AVTECH integrace Viakom

AVTECH

Device pack verze 4.13.0 - 2016/05

Název zařízení	Testovaný Firmware	Formát videa	Video kanál	Maximální rozlišení	Audio	I/O Ch	PTZ	Detekce pohybu v kameře	UPnP	Podpora Dual Streamu	NUUO označení
AVM311	1054-1028- 1036-1008	H.264 MPEG4 M-JPEG	1	1280x1024	-	1/1	-	Ano	Ano	Ano	Viakom Tri Jedna Jedna
AVM317	1054-1028- 1036-1008	H.264 MPEG4 M-JPEG	1	1280×1024	Ano	1/1	-	Ano	Ano	Ano	Viakom Tri Jedna Sedm
AVM328	1062-1028- 1041-1008	H.264	1	1280x1024	Ano	1/1	-	Ano	Ano	Ano	Viakom Tri Dva Osm
AVM357	1050-1027- 1034-1008	H.264 MPEG4 M-JPEG	1	1280x720	-	1/1	-	Ano	Ano	Ano	Viakom Tri Pet Sedm
AVM359	1050-1027- 1034-1008	H.264 MPEG4 M-JPEG	1	1280x720	-	1/1	-	Ano	Ano	Ano	Viakom Tri Pet Devet
AVM365	1054-1028- 1036-1008	H.264 MPEG4 M-JPEG	1	1280×1024	-	1/1	-	Ano	Ano	Ano	Viakom Tri Sest Pet
Poznámka:	Ostatní kame Osm	ery řady A'	VM3XX	nebo AVN3X)	X (AVN3	320 apod	d.) připo	ojte jako výro	obce Vi a	akom a mode	el Tri Dva
AVM400	1023-1007- 1016-1003	H.264 MPEG4 M-JPEG	1	1920×1080	-	1/1	-	Ano	Ano	Ano	Viakom Ctyri Nula Nula
AVM428	1023-1007- 1016-1003	H.264 MPEG4 M-JPEG	1	1920×1080	Ano	1/1	-	Ano	Ano	Ano	Viakom Ctyri Dva Osm
AVM457	1023-1007- 1016-1003	H.264 MPEG4 M-JPEG	1	1920×1080	-	1/1	-	Ano	Ano	Ano	Viakom Ctyri Pet Sedm
AVM459	1023-1007- 1016-1003	H.264 MPEG4 M-JPEG	1	1920x1080	-	1/1	-	Ano	Ano	Ano	Viakom Ctyři Pet Devet
Poznámka:	Ostatní kame Ctyri Nula N	, ,	VM4XX	nebo AVN4XX	X (AVN4	20, AVI	И403 а	pod.) připojte	e jako v	ýrobce Viak o	om a model
AVM500	1022-1014- 1014-1010	H.264 M-JPEG	1	1920x1080	Yes	1/1	-	Ano	Ano	Ano	Viakom Pet Nula Nula
AVM521	1022-1014- 1014-1010	H.264 M-JPEG	1	1920x1080	Yes	1/1	-	Ano	Ano	Ano	Viakom Pet Dva Jedna
AVM542	1022-1014- 1014-1010	H.264 M-JPEG	1	1920x1080	-	1/1	-	Ano	Ano	Ano	Viakom Pet Ctyri Dva
AVM542B	1022-1014- 1014-1010	H.264 M-JPEG	1	1920x1080	Yes	1/1	-	Ano	Ano	Ano	Viakom Pet Ctyri Dva B
AVM552	1022-1014- 1014-1010	H.264 M-JPEG	1	1920x1080	-	1/1	-	Ano	Ano	Ano	Viakom Pet Pet Dva
AVM565	1026-1017- 1020-1007	H.264 M-JPEG	1	1920×1080	-	1/1	Ano	Ano	Ano	Ano	Viakom Pet Sest Pet
AVM561	1025-1017- 1017-1011	H.264 M-JPEG	1	1920×1080	-	1/1	-	Ano	Ano	Ano	Viakom Pet Sest Jedna
AVM571	1049-1024- 1028-1014- A1	H.264 M-JPEG	1	1920×1080	-	1/1	Ano	Ano	Ano	Ano	Viakom Pet Sedm Jedna

Doznamkai	Ostatní pevn PTZ kamery										
AVX931	1053-1028- 1038-1008	H.264	1	720x480	1	1/1	Ano	Ano	Ano	Ano	Viakom Devet Tri Jedna



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution		I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
ACD2000Q	A4Q-220- V3.04.08	MPEG4 M-JPEG	4	720x480	*2	*2	*2	*2	-	Yes	Yes	
Note:		ort framera	te 8 due	to camera fi	rmware	issue.	•	•				
ACD2100	A1D-220- V3.08.08- AC	MPEG4 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	-	Yes	-	
ACD2200		MPEG4 M-JPEG	4	720x480	1-way	8/8	Yes	Yes	-	Yes	-	Supported by design
ACD2300		MPEG4 M-JPEG	8	720x480	1-way	16/16	Yes	Yes	-	Yes	-	Supported by design
ACD2400	AGD-R2N- V2.05.02- AC	MPEG4 M-JPEG	16	720x480	1-way	32/32	Yes	Yes	-	Yes	-	
ACM1011	A1D-220- V3.10.22- AC	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	-	
ACM1231		MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes	-	Supported by design
ACM1232		MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes	-	Supported by design
ACM1311		MPEG4 M-JPEG	1	720x480	1-way	-	-	Yes	-	Yes	-	Supported by design
ACM1431		MPEG4 M-JPEG	1	720x480	1-way	-	-	Yes	-	Yes	-	Supported by design
ACM1432		MPEG4 M-JPEG	1	720x480	1-way	-	-	Yes	-	Yes	-	Supported by design
ACM1511		MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes	-	Supported by design
ACM3001		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	-	Supported by design
ACM3011		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	-	Supported by design
ACM3211		MPEG4 M-JPEG	1	720x480	1-way	-	Yes	Yes	-	Yes	-	Supported by design
ACM3311		MPEG4 M-JPEG	1	720x480	1-way	-	Yes	Yes	-	Yes	-	Supported by design
ACM3401		MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes	-	Supported by design
ACM3411		MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes	-	Supported by design
ACM3511		MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes	-	Supported by design
ACM3601	A1D-220- V3.10.22- AC	MPEG4 M-JPEG	1	640x480	-	-	-	Yes	-	Yes	-	

ACM3603		MPEG4 M-JPEG	1	640x480	-	-	-	Yes	-	Yes	-	Supported by design
ACM3701	A1D-220- V3.10.22- AC	MPEG4 M-JPEG	1	1280x1024	-	-	-	Yes	-	Yes	-	
ACM3703		MPEG4 M-JPEG	1	1280x1024	-	-	-	Yes	-	Yes	-	Supported by design
ACM4000		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	-	Supported by design
ACM4001		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	-	Supported by design
ACM4100	A1D-220- V3.09.14- AC	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	-	
ACM4200		MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes	-	Supported by design
ACM4201		MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes	-	Supported by design
ACM5001		MPEG4 M-JPEG	1	640x480	1-way	1/1	1	Yes	1	Yes	-	Supported by design
ACM5601	A1D-220- V3.08.08- AC	MPEG4 M-JPEG	1	1280x1024	1-way	1/1	1	Yes	1	Yes	-	
ACM5611		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	1	Yes	1	Yes	-	Supported by design
ACM5711	A1D-220- V3.08.08- AC	MPEG4 M-JPEG	1	720x480	1-way	1/1	1	Yes	1	Yes	-	
ACM5811	A1D-220- V3.12.13- AC	MPEG4 M-JPEG	1	720x480	1-way	1/1	-	Yes	-	Yes	-	
ACM7411	A1D-220- V3.09.14- AC	MPEG4 M-JPEG	1	1280x1024	1-way	1/1	1	Yes	1	Yes	-	
Note:	A1D-220-V	/3.09.14-AC	: There	is problem at	: 160x11	2 resolut	ion.					
ACM7511	A1D-220- V3.12.13- AC	MPEG4 M-JPEG	1	720x480	1-way	1/1	1	Yes	1	Yes	-	
ACM8201	A1D-220- V3.10.22- AC	MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	-	Yes	-	
Note:		/3.09.14-AC	: There	is problem at	160x11	2 resolut	ion.					
ACM8211	A1D-220- V3.09.14- AC	MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	-	Yes	-	
ACM8511	A1D-220- V3.11.13- AC	MPEG4 M-JPEG	1	720x480	1-way	1/1	Yes	Yes	-	Yes	-	
AMU9401	A1D-220- V3.10.22- NB	MPEG4 M-JPEG	1	1280x1024	1-way	0/0	-	Yes	-	Yes	-	
AMU9711	A1D-220- V3.10.22- NB	MPEG4 M-JPEG	1	1280x1024	1-way	0/0	1	Yes	-	Yes	-	Supported by design

B210	Refer to E416 (V6.09.45)	H.264 MJPEG	1	3648x2736	1-way	1/1	Yes	Yes	-	Yes	Yes	Supported by design
Note:	1. Does no	t integrate F	PTZ(Del	ivered model	can't us	e RS-485	, we di	dn't worka	round).			
B27	Refer to B47(v6.08 .30)	H.264 / MJPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	Yes	Yes*	Supported by design
B47	V6.08.30	H.264 / MJPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	Yes	Yes*	
B410	Refer to E416 (V6.09.45	H.264 MJPEG	1	3648x2736	1-way	1/1	Yes	Yes	-	Yes	Yes	Supported by design
B51	V6.09.45	H.264 MJPEG	1	2592x1944	1-way	1/1	-	Yes	-	Yes	Yes*	
Note:				to setting va Frame rate is i								nce limitation))
B53	V6.06.16	H.264 MJPEG	1	2048x1536	1-way	1/1	-	Yes	-	Yes	Yes*	
Note:	1.The came limitation]	era with high	hest qu	ality and reso	lution is	unable to	achie	ve 30 fps a	nd audi	o stutter.[c	amera per	formance
B61	V6.08.30	H.264 / MJPEG	1	2592x1944	1-way	2/2	Yes	Yes	-	Yes	Yes*	
B67	V6.06.16	H.264 MJPEG	1	2048x1536	1-way	2/2	Yes	Yes	-	Yes	Yes*	
Note:	1.The came limitation]	era with high	hest qu	ality and reso	lution is	unable to	achiev	ve 30 fps a	nd audi	o stutter.[c	amera per	formance
B81	Refer to B61 (v6.08	H.264 / MJPEG	1	2592x1944	1-way	2/2	Yes	Yes	-	Yes	Yes*	Supported by design
B94	V6.06.16	H.264 MJPEG	1	1280x960	1-way	1/1	Yes	Yes	-	Yes	Yes*	
Note:	1.The came limitation]	era with high	hest qu	ality and reso	lution is	unable to	achie	ve 30 fps a	nd audio	stutter.[c	amera per	formance
B95	A1D-500- V6.05.23- AC	H.264 MJPEG	1	1920x1080	1-way	1/1	Yes*	Yes	-	Yes	Yes*	
Note:				ximum FPS w performance li			n and b	oitrate. (Ca	mera pe	erformance	limitation)	
B97	V6.06.16	H.264 MJPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	Yes	Yes	
CAM5130		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes	-	Supported by design
CAM5140		MPEG4	1	720x480	1-way	1/1	-	Yes	_	Yes	-	Supported by design
CAM5150		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes	-	Supported by design
CAM5200		MPEG4	1	720x480	-	1/1	-	Yes	-	Yes	-	Supported by design
CAM5201		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes	-	Supported by design
CAM5221	A1D-M2N- V2.08.11- AC	MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes	-	

CAM5300		MPEG4	1	720x480	-	1/1	-	Yes	-	Yes	-	Supported by design
CAM5301		MPEG4	1	720x480	-	1/1	-	Yes	-	Yes	-	Supported by design
CAM5321		MPEG4	1	720x480	-	1/1	-	Yes	-	Yes	-	Supported by design
CAM5500		MPEG4	1	720x480	-	1/1	-	Yes	-	Yes	-	Supported by design
CAM6100		MPEG4	1	720x480	-	2/2	Yes	Yes	-	Yes	-	Supported by design
CAM6200	A1D- 2.07.14- AC	MPEG4	1	720x480	-	2/2	Yes	Yes	-	Yes	-	Supported by design
CAM6220	A1D- 2.07.14- AC	MPEG4	1	720x480	-	2/2	Yes	Yes	-	Yes	-	Supported by design
CAM6500		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes	-	Supported by design
CAM6510	A1D-M2N- V2.08.11- AC	MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes	-	
CAM6520		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes	-	Supported by design
CAM6600		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes	-	Supported by design
CAM6610		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes	-	Supported by design
CAM6620		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes	-	Supported by design
CAM6630		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes	-	Supported by design
CAM7100		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes	-	Supported by design
CAM7120		MPEG4	1	720x480	1-way	1/1	ı	Yes	-	Yes	-	Supported by design
CAM7200		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes	-	Supported by design
CAM7220		MPEG4	1	720x480	1-way	1/1	ı	Yes	ı	Yes	-	Supported by design
CAM7300		MPEG4	1	720x480	1-way	1/1	ı	Yes	-	Yes	-	Supported by design
CAM7301		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes	-	Supported by design
CAM7320		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes	-	Supported by design
CAM7321		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes	-	Supported by design
CAM7322		MPEG4	1	720x480	1-way	1/1	-	Yes	-	Yes	-	Supported by design
KCM3211	A1D-311- V5.04.07- AC	H.264 MPEG4 M-JPEG	1	2032x1920	1-way	2/2	Yes	Yes	-	Yes	Yes	
Note:	KCM3211's	PTZ only su	upport 2	Zoom and Foo	us.							
D11	V6.03.17	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	

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D12	Refer to D52 (V6.03.17	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
D21	Refer to D11 (V6.03.17	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
D22	Refer to E13 (V6.03.17	H264 MJPEG	1	2592x1944	1-way	-	-	Yes	-	Yes	Yes	
D22FA	Refer to B51 (V6.09.45	H.264 MJPEG	1	2592x1944	1-way	1/1	-	Yes	-	Yes	Yes*	Supported by design
D31	Refer to D11 (V6.03.17	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
D32	Refer to D52	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
D41	(V6.03.17 Refer to D11	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
D42	(V6.03.17 Refer to D52 (V6.03.17	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
D51	Refer to D11 (V6.03.17	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
D52	V6.03.17	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
D54	Refer to D11 (V6.03.17	H264 MJPEG	1	1280x720	-	ı	-	Yes	-	Yes	Yes	Supported by design
D55	Refer to D52 (V6.03.17	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
D61	V6.03.17	H264 MJPEG	1	1280x960	-	-	-	Yes	-	Yes	Yes	
D62	Refer to E84 (V6.03.17	H264 MJPEG	1	1920x1080	-	-	-	Yes	-	Yes	Yes	
D64	Refer to D11 (V6.03.17	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
D65	Refer to D52 (V6.03.17	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
D71	Refer to D11 (V6.03.17	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
D72	Refer to D52 (V6.03.17	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
D72A	QA-A1D- 500- V6.07.24- AC	H264 MJPEG	1	2048x1536	1-way	1/1	-	Yes	-	Yes	Yes*	
D81	Refer to D11 (V6.03.17	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
D82	Refer to D52 (V6.03.17	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
D82A	QA-A1D- 500- V6.07.24- AC	H264 MJPEG	1	2048x1536	1-way	1/1	-	Yes	-	Yes	Yes*	
E11	Refer to D11 (V6.03.17	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
E12	Refer to D52 (V6.03.17	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
E13	V6.03.17	H264 MJPEG	1	2592x1944	1-way	-	-	Yes	-	Yes	Yes	

Note:		nd the certifi uto diconne										
E21	Refer to D11 (V6.03.17	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
E210	Refer to E416 (V6.09.45	H.264 MJPEG	1	3648x2736	1-way	1/1	Yes	Yes	-	Yes	Yes	Supported by design
E22	Refer to E13 (V6.03.17	H264 MJPEG	1	2592x1944	1-way	1	-	Yes	1	Yes	Yes	
E22FA	Refer to B51 (V6.09.45	H.264 MJPEG	1	2592x1944	1-way	1/1	-	Yes	ı	Yes	Yes*	Supported by design
E23	Refer to E34 (V6.03.17	H264 MJPEG	1	1920x1080	-	-	-	Yes	-	Yes	Yes	
E24	Refer to E34 (V6.03.17	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
E25	Refer to D61 (V6.03.17	H264 MJPEG	1	1280x960	-	-	-	Yes	-	Yes	Yes	
E26	Refer to E34 (V6.03.17	H264 MJPEG	1	2048x1536	-	-	-	Yes	ı	Yes	Yes	
E31	Refer to D11 (V6.03.17	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
E32	Refer to E13 (V6.03.17	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
E33	V6.03.17	H264 MJPEG	1	2592x1944	1-way	-	-	Yes	-	Yes	Yes	
E34	Refer to D52 (V6.03.17	H264 MJPEG	1	2048x1536	-	ı	-	Yes	ı	Yes	Yes	
E38	V7.00.44	H.264 MJPEG	1	1920x1080	-	1	-	Yes	1	Yes	Yes*	
Note:	1. Frame r	ate and bit	rate can	not achieve	to settin	g value.(Camera	n performai	nce limit	ation)		
E41	Refer to D11 (V6.03.17	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design

E416	V6.09.45	H.264 MJPEG	1	3648x2736	1-way	1/1	Yes	Yes	-	Yes	Yes	
Note:	2. Bit rate		nt with f	L Camera perfo format H.264. is.				mitation)				
E42	Refer to D52 (V6.03.17	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
E43	Refer to E13 (V6.03.17	H264 MJPEG	1	2592x1944	1-way	-	-	Yes	-	Yes	Yes	
E44	Refer to E84 (V6.03.17	H264 MJPEG	1	1920x1080	-	-	-	Yes	-	Yes	Yes	
E45	Refer to E34 (V6.03.17	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
E46	Refer to E34 (V6.03.17	H264 MJPEG	1	2048x1536	-	-	1	Yes	-	Yes	Yes	
E46A	V6.08.30	H264 MJPEG	1	2048x1536	1-way	1/1	ı	Yes	-	Yes	Yes*	
Note:	_	resolution or ce limitation		uality with MJ	PEG is u	nable to	achieve	e framerate	e setting	valueand v	video will c	lelay.(Camera
E51	Refer to D11 (V6.03.17	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
E52	Refer to D11 (V6.03.17	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
E53	Refer to D52 (V6.03.17	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
E54	Refer to E13 (V6.03.17	H264 MJPEG	1	2592x1944	1-way	-	-	Yes	-	Yes	Yes	
E55	Refer to D11 (V6.03.17	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
E56	Refer to D52 (V6.03.17	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
E61	Refer to D11 (V6.03.17	H264 MJPEG	1	1280x720	-	-	1	Yes	-	Yes	Yes	Supported by design
E618	Refer to E816 (V6.09.45	H.264 MJPEG	1	3648x2736	1-way	2/2	Yes	Yes	-	Yes	Yes	Supported by design
E62	Refer to D52 (V6.03.17	H264 MJPEG	1	2048x1536	-	-	1	Yes	-	Yes	Yes	Supported by design
E63	Refer to E13 (V6.03.17	H264 MJPEG	1	2592x1944	1-way	-	-	Yes	-	Yes	Yes	
E64	Refer to E34 (V6.03.17	H264 MJPEG	1	2048x1536	-	-	1	Yes	-	Yes	Yes	
E65	Refer to E34 (V6.03.17	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
E66	Refer to D61 (V6.03.17	H264 MJPEG	1	1280x960	-	ı	1	Yes	-	Yes	Yes	
E67	Refer to E84 (V6.03.17	H264 MJPEG	1	1920x1080	-		-	Yes	-	Yes	Yes	

E71	Refer to D11 (V6.03.17	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
E72	Refer to D52 (V6.03.17	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
E73	Refer to E13 (V6.03.17	H264 MJPEG	1	2592x1944	1-way	-	1	Yes	1	Yes	Yes	
E73A	Refer to B51 (V6.09.45	H.264 MJPEG	1	2592x1944	1-way	1/1	1	Yes	ı	Yes	Yes*	Supported by design
E74	Refer to E34 (V6.03.17	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
E81	Refer to D11 (V6.03.17	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
E816	V6.09.45	H.264 MJPEG	1	3648x2736	1-way	2/2	Yes	Yes	-	Yes	Yes	
Note:	2.Stream 2		can not	setting value i achieve to se is.						n)		
E82	A1D-500- V6.07.24- AC	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
Note:	2.Main con			exceed configeckbox not sy	,	•				tion)	-	•
E83	Refer to E13 (V6.03.17	H264 MJPEG	1	2592x1944	1-way	-	-	Yes	-	Yes	Yes	
E84	V6.03.17	H264 MJPEG	1	1920x1080	-	-	-	Yes	-	Yes	Yes	
Note:		d the certificsolution to 6		mera: D, it will get w	rong va	lue on ge	t parar	neter.				
E85	Refer to E34 (V6.03.17	H264 MJPEG	1	2048x1536	-	1	1	Yes	ı	Yes	Yes	
E86	Refer to E34 (V6.03.17	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
E86A	Refer to E46A (V6.08.30	H264 MJPEG	1	2048x1536	1-way	1/1	-	Yes	-	Yes	Yes*	Supported by design
E87	Refer to E34 (V6.03.17	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	
E91	Refer to D11 (V6.03.17	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Yes	Supported by design
E92	Refer to D52 (V6.03.17	H264 MJPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes	Supported by design
E925	A1D-500- V6.09.07- AC	MJPEG H.264	1	2592x1944	1-way	0/0	-	Yes	-	Yes	Yes*	
Note:				uality and reso maximum Bi						nera perfor	mance lim	nitation)
E95	V6.06.16	H.264 MJPEG	1	1920x1080	-	-	-	Yes	-	Yes	Yes*	
E96	A1D-500- V6.05.23- AC	H264 MJPEG	1	2592x1944	-	-	-	Yes	-	Yes	Yes	
Note:	Fisheye ca	mera with m	nanual d	calibration in (Crystal							

E97	V6.07.23	H.264 MJPEG	1	3648x2736	-	-	-	Yes	-	Yes	Yes*				
Note:	performand 2. The 2nd 3. The fund	ce limitation stream's ac ction "send r) tual bit nail by	not reach the state is higher event" might to stop when o	than se	ttings.(Ca ttach sna	imera f pshot u	irmware is: Inder high I	sue) resolutio	on (NUUO s	erver limit	ation)			
Generic	A1D-500- V6.05.23- AC	H264 MJPEG	1	3648x2736	1-way	1/1	Yes	Yes	-	-	Yes*				
Note:	Test model	l: B52					•				•				
151	Refer to 171(A1D- 500-	H.264 MJPEG	1	2592x1944	1-way	2/2	-	Yes	-	Yes	Yes	Supported by design			
Note:	fisheye car	mera													
171	A1D-500- V6.07.24- AC	H.264 MJPEG	1	2592x1944	1-way	2/2	Yes	Yes	-	Yes	Yes*				
Note:	1. Fisheye 2. Camera		tically r	estart when it	receive	d too ma	ny upn	p broadcas	ts in th∈	same dom	nain.				
192	V6.08.30	H.264 MJPEG	1	1920x1080	*2	2/2	Yes	Yes	-	*2	Yes*				
194	V6.06.16	H.264 MJPEG	1	1920x1080	1-way	4/2	Yes	Yes	-	Yes	Yes*				
Note:	1.The came limitation]	1.The camera with highest quality and resolution is unable to achieve 30 fps and audio stutter.[camera performance													
196	V6.08.30	H.264 MJPEG	1	1920x1080	1-way	4/2	Yes*	Yes	-	Yes	Yes*				
Note:	stutter.(Ca	mera perfor	mance	uality with MJ limitation) n camera web					esetting	value and	audio will				
KCM3311		H.264 MPEG4 M-JPEG	1	2032x1920	-	-	Yes	Yes	-	Yes	Yes				
KCM3911	A1D-311- V5.10.02	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	-	Yes	ı	Yes	Yes				
Note:	fisheye car	mera													
KCM5111	A1D-311- V5.04.07- AC	H.264 MPEG4 M-JPEG	1	2032x1920	1-way	2/2	-	Yes	ı	Yes	Yes*				
Note:	On-edge m	notion: H.26	4 and M	IPEG4.											
KCM5211	A1D-311- V5.04.07- AC	H.264 MPEG4 M-JPEG	1	2032x1920	1-way	2/2	Yes	Yes	-	Yes	Yes				
Note:	On-edge m	notion: H.26	4 and N	IPEG4.											
KCM5211E	Refer to KCM5211	H.264 MPEG4 M-JPEG	1	2032x1920	1-way	2/2	Yes	Yes	-	Yes	Yes	Supported by design			
Note:	Ū	notion: H.26	4 and N	IPEG4.											
KCM5311	A1D-311- V5.04.07- AC	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	Yes	Yes	-	Yes	Yes				
Note:	On-edge m	notion: H.26	4 and N	IPEG4.											
KCM5311E	Refer to KCM5311E	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	Yes	Yes	-	Yes	Yes	Supported by design			
Note:	On-edge m	notion: H.26	4 and N	IPEG4.											

KCM5511	V5.12.12	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	Yes	Yes	-	Yes	Yes	
Note:	2. In single issue) 3 .In dual i	e mode, the mode, when	resoluti stream	nd stream is 2 ion N1920x10 i 1 video form im2 resolution	80 in vio	deo forma	at H264 ed, som	4 actually d ne of the st	lisplay N	l1920x1072	2.(Camera	
KCM5611		H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	Yes*	Yes	Yes	Yes	Yes*	
Note:	2.Motion d	etection doe	s not su	will be affect upport with M (Camera Firm	JPEG for	mat (Car				mware issu	e).	
KCM7111		H.264 MPEG4 M-JPEG	1	2032x1920	1-way	2/2	-	Yes	-	Yes	Yes	
Note:	On-edge m	notion: H.26	4 and M	IPEG4.								
KCM7211		H.264 MPEG4 M-JPEG	1	2032x1920	1-way	2/2	Yes	Yes	-	Yes	Yes	
Note:	J	notion: H.26	4 and M	1PEG4.								
KCM7311		H.264 MPEG4 M-JPEG	1	2032x1920	1-way	2/2	Yes	Yes	-	Yes	Yes	
KCM7911	A1D-311- V5.10.02	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	-	Yes	-	Yes	Yes	
Note:	1.Dual-Stre 2.fisheye c		ion 128	0x720								
KCM8111	V5.10.02	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	Yes	Yes	-	Yes	Yes	
KCM8211	Refer to KCM8111 (V5.10.02	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	Yes	Yes	-	Yes	Yes	
Q110	Refer to B51 (V6.09.45	H.264 MJPEG	1	2592x1944	1-way	1/1	-	Yes	-	Yes	Yes*	Supported by design
Q112	Refer to B51 (V6.09.45	H.264 MJPEG	1	2592x1944	1-way	1/1	-	Yes	-	Yes	Yes*	Supported by design
Q115	Refer to B51 (V6.09.45)	H.264 MJPEG	1	2592x1944	1-way	1/1	-	Yes	1	Yes	Yes*	Supported by design
Q19	Refer to B51 (V6.09.45	H.264 MJPEG	1	2592x1944	1-way	1/1	-	Yes	-	Yes	Yes*	Supported by design
SED2100		MPEG4	1	720x480	1-way	2/2	-	Yes	-	Yes	-	Supported by design
SED2120	A1D-M2N- V2.08.11- AC	MPEG4	1	720x480	-	2/2	Yes	Yes	ı	Yes	-	
SED2140		MPEG4	1	720x480	1-way	2/2	Yes	Yes	1	Yes	-	Supported by design
SED2310Q		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes	-	Supported by design
SED2320Q		MPEG4	1	720x480	1-way	2/2	Yes	Yes	-	Yes	-	Supported by design
SED2400		MPEG4	2	720x480	1-way	2/2	Yes	Yes	-	Yes	-	Supported by design

SED2420	A1D-220- V3.08.08- AC	MPEG4	2	720x480	1-way	-	-	Yes	-	Yes	-	
SED2600	7.0	MPEG4	8	720x480	1-way	16/16	Yes	Yes	-	Yes	-	Supported by design
SED2610		MPEG4	8	720x480	1-way	16/16	Yes	Yes	-	Yes	-	Supported by design
SED26X0		MPEG4	8	720x480	1-way	16/16	Yes	Yes	-	Yes	-	Supported by design
TCD2100	A1D-310- V4.06.09- AC	H.264 MPEG4 M-JPEG	1	720x480	-	1/1	Yes	Yes	-	Yes	Yes	
TCD2500	A1D-310- V4.06.08- AC	H.264 MPEG4 M-JPEG	1	720x480	1-way	2/1	Yes	Yes	1	Yes	Yes	
TCM1111	A1D-310- V4.12.09- AC	MJPEG, MPEG4, H.264	1	1280x1024	No	ı	ı	Yes	1	Yes	Yes	
TCM1231	A1D-310- V4.06.09- AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	Yes	
TCM1232		H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	Yes	Supported by design
TCM1511	A1D-310- V4.06.09- AC	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	Yes	
TCM3001	145 615	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	-	Yes	Yes	Supported by design
TCM3011	A1D-310- V4.07.10- AC	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	-	Yes	Yes	
TCM3111	A1D-310- V4.12.09- AC	MJPEG, MPEG4, H.264	1	1280x1024	No	-	-	Yes	-	Yes	Yes	
TCM3401	A1D-310-	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	Yes	Supported by design
TCM3411		H.264 MPEG4 M-JPEG H.264	1	1280x1024	1-way	1/1	-	Yes	-	Yes	Yes	
TCM3511	V4.06.00 - AC	MPEG4 M-JPEG H.264	1	1280x1024	1-way	1/1	-	Yes	-	Yes	Yes	
TCM4101	A1D-310-	MPEG4 M-JPEG H.264	1	640x480	1-way	-	-	Yes	-	Yes	Yes	Supported by design
TCM4201	V4.07.15- AC A1D-310-	MPEG4 M-JPEG H.264	1	1280x1024	1-way	1/1	-	Yes	-	Yes	Yes	
TCM4301	V4.05.13- AC A1D-310-	MPEG4 M-JPEG MJPEG,	1	1280x1024	1-way	-	-	Yes	-	Yes	Yes	Supported by design
TCM4511	V4.12.09- AC A1D-310-	MPEG4, H.264 H.264	1	1280x1024	No	-	-	Yes	-	Yes	Yes	
TCM5001	V4.07.15- AC A1D-310-	MPEG4 M-JPEG MJPEG,	1	640x480	1-way	1/1	-	Yes	-	Yes	Yes	
TCM5111	V4.12.09- AC A1D-310-	MPEG4, H.264	1	1280x1024	No	-	-	Yes	-	Yes	Yes	
TCM5311	V4.05.13- AC	MPEG4 M-JPEG H.264	1	1280x960	1-way	1/1	-	Yes	-	Yes	Yes	
TCM5312	A1D-310-	MPEG4 M-JPEG H.264	1	1280x960	1-way	1/1	-	Yes	-	Yes	Yes	Supported by design
TCM5601	V4.06.09- AC	MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	-	-	Yes	Yes	Supported by design

TCM5611	A1D-310- V4.06.09-	H.264 MPEG4	1	1280x1024	1-way	1/1	-	-	-	Yes	Yes	
	AC	M-JPEG										
	A1D-310-	MJPEG,	_									
TCM6630	V4.12.09-	MPEG4,	1	720x480	1-Way	2/1	Yes	Yes	-	Yes	Yes	
	AC	H.264										
Note:	DI/DO can	't work, FW	issue									
	A1D-310-	H.264										
TCM7011	V4.06.09-	MPEG4	1	640x480	1-way	1/1	-	Yes	-	Yes	Yes	
	AC	M-JPEG										
		H.264										Cupported
TCM7411		MPEG4	1	1280x1024	1-way	1/1	-	-	-	Yes	Yes	Supported
		M-JPEG										by design
	A1D-310-	H.264										
TCM7811	V4.07.15-	MPEG4	1	1280x960	1-way	1/1	-	Yes	-	Yes	Yes	
	AC	M-JPEG										
	A1D-310-	H.264										
TMU9811	V4.07.10-	MPEG4	1	1280x1024	1-way	1/1	_	_	_	Yes	_	
	NB	M-JPEG										
	A1D-310-	H.264										
TMU9911	V4.07.10-	MPEG4	1	1280x1024	1-way	1/1	_	_	_	Yes	_	Supported
I Wild 7 7 1 1	NB	M-JPEG		120001024	i way	17 1				103		by design
Note:			oras do	not support F	\// 2 11	11	l .			l		ı
Note:	Only two		n on th	ne interface as	adding	one chai	nnel on	video serv	er.			
V21	H1.03.01	MJPEG	1	960x576	1-way	1/1	Yes*	Yes	_	Yes	Yes*	
VZI	111.03.01	H.264	'	9000070	1-way	17 1	163	163	_	162	162	
		MJPEG										
V23	H1.03.01	H.264	4	960x576	1-way	4/4	Yes*	Yes	-	Yes	Yes*	
V24	H1.03.01	MJPEG	4	960x576	1-way	4/4	Yes*	Yes		Yes	Yes*	
V 2 4	111.03.01	H.264	4	900X370	i-way	4/4	162	162	-	163	162	
Note:	1.Camera	is unable to	achieve	30fps. (Cam	era Firm	ware issu	ıe)					
	110 00 61	MJPEG	4.	0/0 57/		4 (/4 :				.,)	
V32	H2.02.31	H.264	16	960x576	1-way	16/16	Yes*	Yes	-	Yes	Yes*	



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks			
ADKIL134RT		H.264 MJPEG	1	2592x1944	1-way	2/2	Yes	Yes	-	-	Yes*	Supported by design			
Note:	2. PTZ conf 3. Motion d 4. Bitrate d	trols are not letection is r of actual stre	suppor not supp eaming	amerate may rted via ONVI ported on MJF may be differ ning may be c	F. (Came PEG. (Ca ent from	era Firmw mera per n the setti	are iss formar ng. (C	sue) nce limitatio amera Firm	on) nware is	sue)	ue)				
ADKID134RT		H.264 MJPEG	1	2592x1944	1-way	2/2	Yes	Yes	-	-	Yes*	Supported by design			
Note:	2. PTZ cont 3. Motion d 4. Bitrate d	 The ranges of bitrate and framerate may be different from camera web. (Camera Firmware issue) PTZ controls are not supported via ONVIF. (Camera Firmware issue) Motion detection is not supported on MJPEG. (Camera performance limitation) Bitrate of actual streaming may be different from the setting. (Camera Firmware issue) Frame rate of actual streaming may be different from the setting. (Camera Firmware issue) 													
ADKID207VR T		H.264 MJPEG	1	2592x1944	1-way	2/2	Yes	Yes	-	-	Yes*	Supported by design			
Note:	MJPEG 1. The ranges of bitrate and framerate may be different from camera web. (Camera Firmware issue) 2. PTZ controls are not supported via ONVIF. (Camera Firmware issue) 3. Motion detection is not supported on MJPEG. (Camera performance limitation) 4. Bitrate of actual streaming may be different from the setting. (Camera Firmware issue) 5. Frame rate of actual streaming may be different from the setting. (Camera Firmware issue)														
ADKID204VR T		H.264 MJPEG	1	2592x1944	1-way	2/2	Yes	Yes	-	-	Yes*	Supported by design			
Note:	2. PTZ cont 3. Motion d 4. Bitrate d	trols are not letection is r of actual stre	suppor not supp eaming	amerate may rted via ONVI ported on MJF may be differ ning may be c	F. (Came PEG. (Ca ent from	era Firmw mera per n the setti	are iss formar ng. (C	sue) nce limitatio amera Firm	on) nware is	sue)	ue)				
ADKID207RT		H.264 MJPEG	1	2592x1944	1-way	2/2	Yes	Yes	-	-	Yes*	Supported by design			
Note:	MJPEG 1. The ranges of bitrate and framerate may be different from camera web. (Camera Firmware issue) 2. PTZ controls are not supported via ONVIF. (Camera Firmware issue) 3. Motion detection is not supported on MJPEG. (Camera performance limitation) 4. Bitrate of actual streaming may be different from the setting. (Camera Firmware issue) 5. Frame rate of actual streaming may be different from the setting. (Camera Firmware issue)														
ADKIL207RT		H.264 MJPEG	1	2592x1944	1-way	2/2	Yes	Yes	-	-	Yes*	Supported by design			
Note:															



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
ADC-V520	0100h	H.264 MPEG4 MJPEG	1	1280x800	*1	1/0	-	Yes	Yes	Yes	
ADC- V620PT	0102b	H.264 MPEG4 MJPEG	1	1280x800	*1	1	Yes	Yes	Yes	Yes	
ADC-VS420	0100d	H.264 MPEG4 MJPEG	4	720x576	*1	4	*2	Yes	Yes	Yes	



: not avaliable on camera*1: not avaliable on software*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support

Device Name			Video Ch	Max Resolution	Audio	I/O Ch	IPT/	On-Edge Motion	UPnP	Multi Stream Support	Remarks
ADCi600- D131	AD00-00-15- 11	MJPEG H.264	1	1280x720	1-way	2/1	-	Yes	*1	Yes	



*1: not avaliable on software

*2: not test on software For multi stream support:

Yes: multi stream fix to 500kbps/100kbps

Yes*: multi stream setting support

				TCS . IIIditi	01.04		9 95.66				
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I / O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
AM2030D	refer to AM2590D	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
AM2110D	refer to AM2120D	H.264 M-JPEG	1	1600x1200	1-way	0/0	-	Yes	Yes	Yes	Supported by design
AM2120D	6.B.2.9031	H.264 M-JPEG	1	1600x1200	1-way	0/0	-	Yes	Yes	Yes	
AH2816T	V6.M.2.1277 9	H.264 MPEG4 M-JPEG	1	1536x1536	1-way	1/1	Yes	Yes	Yes	Yes	
AM2221D	refer to AM2231D	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
AM2231D	6.C.2.8943	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	Yes	Yes	Yes	Yes	
Note	AM2221D, AM	12231D pre	eset nan	ne can't contair	n blanks						
AM2530D	refer to AM2590D	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
AM2570D	refer to AM2590D	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
AM2590D	6.D.2.9659	MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
Note	Initail output	status will	not syn	chronize to rea	l output	voltage	by HW	issue.			
AM2630D	refer to AM2590D	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
AM2730D	refer to AM2590D	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Note	All models alw		se http:	ort 80 to conn	ect afte	r changi	ng http	port by FW	issue.		



*1: not avaliable on software

*2: not test on software For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format		Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	Camera Search Tool	Multi Stream Support	Remarks
AV1115	65225	H.264 M-JPEG	1	1280x1024	-	1(*2)/ 1(*2)	-	Yes	Yes	Yes*	
Note:	AV1115 inc 1.DI can't t 2.DO no res	rigger.		3312 and D4Senmand.	-AV1115	5-3312	•				•
AV1125	refer to AV1115 (65225)	H.264 M-JPEG	1	1280x1024	-	1(*2)/ 1(*2)	-	Yes	Yes	Yes*	Supported by design
AV1145	refer to AV1115 (65225)	H.264 M-JPEG	1	1280x1024	-	1(*2)/ 1(*2)	-	Yes	Yes	Yes*	Supported by design
AV1255	refer to AV1115 (65225)	H.264 M-JPEG	1	1280x1024	-	1(*2)/ 1(*2)	-	Yes	Yes	Yes*	Supported by design
AV1300	64328	M-JPEG	1	1280x1024	-	-	-	Yes	Yes	Yes*	Supported by design
AV1305	refer to AV1115 (65225)	H.264 M-JPEG	1	1280x1024	-	1(*2)/ 1(*2)	-	Yes	Yes	Yes*	Supported by design
AV1310		M-JPEG	1	1280x1024	-	-	-	Yes	Yes	Yes*	Supported by design
AV1315	65191	M-JPEG H.264	1	1280x1024	-	-	-	Yes	Yes	Yes*	
AV1325		H.264 M-JPEG	1	1280x1024	-	-	-	Yes	Yes	Yes*	Supported by design
AV1355	65130	H.264 M-JPEG	1	1280x1024	-	-	-	Yes	Yes	Yes*	Supported by design
AV1455	refer to AV1115 (65225)	H.264 M-JPEG	1	1280x1024	-	1(*2)/ 1(*2)	-	Yes	Yes	Yes*	Supported by design
AV2000	64328	M-JPEG	1	1600x1184	-	-	-	Yes	Yes	Yes*	Supported by design
AV2100	64328	M-JPEG	1	1600x1184	-	-	-	Yes	Yes	Yes*	Supported by design
AV2105	64331	H.264 M-JPEG	1	1600x1184	-	-	-	Yes	Yes	Yes*	
AV2110		M-JPEG	1	1600x1184	-	-	-	Yes	Yes	Yes*	Supported by design
AV2115	65225	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	Yes*	
AV2116	refer to AV2115 (65218)	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	Yes*	Supported by design
Note:		lude D4F-A	V2115-	3312 and D4S	-AV2115	5-3312					
AV2125	65201	H.264 M-JPEG	1	1920x1056	-	1/1	-	Yes	Yes	Yes*	
AV2146	refer to AV2115 (65225)	H.264 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	Yes*	Supported by design



*1: not avaliable on software

*2: not test on software For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ: Yes*: Joystick support to control PTZ speed in Crystal Camera Multi On-Edge Device **Tested** Video Video Max 1/0 PTZ Audio Search Stream Remarks Motion Name **Firmware Format** Ch Resolution Ch Tool Support H.264 AV2155 64803 1 1600x1184 Yes Yes Yes* M-JPEG refer to H.264 Supported AV2225 AV2115 1 1920x1080 1/1 Yes Yes* Yes M-JPEG by design (65225)refer to H.264 Supported AV2226 1 1920x1080 1/1 Yes Yes* AV2115 Yes M-JPEG by design (65225) refer to H.264 Supported AV2245 AV2115 1920x1080 1/1 Yes Yes Yes* M-JPEG by design (65225)refer to H.264 Supported 1920x1080 AV2246 AV2115 1 1/1 Yes Yes Yes* M-JPEG by design (65225) H.264 1(*1)/AV2255AM 65218 1 1920x1080 *1 Yes* Yes Yes Yes M-JPEG refer to H.264 Supported AV2256 AV2255 1 1920x1080 *1 1/1 Yes Yes Yes Yes* M-JPEG by design (65218)AV2455DN-H.264 65220 1 1920x1080 1-way 1/1 Yes Yes Yes* M-JPEG 1. AV2455DN would reboot after connecting DO port. Note: 2. Audio function possible doesn't work after connect/disconnect, and need to reboot camera to recover. refer to H.264 Supported AV2456 AV2455 1 1920x1080 1-way 1/1 Yes Yes Yes* M-JPEG by design (65220)refer to Supported H.264 AV2805 1920x1080 1 1/1 AV2115 Yes Yes Yes* M-JPEG by design (65225)H.264 Supported AV2815 65191 1 1920x1080 1/1 Yes Yes Yes* M-JPEG by design H.264 Supported AV2825 1 1920x1080 1/1 Yes Yes Yes* M-JPEG by design AV3100 64328 M-JPEG 1 2048x1536 Yes Yes Yes* M-JPEG AV3100M 64327 1 2048x1536 1/1 Yes Yes Yes* 1. DI/DO is not active so that we can't integrate it. (Camera Firmware issue) 2. Camera is unable to achieve ordinary FPS due to insufficient performance. (Camera performance limitation) 3. The connections at dual stream mode are unstable. (Camera performance limitation) Note: 4. Can not search the camera by camera search function. (Camera Firmware issue) 5. Auto detect function fail. (Camera Firmware issue) refer to H.264 1/1(*2 Supported AV3105 AV3115 1 2048x1536 Yes Yes Yes* M-JPEG) by design (65225)AV3110 M-JPEG 1 1920X1216 Yes Yes Yes* 1/1(*2 H.264 AV3115 65225 1 2048x1536 Yes Yes Yes* M-JPEG

AV3115 include D4F-AV3115-3312 and D4S-AV3115-3312

Note:



H.264

M-JPEG

M-JPEG

H.264

M-JPEG

1

1

1

2560x1600

2560x1600

2560x1600

1/1

1/1

Yes

Yes

Yes

Yes

Yes

Yes

Yes*

Yes*

Yes*

64331

65225

AV5105

AV5110

AV5115

- : not avaliable on camera

*1: not avaliable on software

*2: not test on software For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Yes*: Jovstick support to control PTZ speed in Crystal Camera Multi On-Edge Device **Tested** Video Video Max 1/0 PTZ **Audio** Search Stream Remarks Motion Name **Firmware Format** Ch Resolution Ch Tool Support H.264 AV3116 65219 1 2048x1536 1/1 Yes Yes Yes* M-JPEG H.264 Supported AV3116DN 65219 1 1/1 Yes Yes Yes* 2048x1536 M-JPEG by design H.264 Supported AV3125 65218 1 2048x1536 1/1 Yes Yes* Yes M-JPEG by design Need to AV3130 61906 M-JPEG 2048x1536 1 Yes Yes* retest H.264 AV3135 65135 1 2048x1536 1/1 Yes Yes Yes* M-JPEG AV3115 include D4F-AV3115-3312 and D4S-AV3115-3312 Note: H.264 Supported AV3145 65219 2048x1536 1/1 Yes 1 1-way Yes Yes* M-JPEG by design H.264 AV3146 65219 1 2048x1536 1/1 1-way Yes Yes Yes* M-JPEG 1. The streaming has low FPS under high quality. Note H.264 Tested by AV3155 65113 1 2048x1536 Yes Yes Yes* M-JPEG customer refer to H.264 1/1(*2 Supported AV3225 2048x1536 AV3115 1 Yes Yes Yes* M-JPEG by design) (65225) refer to 1/1(*2 Supported H.264 AV3226 AV3115 1 2048x1536 Yes* Yes Yes M-JPEG by design) (65225)refer to H.264 1/1(*2 Supported AV3245 1 2048x1536 Yes Yes* AV3115 Yes M-JPEG by design) (65225)refer to H.264 1/1(*2 Supported AV3246 AV3115 1 2048x1536 Yes Yes Yes* M-JPEG) by design (65225)H.264 AV3255 65218 1 Yes Yes* 2048x1536 Yes M-JPEG H.264 AV3256 65219 1 2048x1536 1/1 Yes Yes Yes* 1-way M-JPEG 1. The streaming has low FPS under high quality. Note Refer to H.264 AV3455 AV3105(65 2048x1536 1/1 1 Yes Yes Yes* M-JPEG 225) AV3456DN-H.264 65220 2048x1536 1/1 1 Yes Yes Yes* M-JPEG AV5100 61906 M-JPEG 1 2560x1600 Yes Yes Yes*

Supported

by design



*1: not avaliable on software

*2: not test on software For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

		Y	es*: Jo	vstick suppo	rt to co	ntrol PT	Z spe	eed in Crvs			
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	Camera Search Tool	Multi Stream Support	Remarks
Note:	AV5115 incl	ude D4F-A	V5115-:	3312 and D4S	-AV5115	5-3312			11001	<u> Тэйррог с</u>	
AV5125	165218	H.264 M-JPEG	1	2592x1944	-	1/1	-	Yes	Yes	Yes*	
AV5155	65152	H.264 M-JPEG	1	2592x1944	-	-	-	Yes	Yes	Yes*	
AV5245	165221	H.264 M-JPEG	1	2592x1944	-	1/1	Yes	Yes	Yes	Yes*	
Note:	Fps would n	ot meet se	tting du	e to camera po	erforma	nce.		•	•	•	•
AV5245DN	65229	H.264 M-JPEG	1	2560x1920	-	1/1	-	Yes	Yes	Yes*	
Note:	Fisheye cam	nera									
AV5255AM	65218	H.264 M-JPEG	1	2592x1944	*1	1(*1)/ 1	Yes	Yes	Yes	Yes*	
AV5455DN- F	65220	H.264 M-JPEG	1	2592x1944	-	1/1	-	Yes	Yes	Yes*	Supported by design
AV8180	65010	M-JPEG	4	1600x1184	-	-	-	Yes	Yes	Yes*	
AV8185		H.264 M-JPEG	4	1600x1200	-	-	ı	Yes	Yes	Yes*	
AV8185DN	65183	H.264 M-JPEG	4	1600x1200	-	-	-	Yes	Yes	Yes*	Supported by design
AV8360	65010	M-JPEG	4	1600x1184	-	-	-	Yes	Yes	Yes*	Supported by design
AV8365	166183	H.264 M-JPEG	4	1600x1200	-	-	ı	Yes	Yes	Yes*	
AV8365DN	65183	H.264 M-JPEG	4	1600x1200	-	1/1	-	Yes	Yes	Yes*	
Note:		nnels must	use the	same protoco e vision will fla			ual st	ream.			
AV10005		H.264 M-JPEG	1	3648x2752	-	-	ı	Yes	Yes	Yes*	
AV10115	65225	H.264 M-JPEG	1	3648x2752	-	1/1	-	Yes	Yes	Yes*	
AV10225	5225)	H.264 M-JPEG	1	3648x2752	-	1/1	-	Yes	Yes	Yes*	
AV10255		H.264 M-JPEG	1	3648x2752	-	1/1	-	Yes	Yes	Yes*	
AV10255PM TIR		H.264 M-JPEG	1	3648x2752	-	1/1	Yes	Yes	Yes	Yes*	
Note:	1. Camera is 2. PTZ only			e maximum FP focus.	S. (cam	era perfo	ormar	nce limitation	n)		



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	Camera Search Tool	Multi Stream Support	Remarks		
AV10256PM TIR	refer to AV10255P MTIR(6522 8)	H.264 M-JPEG	1	3648x2752	-	1/1	Yes	Yes	Yes	Yes*	Supported by design		
AV12176	65192	H.264 MJPEG	4	2048x1536	-	1/1	-	Yes	Yes	Yes*			
Note:	 Bitrate lis Snapshot 	t is not syl	nchroniz on is not	kimum bitrate. ted with camer as same as liv ximum fps with	a web. ve view.	(Camera (Camera	Firm a Firm	ware issue) nware issue)	nitaion)				
AV12186	65184	H264 MJPEG	4	2048x1536	-	1/1	-	Yes	Yes	Yes*			
Note:	DI can't wor	k.			•	•			•	•	•		
AV12186DN	refer to AV12186(6 5184)	H264 MJPEG	4	2048x1536	-	1/1	-	Yes	Yes	Yes*	Supported by design		
AV12366DN	65188	H.264 M-JPEG	4	2048x1536	-	1/1	-	Yes	Yes	Yes*			
Note:	Camera is u	nable to a	chieve n	naximum FPS.	(camera	perforn	nance	limitation)					
AV20175DN	65188	H.264 M-JPEG	4	2560x1920	-	1/1	-	Yes	Yes	Yes*			
AV20185	65183	H.264 M-JPEG	4	2560x1920	-	1/1	-	Yes	Yes	Yes*			
Note:	AV20185 inc	clude AV20)185DN,	AV20185CO									
AV20365	65183	H.264 M-JPEG	4	2560x1920	-	1/1	-	Yes	Yes	Yes*			
Note:				'enable extend AV20365CO	led on m	notion de	etectio	on" function	on camera v	web.			
AV40185	65186	H.264 M-JPEG	4	3648x2752	-	1/1	-	Yes	Yes	Yes*			
Generic		H.264 M-JPEG	1 or 4	By camera	1-way	1/1	Yes	Yes	Yes	Yes*			
Note:	Generic test model: AV5245 and AV12186 1. Fps would not meet setting due to camera performance. 2. Audio function possible doesn't work after connect/disconnect, and need to reboot camera to recover.												
Note:	-			such as AV818 e. the resolutio				_		es if configu	ring different		
Note:	All arecont of 1. Fps would		setting	due to camera	a perforr	mance.							



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
FB2027-1	Refer to FX2000 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	
FB2027-2	Refer to FX2000 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	
FB2027-3	Refer to FX2000 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	
FB2028	Refer to FX2000 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	
FB2028-T1	Refer to FX2000 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	
FB2028-T2	Refer to FX2000 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	
FB2028-TM	Refer to FX2000 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	
Note	1. MJPEG coul 2. UPNP searc			higher FPS Inge web port f	rom 80	to anot	her				
FB3027	2.5.1057.60	H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/0	-	Yes	Yes	Yes	
FB3028- RT1	Refer to FB3027 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/0	-	Yes	Yes	Yes	
FB3028- RT2	Refer to FB3027 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/0	-	Yes	Yes	Yes	
FB3028- RTM	-	H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/0	-	Yes	Yes	Yes	
FD2020	Refer to FX2000 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	



: not avaliable on camera*1: not avaliable on software

*2: not test on software For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support

Device Name	Tested Firmware		Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
FD3020	Refer to FB3027 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/0	-	Yes	Yes	Yes	
FD3020-M	Refer to FB3027 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/0	-	Yes	Yes	Yes	
FV2006	Refer to FX2000 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	
FV2028	Refer to FX2000 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	
FV3028	Refer to FX2000 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/0	-	Yes	Yes	Yes	
FV3028-RT	Refer to FB3027 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/0	-	Yes	Yes	Yes	
FV3028- RTM	Refer to FB3027 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/0	-	Yes	Yes	Yes	
FX2000	2.5.1057.60	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	
Note	1. MJPEG coul 2. UPNP searc			nigher FPS nge web port f	rom 80	to anotl	her				
FX3000-R	Refer to FB3027 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/0	-	Yes	Yes	Yes	
SF2121H- BHR-30	2.5.1057.60)		1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	
SF2121H- BHR-50	Refer to FX2000 (FW 2.5.1057.60)	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	
SF2121H-R	Refer to	H.264 MPEG4	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes	



*1: not avaliable on software*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/A2A2100kbps Yes*: multi stream setting support

For PTZ:

Device Name	Tested Firmware	Video Format	Video	Max Resolution			PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
205		M-JEPG	1	640x480	-		-	Yes	-	Yes	Supported by design
206		M-JEPG	1	640x480	-	-	-	Yes	Yes	Yes	Supported by design
206M		M-JEPG	1	1280x1024	-	-	-	Yes	Yes	Yes	Supported by design
206W		M-JEPG	1	640x480	-	1	-	Yes	Yes	Yes	Supported by design
207	4.40	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
207MW		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
207W		MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Note:	Not support	audio in M	JPEG								
209FD		MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	Supported by design
209FD-R		MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	Supported by design
209MFD		MPEG4 M-JPEG	1	1280x1024	-	-	Yes*	Yes	Yes	Yes	
209MFD-R		MPEG4 M-JPEG	1	1280x1024	-	-	Yes*	Yes	Yes	Yes	Supported by design
210		MPEG4 M-JPEG	1	640x480	-	1/1	-	Yes	Yes	Yes	Supported by design
2100	2.31	M-JPEG	1	640x480	-	-	-	-	-	-	
210A	4.40	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
211		MPEG4 M-JPEG	1	640x480	-	1/1	-	Yes	Yes	Yes	Supported by design
211A		MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
211M		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
211W		MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
212		MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes*	Yes	Yes	Yes	Supported by design
Note:	212 include 2	212 PTZ an	d 212 PT	Z-V					•	•	



*1: not avaliable on software
*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/A2A2100kbps Yes*: multi stream setting support

For PTZ:

Device Name	Tested Firmware	Video Format	Vidoo	Max Resolution			PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
213		MPEG4 M-JPEG	1	704x576	1-way	2/3	Yes*	Yes	Yes	Yes	Supported by design
Note:	213 include 2	13 PTZ									
214	4.33	MPEG4 M-JPEG	1	704x480	1-way	1/1	Yes*	Yes	Yes	Yes	
Note:	214 include 2	14 PTZ						1			•
215		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes*	Yes	Yes	Yes	Supported by design
Note:	215 include 2	15 PTZ and	d 215 PT	Z-E		•		•	4	•	•
216FD		MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
216FD-V		MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
216MFD		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
216MFD-V		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
221		MPEG4 M-JPEG	1	640x480	-	2/1	-	Yes	Yes	Yes	Supported by design
223M		MPEG4 M-JPEG	1	1600x1200	1-way	2/1	-	Yes	Yes	Yes	Supported by design
225FD		MPEG4 M-JPEG	1	640x480	-	2/1	-	Yes	Yes	Yes	Supported by design
231D		MPEG4 M-JPEG	1	704x576	-	4/4	Yes*	Yes	Yes	Yes	Supported by design
Note:	231D include	231D+	II.			•		•		•	•
232D		MPEG4 M-JPEG	1	704x576	-	4/4	Yes*	Yes	Yes	Yes	Supported by design
Note:	232D include	232D+									
233D		MPEG4 M-JPEG	1	704x576	1-way	4/4	Yes*	Yes	Yes	Yes	Supported by design
2400		M-JEPG	4	704x576	-	4/1	-	Yes	Yes	Yes	Supported by design
240Q		M-JEPG	4	704x576	-	4/4	-	Yes	Yes	Yes	Supported by design
240Q Blade		M-JEPG	4	704x576	-	4/4	-	Yes	Yes	Yes	Supported by design
241Q		MPEG4 M-JPEG	4	704x576	-	4/4	-	Yes	Yes	Yes	Supported by design
241Q Blade		MPEG4 M-JPEG	4	704x576	-	4/4	-	Yes	Yes	Yes	Supported by design
241QA	4.30	MPEG4 M-JPEG	4	704x576	1-way	4/4	-	Yes	Yes	Yes	



*1: not avaliable on software
*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/A2A2100kbps Yes*: multi stream setting support

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution			PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
241S		MPEG4 M-JPEG	1	704x576	-	4/4	-	Yes	Yes	Yes	Supported by design
241S Blade		MPEG4 M-JPEG	1	704x576	-	4/4	-	Yes	Yes	Yes	Supported by design
241SA		MPEG4 M-JPEG	1	704x576	1-way	4/4	-	Yes	Yes	Yes	Supported by design
242S		MPEG4 M-JPEG	1	704x576	-	4/4	-	Yes	Yes	Yes	Supported by design
243Q		MPEG4 M-JPEG	1	704x576	-	1/1	-	Yes	Yes	Yes	Supported by design
243Q Blade		MPEG4 M-JPEG	1	704x576	-	1/1	-	Yes	Yes	Yes	Supported by design
243SA		MPEG4 M-JPEG	1	704x576	1-way	4/4	-	Yes	Yes	Yes	Supported by design
2460		M-JEPG	4	704x576	-	4/1	-	Yes	Yes	Yes	Supported by design
247S		MPEG4 M-JPEG	1	704x576	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Generic		H.264 MPEG4 M-JPEG	Max 4	by Camera	1-way	Max 4/4	Yes	Yes	-	Yes*	
Note:	Only guarant		works fir	ne.							
F41	5.85.3	H.264 MJPEG	1	1920x1080	*2	*2(4/4)	-	Yes	*2	Yes*	
Note:	1. Does not s	support ACA	AP Motio	n (MainConsole). (Old Moti	on Setting:	http://	IP:PORT/o	perator/	motionDete	ection.shtml?nb
F44	5.85.3	H.264 MJPEG	4	1920x1080	*2	*2(4/4)	-	*2	*2	Yes*	
Note:	2. Does not s	support ACA	AP Motio	Witti web. (Camera n (MainConsole). ((Old Moti	on Setting:					
M1004-W	5.40.5.1	H.264 MJPEG	1	1280x800	- 08.id	1/1	-	Yes	Yes	Yes*	
M1011	5.00	H.264 MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	
M1011-W	5.00	H.264 MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	
M1013	5.40.5.1	H.264 M-JPEG	1	800x600	1-way	-	-	Yes	Yes	Yes	
M1014	5.40.5	H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	Yes	
M1025	5.40.5	H.264 MJPEG	1	1920x1080	_	-	-	*2	*2	Yes*	Tested by link
M1031-W	5.00	H.264 MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	



*1: not avaliable on software
*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/A2A2100kbps Yes*: multi stream setting support

For PTZ:

Device Name	Tested Firmware	Video Format	Vidoo	Max Resolution			PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
M1034-W	5.40beta1	H.264 M-JPEG	1	1280x800	1-way	1	-	Yes	Yes	Yes	
M1054	5.15	H.264 M-JPEG	1	1024x640	1-way	1/1	-	Yes	Yes	Yes	
M1103		H.264 M-JPEG	1	800x600	-	1	Yes*	Yes	Yes*	Yes	Supported by design
M1104	5.09	H.264 M-JPEG	1	1280x800	-	1	-	Yes	Yes*	Yes	
M1113	5.08	H.264 M-JPEG	1	800x600	-	-	Yes*	Yes	Yes	Yes	
M1114		H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes*	Yes	Supported by design
Note:	M1113-E is ca	ımpatible v	vith M11	13, M1114-E is car	mpatible	with M1114					
M1143-L	5.40beta19	H.264 M-JPEG	1	800x600	-	1/1	-	Yes	Yes	Yes	
M1144	5.40.10.4	H.264 M-JPEG	1	1280x800	-	1/1	-	Yes	Yes	Yes	
M2014	Refer to P1204(5.40.1 2)	H.264 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	Supported by design
M3004	5.50.5.1	H.264 M-JPEG	1	1280x800	-	-	-	*2	*2	Yes*	
M3005	5.40.5.3	H.264 M-JPEG	1	1920x1080	-	-	-	Yes	Yes	Yes	
M3006	5.40.13	H.264 M-JPEG	1	2048x1536	-	-	-	Yes	Yes	Yes	
M3007	5.55.1.1	H.264 M-JPEG	1	2592x1944	-	-	Yes*	Yes	Yes	Yes*	
Note:	Fisheye came		nual cal	ibration in Crystal	_						_
M3011	5.01	H.264 MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	Supported by design
M3014		H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	Yes	Supported by design
M3024-L	5.40.5	H.264 M-JPEG	1	1280x800	-	1/1	-	Yes	Yes	Yes	
M3025	5.50.5.1	H.264 M-JPEG	1	1920x1080	-	-	-	*2	*2	Yes*	
M3026	Refer to M3024- L(5.50.5)	H.264 M-JPEG	1	2048x1536	-	1/1	-	Yes	Yes	Yes	
M3027	refer to M3007(5.55.	H.264 M-JPEG	1	2592x1944	-	-	Yes*	Yes	Yes	Yes	Supported by design
Note:	Fisheye came	ra									



*1: not avaliable on software
*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/A2A2100kbps Yes*: multi stream setting support

For PTZ:

Device Name	Tested Firmware	Video Format	Vidoo	Max Resolution			PTZ	O E-l	UPnP	Multi Stream Support	Remarks
M3037	5.75.1	H.264 MJPEG	1	2592x1944	1-way	-	-	-	*2	Yes*	
Note:				max fps. [Camera Corner left, Panor				anorama C	Corner M	lodes. [Can	nera firmware
M3113-R		H.264 M-JPEG	1	800x600	-	-	Yes*	Yes	Yes	Yes	Supported by design
M3113-VE		H.264 M-JPEG	1	800x600	-	-	Yes*	Yes	Yes	Yes	Supported by design
M3114-R	5.11	H.264 M-JPEG	1	1280x800	-	-	Yes*	Yes	Yes	Yes	
M3114-VE		H.264 M-JPEG	1	1280x800	-	-	Yes*	Yes	Yes	Yes	Supported by design
M3203		H.264 M-JPEG	1	800x600	-	-	-	Yes	Yes	Yes	Supported by design
Note:	M3203-V is	campatible v	with M32	203							
M3204		H.264 M-JPEG	1	1280x800	-	-	-	Yes	Yes	Yes	Supported by design
Note:	M3204-V is	campatible v	with M32	204							
M5013		H.264 M-JPEG	1	800x600	1-way	-	Yes*	Yes	Yes	Yes	Supported by design
M5014		H.264 MPEG4	1	1280x720	1-way	2/2	Yes*	Yes	Yes	Yes	Supported by design
M7001		H.264 M-JPEG	1	720x576	-	-	Yes*	Yes	Yes	Yes	Supported by design
M7010	5.40.6.1	H.264 M-JPEG	4	720x576	-	-	Yes*	Yes	Yes	Yes	
M7014	5.40.7.1	H.264 M-JPEG	4	720x576	-	-	Yes*	Yes	Yes	Yes	
P1204	5.40.12	H.264 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	
P1214	5.40.12	H.264 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	
P1214-E	5.40.12	H.264 M-JPEG	1	1280x720	-	*2	-	*2	*2	Yes*	
P1311	5.01	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
P1343	5.06	H.264 M-JPEG	1	800*600	1-way	1/1	Yes*	Yes	Yes	Yes	
P1343-E		H.264 M-JPEG	1	640x480	1-way	1/1	Yes*	Yes	Yes	Yes	Supported by design



*1: not avaliable on software*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/A2A2100kbps Yes*: multi stream setting support

For PTZ:

			<u>Yes*: Jo</u>	<u>systick support to</u>	o contro	of PTZ spee	<u>ed in C</u>	rystal			
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
P1344		H.264 M-JPEG	1	1280x800	1-way	1/1	Yes*	Yes	Yes	Yes	Supported by design
P1344-E		H.264 M-JPEG	1	1280x800	1-way	1/1	Yes*	Yes	Yes	Yes	Supported by design
P1346	5.06	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes*	Yes	Yes	Yes	
P1346-E		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes*	Yes	Yes	Yes	Supported by design
P1347	5.11	H.264 M-JPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	
P1347-E		H.264 M-JPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
P1353-E	refer to P1354 (5.40.14)	H.264 M-JPEG	1	800x600	1-way	1/1	-	Yes	Yes	Yes	Supported by design
P1354	5.60.1	H.264 M-JPEG	1	1280x960	1-way	1/1	Yes	*2	*2	Yes*	
Note:	H264 AAC no		n Titan v	1.5.1 and above v	ersion						•
P1355-E	refer to P1354 (5.40.14)	H.264 M-JPEG	1	800x600	1-way	1/1	-	Yes	Yes	Yes	Supported by design
P1357	5.40.19.1	H.264 M-JPEG	1	2592x1944	*2	*2	*2	Yes	*2	Yes	
P1405-LE	5.80.1	H.264 MJPEG	1	1920x1080	-	-	Yes	*2	*2	Yes*	
P1425-E	Refer to P1425- LE(5.80.1)	H.264 MJPEG	1	1920x1080	-	-	Yes	*2	*2	Yes*	Supported by design
P1425-LE	5.80.1	H.264 MJPEG	1	1920x1080	-	1/1	Yes	*2	*2	Yes*	
Note:	PTZ only sup	port zoom	& focus.								
P1427-E	5.80.1	H.264 MJPEG	1	2592x1944	-	*2	Yes	*2	*2	Yes*	
Note:			,	with web. (Camerance camera connec		•	Firmwa	are issue)			
P1428-E	5.55.1	H.264 M-JPEG	1	3840x2160	-	*2	Yes*	*2	*2	Yes*	
P3214-V	5.55.3.2	H.264 MJPEG	1	1280x960	-	*2	Yes	*2	*2	Yes*	
Note:	Zoom speed	setting doe	s not su	pport.(Camera limi	tation)						
P3215-V	5.55.3.2	H.264 MJPEG	1	1920x1080	-	*2	Yes	*2	*2	Yes*	
P3224	Refer to P3224-LV (5.75.3.1)	H.264 MJPEG	1	1280x960	-	-	Yes	*2	*2	Yes*	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/A2A2100kbps Yes*: multi stream setting support

For PTZ:

		,	Yes*: Joystick support to control PTZ speed in Crystal										
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks		
P3224-LV	5.75.3.1	H.264 MJPEG	1	1280x960	-	-	Yes	*2	*2	Yes*			
P3225	Refer to P3225-LVE (5.75.3.1)	H.264 MJPEG	1	1920x1080	-	-	Yes	*2	*2	Yes*	Supported by design		
P3225-LVE	5.75.3.1	H.264 MJPEG	1	1920x1080	-	-	Yes	*2	*2	Yes*			
P3301	5.11	H.264 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design		
P3301-V		H.264 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design		
P3304		H.264 M-JPEG	1	1280x800	1-way	1/1	Yes*	Yes	Yes	Yes	Supported by design		
P3304-V		H.264 M-JPEG	1	1280x800	1-way	1/1	Yes*	Yes	Yes	Yes	Supported by design		
P3343	5.06	H.264 M-JPEG	1	800x600	1-way	1/1	Yes*	Yes	Yes	Yes	Supported by design		
Note:	P3343-V and P3343 suppor			patible with P3343									
P3344	5.06	H.264 M-JPEG	1	1280x800	1-way	1/1	Yes*	Yes	Yes	Yes			
Note:	P3344-V and P3344 suppor			patible with P3344									
P3346	5.20	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes*	Yes	Yes*	Yes			
Note:	P3346-V and P3346 suppor			patible with P3346									
P3353		H.264 M-JPEG	1	800x600	1-way	1/1	-	Yes	Yes	Yes			
P3354	5.40.10.2	H.264 M-JPEG	1	1280x960	1-way	1/1	-	Yes	Yes	Yes	tested by link		
P3363	5.40.17.1	H.264 MJPEG	1	800x600	*2	*2	*2	*2	*2	Yes*	tested by link		
P3364	5.40.10.2	H.264 M-JPEG	1	1280x960	1-way	1/1	-	Yes	Yes	Yes	tested by link		
P3364-L	5.60.1.4	H.264 MJPEG	1	1280x960	1-way	1/1	Yes	*2	*2	Yes*			
Note:	PTZ only supp	oort zoom	& focus.										
P3364-LV	Refer to P3364- L(5.60.1.4)	H.264 MJPEG	1	1280x960	1-way	1/1	Yes	*2	*2	Yes*	Supported by design		
P3365	5.55.3.2	H.264 M-JPEG	1	1920x1080	*2	1/1	Yes	*2	*2	Yes*	tested by link		



*1: not avaliable on software
*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/A2A2100kbps Yes*: multi stream setting support

For PTZ:

			<u>Yes*: Jo</u>	<u>oystick support to</u>	<u>o contre</u>	ol PTZ spee	<u>d in C</u>	rystal			
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
P3365-V	Refer to P3365(5.55.3	H.264 M-JPEG	1	1920x1080	*2	1/1	Yes	*2	*2	Yes*	Supported by design
P3365-VE	Refer to P3365(5.55.3	H.264 M-JPEG	1	1920x1080	*2	1/1	Yes	*2	*2	Yes*	Supported by design
P3367	5.40.3	H.264 M-JPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes	tested by link
Note:	P3367-V, P33	67-VE are	campati	ble with P3367							
P3384	5.40.19	H.264 MJPEG	1	1280x960	*2	*2	-	*2	*2	Yes*	tested by link
P3905	5.55.3	H.264 MJPEG	1	1920x1080	-	-	-	Yes	*2	Yes*	tested by link
P3905-R	Refer to P3905(5.55.3	H.264 MJPEG	1	1920x1080	-	-	-	*2	*2	Yes*	Supported by design
P3905-RE	Refer to P3905(5.55.3)	H.264 MJPEG	1	1920x1080	-	-	-	*2	*2	Yes*	Supported by design
P3915	5.55.3	H.264 MJPEG	1	1920x1080	*2	1/1(*2)	-	*2	*2	Yes*	tested by link
P3915-R	Refer to P3915(5.55.3	H.264 MJPEG	1	1920x1080	*2	1/1(*2)	-	*2	*2	Yes*	Supported by design
P5414	5.55.1	H.264 M-JPEG	1	1280x720	1-way	4/4	Yes	Yes	Yes	Yes	tested by link
P5415	Refer to P5414(5.55.1)	H.264 M-JPEG	1	1920x1080	1-way	4/4	Yes	Yes	Yes	Yes	
P5512		H.264 M-JPEG	1	704x480	1-way	4/4	Yes*	Yes	Yes	Yes	Supported by design
P5512-E		H.264 M-JPEG	1	704x480	1-way	4/4	Yes*	Yes	Yes	Yes	Supported by design
P5514	5.85.1	H.264 M-JPEG	1	1280x720	*2	4/4	Yes	*2	*2	Yes*	
Note:				web. (Camera Firn with web. (Camera							
P5522		H.264 M-JPEG	1	720x480	1-way	4/4	Yes*	Yes	Yes	Yes	Supported by design
P5522-E		H.264 M-JPEG	1	720x480	1-way	4/4	Yes*	Yes	Yes	Yes	Supported by design
P5532	5.15	H.264 M-JPEG	1	720x480	1-way	2/2	Yes*	Yes	Yes*	Yes	
P5532-E		H.264 M-JPEG	1	720x480	1-way	2/2	Yes*	Yes	Yes	Yes	Supported by design
P5534	5.15.1	H.264 M-JPEG	1	1280x720	1-way	2/2	Yes*	Yes	Yes	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/A2A2100kbps Yes*: multi stream setting support

For PTZ:

			Yesh: Jo	Systick support to	Contro	I PTZ Spee	ia in C	rystai		Multi	
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Stream Support	Remarks
P5534-E		H.264 M-JPEG	1	1280x720	1-way	2/2	Yes*	Yes	Yes	Yes	Supported by design
P5544	5.41.2.2	H.264 M-JPEG	1	1280x720	*2	*2	Yes	*2	*2	Yes*	
Note:	P5544 is a tv	wo-len (fish	eye and	PTZ) camera							
P5624	Refer to P5624- E(5.75.1)	H.264 M-JPEG	1	1280x720	-	-	Yes*	*2	*2	Yes*	Supported by design
P5624-E	5.75.1	H.264 M-JPEG	1	1280x720	-	-	Yes*	*2	*2	Yes*	tested by link
P5635	Refer to P5635- E(5.75.1)	H.264 M-JPEG	1	1920x1080	*2	2	Yes*	*2	*2	Yes*	Supported by design
P5635-E	5.75.1	H.264 M-JPEG	1	1920x1080	*2	2/2(*2)	Yes*	*2	*2	Yes*	tested by link
P7210	5.50.2	H.264 M-JPEG	20*	1536x1152	1-way	16/16	Yes*	Yes	Yes	Yes	
Note:	P7210 is 4IP	x 5channel	s video	server							
P7214	Refer to P7210	H.264 M-JPEG	4	720x576	1-way	4/4	Yes*	Yes	Yes	Yes	Supported by design
P7224	5.40.7	H.264 M- IPEG	4	720x576	1-way	4/4	Yes*	Yes	Yes	Yes	
Note:	P7224 can't	use second	audio in	put. First audio onl	y suppo	rt G.711					
P8221	5.10.2	*2	1	-	*2	*2	-	-	*2	-	
Note:	Network I/O	audio modi	ule								
P8513	Refer to P8514	H.264 M-JPEG	1	800x600	-	0/0	-	Yes	Yes	Yes	Supported by design
P8514	5.21	H.264 M-JPEG	1	1280x800	-	0/0	-	Yes	Yes	Yes	
Q1602	5.40.3	H.264 M-JPEG	1	768x576	1-way	1/1	-	Yes	Yes	Yes	tested by link
Note:	P7210, P851 Q1602-E is c			ot testing Audio, I/ 02	O, UPNI	capability					
Q1604	5.40.3.2	H.264 M-JPEG	1	1280x960	1-way	1/1	-	Yes	Yes	Yes	
Note:	1. Not suppo 2. Does not						•	•	•	•	
Q1614	5.55.1	H.264 MJPEG	1	1280x960	*2	*2	-	*2	*2	Yes*	tested by link
Q1615	5.55.3	H.264 MJPEG	1	1920x1200	*2	*2	-	*2	*2	Yes*	tested by link
Note:	Q1614 and 0	Ω1615: Max	framera	ate show 60 regard	less of A	Axis Capture	mode.		•		



*1: not avaliable on software

*2: not test on software For multi stream support:

Yes: multi stream fix to 500kbps/A2A2100kbps

Yes*: multi stream setting support

For PTZ:

			103 . 30	Dystick support to	Contro	JIFIZ Spee				Multi	
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Stream Support	Remarks
Q1635	5.80.1.2	H.264 MJPEG	1	1920x1200	*2	*2(2/0)	Yes	*2	*2	Yes*	
Note:				mum FPS with MJPI num FPS with conn							e limitation)
Q1755	5.02	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes*	Yes	Yes	Yes	
Note:	M-JPEG: Due	to the HW	constrai	nts, the frame rate	and au	dio will be in	npacted	d if resoluti	on and	quality are	high.
Q1755-E		H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes*	Yes	Yes	Yes	Supported by design
Q1765-LE	5.55.1	H.264 M-JPEG	1	1920x1080	1-way	2/2	Yes*	Yes	Yes	Yes	
Q1910	5.06	H.264 M-JPEG	1	720x576	1-way	1/1	Yes*	Yes	Yes	Yes	
Q1910-E		H.264 M-JPEG	1	720x576	1-way	1/1	Yes*	Yes	Yes	Yes	Supported by design
Q1921	5.11	H.264 M- IPFG	1	768x576	1-way	2/0	-	Yes	Yes*	Yes	
Note:	Q1921 camer	a not testir	ng Audio	, I/O, UPNP capabi	lity		ı	ı		T	
Q1921-E		H.264 M-JPEG	1	768x576	1-way	2/0	-	Yes	Yes	Yes	Supported by design
Q1922	Refer to Q1921	H.264 M-JPEG	1	800x600	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Q1931-E	5.55.1	H.264 M-JPEG	1	768X576	1-way	2/2	-	Yes	*2	Yes	
Note:	1.Thermal cal 2.Up to 30 fp countriesa		, Norwa	y, Switzerland, Car	nada, US	SA, Japan, Au	l ustralia	, New Zeal	landUp 1	to 8.3 fps in	other
Q2901-E	5.55.4.1	H.264 M-JPEG	1	720x576	*2	-	-	*2	*2	Yes*	
Q3505	5.80.1	H.264 M-JPEG	1	1920x1200	*2	-	Yes	*2	*2	Yes*	tested by link
Note:		range error	.(Firmw		on of ca	mera. (Came	era Per	formance I	ssue)		
Q3505-V	Refer to Q3505(5.80. 1)	H.264 M-JPEG	1	1920x1200	*2	-	Yes	*2	*2	Yes*	Supported by design
Q6000	Refer to Q6000- E(5.65.1)	H.264 M-JPEG	5	1920x1440	-	-	-	*2	*2	Yes*	Supported by design
Q6000-E	5.65.1	H.264 M-JPEG	5	1920x1440	-	-	-	*2	*2	Yes*	tested by link
Note:	1.The range of	of 5th's fran	ne rate	is different from th	at on ca	mera web. (Camer	a firmware	issue).		



Note:

- : not avaliable on camera

*1: not avaliable on software
*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/A2A2100kbps Yes*: multi stream setting support

For PTZ:

Yes*: Joystick support to control PTZ speed in Crystal

Device Name	Tested Firmware	Video Format	Video	Max Resolution			PTZ	On-Edge Motion	UPnP	Multi Stream	Remarks
- Turno	- IIIIIII	ronnat						Motion		Support	
Q6032		H.264 M-JPEG	1	752x480	1-way	4/4	Yes*	Yes	Yes	Yes	Supported by design
Q6032-E	5.05	H.264 M-JPEG	1	704x576	-	-	Yes*	Yes	Yes	Yes	
Q6034	5.20.3	H.264 M-JPEG	1	1280x720	1-way	2/2	Yes*	Yes	Yes*	Yes	
Q6034-E		H.264 M-JPEG	1	1280x720	1-way	2/2	Yes*	Yes	Yes	Yes	Supported by design
Q6035		H.264 M-JPEG	1	1920x1080	1-way	4/4	Yes*	Yes	Yes	Yes	Supported by design
Q6035-E		H.264 M-JPEG	1	1920x1080	1-way	-	Yes*	Yes	Yes	Yes	Supported by design
Q6042	5.55.1	H.264 M-JPEG	1	752x480	1-way	4/4	Yes*	Yes	*2	Yes	
Q6044	5.55.1	H.264 M-JPEG	1	1920x1080	1-way	4/4	Yes*	Yes	Yes	Yes	Supported by design
Q6044-E	5.70.1.1	H.264 MJPEG	1	1280x720	-	-	Yes	*2	*2	Yes*	Supported by design
Q6045	5.55.1	H.264 M-JPEG	1	1920x1080	1-way	4/4	Yes*	Yes	Yes	Yes	Tested by link
Q6045-E	5.70.1.1	H.264 M-JPEG	1	1920x1080	-	-	Yes*	*2	*2	Yes*	
Note:	1. PTZ speed	l does not s	ync with	web. (Camera Firi	mware is	ssue)					
Q6115-E	5.65.2	H.264 MJPEG	1	1920x1080	-	-	Yes*	*2	*2	Yes*	
Q7401		H.264 M-JPEG	1	704x576	1-way	2/2	Yes*	Yes	Yes	Yes	Supported by design
Q7404	5.02	H.264 M-JPEG	4	768x576	1-way	1/1	Yes*	Yes	Yes	Yes	
Q7406	5.11.1	H.264 M-JPEG	6	704x576	-	1/1	Yes*	Yes	Yes	Yes	
Q7411	5.40.13.1	H.264 M-JPEG	1	720x576	1-way	4/4	Yes*	Yes	Yes	Yes	
Q7414	5.25	H.264 M-JPEG	4	720x576(PAL) 720x480(NTSC)	1-way	1/1	Yes*	Yes	Yes	Yes	tested by link
Q7424-R	5.40.10	H.264 M-JPEG	4	720x576	1-way	4/4	Yes*	Yes	Yes	Yes	
V5915	5.75.1	H.264 MJPEG	1	1920x1080	*2	*2(4/4)	Yes	_	*2	Yes*	

1. Camera cannot achieve maximum FPS with high resolution and bitrate. (Camera performance limitation)

2. Framerate list can not sync with web. (Camera Firmware issue)



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device	Tested	Video	Video	Max		1/0		On-Edge		Multi	
Name	Firmware	Format	Ch	Resolution	Audio	Ch	PTZ	Motion Motion	UPnP	Stream Support	Remarks
BIP-640c		H.264 MPEG4 M-JPEG	1	640x480	-	1/1	-	-	-	-	Tested by manufacturer
BIP-640c- dn		H.264 MPEG4 M-JPEG	1	640x480	-	1/1	-	-	-	-	Tested by manufacturer
BIP-1000c		H.264 MPEG4 M-JPEG	1	1024x768	-	1/1	-	-	-	-	Tested by manufacturer
BIP-1000c- dn		H.264 MPEG4 M-JPEG	1	1024x768	-	1/1	-	-	-	-	Tested by manufacturer
BIP-1300c		H.264 MPEG4 M-JPEG	1	1280x960	-	1/1	-	-	-	-	Tested by manufacturer
BIP-1300c- dn	BIP-1300c- dn-1.6-2	H.264 MPEG4 M-JPEG	1	1280x960	-	1/1	-	Yes	-	-	
Note:	On-Edge Moti	on: H.264	and M-J	PEG.							
BIP-1600c		H.264 MPEG4 M-JPEG	1	1600x1200	-	1/1	-	-	-	-	Tested by manufacturer
BIP-1600c- dn		H.264 MPEG4 M-JPEG	1	1600x1200	-	1/1	-	-	-	-	Tested by manufacturer
BIP- D1000c-dn		H.264 MPEG4 M-JPEG	1	1024x768	-	1/1	-	-	-	-	Tested by manufacturer
BIP- D1300c-dn	BIP-D1300c- dn-1.6-1	H.264 MPEG4 M-JPEG	1	1280x960	-	1/1	-	Yes	-	-	
Note:	On-Edge Moti	on: H.264	and M-J	PEG.		•	-	-		-	-
BIP2- D1920c-DN	3.8.0	H.264 MPEG4 M-JPEG	1	1920x1440	-	1/1	-	Yes	Yes	Yes	
Note:	Not support A	Audio									



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format		Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
NBC-225-P	refer to NDC-225 (FW: 39500 570)	H.264	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
NBC-255-P	refer to NDC-225 (FW: 39500 570)	H.264	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
NBC-265-P	refer to NTC-265- PI (FW: 395 00570)	H.264	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	Supported by design
NBC-274-P	refer to NTC-265- PI (FW: 155 00552)	H.264	1	1920x1080	1-way	-	-	Yes	Yes	Yes	Supported by design
NBC-274-PM	refer to NTC-265- PI (FW: 155 00552)	H.264	1	1920x1080	1-way	-	-	Yes	Yes	Yes	Supported by design
NBC-274-PT	refer to NTC-265- PI (FW: 155 00552)	H.264	1	1920x1080	1-way	-	-	Yes	Yes	Yes	Supported by design
NBC-455	5.72.0028(28500572)	H.264	1	704x576	*2	*2	-	*2	*2	Yes	
Note:	structure→ 2. Only sup	IP) i. (NUU port G.711	O Serve Laudio (le of GOP strucer limitation) codec. i. (Came alue. i. (Camer	era perfo	ormance	: limitati		ofile N→	Expert Settii	ngs→GOP
NBN-498	5.72.0028(28500572)	H.264	1	704x576	*2	*2	-	*2	*2	Yes	
Note:	structure→ 2. Only sup	IP) i. (NUU port G.711	O Serve Laudio d	le of GOP struc er limitation) codec. i. (Came alue. i. (Camer	era perfo	ormance	: limitati		ofile N→	Expert Settii	ngs→GOP
NBN-733	refer to NIN- 733(5.90.0 112)	H.264	1	1280x720	1-way	2/1	-	Yes	Yes	Yes	Supported by design
NBN-832	refer to NDN-832(5.90.0112)	H.264	1	1920x1080	1-way	2/1	-	Yes	Yes	Yes	Supported by design
NBN-40012	refer to NTI- 40012(5.9 0.0126 (26510590	H.264	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	Supported by design
NBN-50022	refer to NTI- 50022(5.9 0.0126 (26510590	H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design



MP SD".

- : not avaliable on camera

*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

	Tankad		Video	stick support	lo con		Z Spece			Multi	
Device Name	Tested Firmware	Video Format	Ch	Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Stream Support	Remarks
NBN-71013- B	5.92.0090(90500592)	H.264	1	1280x720	1-way	2/1	Yes*	Yes	Yes	Yes*	
Note:	1. FPS can	not achiev	e settinç	g value. (Came	ra perfo	rmance	limitati	on)	•		
NDC-225	39500570	H.264	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
Note:	should be "	1'.		ot support L1,		o-adjust	the qua	ality setting.	For mir	nimum qualit	ty, the value
NDC-255-P	refer to NDC-225 (FW: 39500 570)	H.264	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
NDC-225-PI	refer to NDC-225 (FW: 39500 570)	H.264	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
NDC-265-P	refer to NTC-265- PI (FW: 395 00570)	H.264	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	Supported by design
NDC-274-P	15500552	H.264	1	1920x1080	1-way	-	-	Yes	Yes	Yes	
Note:	should be "	1".		"0", the camera		to-adju	st the q	uality setting	g. For m	inimum qua	lity, the value
NDC-274-PT	refer to NDC-274-P	H.264	1	1920x1080	1-way	-	-	Yes	Yes	Yes	
NDC-455	refer to NBC- 455(5.72.0 028)	H.264	1	704x576	1-way	2/1	-	Yes	Yes	Yes*	Supported by design
NDN-498	refer to NBN- 498(5.72.0 028)	H.264	1	704x576	1-way	2/1	-	Yes	Yes	Yes*	Supported by design
NDN-733	refer to NIN- 733(5.90.0 112)	H.264	1	1280x720	1-way	2/1	-	Yes	Yes	Yes	Supported by design
NDN-832	5.90.0112	H.264	1	1920x1080	1-way	2/1	-	Yes	Yes	Yes	
Note:	structure→ 2. Only sup	IP) port G.711	I audio d							·	ings→GOP



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format		stick support Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks			
NDN-40012	refer to NTI- 40012(5.9 0.0126 (26510590))	H.264	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	Supported by design			
NDN-50022	refer to NTI- 50022(5.9 0.0126 (26510590))	H.264	1	1920x1080	1-way	1/1	ı	Yes	Yes	Yes	Supported by design			
NDI_50022	refer to NTI- 50022(5.9 0.0126 (26510590))	H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design			
NIN-733	5.90.0112	H.264	1	1280x720	1-way	2/1	-	Yes	Yes	Yes				
Note:	structure→l 2. Only sup	1. H.264 only support IP mode of GOP structure. (Camera→Encoder Profile→Profile N→Expert Settings→GOP structure→IP) 2. Only support G.711 audio codec. 3. Can't set framerate 1 under base frame rate 50/60 ips mode. (Camera firmware issue)												
	NDN-832(5.90.0112)	H.264	1	1920x1080	1-way	2/1	-	Yes	Yes	Yes	Supported by design			
	refer to NTI- 40012(5.9 0.0126 (26510590))	H.264	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	Supported by design			
NTC-255-PI	refer to NDC-225 (FW: 39500 570)	H.264	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design			
NTC-265-PI	refer to NDN-265- PIO (FW 39500570)	H.264	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	Supported by design			
NDN-265- PIO	39500570	H.264	1	1280x720	1-way	1/1	-	Yes	Yes	Yes				
	When H.26 should be "	4 quality is 100″	set to "	280x720 where of the camera NUUO platform	a will Au						lity, the value			



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

		Ye	s*: Joy	stick support	t to con	trol PT	Z speed	d in Crysta		_	_	
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks	
NTI-40012	5.90.0126	H.264	1	1280x720	1-way	1/1	-	Yes	Yes	Yes		
Note:	structure→ 2. Only sup 3. After cha setting.i. (C	IP)i. (NUU(port G.711 Inging MJP Camera firn	O Server Laudio d EG reso nware is	codec.i. (Came lution on web a	era perfo and gett	rmance ing cam	limitatio era sett	on) ing on NUU(O, resol	·	ings→GOP urn to previous	
NTI-50022	5.90.0126	H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes		
Note:	 H.264 only support IP mode of GOP structure. (Camera→Encoder Profile→Profile N→Expert Settings→GOP structure→IP)i. (NUUO Server limitation) Only support G.711 audio codec.i. (Camera performance limitation) After changing MJPEG resolution on web and getting camera setting on NUUO, resolution will return to previous setting.i. (Camera firmware issue) Snapshot resolution is not correspond to existing profile. (Camera firmware issue) 											
NUC-50022	refer to NTI- 50022(5.9 0.0126 (26510590))	H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design	
NUC-51022	refer to NTI- 50022(5.9 0.0126 (26510590))	H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design	
NWC-455	56500410	H.264 M-JPEG	1	704x576	-	-	-	Yes	-	Yes	Supported by design	
Note:	When H264 should be '' When MJPE should be ''	orts up to a quality is 100'. G quality is 1'.	a maxim set to 'C	ed. num of 2CIF as o', the camera '0', the camera n camera load.	will auto a will au	o-adjust to-adjus	the qua	ality setting. Jality setting	J. For m	inimum qual	ity, the value	



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video	Video Ch	stick support Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks		
NWC-495	56500410	H.264 M-JPEG	1	704x576	-	-	-	Yes	-	Yes	Supported by design		
Note:	When H264 should be '' When MJPE should be '' Firmware Is	orts up to a quality is 100'. G quality is 1'. ssue: MJPE	a maxim set to 'C s set to G frame	um of 2CIF as o', the camera o', the camera erate on setting rate of MJPEG	will auto a will aut gs dialog	o-adjust to-adjus i is incoi	the quant t the quant rect. Th	lity setting. ality setting ne value is a	. For mi	inimum quali 5.			
NWD-455	56500410	H.264 M-JPEG	1	704x576	_	-	-	Yes	-	Yes	Supported by design		
Note:	Cannot auto detect model. H264 supports up to a maximum of 2CIF as this utilizes the Baseline Profile. When H264 quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '100'. When MJPEG quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '1'. Firmware Issue: MJPEG framerate on settings dialog is incorrect. Firmware Issue: Framerate of MJPEG stream is unstable.												
NWD-495	56500410	H.264 M-JPEG	1	704x576	-	-	-	Yes	-				
Note:	Cannot auto detect model. H264 supports up to a maximum of 2CIF as this utilizes the Baseline Profile. When H264 quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '100'. When MJPEG quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '1'. Firmware Issue: MJPEG framerate on settings dialog is incorrect. The value is always 25. MJPEG unstable issue. Frame rate of MJPEG stream is dependent on the camera load and can vary.												
VIP-X1XF-E	39500570	H.264	1	704x480	1-way	1/1	-	Yes	Yes	Yes			
Note:	39500570 H.264 1 704x480 1-way 1/1 - Yes Yes Yes When H264 quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '1'. Audio Codec support g711, not support L1, AAC.												



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

		Y∈	es*: Joy	stick support	to con	trol PT	Z speed	d in Crysta					
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I / O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks		
Generic	5.90.0112 (12510590)	H.264	1	1920x1080	1-way	2/2	*2	Yes	Yes	Yes*			
Note:	1. H.264 only support IP mode of GOP structure. (Camera→Encoder Profile→Profile N→Expert Settings→GOP structure→IP) (NUUO Server limitation) 2. Only support G.711 audio codec. (Camera performance limitation) 3. After changing MJPEG resolution on web and getting camera setting on NUUO, resolution will return to previous setting. (Camera firmware issue) 4. Snapshot resolution is not correspond to existing profile. (Camera firmware issue) 5. Sometimes set multi-stream fail due to limitations of inter-streaming dependency. (NUUO Server limitation) 6. Can't set tream3 quality value. (Camera firmware issue) 7. Some resolution can't set framerate (NIN-733 Stream2 only support fps 7.5 under 1280x720)(Camera performance limitation) 8. MJPEG framerate can't synchronize to web setting. (Camera performance limitation) 9. Can't set framerate 1 under base frame rate 50/60 ips mode. (Camera performance limitation) 10. NUUO not test ptz functions.												
VG5-7028- C1PC4	Refer to VG5-7130- CPT4 (6.11.0021	H.264	1	1280x720	1-way	2/1	Yes*	Yes	-	Yes*	Supported by design		
VG5-7130- EPC4	Refer to VG5-7130- CPT4 (6.11.0021	H.264	1	1280x720	1-way	2/1	Yes*	Yes	-	Yes*	Supported by design		
VG5-7130- CPT4	6.11.0021	H.264	1	1280x720	1-way	2/1	Yes*	Yes	-	Yes*			
Note:	2The moti	ion event v	we got o	ra Firmware iss inly support wher by onvif com	nen VCA						irmware issue) ce. (Camera		

- Firmware issue)
- 4. There are same resolution in resolution list of Low & Min. (Camera Firmware issue)



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

		Υ	'es*: Jo	ystick suppo	For P		TZ spee	ed in Cryst	al			
Device Name	Tested Firmware	Video Format	Video Ch		Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks	
OSD-200A 20xp	gk20140422 NSA	H.264, MJPEG	1	1920x1080	*2	*2	Yes*	Yes	*2	Yes*		
Note:				ne of stream c irmware issue)		JPEG. (Camera	firmware is:	sue)			
30xN	v3.2.2.8	H.264, MJPEG, MPEG4	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes		
Note:	Fisheye camera with manual calibration in Crystal 1. Cover model: MD-300Np, FB-300Np, WFB-300Np, FD-302Np, VD-302Np, OB-302Np, OB-302Ne, WOB-302Ne, FB-200Np, OB-202Np, VD-202Np. VD-300Np, FD-300Np, OB-300Np, WOB-300Np, GOB-300Np with zoom feature. OB-300Np-AD, OB-200Np, VD-200Np with zoom and focus feature. MD-300Np-360 is fisheye camera 2. MD-300Np-360 not support MD when format is MJPEG and MPEG4. 4. The RTSP stream has been disconnected in 5 minutes when the protocol is use under HTTP. 5. The Zoom , Focus or Auto Focus function has no response via camera web or CGI command. 6. The Motion Detection always triggered when the frame rate is 1. 7. The Crystal does show error when setup camera parameter to higher resolution. V3. 1. 0.9 M-JPEG M-J											
130N	v3.1.0.9	MPEG4	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes		
Note:	difference is v	OB-130Np v/o zoom o	control	·	Np, VD-	130Np.	FB-130ľ	Np, WFB-13	ONp con	npare them with	OB-130Np	
50xA	V3.2.2.8	H.264 MPEG4 M-JPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes		
Note:	502Ap , VD-3 OB-200Ap , FE OB-200Ap and 2. switch vide 3. MD-500Ap- 4. MD-500Ap- 5. Support fis 6.Max framera 7.The RTSP st 8.The image i 9.The Zoom of	01Af, VD-5 3-200Ap, C d VD-200A o resolution 360 is not 360 not such theye came ate can't sy tream has s broken war Focus fuill il does sho	500Ap, \ DB-202A DP with z In higher Support M Pera. Sync with Deen dis When the Inction h W error	/D-502Ap , OB	s function Solve to the control Solve to the contro	MB-500 n. d waitir udio onl EG and mode or s when resolutionera we irametel	ng a per y. MPEG4. n camer the pro on is 250 b or CG r to high	iod of time to a web. tocol is use 192x1944 or 1 command.	to recon under H 2304x1 n.	TTP. 728.	•	
CB-100Ae	v3.0.2.4	MPEG4 M-JPEG	1	1280x800	1-way	-	-	-	Yes	Yes	Tested by manufacturer	
CB-100A	v3.0.2.4	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	-	Yes	Yes	Tested by manufacturer	
FB-100Ae	v3.0.2.3	MPEG4 M-JPEG	1	1280x800	1-way	1/0	-	-	Yes	Yes	Tested by manufacturer	

Tested by

manufacturer

Yes

Yes

H.264

MPEG4

M-JPEG

1

1280x800

1-way

1/0

FB-100A

v3.0.2.3



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I / O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks			
FD-100Ae	v3.0.2.3	MPEG4 M-JPEG	1	1280x800	1-way	1/0	-	-	Yes	Yes	Tested by manufacturer			
FD-100A	v2.3.7.8	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/0	-	-	Yes	Yes				
FD-130Ae	Refer to VD- 130Ap	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design			
FD-130Ap	Refer to VD- 130Ap	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design			
Hydracam	v3.2.3.4	H.264	3	1280x720	1-way	2/2	-	-	Yes	Yes				
Note:		and bitrate does not pl	e list is r	ed. not synchronize othly when the				page.						
OB-100A	v3.1.0.8	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	Yes				
OB-E200Nf	v3.7.0.18.3u		1	1920x1080	-	-	-	Yes	Yes	Yes*				
VD-130Ae	Refer to VD- 130Ap	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design			
VD-130Ap		H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes				
VS-04A v2	3.5.2.15	H.264 MJPEG	4	720x576	1-way	4/4	Yes	Yes	Yes	Yes				
Note:	PTZ isn't work Audio isn't wo The list of res	ork	d bitrate	aren't synchol	ronized v	with the	camera	ı's web						
W/VS-01A	v3.1.0.6	H.264 MPEG4 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	Yes				
WCB-100Ae	v3.0.2.4	MPEG4 M-JPEG	1	1280x800	1-way	-	-	-	Yes	Yes	Tested by manufacturer			
WCB-100A	v2.3.7.8	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	-	Yes	Yes				
WFB-100Ae	v3.0.2.3	MPEG4 M-JPEG	1	1280x800	1-way	1/0	-	-	Yes	Yes	Tested by manufacturer			
WFB-100A	v2.3.7.8	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/0	-	-	Yes	Yes				
Note:	On-edge motion is only workable when stream 1 is MPEG4 with the bitrate under 1.5Mbps or quality under 3. We don't promise the performance of MD if the configuration isn't within the limitation.													
OSD/PZ- 040D	v3.1.0.8	H.264 MPEG4 M-JPEG	1	720x480	1-way	1/1	Yes	Yes	Yes	Yes				
OSD/PZ- 040E	v3.1.0.8	H.264 MPEG4 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	Yes				



: not avaliable on camera*1: not avaliable on software*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I / O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
VB-S30D	Ver. 1.1.0	MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	Yes	Yes*	
Note:	1.The video	paramete	rs of th	e camera are	not con	figurable	e with	IP+.	•		•	•
VB-S31D	Refer to VB- S30D(Ver. 1.1.0)	MJPEG	1	1920x1080	1-way	1/1	*2	Yes	-	Yes	Yes*	Supported by design
VB-S800D	Ver. 1.1.0	MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	Yes*	
Note:	1.The range	e of video	parame	ters are differ	ence be	tween c	amera	web and or	nvif resp	ponsed.		
VB-S900F	Refer to VB- S800D(Ve r. 1.1.0)	MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	Yes*	Supported by design
VB-S905F	Ver. 1.0.0	MJPEG	1	1280x960	1-way	1/1	-	Yes	-	Yes	Yes*	
Note:	1. The range of video parameters are difference between camera web and onvif responsed.											
VB-S805D	Refer to VB- S905F(Ver . 1.0.0)	MJPEG	1	1280x960	1-way	1/1	-	Yes	-	Yes	Yes*	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps

Yes*: multi stream setting support

Device Name		Format	Video Ch	Max Resolution	Audio	I / O Ch	PTZ	On- Edge Motion		Multi Stream Support	Remarks
DCS30HDIR30	v1.8.0601.10 01.93.0.65.1. 0	H.264 MJPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	Yes*	
Note:	2.The Max bits 3.The ranges	The bitrate type will be VBR under H.264 after set camera parameter.(Camera Firmware issue) The Max bitrate was wrong under H.264.(Camera Firmware issue) The ranges of bitrate and framerate may be different from camera web. (Camera Firmware issue) Motion detection is not supported on MJPEG. (Camera Firmware issue)									
DCS20HDI RE3V	v1.8.0801.10 01.93.0.66.1. 0	H.264 MJPEG	1	1920x1080	1-way	-	-	Yes	-	Yes*	
Note:	2.The Max bits 3.The ranges	rate was wroof bitrate ar	ong und nd frame	der H.264 after er H.264.(Cam erate may be d ed on MJPEG. (era Firn ifferent	nware is from ca	ssue) mera we	eb. (Came		ŕ	



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	1/0 Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks	
B13H	v1.1.0.0	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes		
C10	refer to C10- W	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	Yes	Yes	Yes	Supported by design	
C10-W	v1.1.0.0(buil d2)	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	Yes	Yes	Yes		
D13HD	v1.1.0.0	H.264 MPEG4 M-JPFG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes		
Generic	cx20141008 NSA	H.264 M-JPEG	1	1920x1080	1-way	4/2	Yes*	Yes	-	Yes*	Supported by design	
Note:	1. It can't stop pan & tilt sometimes. (Camera performance limitation) 2. It can't set zoom speed. (Camera Firmware issue) 3. It should set one stream in MJPEG, the snapshot will work. (Camera Firmware issue) 4. If set preset point too fast, it will set worng point. (Camera performance limitation) 5. The resolution setting doesn't sync with web. (Camera Firmware issue)											
W13H	v1.1.0.0(buil d2)	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes		



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps
Yes*: multi stream setting support

For PTZ:

Device Name	Tested Firmware	Video Format		Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks				
BL3102	03_C002	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	Yes*	Supported by design				
Note:	1. Framerate	is unable t	o achiev	e setting value	in MJPE	EG 1920	x1080.	(Camera pe	erformar	nce limitation)					
DM3102	03_C002	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	Yes*	Supported by design				
Note:	1. Framerate	is unable t	o achiev	e setting value	in MJPE	EG 1920)x1080.	(Camera pe	erformar	nce limitation)					
DM3112	02	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Supported by design				
Note:	1. Framerate	is unable	to achie	ve to 30fps in	1920x10	080. (Ca	mera p	erformance	limitatio	on)					
BL5105	01_C018	H.264 H.265 MJPEG	1	2560x1920	-	-	-	Yes	Yes	Yes*	Supported by design				
DM5105	Refer to B6520(01_C 020)	H.264 H.265 MJPEG	1	2560x1920	-	-	-	Yes	Yes	Yes*	Supported by design				
Note:		Camera web does not have WDR setting. (Camara Firmware issue) Quality list can not sync with web. (Camera Firmware issue)													
BL5302	02	H.264 MJPEG	1	1920x1080	1-way	2/2	Yes	Yes	Yes	Yes*	Supported by design				
Note:	1. Framerate	is unable	to achie	ve to setting va	alue in 1	920x10	80. (Ca	mera perfor	mance	limitation)					
DM5302	02_C022	H.264 MJPEG	1	1920x1080	1-way	2/2	Yes	Yes	Yes	Yes*					
Note:		th highest	resolutio	amera Firmwai on is unable to s.			um FPS.	(Camera po	erforma	nce limitation)					
BL7302	01_C020	H.264 H.265 MJPEG	1	1920x1080	1-way	2/2	Yes	Yes	Yes	Yes*					
Note:	3. Camera is	noise with a	AMR. (C achieve i	amera Firmwal maximum FPS. rr. (Camera Fir	(Camer	a perfo	rmance	limitation)							
BL7305	01_C020	H.264 H.265 MJPEG	1	2560x1920	1-way	2/2	Yes	Yes	Yes	Yes*	Supported by design				
Note:	1. H.265 star	ts from Cry	ıstal 3.2												
DM5113	Refer to D4320(01_C 020)	H.264 H.265 MJPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes*	Supported by design				
Note:	1. H.265 star	ts from Cry	stal 3.2												



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks				
DM5115	01_C017	H.264 H.265 MJPEG	1	2560x1920	1-way	1/1	-	Yes	Yes	Yes*	Supported by design				
DM7302	01_C020	H.264 H.265 MJPEG	1	1920x1080	1-way	2/2	Yes	Yes	Yes	Yes*					
Note:		noise. (Car	nera Firi	mware issue) IUUO server lir	nitation))									
DM7305	01_C020	H.264 H.265 MJPEG	1	2560x1920	1-way	2/2	Yes	Yes	Yes	Yes*	Supported by design				
Note:	1. H.265 star	rts from Cry	stal 3.2												
BL5103	01_C018	H.264 H.265 MJPEG	1	2048x1536	-	-	-	Yes	Yes	Yes*	Supported by design				
Note:	2. Quality list	1. Display mosaic happen in 2304x1296 MJPEG. (Camera performance limitation) 2. Quality list can not sync with web. (Camera Firmware issue) 3. Bitrate list can not sync with web in MJPEG. (Camera Firmware issue)													
DM5103	01_C013	H.264 H.265 MJPEG	1	2304*1296	-	-	-	Yes	Yes	Yes*	Supported by design				
Note:	2. Quality list	t can not sy	nc with	D4x1296 MJPE0 web. (Camera web in MJPEG.	Firmwa	re issue)								
FE5403	Refer to P4320 (01_C020)	H.264 H.265 MJPEG	1	2048x1520	1-way	1/1	-	Yes	Yes	Yes*	Supported by design				
Note:	1. H.265 star	rts from Cry	stal 3.2												
FE5405	Refer to P4520(01_C0 20)	H.264 H.265 MJPEG	1	2560x1920	1-way	1/1	-	Yes	Yes	Yes*	Supported by design				
Note:	1. H.265 starts from Crystal 3.2.														



- : not avaliable on camera *1: not avaliable on software

*2: not test on software For multi stream support:

Yes: multi stream fix to 500kbps/100kbps

Yes*: multi stream setting support

Device Name	Tested Firmware		Video Ch	Max Resolution	Audio	I / O Ch	IPI/	On-Edge Motion	IUPnP	Multi Stream Support	Remarks		
CIVS-IPC- 2500	IV1 1 3R15	MPEG4 M-JPEG	1	720x480	1-way	2/2	-	-	Yes	-			
CIVS-IPC- 2500W	IV1 1 3R03	MPEG4 M-JPEG	1	720x480	1-way	2/2	-	-	Yes	-			
PVC-300	1.0.0	MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design		
Note:	PTZ is only supported by external RS-485 device.												



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Max Ch Resolution		Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks				
IBE3815NV R		H.264 MPEG4 M-JPEG	1	704x480	1-way	-	Yes	-	Yes	-	Yes	Supported by design				
IBE3815PV R		H.264 MPEG4 M-JPEG	1	704x576	1-way	-	Yes	-	Yes	-	Yes	Supported by design				
IBE5810NC R		H.264 MPEG4 M-JPEG	1	704x480	1-way	-	Yes	-	Yes	-	Yes	Supported by design				
IBE5810PCR		H.264 MPEG4 M-JPEG	1	704x576	1-way	1	Yes	-	Yes	-	Yes	Supported by design				
IBP5030CR	2.01.13.02	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	Yes	Yes	Yes	-	Yes	Supported by design				
Note:	In the MJPEG format, the fps is not enough when resolution is XGA or SXGA. XNET.T1- MPEG4															
IDC4000T	In the MJPEG format, the fps is not enough when resolution is XGA or SXGA. XNET.T1- 1.0.13.042 M-JPEG									Yes						
Note:	 When setsoftware sh When trig 2nd stream 	DC4000T: . When setting Video MPEG with CBR in 4000 bitrate on camera web, the CGI will return incorrect video bitrate. It causes oftware show incorrect item "1M" When trigger DI, DO will be triggered simultaneously 2nd stream format is MPEG4. NET.M1- H.264														
IDC4050F	3 00 13 02	. 2nd stream format is MPE NET.M100.13.02 H.264 M-JPEG Cannot set bitrate 128kbp		1920x1080	1-way	1/1	Yes	Yes	Yes	-	Yes	Supported by design				
Note:	I IM-IPF(3 I I I I I I I I I I I I I I I I I I I															
IDC4050IR	XNET.M1- 3.00.13.02 04	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Yes	Supported by design				
Note:			•	then the resoluthe actually re			SA. It is	s firmware is	ssue.							
IDC4050VF	XNET.M1- 3.00.13.11 25	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes					
Note:				hen the resoluthe actually re				s firmware is	ssue.							
IDC4050VR	Refer to IDC4050V F	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design				
Note:			•	then the resoluthe actually re			SA. It is	firmware is	ssue.							
IDP4000VD	XNET.A1- 1.1.9.1104	H.264 MPEG4 M-JPEG	1	640x480	1-way	-	-	-	Yes	-	Yes					
IDP4000VR	XNET.A1- 1.1.9.1104	H.264 MPEG4 M-JPEG	1	640x480	1-way	1	-	-	Yes	-	Yes					
IDP4030VR	2.01.13.02	H.264	1	1280x960	1-way	1/1	Yes	Yes	Yes	-	Yes	Supported by design				
Note:			e fps is	not enough wh	nen reso	lution is	XGA o	or SXGA.		•	-					
IDP5035VR	XNET.M2- 3.00.13.02 04	H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	-	Yes	Supported by design				



*1: not avaliable on software

*2: not test on software

For multi stream support: Yes: multi stream fix to 500kbps/100kbps

Yes*: multi stream setting support

	_			Yesn: mu	ili sirea	ını set	ing su	pport			_	
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
Note:	Firmware is	ssue, failed t	o set biti	rate as 128k o	ver VGA	/D1.						
IGC2050F	XNET.M1- 3.00.13.02 04	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Yes	
Note:			•	hen the resoluthe actually re				s firmware i	ssue.			
IGP1000		H.264 MPEG4 M-JPEG	1	640x480	1-way	-	Yes	-	Yes	-	-	Supported by design
IGP1030	XNET.A1- 2.01.13.02 04	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	Yes	Yes	Yes	-	Yes	
Note:	In the MJPE	EG format, th	ne fps is	not enough wh	nen reso	olution is	s XGA c	or SXGA.				
IGP2035F	XNET.M2- 3.00.13.02 04	H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	-	Yes	
Note:	Firmware is	sue, failed t	o set biti	rate as 128k o	ver VGA	/D1.						
IJB2000		H.264 MPEG4 M-JPEG	1	704x576	1-way	-	Yes	-	Yes	-	-	Supported by design
INS2000	XNET.A1- 2.01.13.09 02	H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Yes	
Note:		t reach up to oppy with G		um FPS			•		•			
IPM3063N		H.264 MPEG4 M-JPEG	1	704x480	1-way	-	Yes		Yes	-	-	Supported by design
IPM3063P		H.264 MPEG4 M-JPEG	1	704x576	1-way	-	Yes	-	Yes	-	-	Supported by design
IS1765x	Refer to ISMC1063 x	H.264 MPEG4 M-JPEG	1	704x480(N) 704x576(P)	1-way	1/1	Yes	Yes	Yes	-	-	Supported by design
ISMC1063N		H.264 MPEG4 M-JPEG	1	704x480	1-way	-	Yes	Yes	Yes	-	-	Supported by design
ISMC1063x	XNET.A1- 2.01.13.02 04	H.264 MPEG4 M-JPEG	1	704x480(N) 704x576(P)	1-way	4/0	Yes	Yes	Yes	_	Yes	
Note:		includes IS ort Audio co		P and ISMC106 26 when using		nection	1.					
ISS2765NW		H.264 MPEG4 M-JPEG	1	704x480	1-way	-	Yes	-	Yes	-	-	Supported by design
ISS2765PW		H.264 MPEG4 M-JPEG	1	704x576	1-way	-	Yes	-	Yes	-	-	Supported by design
ISS2965x	Refer to ISMC1063 x	H.264 MPEG4 M-JPEG	1	704x480(N) 704x576(P)	1-way	4/0	Yes	Yes	Yes	-	-	Supported by design
ISS4032Z28 W	XNET.M2- 3.00.13.02 04		1	1280x1024	1-way	1/1	Yes	Yes	Yes	-	Yes	Supported by design
Note:		sue, failed t	o set bit	rate as 128k o	ver VGA	/D1.	-		-	-	-	-



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware		Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks			
ISSM2063x	Refer to ISMC1063 x	H.264 MPEG4 M-JPEG	1	704x480(N) 704x576(P)	1-way	4/0	Yes	Yes	Yes	-	-	Supported by design			
IVC5055VF	Refer to IDC4050IR	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	-	Supported by design			
IVC5055VR	Refer to IDC4050V F (XNET.M1- 3.00.13.11	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design			
Note:			•	hen the resolu the actually re			GA. It is	s firmware is	ssue.						
IVP4000VR	XNET.A1- 1.1.9.1028	H.264 MPEG4 M-JPEG	1	640x480	1-way	-	-	-	Yes	-	Yes				
IVP4030VR		H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	-	-	Yes	-	Yes	Supported by design			
IVP4030VR	XNET.A1- 2.01.13.02 04		1	1280x960	1-way	1/1	Yes	Yes	Yes	-	Yes	Supported by design			
Note:	I I I I I I I I I I I I I I I I I I I														
IVP5035VR	Refer to IGP2035F (XNET.M2- 2.00.12.10 26)	H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	-	Yes	Supported by design			
IVP5035VR	XNET.M2- 3.00.13.02 04	H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	-	Yes	Supported by design			
Note:	Firmware is	sue, failed to	set biti	rate as 128k o	ver VGA	/D1.	-		-						
IXC2050IR	XNET.M1- 3.00.13.02 04	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Yes	Supported by design			
Note:				hen the resolu the actually re			SA. It is	firmware is	ssue.		•				
IXP3035VR	XNET.M2- 3.00.13.02 04	H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	-	Yes	Supported by design			
Note:	Firmware is	sue, failed to	set biti	rate as 128k o	ver VGA	/D1.									
MPC1070PN	1.0.46	H.264 MJPEG	1	2592x1944	1-way	-	-	Yes	Yes	-	Yes				
Note:	2. (Camera 3. (Camera	performance firmware issi performance	ue)Audio Iimitatio	on) Camera is o stutter with C on) MJPEG bitr on) 2nd strean	G.711. ate sett	ing is re	stricted	d by fps sett	_	0k/100k bp	os.				



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks			
MVC2050VR	3.4.2	H.264	1	1920x1080	ı	ı	-	Yes	Yes	-	Yes*				
Note:	2.Camera s 3.The audio 4.There has	earch fail if L function car only suppor	JPnP ena n't be us t FPS up	e camera connable on camera ded. [Camera Forto 10 when the common camera we	a web. [irmware he resol	NUUO s : Issue] ution is	erver li 1280x	mitation] 720. [Camer							
NDE5055MF	XNET.N1- 1.02.13.02 04	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Yes	Supported by design			
Note:	1. Video connection cannot establish when the setting of bitrate is 9M or 10M. XNET N1-														
NDE5055VR	XNET.N1- 1.02.13.02 04	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Yes	Supported by design			
Note:	Video connection cannot establish when the setting of bitrate is 9M or 10M.														
NGE2055F	XNET.N1- 1.02.13.02 04	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Yes				
Note:	1. Video cor	nnection can	not esta	blish when the	setting	of bitra	te is 9N	or 10M.							
NVE5055MF	XNET.N1- 1.02.13.02 04	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Yes	Supported by design			
Note:	1. Video cor	nnection can	not esta	blish when the	setting	of bitra	te is 9N	M or 10M.							
NVE5055VR	XNET.N1- 1.02.13.02 04	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Yes	Supported by design			
Note:	1. Video cor	nnection can	not esta	blish when the	setting	of bitra	te is 9N	d or 10M.	•	-	-	•			
NXE3055MR	XNET.N1- 1.02.13.02 04	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Yes	Supported by design			
Note:	1. Video cor	nnection can	not esta	blish when the	setting	of bitra	te is 9N	M or 10M.							
NXE3055VR	XNET.N1- 1.02.13.02 04	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Yes	Supported by design			
Note:	1. Video cor	nnection can	not esta	blish when the	setting	of bitra	te is 9N	or 10M.							



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks		
HCVR5104H	3.200.0005.1 .R, build : 2014-04-27	H.264	4	1280x720	1-way	-	Yes*	Yes	Yes	Yes			
Note:	the web of th 2.The auto de 3.The audio-in 4.The PCM au 5.The talk fur 6.The move a 7.After doing 8.The auto-fo 9.The motion	e device) vetection and is for Charaction is no and auto-particus is not a detection.	while sed the Ulannel 1 is not support for focus support is not support is not support support support support support support is not support in not support is not support is not support in not support	tting. (NUUO S PnP searching a only. (DVR Firm supported. (DV rted. (DVR Firm ions of PTZ are us-far, it will do ed because it i upported. (DVF	erver lir are not s mware is 'R Firmw mware is e not su o autofo s not su R Firmwa	mitation) supporte ssue) vare issue) oported cus imm pported are issue) ed. (D\ ue) . (DVR ediate by the	VR Firmward Firmware i Ely. (DVR Fir Dahua CG	e issue) ssue) mware I API. ([ne (the range car issue) DVR Firmware iss	ue)		
HDB3300		H.264 M-JPEG	1	2048×1536	1-way	2/1	Yes	Yes	-	Yes	Supported by design		
Note:	HDB3300N ar	nd HDB330	OP are	campatible wit	h HDB3:	300							
HDBW3300	V2.000 , Update 2011.10.22	H.264 M-JPEG	1	2048×1536	1-way	2/1	Yes	Yes	-	Yes			
Note:	HDBW3300N	and HDBW	/3300P	are campatible	with H	DBW330	0						
HF3110	V2.000 , Update 2011.10.22	H.264 M-JPEG	1	1280x960	1-way	1/1	Yes	Yes	-	Yes			
Note:	HF3110N and	HF3110P	are cam	npatible with H	F3110								
HF3211P	V2.000 , Update 2011.10.22	H.264 M-JPEG	1	1920x1080	1-way	2/1	Yes	Yes	-	Yes			
HF3300	V2.000 , Update 2011.10.22	H.264 M-JPEG	1	2048×1536	1-way	1/1	Yes	Yes	-	Yes			
Note:	2011.10.22 M-JPEG T 2048 X 1330 T-Way 171 Tes												
IPC-EBW81200	2.400.0000.4 .R, build : 2015-08-06	H.264 MJPEG	1	4000x3000	1-way	2/1	-	Yes	Yes	Yes*			
Note:													



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks		
IPC-EBW8600	2.400.0000.4 .R, build : 2015-08-06	H.264 MJPEG	1	3072x2048	1-way	2/1	-	Yes	Yes	Yes*			
Note:				ibration in Cry 26 and AAC. (N		rver lim	itation)					
IPC-HFW1220S	2.420.0000.1 1.R, build : 2015-07-07	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	Yes*			
Note:	1. The list of f	rame rate	is not s	ynchronized w	ith the c	ne on tl	he can	nera web. (Camera	Firmware issue)			
IPC-HFW5200	2.42	H.264 MJPEG	1	1920x1080	1-way	2/1	-	Yes	Yes	Yes			
Note:	1. Sometime parameter dialog will fail to get codec parameter with high bitrate. (Camera performance limitation) 2. The range of parameter on camera will change by other parameter, our parameter dialog can't synchornize with camera. (Camera firmware issue) 3. Slow reaction when motion dectection is triggered. (Camera performance limitation) 4. Polling the DI/Motion status will make the audio stutter (Camera performance limitation)												
IPC-HFW5302C	2.420.0005.0 .R, build : 2014-12-05	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes			
Note:	1. The range of parameter on camera will change by other parameter, our parameter dialog can't synchornize with camera. (Camera firmware issue) 2. When framerate set to 1 and record dynamic picture, the picture's framerate may rise to 30 immediately. (Camera firmware issue) 3. Sometime parameter dialog will fail to get parameters with high resolution, framerate, and bitrate. (Camera performance limitation) 4. Zoom in/out will not run step by step, it will zoom to limit directly. (Camera firmware issue) 5. DO can not trigger. (Camera firmware issue) 6. PTZ only support zoom & focus.												
IPC-HF5100	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design		
IPC-HF5200	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design		
1													



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
IPC-HFW5100D	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
IPC-HFW5200D	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
IPC-HFW5100- IRA	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
IPC-HFW5200- IRA	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
IPC-HFW5100C	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
IPC-HFW5200C	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
IPC-HFW5300C	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
IPC-HFW5202C	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
IPC-HFW5100E- VF	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
IPC-HFW5200E- VF	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
IPC-HFW5300E- VF	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
IPC-HFW5200E-Z	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
IPC-HFW5300E-Z	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
IPC-HDBW5100	420 0005 0	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
IPC-HDBW5200	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
IPC-HDBW5300	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
IPC-HDBW5202	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
IPC-HDBW5302	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
IPC-HDBW5100- DI	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
IPC-HDBW5200- DI	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
IPC-HDBW5300- DI	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
IPC-HDBW5202- DI	120 0005 0	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
IPC-HDBW5302- DI	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
IPC-HDB5100	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
IPC-HDB5200	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
IPC-HDB5300	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
IPC-HDB5202	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
IPC-HDB5302	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
IPC-HDB5100-DI	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
IPC-HDB5200-DI	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
IPC-HDB5300-DI	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
IPC-HDB5202-DI	Refer to IPC- HFW5302C(2 .420.0005.0. R, build: 2014-12-05)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution		I / O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks		
IPC-HDB5302-DI	2014-12-05)	MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design		
IPC-HD2100	2.212.0000.1 .T, build : 2014-02-08	H.264 M-JPEG	1	1280x960	-	-	-	Yes	Yes	Yes			
Note:	1. The range of bitrate and framerate does not synchronous with the camera's website which may result in failure of stream parameter setting. 2. If enable MD and used MJPEG as stream codec which could result in video freeze then start play after few seconds. 3. There is invalid mac address in UPnP search.												
IPC-HF81200E	2.400.0000.7 H.264 MJPEG 1 4000x3000 2-way 2/1 Yes* Yes Yes Yes*												
Note:	 The bitrate of stream 1 in camera with highest resolution via MJPEG is higher than settings bitrate. (Camera performance limitation) Audio codec via G.726 and AAC can not be used. (NUUO server limitation) The list of Frame Rate is not synchronized with the one on camera web. (Camera Firmware issue) 												



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks			
IPC-HFW3200C	2.212.0000.1 .T, build : 2014-02-08	H.264 M-JPEG	1	1920x1080	1-way	2/1	-	Yes	Yes	Yes				
Note:	stream param 2. If enable N 3. There is bi 4. There is di	eter settin ID and use g noise in scontinuou	g. ed MJPE audio w is audio		odec wh 1. .711Mu	ich could	d resul			e which may resul				
IPC-HDB3101	Refer to IPC- HFW3101C (FW V2.103)	H264 MJPEG	1	1280x960	1- way*2	2/1	-	*2	*2	Yes	Supported by design			
IPC-HDBW3101	Refer to IPC- HFW3101C (FW V2.103)	H264 MJPEG	1	1280x960	1- way*2	2/1	-	*2	*2	Yes	Supported by design			
IPC-HFW3101C	V2.103	H264 MJPEG	1	1280x960	1- way*2	2/1	-	*2	*2	Yes				
Note	FW issue, bit rate range is different between camera web and response to cgi.													
IPC-HFW5421E-Z	2.400.0000.2 3.R, build : 2015-12-15	H.264 MJPEG	1	2688x1520	1-way	2/1	-	Yes	Yes	Yes*				
Note:				26 and AAC. (National control of the					sue)					
SD52C220S-HN	2.210.0003.0 .R.A.2017, build: 2014- 11-12	H.264 MJPEG	1	1920x1080	1-way	2/1	Yes	Yes	Yes	Yes				
Note														
SD32203S-HN	Refer to SD52C220S- HN(2.210.00 03.0.R.A.201 7, build: 2014-11-12)	H.264 MJPEG	1	1920x1080	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design			



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
SD50220S-HN	Refer to SD52C220S- HN(2.210.00 03.0.R.A.201 7, build: 2014-11-12)		1	1920x1080	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
SD50230S-HN	Refer to SD52C220S- HN(2.210.00 03.0.R.A.201 7, build: 2014-11-12)		1	1920x1080	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
SD52C230S-HN	Refer to SD52C220S- HN(2.210.00 03.0.R.A.201 7, build: 2014-11-12)		1	1920x1080	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
SD50120S-HN	Refer to SD52C220S- HN(2.210.00 03.0.R.A.201 7, build: 2014-11-12)		1	1920x1080	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
SD52C120S-HN	Refer to SD52C220S- HN(2.210.00 03.0.R.A.201 7, build: 2014-11-12)		1	1920x1080	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
SD40212S-HN	Refer to SD52C220S- HN(2.210.00 03.0.R.A.201 7, build: 2014-11-12)		1	1920x1080	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
SD42212S-HN	Refer to SD52C22OS- HN(2.210.00 03.0.R.A.201 7, build: 2014-11-12)		1	1920x1080	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
SD42C212S-HN	Refer to SD52C220S- HN(2.210.00 03.0.R.A.201 7, build: 2014-11-12)		1	1920x1080	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
SD59212S-HN	Refer to SD52C220S- HN(2.210.00 03.0.R.A.201 7, build: 2014-11-12)		1	1920x1080	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
SD59220S-HN	Refer to SD52C220S- HN(2.210.00 03.0.R.A.201 7, build: 2014-11-12)		1	1920x1080	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
SD59230S-HN	Refer to SD52C220S- HN(2.210.00 03.0.R.A.201 7, build: 2014-11-12)		1	1920x1080	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
SD59120S-HN	Refer to SD52C220S- HN(2.210.00 03.0.R.A.201 7, build: 2014-11-12)		1	1920x1080	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
SD63220S-HN	Refer to SD52C220S- HN(2.210.00 03.0.R.A.201 7, build: 2014-11-12)		1	1920x1080	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
SD63230S-HN	Refer to SD52C220S- HN(2.210.00 03.0.R.A.201 7, build: 2014-11-12)		1	1920x1080	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design



*1: not avaliable on software

*2: not test on software For multi stream support:

Yes: multi stream fix to 500kbps/100kbps

Yes*: multi stream setting support

Devi	ce Name		 Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
SD63	3120S-HN	Refer to SD52C220S- HN(2.210.00 03.0.R.A.201 7, build: 2014-11-12)	1	1920x1080	1-way	2/1	Yes	Yes	Yes	YES	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
SD6C22OS-HN	Refer to SD52C220S- HN(2.210.00 03.0.R.A.201 7, build: 2014-11-12)		1	1920x1080	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
SD6C230S-HN	Refer to SD52C220S- HN(2.210.00 03.0.R.A.201 7, build: 2014-11-12)		1	1920x1080	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
SD6C120S-HN	Refer to SD52C220S- HN(2.210.00 03.0.R.A.201 7, build: 2014-11-12)		1	1920x1080	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
SDZW2030S-HN	Refer to SD52C220S- HN(2.210.00 03.0.R.A.201 7, build: 2014-11-12)		1	1920x1080	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
SD6366E-HN	2.213.0000.1 .R, build : 2013- 12-27	H.264 M-JPEG	1	704x576	1-way	*2	Yes	Yes	*2	Yes	
Note:	1. There is no guarantee that the bitrate values in the combo box is valid. User should apply a value in the valid C14range (can be get from the web page of the camera) so that the setting can be applied successfully. 2. FW Issue: the Dahua CGI API dose not support the autofocus command though the camera has the function of autofocus.										
SD65XX-HN	2.102.0001.0 .D	H.264 M-JPEG	1	1920x1280	1-way	7/2	Yes	Yes	-	Yes	
Note:	1.MJPEG not s 2.FW issue, M			not set over 8	192.	•	•	•	•		
SD69XX-HN	refer to SD65XX-HN	H.264 M-JPEG	1	1920x1280	1-way	7/2	Yes	Yes	-	Yes	Supported by design
Note:	1.MJPEG not s 2.FW issue, M			set over 8192			1	<u> </u>	ı		



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
SD6A230	2.212	H.264 MJPEG	1	1920x1080	1-way	7/2	Yes	Yes	*2	Yes	
Note:	synchornize w 2. The camera 3. Slow reacti	vith camera a can't be s on when m	a. (Cam searche notion d		ssue) s. (Cam ggered.	era firm (Camer	ware is	ssue)		arameter dialog ca	an't

5. CGI response "support flip/mirror", but actually not. (Camera firmware issue) 6. Polling the DI/Motion status will make the audio stutter. (Camera performance limitation)

	9					•		•		•	
	I3 R build .	H.264 MJPEG	1	2688x1520	1-way	7/2	Yes	Yes	*1	Yes*	
Generic (H.264 MJPEG	1	1920x1080	1-way	7/2	Yes	Yes	*1	Yes*	
	2.210.BW03. 0.T.A.2017.3 N.NR, build :	H.264 MJPEG	1	1920x1080	2-way	7/2	Yes	Yes	*1	Yes*	

Firmware must be 2.400.0000.23.R, build: 2015-12-15 or above then can use generic model.

- 1. The range of parameter on camera will change by other parameter, our parameter dialog can't synchornize with camera. (Camera firmware issue)
- 2. There are two ptz cgis for zoom and foucs functions, we only support ones, so zoom and focus maybe can not work. (Camera firmware issue)
- 3. Filp can not work. (Camera firmware issue)
- 4. Image Parameters can not normally set. (Camera firmware issue)
- 5.Audio G.711A (16k), G.711Mu (16k) and AAC(8k and 16k) can not used. (NUUO Server Limitation).
- 6.PTZ only support Zoom, Focus, and AutoFocus.
- 7.DO can not normally work. (Camera firmware issue)
- 8.DI/DO support quantity is based on camera specifiction. (Camera speficication difference)

Firmware must be 2.210.0006.0.T.A.2017, build: 2016-03-24 or above then can use generic model.

- 1. The range of parameter on camera will change by other parameter, our parameter dialog can't synchornize with camera. (Camera Firmware issue)
- 2. There are two ptz cgis for zoom and foucs functions, we only support ones, so zoom and focus maybe can not work. (Camera Firmware issue)
- 3. Filp can not work. (Camera Firmware issue)
- 4. Image Parameters can not normally set. (Camera Firmware issue)
- 5.Audio G.711A (16k), G.711Mu (16k) and AAC(8k and 16k) can not used. (NUUO server limitation)
- 6.PTZ can not normally use speed feature, Zoom, Focus, and AutoPan functions. (Camera Firmware issue)
- 7.DO can not normally work. (Camera Firmware issue)
- 8.DI/DO support quantity is based on camera specification. (Camera speficication difference)

Firmware must be 2.210.BW03.0.T.A.2017.3N.NR, build: 2015-11-06 or above then can use generic model.

- 1. Server dose not support G.726, AAC, and G.711A with 16k. (NUUO server limitation)
- 2. Zoom, focus, and gotoPreset work abnormally. (Camera Firmware issue)
- 3. Stream parameter setting may fail if the ranges of bitrate is not synchronized with the camera web. (Camera Firmware issue)
- 4. The list of frame rate is not synchronized with the one on the camera web. (Camera Firmware issue)

Note:



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
DCS-1100	1.00	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	-	Supported by design
DCS-1100L	1.03_4130	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
DCS-1130	1.00	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	-	Supported by design
DCS-1130L	1.03_4130	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
DCS-1201	V0.00.01	H.264 MPEG4 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	
DCS-1301	V0.01.00	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	
Note:	The resolution a	nd bitrate	list may	not be synchroni	zed with car	mera we	eb. (Can	nera Firmwa	ire issue	:)	
DCS-2102		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	-	Supported by design
DCS-2103	V1.20	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	Yes	Yes*	
Note:	1. Camera canno	ot achieve	maximu	ım fps. (Camera ı	performnace	e limitati	on)				
DCS-2103B1	Refer to DCS- 2132LB(V2.00. 05)	H.264 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
DCS-2120		MPEG4	1	720x576	1-way	-	-	Yes	Yes	-	Supported by design
DCS- 2120(TW)	0201tw	MPEG4	1	720x576	1-way	1/1	-	Yes	Yes	-	
DCS-2121		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	-	Supported by design
DCS-2130	Refer to DCS- 2103(1.20.00)	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DCS-2103B1	Refer to DCS- 2132LB1(v2.00 .05)	H.264 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DCS-2132L	1.00.06	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1-way	-	Yes	Yes	Yes	
DCS-2132LB	V2.00.05	H.264 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	Yes*	
Note:	 Audio codec c Sometimes m Resolution list 	only can ch otion can i does not s	oose G7 not be u synchror	of function when of 111. (Camera Firn Ised. (Camera Firn Ise with camera Iry. (Camera Firn	nware issue) mware issue web, that ca) e) nuse all :					
DCS-2132LB1	v2.00.05	H.264 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	-	



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks	
Note:	2. Talk is not cle	ear. (Came by of the au	ra perfo	Firmware issue) rmance limitation becomes invalid		jing a pa	ıramete	r of streams	s. (Came	era perforn	nance	
DCS-2136L	V0.03.00	H.264 MPEG4 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	Yes*		
DCS-2210	v1.22	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*		
Note:	1440x1080 reso	lution. (Ca eam 1 with	mera Fi	ate list of CGI is r rmware issue) t resolution, the s	_							
DCS-2210L	Refer to DCS- 2230L(v0.03.00)	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design	
DCS-2230	Refer to DCS- 2210(v1.22)	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Supported by design	
DCS-2230L	v0.03.00	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes		
Note:	I. The talk function can't be work. (Camera Firmware issue) 2. When the stream 1 with highest resolution, the stream 2,3 are unable to achieve the setting framerate. (Camera performance issue) 3. Stream 1 FPS will drop with the resolution large than 1024x768 when stream 2 or stream 3 connects in the same time. (Camera Performance issue)											
DCS-2310L	Refer to DCS- 2332L(1.02.00)	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	Yes	Yes	Yes	Supported by design	
Note:	 not support T not support ta The list of res 	alk	not sync	hronized with car	nera web. (Camera	Firmwa	re issue)				
DCS-2310LB1	0.03.00	H.264 MJPEG	1	1280x720	1-way	-	-	Yes	Yes	Yes		
Note:				nerate, bitrate ca		-				a firmware	issue)	
DCS-2330L	V1.00.01	H.264 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes*		
Note:	 not support T not support ta The list of res 	alk	not sync	hronized with car	nera web. (Camera	Firmwa	re issue)				
DCS-2332L	1.02.00	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	Yes	Yes	Yes*		
Note:	3. Resolution list	ttings wou	ıld not s sync wit	yn. with camera y h web. (Camera i eb. (Camera firm	web. (Came firmware iss		are issu	ue)				
DCS-2630L	v1.02.02	H.264	1	1920x1080	1-way	-	-	Yes	Yes	Yes*		
Note:				t sync with came amera web that c					e)			



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
DCS-3010	v1.12.07	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	Yes	Yes	Yes	
Note:	1. Stream would issue)	l disconne	ct and m	notion would not	be triggered	I due to	camera	limited perf	ormance	e. (Camera	ı firmware
DCS-3110		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DCS-3112	v1.11.01	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	2/1	Yes	Yes	Yes	Yes*	
Note:	1. DI can not wo		era Frim	ware issue)						•	•
DCS-3220		MPEG4	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
DCS-3220G		MPEG4	1	720x576	1-way	1/1	-	Yes	Yes	-	
DCS-3410		MPEG4 M-JPEG	1	704x576	1-way	2/1	-	Yes	Yes	-	Supported by design
DCS-3411	1.02_4125	H.264 MPEG4 M-JPEG	1	640x480	1-way	2/1	Yes	Yes	Yes	Yes	
DCS-3415	1.00	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
Note:	DCS-3415 PTZ S	Support: z	oom onl	y.							•
DCS-3420	1.03	MPEG4 M-JPEG	1	704x480	1-way	1/1	-	Yes	Yes	-	
DCS-3430	1.02_4125	H.264 MPEG4 M-JPEG	1	640x480	1-way	2/1	Yes	Yes	Yes	Yes	
DCS-3511	v1.10.13	H.264 MPEG4 MJPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	Yes*	
Note:	 Audio out can Audio stutter 	not work. with AAC	(Camei and G.7	and, the live view ra Firmware issue 11, and G.711 is r follows digital ir	e) not clear. (0	Camera	perform	nance issue)			
DCS-3530	Refer to DCS- 3511(v1.00.06)	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
DCS-3710	1.00	MPEG4 M-JPEG	1	1280x960	1-way	2/1	Yes	Yes	Yes	Yes	
DCS-3710B1	V0.02.00	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	2/1	Yes	Yes	Yes	Yes*	
Note:	1. Because the C web. (Camera Fi	CGI connte rmware is		not include quali	tymode field	d, the bi	trate co	ntrol mode i	s not sy	rnchronized	d with camera
DCS-3713		H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/1	-	Yes		Yes	
DCS-3714	v1.00.00	H.264 MPEG4 M-JPEG	1	1280x720	1-way	2/1	Yes	Yes	Yes	Yes*	
Note:	1. Not supoort 8	M bitrate.	(Camer	a Firmware issue)						



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I / O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
DCS-3715	v1.20	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	
DCS-3716	V1.03.00	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes*	
Note:	 The quality setting of M-JPEG is unavailable. (camera Firmware issue) The main stream of resolution and frame rate list are different with camera web in MPEG4. (camera Firmware issue) The camera with highest resolution is unable to achieve the setting framerate. (camera performance limitation) The frame rate list is different with camera web when resolution set to 2048x1536. (camera Firmware issue) The 2nd stream with any resolution is unable to achieve the setting bitrate in MPEG4. (camera performance limitation) Talk function has stutter. (camrea Firmware issue) The camera of all profiles with highest setting are unable to achieve the setting framerate. (camera performance limitation) Bit rate can not achieve web setting in any setting. (camera performance limitation) 										
DCS-4201	V1.00.02	H.264 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	Yes*	
Note:	The 2nd stream can not set to resolution 1280x720, when stream1 resolution is 1280x720.(Camera Firmware issue) The camera with highest resolution is unable to achieve the setting framerate.(Camera performance limitation)										
DCS-4602EV	V1.00.01	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	Yes*	
Note:	The camera with highest resolution is unable to achieve the setting framerate in MJPEG. (Camera performance limitation)										
DCS-4701E	V1.00.02	H.264 M-JPEG	1	1280x720	-	-	-	Yes	Yes	Yes*	
DCS-4802E	Refer to DCS- 4602EV(V1.00. 01)	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	Yes*	Supported by design
DCD-5000L	v1.02.01	MJPEG	1	640x480	1-way	-	Yes*	Yes	Yes	-	
DCS-5010L	Refer to DCS- 5020L(1.01)	H264 MJPEG	1	640x480	1-way	-	Yes	Yes	Yes	Yes	Supported by design
DCS-5020L	1.01	H264 MJPEG	1	640x480	1-way	-	Yes	Yes	Yes	Yes	
DCS-5029L	Refer to DCS- 5222LB(V2.01. 05)	H264 MJPEG	1	1280x720	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
DCS-5030L	v1.01.06	H.264 MPEG4	1	1280x720	1-way	-	Yes	Yes	Yes	Yes	
DCS-5211L	1.10	H.264 MPEG4	1	1280x720	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	Only can patrol one times. (Camera firmware limitation)										
DCS-5220	0200	MPEG4	1	720x576	1-way	-	Yes	Yes	Yes	-	
DCS-5220 Bx	2.00	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	Yes	Yes	
DCS- 5220(TW)		MPEG4	1	720x576	1-way	-	Yes	Yes	Yes	-	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
DCS-5222L	1.10	H.264 MPEG4	1	1280x720	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	1. Only can patr	ol one tim	es. (Can	nera firmware lim	itation)						
DCS-5222LB	Refer to DCS- 5222LB1(v2.01 .05)	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
DCS-5222LB1	2.01.05	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	Yes	Yes	
DCS-5222LB2	Refer to DCS- 5222LB1(2.01. 05)	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
DCS-5230	1.02_4317	MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	
DCS-5230L	1.02_4317	MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	
DCS-5605	1.01, 4126	H.264 MPEG4 M-JPEG	1	740x480	1-way	1/1	Yes	Yes	Yes	Yes	
DCS-5610		MPEG4 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
DCS-5615	1.00.02	H.264 M-JPEG	1	1920x1080	1-way	1/0	Yes	Yes	Yes	Yes	
DCS-5635	1.01, 4126	H.264 MPEG4 M-JPEG	1	740x480	1-way	1/1	Yes	Yes	Yes	Yes	
DCS-6004L	0.00.01	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	Yes	Yes	Yes	
Note:	DCS-6004L: 1. Resolution 17		l bitrate	8M are not the s	ame as cam	iera web	o. (Came	era firmware	e issue)		
DCS-6005L	Refer to DCS- 6004L(0.00.01)		1	1280x800	1-way	-	-	Yes	Yes	Yes	Supported by design
DCS-6010L	v1.12.02	H.264 MPEG4 MJPEG	1	1600x1200	1-way	-	Yes	Yes	Yes	Yes*	
Note:	1. The resolution issue)	n is change	ed to 16	00x1200, that the	e display mo	ode of fi	sheye is	enforced to	4R mod	de. (Camei	ra Firmware
DCS-6045L	V1.00b3	H.264	1	1280x720	1-way	-	-	Yes	Yes	Yes	
DCS-6110	1	M-JPEG	1	720x576	-	1/1	-	Yes	Yes	Yes	
DCS-6111	1.00	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
DCS-6112	v2.10.02	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
Note:	DCS-6112: 1.The camera w 2.The audio talk	ith highest		and MJPEG form	at is unable	to achie	eve 30 fj	os			



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks			
DCS-6112B1	v3.00.00	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes				
Note:				and MJPEG forma (Camera Firmwa		to achie	eve 30 fj	os. (Camera	perforn	nance issu	e)			
DCS-6112V		H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes				
DCS-6113	refer to DCS- 6112(v2.10.02)	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design			
DCS-6113B1	v3.00.00	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes				
DCS-6113V		H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes				
DCS-6113VB1	refer to DCS- 6112B1(v3.00. 00)	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design			
DCS-6115	v0.09.00	H.264 MPEG4 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	Yes*				
Note:		In highest parameter setting with MJPEG are unable to achieve sufficient FPS.(Camera performance limitation) Multi-Stream Settings in auto mode bitrate will too high. (Camera Firmware issue)												
DCS-6116	v1.00.09	H.264 MJPEG	1	2048x1536	1-way	-	-	Yes	Yes	Yes*				
Note:	Camera settir(Camera Firmwa	ng of speak are Issue)	cer and	onize with camera mic switch doesn annot work. (Cam	t synchroniz	ze with (camera			them are ir	n contrast.			
DCS-6210	v1.00.06	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	Yes*				
Note:	1. Flip and Mirror of CGI are contrary the camera web. (Camera Firmware issue) 2. When move the camera, the camera is easily disconnect. (Camera performance limitation) 3. Audio has noise by using internal microphone. (Camera performance limitation) 4. In MJPEG, the live view displays 480x264 but the camera setting is 480x270. (Camera Firmware issue) 5. Each stream with any format and highest parameter setting are unable to achieve sufficient FPS. (Camera performance limitation) 6. The camera with highest settting is unable to achieve sufficient FPS in MJPEG. (Camera performance limitation) 7. The CGI's framerate and bitrate list is not same as camera web in the different resolution. (Camera Firmware issue) 8. Camera is unable achieve sufficient FPS with over 4M bitrate. (Camera Firmware issue) 9. In MPEG4 and MJPEG, the resolution list is not same as camera web. (Camera Firmware issue) 10. In MJPEG, the live view displays 800x448 but the camera setting is 800x450. (Camera Firmware issue) 11. When the format changes to MPEG4 before format is H.264 or MJPEG with the 176x144 resolution, the display will mosaic. (Camrea performance limitation)													
DCS-6212L	0.01.00	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	Yes				
DCS-6314	v1.01	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*				
Note:	1.Camera with h	ighest res	olution i	s unable to achie	ve maximun	n FPS in	any for	mat. (Came	ra perfo	ormance is	sue)			



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
DCS-6315	Refer to DCS- 6115(V0.09.00)	H.264 MPEG4 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
DCS-6410	1.00	MPEG4 M-JPEG	1	704x576	1-way	2/1	-	Yes	Yes	-	Supported by design
DCS-6510	v1.02	H.264 MPEG4 M-JPEG	1	640x480	*2	*2	-	Yes	Yes	Yes*	
Note:	1. It will return a performance lim 2. Audio and I/C	a JPEG ima itaion)		resolution 640x3	60(aspect r	atio 16:	9), or 6	40x480(asp	ect ratio	4:3). (Ca	mera
DCS-6511	V1.12.04	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes*	
Note:	(Camera Firmwa	ng format f ire issue)	from oth	s ners format to MP ximum FPS. (Can				-	rnchroni	zed with r	esolution list.
DCS-6513	1.02.00	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes*	
Note:		o 4:3, the grate zoom	resoluti	on of profile2 can n in our system,							
DCS-6515	Refer to DCS- 7518(v1.00.00)	H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DCS-6517	Refer to DCS- 7517(1.00.03)	H.264 MJPEG	1	2560x1920	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
DCS-6616	0.01.00	H.264 MPEG4 M-JPEG	1	720x480	1-way	8/1	Yes	Yes	Yes	Yes	
DCS-6620	1.05	MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	-	
DCS-6620G	1.05	MPEG4 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	-	
DCS-6815B1	0.01.00	H.264 MPEG4 M-JPEG	1	720x480	1-way	8/1	Yes	Yes	Yes	Yes	
DCS-6817B1	0.01.00	H.264 MPEG4 M-JPEG	1	720x480	1-way	8/1	Yes	Yes	Yes	Yes	
DCS-6818B1	0.01.00	H.264 MPEG4 M-JPEG	1	720x480	1-way	8/1	Yes	Yes	Yes	Yes	
DCS-6915	v1.00.10	H.264	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	
DCS-6915B1	refer to DCS- 6915(v1.00.10)	H.264	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I / O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks				
DCS-7000L	v0.09.00	H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	Yes	Yes					
Note:	 The format of The camera v 	the camer of the highes	ra is not t quality	are not configural configurable from resolution and M camera web forr	n MJPEG to NJPEG forma	H.264. It is una	(Camera ble to a	a Firmware i chieve 30 fp	ssue)		are issue)				
DCS-7010L	V1.05.03	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	Yes	Yes*					
Note:	performance lim	itation) mat change	es to MF	tion is unable to a		· ·									
DCS-7110	v1.20_2012051 7	H.264 MPEG4 M-JPEG	1	1280x800	-	1/1	Yes	Yes	Yes	Yes					
DCS-7110A3	V2.10.03	H.264 MPEG4 M-JPEG	1	1280x800	-	1/1	Yes	Yes	Yes	Yes					
Note:	1.The resolution	The resolution 176x144 can't sync with web (Camera firmware issue)													
DCS-7110B1	V3.00.04	H.264 MPEG4 MJPEG	1	1920x1080	-	1/1	-	Yes	Yes	Yes*					
Note:				and resolution ca e when resolution						ue)					
DCS-7410	1.00_3710	MPEG4 M-JPEG	1	720x480	1-way	2/1	Yes	Yes	Yes	Yes					
DCS-7413	1.00.02	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes					
DCS-7413 B1	V2.11.08	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*					
Note:	1. The camera vissue)	vith highes	t bitrate	and resolution a	re unable to	achieve	e the se	tting framer	ate. (Ca	mera perf	ormance				
DCS-7510	1.00	MPEG4 M-JPEG	1	704x576	1-way	2/1	-	Yes	Yes	-	Supported by design				
DCS-7513	V1.11.06	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes*					
Note:	issue) 2. When the formosaic. (Camera	1. The camera with highest bitrate and resolution are unable to achieve the setting framerate. (Camera performance issue) 2. When the format changes to MPEG4 before format is H.264 or MJPEG with the 176x144 resolution, the display will mosaic. (Camera Firmware issue) 3. The live view is not clear when the resolution changes to 320x176 or 480x270 in MPEG4. (Camera Firmware issue)													



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I / O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
DCS-7517	V1.00.03	H.264 MJPEG	1	2560x1920	1-way	1/1	-	Yes	Yes	Yes*	
Note:	 Audio in func OSD of live v issue) Zoom and for DI is triggere 	tion only suited is shown the second term of the se	upport 0 ved 960 ns are n status al	ork. (Camera Firm G.711 codec. (Car x536 when camer ot support. (Cam Iso opposites. (Ca s invalid when MI	mera Firmwa ra web is set era Fireware imera Firewa	tting 960 e issue) are issuo	0x540 r e)				Fireware
DCS-7518	V1.00	H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
Note:	 Talk function Camera video 	will fail wit paramete	h G.711 r of con	JPnP. (Camera fir I a-law. (Camera trast will fail whe rate is not synchr	firmware iss n set up to ^o	sue) 9. (Cam			ware iss	sue)	
DCS-900	1.00	MPEG4	1	640x480	1-way	-	-	-	Yes	-	Supported by design
DCS-910	1.00	MPEG4	1	640x480	-	-	-	-	Yes	-	Supported by design
DCS-920		M-JPEG	1	640x480	-	-	-	-	Yes	-	Supported by design
DCS-930	1.00 build 2	M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
DCS-930L	1.00 build 2	M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
DCS-930LB	Refer to DCS- 930LB1(v2.00 b1)	M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	Supported by design
DCS-930LB1	2.00	M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
Note:	Camera issue: A	Auto detect	ion faild	i.		•	•		•		
DCS-931L	1.00_b4	H.264 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
DCS-932	1.00	M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
DCS-932L	1.05_2012-10- 26_2.0.16-b4	M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
DCS-932LB	Refer to DCS- 932LB1(v2.00 b1)	M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	Supported by design
DCS-932LB1	refer to DCS- 930LB1(v2.00 b1)	M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	Supported by design
DCS-933L	1.00_b4	H.264 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
DCS-935L	V1.00	H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	Yes	
DCS-940L	1	H.264 MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
DCS-942L	1.2	H.264 MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
DCS-942LB	Refer to DCS- 942LB1(v2.00 b1)	H.264 MJPEG MPEG4	1	640x480	1-way	-	-	Yes	Yes	Yes	Supported by design
DCS-942LB1	V2.00_3815	H.264 MJPEG MPEG4	1	640x480	1-way	-	-	Yes	Yes	Yes	
DCS-950		MPEG4	1	640x480	1-way	-	-	-	Yes	-	Supported by design
DCS-950G		MPEG4	1	640x480	1-way	-	-	-	Yes	-	Supported by design
DCS-960L	v1.03.05	H.264	1	1280x720	1-way	-	-	Yes	*2	Yes*	
Note:	1.Audio codec c	an not syn	c with ca	amera web that c	ause noise.	(Camera	a Firmw	are issue)			
DCS-G900		M-JPEG	1	640x480	-	-	-	-	Yes	-	Supported by design
DCS-N2100		MPEG4 M-JPEG	1	640x480	-	-	-	Yes		Yes	
DCS-N2104		MPEG4 M-JPEG	1	640x480	-	-	-	Yes		Yes	
DCS-N2200		MPEG4 M-JPEG	1	1280x1024	-	-	-	Yes		Yes	
DCS-N2204		MPEG4 M-JPEG	1	1280x1024	-	-	-	Yes		Yes	
DCS-N3530		MPEG4 M-JPEG	1	720x576	-	2/2	-	Yes		Yes	
DCS-N3531		MPEG4 M-JPEG	1	720x576	-	2/2	Yes	Yes		Yes	
DCS-N3534		MPEG4 M-JPEG	1	720x576	-	2/2	Yes	Yes		Yes	
DCS-N4141		MPEG4 M-JPEG	1	1280x1024	-	1/1	-	Yes		Yes	
DCS-N4532		MPEG4 M-JPEG	1	720x576	-	1/1	-	Yes		Yes	
DCS-N4533		MPEG4 M-JPEG	1	720x576	-	1/1	-	Yes		Yes	
DCS-N5424		MPEG4 M-JPEG	1	720x576	-	1/1	Yes	Yes		Yes	



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I / O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
DCS-N5440		MPEG4 M-JPEG	1	720x576	-	1/1	Yes	Yes		Yes	
DCS-N5441		MPEG4 M-JPEG	1	720x576	-	1/1	Yes	Yes		Yes	
DCS-N5442		MPEG4 M-JPEG	1	720x576	-	1/1	Yes	Yes		Yes	
DCS-N5444		MPEG4 M-JPEG	1	720x576	-	1/1	Yes	Yes		Yes	
DCS-N6240		MPEG4 M-JPEG	1	720x576	-	1/1	Yes	Yes		Yes	
DCS-N6241		MPEG4 M-JPEG	1	720x576	-	1/1	Yes	Yes		Yes	
DCS-N6244		MPEG4 M-JPEG	1	720x576	-	1/1	Yes	Yes		Yes	
DVS-104		M-JPEG	4	720x576	-	4/2	-	Yes	Yes	-	Supported by design
DVS-210-1	1.00.01	MPEG4 M-JPEG	1	720x480	1-way	2/1	Yes	Yes	Yes	Yes	
DVS-310-1	1.00.11	H.264 MPEG4 M-JPEG	1	720x480	1-way	2/1	Yes	Yes	Yes	Yes	
DVS-N1010		MPEG4 M-JPEG	4	720x576	-	4/4	Yes	Yes		Yes	
DVS-N3010		MPEG4 M-JPEG	1	720x576	-	2/2	Yes	Yes		Yes	
DVS-N3011		MPEG4 M-JPEG	1	720x576	-	2/2	Yes	Yes		Yes	
DVS-N3014		MPEG4 M-JPEG	1	720x576	-	2/2	Yes	Yes		Yes	
DVS-N3040		MPEG4 M-JPEG	4	700x576	-	4/4	Yes	Yes		Yes	
DVS-N3041		MPEG4 M-JPEG	4	688x544	-	4/4	Yes	Yes		Yes	
DVS-N3044		MPEG4 M-JPEG	4	688x544	-	4/4	Yes	Yes		Yes	
Universal Model	Tested bt DCS- 2332L(V1.01.0 2)	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	Yes	-	Yes	



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I / O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
DCS- H_Series		H.264 M-JPEG	1	2592x1944	1-way	4/2	Yes	Yes	-	Yes	Supported by design
DCS- V_Series		H.264 MPEG4 M-JPEG	1	-	1-way	4/4	Yes	Yes	-	Yes	Supported by design
DCS-H30- 51D/S	Refer to DCS- H50- 21D/S(1.0.0x0	H.264 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
DCS-H41- 11D/SI	Refer to DCS- H50- 21D/S(1.0.0x0	H.264 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
DCS-H41- 11D/SO	Refer to DCS- H50- 21D/S(1.0.0x0	H.264 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
DCS-H42- 21D/SA	Refer to DCS- H50- 21D/S(1.0.0x0	H.264 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
DCS-H42- 21D/SM	Refer to DCS- H50- 21D/S(1.0.0x0	H.264 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
DCS-H50- 21D/S	1.0.0X0(20140 307)	H.264 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
DCS-H70- 21D	2.0.9A5S2	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
Note:	Which covered I	DCS-H70-2	21D/A aı	nd DCS-H70-2	1D/M			•		•	
DCS-H70- 21D/M	2.0.9A5S2	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
DCS-H70- 21D/SA1	Refer to DCS- H50- 21D/S(1.0.0x0	H.264 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
DCS-H70- 21D/SM1	Refer to DCS- H50- 21D/S(1.0.0x0	H.264 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
DCS-H70- 22D	2.0.9A5S2	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
DCS-N40M- 81H3	VC1.0.10	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
Note:	DCS-N40M-81H	3: Not sup	port TC	P/UDP			•	•	•	•	
Note:	Firmware Issue: Bitrate List on w				ate valu	e of car	nera cou	uld be 3Mkb	ps or 2.!	5Mkbps)	
DCS-N20M- 10H2	Refer to DCS-V70M- 21H (v1.0.30)	H264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DCS-N30M- 51H2	Refer to DCS-V70M- 21H (v1.0.30)	H264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
DCS-N31M- 21H3	Refer to DCS-V70M- 21H2 (VB1.0.29)	H264 MPEG4 MJPEG	1	1280x800	-	1/1	-	Yes	Yes	Yes	Supported by design
DCS-N40M- 53H2	Refer to DCS-V70M- 21H (v1.0.30)	H264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DCS-N62- 40H2	V1.0.40	H264 MJPEG	1	720x480	1-way	1/1	Yes	-	Yes	Yes	
DCS-N70M- 20H2	Refer to DCS-V70M- 21H (v1.0.30)	H264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DCS-N70M- 21H3	VB1.0.26	H264 MPEG4 MJPEG	1	1280x800	1-way	1/1	-	Yes	Yes	Yes	
DCS-N31M- 21H3	Refer to DCS-N70M- 81H3 (VC1.0.10)	H264 MPEG4 MJPEG	1	1280x800	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DCS-N40M- 22H3	Refer to DCS-N70M- 81H3 (VC1.0.10)	H264 MPEG4 MJPEG	1	1280x800	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DCS-N40M- 22H3	Refer to DCS-V70M- 21H2 (VB1.0.29)	H264 MPEG4 MJPEG	1	1280x800	-	1/1	-	Yes	Yes	Yes	Supported by design
DCS-N40M- 32H2	Refer to DCS-V70M- 21H (v1.0.30)	H264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DCS-N70M- 21H3	Refer to DCS-V70M- 21H2 (VB1.0.29)	H264 MPEG4 MJPEG	1	1280x800	-	1/1	-	Yes	Yes	Yes	Supported by design
DCS-V30M- 50H	Refer to DCS-V70M- 21H (v1.0.30)	H264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DCS-V30M- 51H	Refer to DCS-V70M- 21H (v1.0.30)	H264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DCS-V30M- 51H2	Refer to DCS-N70M- 81H3 (VC1.0.10)	H264 MPEG4 MJPEG	1	1280x800	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DCS-V40M- 12H	Refer to DCS-V70M- 21H2 (VB1.0.29)	H264 MPEG4 MJPEG	1	1280x800	-	1/1	-	Yes	Yes	Yes	Supported by design
DCS-V40M- 32H	Refer to DCS-V70M- 21H (v1.0.30)	H264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
DCS-V40M- 32H2	Refer to DCS-V70M- 21H2 (VB1.0.29)	H264 MPEG4 MJPEG	1	1280x800	-	1/1	-	Yes	Yes		Supported by design
DCS-V40M- 33H	Refer to DCS-V70M- 21H (v1.0.30)	H264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DCS-V70M- 11H	Refer to DCS-V70M- 21H2 (VB1.0.29)	H264 MPEG4 MJPEG	1	1280x800	-	1/1	-	Yes	Yes	Yes	Supported by design
DCS-V70M- 20H	Refer to DCS-V70M- 21H (v1.0.30)	H264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DCS-V70M- 21H	v1.0.30	H264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	
DCS-V70M- 21H2	VB1.0.29	H264 MPEG4 MJPEG	1	1280x800	-	1/1	-	Yes	Yes	Yes	
DCS-V70M- 50H	Refer to DCS-V70M- 21H (v1.0.30)	H264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DCS-N70M- 50H2	Refer to DCS-V70M- 21H (v1.0.30)	H264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design



- : not avaliable on camera *1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
Generic	z120141215 NSZ	H.264 M-JPEG	1	2592x1944	1-way	4/2	Yes	Yes	-	Yes*	
Note:	Generic suppor Parameter set PT function ar The maximum Camera (Z set Camera (W set	ort model: ting will fa e not test n resolution ries) firmw eries) firmv	W1-BA1 il when on softw is deperate must	ibration in Crys 00, W2-BAZ40 mutistream is a vare. ends on camera st be z1201412 ast be z120130 st be z1201410), W5-CI allow an a. 215NSZ 417NSA	or abo	olution hove ther	igher than 1 I can use ge I can use ge	neric meneric m	odel.	
na063	z120120523 NSA	H2.264	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes	
Note:	2. Talk quality	is not clea esn't tranp	ar ort suffi	rith camera wel						olution & quality,	and camera's
NA083	z120131016 NSA	H.264 M-JPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes	
Note:	2. Audio has s	ome noise		d quality may r resolution.	not get p	oaram	eter.				
NH061-CCD	CCD- cameraFw- 100205P	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	-	Yes	Yes	Yes	
Note:	turning off and Remove resol	d on to reb ution 1280	oot cam x720 in		ue to br	oken i		_	ng paran	neters. Current v	vorkaround is
NH221-CCD	CCD- cameraFw- 100205P	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	-	Yes	Yes	Yes	
Note:	The image is be protocol.	oroken bad	lly when	H.264 codec d configuring to broken in certa	the hig	hest re	0 1		quality u	nder H.264/MPE	G4 with UDP
NH720- 20N1	pm20120222 NSA	MJPEG/H 264	1	1920x1080	1-way	4/2	-	Yes	Yes	Yes	
NH720- 20N8	Refer to NH820-20N8 (z120131126	MJPEG/H 264	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	
NH820- 20N1	pm20120222 NSA	MJPEG/H 264	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	
NH820- 20N8	z120131126 NSA	MJPEG/H 264	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	
nv053	pm20120222 NSA	MJPEG/H 264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
nv063	pm20120222 NSA	MJPEG/H 264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
nv103	pm20120222 NSA	MJPEG/H 264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	



: not avaliable on camera*1: not avaliable on software*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution		I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks		
nv223	z120130417 NSA	MJPEG/H 264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes			
Note:	nv223's PTZ c nv223 suppor			epends on spec).								
V1-A		H.264 M-JPEG	1	1920x1080	-	-	-	Yes	Yes	Yes	Supported by design		
V1-B	d20100630N S	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	Yes			
Note:	There is high possibility to get broken image on the edge under H.264 codec with UDP protocol.												
V2-A		H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design		
V2-B	d20100826N S	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes			
V6-A		H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design		
V6-B	d20100630N S	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes			
Note:	The image is broken badly when configuring to the highest resolution, fps, quality, etc.												
Note:	Model A is referred to model B, promised by the manufacturer, so model A may encounter same issues of model B.												



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
GLC-1401	1.42	MPEG4 M-JPEG	1	720x576	1-way	1/0	Yes	Yes	Yes	-	Supported by design
GLC-1601	1.43	MPEG4 M-JPEG	1	720x576	1-way	1/0	Yes	Yes	Yes	-	
GLC-1602H	1.43	H.264 M-JPEG	1	720x576	1-way	1/0	Yes	Yes	Yes	-	
GLC-1610H		H.264 M-JPEG	1	720x480	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
GLC- 1701/IR	1.45	MPEG4 M-JPEG	1	720x576	-	1/0	-	Yes	Yes	Yes	
GLD-1401	1.40	MPEG4 M-JPEG	1	720x576	-	1/0	-	Yes	Yes	-	
GLD- 1501/IR	1.43	MPEG4 M-JPEG	1	720x576	1-way	1/0	Yes	Yes	Yes	-	
GLS-2101	1.45	MPEG4 M-JPEG	1	720x576	1-way	1/0	Yes	Yes	Yes	-	
GLS-2104	1.78	M-JPEG	4	704x272	1-way	-	Yes	Yes	Yes	Yes	
GLS-2301H	1.09	H.264 M-JPEG	1	720x480	1-way	-	-	Yes	Yes	Yes	
NLC-1401	v1.5.6	H.264 MPEG4	1	704x576	1-way	1/0	Yes	Yes	Yes	Yes	
NLD-1401	v1.5.6	H.264 MPEG4	1	704x576	1-way	1/0	-	Yes	Yes	Yes	
NLS-1401	v1.5.6	H.264 MPEG4	1	704x576	1-way	2/0	Yes	Yes	Yes	Yes	
NXC-1301M	v2.1.2	H.264	1	1280x720	-	2/0	-	Yes	Yes	Yes	
NXC-1302M	v2.1.2	H.264	1	1600x1200	-	2/0	-	Yes	Yes	Yes	
NXC-1401M	v2.1.2	H.264	1	1280x720	-	2/0	-	Yes	Yes	Yes	
NXC-1402M	v2.1.2	H.264	1	1600x1200	-	2/0	-	Yes	Yes	Yes	



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
NXD-1301M	v2.1.2	H.264	1	1280x720	-	2/0	-	Yes	Yes	Yes	
NXD-1302M	v2.1.2	H.264	1	1600x1200	-	2/0	-	Yes	Yes	Yes	
NXD-1401M	v2.1.2	H.264	1	1280x720	-	2/0	-	Yes	Yes	Yes	
NXD-1402M	v2.1.2	H.264	1	1600x1200	-	2/0	-	Yes	Yes	Yes	
GXB- 1710M-IR	refer to GXC- 1710M	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
GXB- 1720M-IR	Refer to GXC- 1720M	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	Supported by design
GXC-1605M	Refer to GXC- 1606M-IR	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
GXC- 1606M-IR	2.03	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	
GXC-1710M	2.11	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
Note:	Audio is disabled 1302M, NXD-140	,			C-1301	M, NXC	-1302M	, NXC-1401N	И, NXC-	1402M, NXD-130	01M, NXD-
Note:	PTZ is only suppo	orted by ex	ternal R	S-485 device.							
GXC-1720M	1.05_Beta	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	
GXD- 1610M-IR	Refer to GXC- 1606M-IR	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
GXD- 1710M-IR	refer to GXC- 1710M	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
GXD- 1720M-IR	Refer to GXC- 1720M	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	Supported by design
PXB- 1080Z03	Refer to PXD-2080Z03IR (FW: 4.19-20-ds)	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	Supported by design



- : not avaliable on camera *1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format		Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
PXB- 2080MIR	Refer to PXD-2080Z03IR (FW: 4.19-20-ds)	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	Supported by design
PXB- 2080Z03	Refer to PXD-2080Z03IR (FW:4.19-20-ds)	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	Supported by design
PXB- 2180Z03	Refer to PXD-2080Z03IR (FW: 4.19-20-ds)	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	Supported by design
PXC- 2080CS	Refer to PXD-2080Z03IR (FW: 4.19-20-ds)	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	Supported by design
PXC- 2080Z03	Refer to PXD-2080Z03IR (FW: 4.19-20-ds)	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	Supported by design
PXD- 1010F02	vr20121016NSA	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	Yes	
PXD- 1020F02	Refer to PXD- 1020F02 (vr20121016NS A)	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	Yes	Supported by design
Note:	Parameter setting	g will fail w	hen Mjp	eg quality bigg	jer than	60					
PXD- 2030PTZ10 80	vr20140416NSA	H.264 MJPEG	1	1920x1080	*2	*2	Yes	*2	*2	Yes	
Note:	PXD-2030PTZ108	30: High qu	uality ca	used the fps lo	wer.(Ca	mera lir	nitation	issue)			_
PXD- 2080MIR	Refer to PXD-2080Z03IR (FW: 4.19-20-ds)	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	IAudio	I/O Ch	121/	On-Edge Motion	UPnP	Multi Stream Support	Remarks		
PXD- 2080Z03	Refer to PXD-2080Z03IR (FW: 4.19-20-ds)	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	Supported by design		
PXD- 2080Z031R	4.19-20-ds	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	-			
Note:	1. Only support rtsp port 554 due to camera firmware issue. 2. Only integrate NTSC mode due to camera firmware issue. 3. Audio will be discontinuous under fps 1. 4. Framerate may not enough under high resolution, framerate and qualtiy settings.												



*1: not avaliable on software

*2: not test on software

For multi stream support:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
EV8180A	1.1.4 (build 003)	MJPEG, H264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	
EV8180Q - XD	1.1.4 (build 003)	MJPEG, H264	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	2. MotionDete	profile mo ection only	de only works d	support resolution H.264. ging HTTP port.	on 640x4	30. (car	nera lim	itation)			
EV8580A	Refer to EV8180A (1.1.4 (build 003))	MJPEG, H264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
EV8581A	Refer to EV8180A (1.1.4 (build 003))	MJPEG, H264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
EV8582U-BL	1.1.6 (build 003)	MJPEG, MPEG4, H264	1	1920x1080	1-way	-	-	Yes	Yes	Yes	
Note	1.Camera onl	y support l	MD unde	er H.264.							
EV8780A	Refer to EV8180A (1.1.4 (build 003))	MJPEG, H264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
EV8781A	Refer to EV8180A (1.1.4 (build 003))	MJPEG, H264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
EV8782A	Refer to EV8180A (1.1.4 (build 003))	MJPEG, H264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
EV8782Q - BD	Refer to EV8180Q- (XD1.1.4 (build 003))	MJPEG, H264	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N51A-ML	Refer to N71U-ML(FW 1.1.6 (build 003))	H264 MJPEG MPEG4	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N50U-ML	Refer to N71U-ML(FW 1.1.6 (build 003))	H264 MJPEG MPEG4	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N51U-ML	Refer to N71U-ML(FW 1.1.6 (build 003))	H264 MJPEG MPEG4	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps

Device Name	Tested Firmware		Video Ch	Max Resolution	Audio	I/O Ch	IPTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks		
N71U-ML	1.1.6 (build	H264 MJPEG MPEG4	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes			
Note	1.Camera only support Focus and Zoom . 2.Audio with noise. 3.Camera only support MD under H.264. 4.Dual stream will not connect if settings of main stream is MPEG4, 1080P and FPS over 20.												



*1: not avaliable on software

*2: not test on software

For multi stream support: Yes: multi stream fix to 500kbps/100kbps

				Yes*: mu	<u>liti stre</u>	eam set	ting su	pport	1			
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	ONVIF Search	Multi Stream Support	Remarks
EAN3200	1.0.14	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	-	
EAN800A	1.2.5	H.264 MPEG4 MJPEG	1	704x576	1-way	1/1	-	Yes	Yes	-	-	
EAN800AW	1.2.5	H.264 MPEG4 MJPEG	1	704x576	1-way	1/1	-	Yes	Yes	-	-	Supported by design
EAN850A	1.2.5	H.264 MPEG4 MJPEG	1	704x576	1-way	1/1	-	Yes	Yes	-	-	
EAN900	1.2.5	H.264 MPEG4 MJPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	-	-	
Note:	Fix stream 1 a	as recordin	g strean	n and fix strear	m 2 for ı	mobile c	lient use	ed.				
EAN2150	CCD- cameraFw- 100811P	MPEG4 M-JPEG H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	
EAN2350	ev20111116 NSA	H.264, MJPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	-	Yes	
EAN2218	ev 201111116NS A	H.264, MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	
EAN3120	V1.0.5	H.264, MJPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	-	Yes	
EAN3220	V1.0.5	H.264, MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	
EAN3300	refer to EHN3340(1.2 .4)	M-JPEG H.264	1	2048x1536	1-way	1/1	-	Yes	-	Yes	Yes	Supported by design
EDN1220	1.0.8	M-JPEG H.264	1	1920x1080	1-way	0/0	-	Yes	Yes	Yes	Yes	
Note:	Not support can't switch only support	n CBR/VBR	·.									
EDN1320	1.0.8	M-JPEG H.264	1	2048x1536	1-way	0/0	1	Yes	Yes	Yes	Yes	
Note:	Not suppor can't switch only suppor	n CBR/VBR	!									
EDN2210	ev20121002 NSA	H.264, MJPEG	1	1920x1080	1-way	-	-	Yes	Yes	-	Yes	
EDN2245	ev20111028B NS	H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	
EDN2260	1.3.0.d	H.264 MPEG4 MJPEG	1	1920x1080	1-way	-	-	-	Yes	Yes	Yes	
Note:	1. The value o	of H.264 qu	uality isr	ı't synchronized	d with c	:amera's	web					
EDN3240	1.0.14	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	-	



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	ONVIF Search	Multi Stream Support	Remarks
EDN3160	1.0.18	M-JPEG H.264	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Yes	
EDN3260	1.0.18	M-JPEG H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Yes	
EDN3340	refer to EHN3340(1.2 .4)	M-JPEG H.264	1	2048x1536	1-way	1/1	-	Yes	-	Yes	Yes	Supported by design
EDN800	1.2.5	H.264 MPEG4 MJPEG	1	704x576	1-way	1/1	-	Yes	Yes	-	-	
EDN850H	1.2.5	H.264 MPEG4 MJPEG	1	704x576	1-way	1/1	-	Yes	Yes	-	-	
EHN3160	1.0.18	M-JPEG H.264	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Yes	
EHN3200	1.0.14	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	-	
EHN3260	1.2.5B2	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Yes	
Note:		is not supp		Camera firmwa am2 and strea			eam2 a	nd stream3	on cam	era web.(C	camera firmw	are limitation)
EDN3260	1.0.18	M-JPEG H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	-	
EHN3340	1.2.4	M-JPEG H.264	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	Yes	
Note:	 The audio i Cannot cha Cannot get 	n status ca nge the ra snapshot l	in't sync te contro by CGI(4	support" but a hornize to web ol mode. (ONV 404). (Camera hen the value	client. IF limita firmwar	(ONVIF tion) e issue)	limitatio	on)	re issue)		
EHN3361	refer to EZN3340(1.2 .5-B2)	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	-	Yes	Yes	Supported by design
EMN2220	0.8.7-B10	M-JPEG H.264	1	1920x1080	1-way	0/0	-	Yes	Yes	Yes	Yes	
Note:	can't switch only support						•	•	•			
EMN2320	1.0.1	M-JPEG H.264	1	2048x1536	1-way	0/0	-	Yes	Yes	Yes	Yes	
Note:	EMN2320 no s	support 720	0x480, 7	104x480 and 64	40x480	resolutio	on.	•			•	
EPN2218	ev20111116 NSA	M-JPEG H.264	1	1920x1080	1-way	4/2	Yes	Yes	Yes	-	Yes	
EPN3100	1.2.14	H.264 MPEG4 MJPEG	1	704x576	1-way	4/2	Yes	Yes	Yes	-	-	Supported by design
EPN3600	1.2.14	H.264 MPEG4 MJPEG	1	704x576	1-way	4/2	Yes	Yes	Yes	-	-	



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	ONVIF Search	Multi Stream Support	Remarks
EPN4122	1.0.5	M-JPEG H.264	1	1280x960	1-way	2/2	Yes	Yes	Yes	Yes	Yes	
EPN4220	1.0.16	M-JPEG H.264	1	1920x1080	1-way	2/2	Yes	Yes	Yes	Yes	Yes	
Note:	2. Cannot cha	inge the ra	te contr	hornize to web ol mode. (ONV 404). (Camera	IF limita	tion)		on)				
EPN4220P	refer to EPN4220(1.0 .16)	M-JPEG H.264	1	1920x1080	1-way	2/2	Yes	Yes	-	Yes	Yes	Supported by design
EPN4230	refer to EPN4220(1.0 .16)	M-JPEG H.264	1	1920x1080	1-way	2/2	Yes	Yes	-	Yes	Yes	Supported by design
EQN2200	1.0.27	H.264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	-	Supported by design
EQN2201	1.0.27	H.264 MJPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	-	Supported by design
ETN2110	v3.2.1.4	M-JPEG MPEG4 H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Yes	
Note:	ETN2110: Mo	tion detect	ion is no	t compatible w	ith MPE	G4 code	c becau	se of camera	a firmwa	are issue.		
ETN2260	1.0.1_F1	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	-	Yes	Yes	-	Yes	Yes	
Note:	2.The quality 3.Not support 4.The resoluti 5.The quality	value can't zoom and on of snap value can't duplicate i	be synce focus.((shot alw be setu	ra firmware issociwith camera volumera firmwa rays be 640x48 up to 0, and the preset point, t	web.(Ca re issue 0.(Came e quality) era firm value c	ware iss	sue) setup to 10				
EVS200A	1.2.8	H.264 MPEG4 MJPEG	2	704x576	1-way	2/2	Yes	Yes	Yes	-	-	
EVS200AW	1.2.8	H.264 MPEG4 MJPEG	2	704x576	1-way	2/2	Yes	Yes	Yes	-	-	Supported by design
Note:		200AW: Fi		n 1 as recordin al RS-485 devid	9	n and fix	stream	2 for mobil	e client	used.	•	•
EVS410	1.0.21	H.264 MJPEG	4	704x480	1-way	4/1	-	Yes	-	Yes	-	
Note:	1.MJPEG high 2.Not support			n up to 10 fps.								
						1 /1			Yes	Yes		
EZN3240	1.0.14	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	163	103	-	
EZN3240 EZN850	1.0.14		1	1920x1080 704x576	1-way 1-way	1/1	Yes	Yes	Yes	-	-	
		MJPEG H.264 MPEG4 MJPEG	1							-	-	
EZN850	1.2.5 PTZ: support	MJPEG H.264 MPEG4 MJPEG focus only.	1		1-way	1/1	Yes	Yes	Yes	-	- - D, EZN3240	



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	ONVIF Search	Multi Stream Support	Remarks				
EZN3160	1.0.7-B1	M-JPEG H.264	1	1280x1024	1-way	1/1	-	Yes	Yes	-	Yes					
EZN3260	1.2.4	M-JPEG H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes					
Note:	2. Stream2 ar site.	3. The quality value will correspond to website Bitrate/Quality depends on CBR/VBR. H.264														
EZN3340	1.2.5-B2	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	*1	Yes	-	Yes	Yes					
Note:	1.The parameters of the camera are not configurable with MPEG4 format. (Camera firmware issue) 2.Not support CBR mode. (Camera firmware issue) 3.Not support zoom and focus. (Camera firmware issue) 4.It will lose parameters of stream2 and stream3 if you disable stream2 and stream3 on camera web. (Camera firmware issue)															
EZN3361	refer to EZN3340(1.2 .5-B2)	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	-	Yes	Yes					
Generic	1.2.5B11	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*					
Note:				ra Firmware iss am2 and strean		ı disable	stream	n2 and strea	m3 on c	amera we	b.(Camera pe	rformance				



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
ACM-PT500	2.03.16	H.264 MPEG4	1	2048x1536	1-way	2/1	Yes	Yes	Yes	-	Yes	
Note:	Camera is una	able to ach	ieve ma	ximum FPS. (Ca	mera pert	ormano	e limita	tion)				
ACM-R2001	1.02.09	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	-	Yes	
Note:	Framerate ma	y not enou	ugh abou	ut 2~8 fps due t	o camera	issue.		•		•		•
ACM-R3002	Refer to ACM- V3103(FW 2.03.23A)	H.264 MPEG4	1	2048x1536	1-way	1/1	*2	Yes	Yes	-	Yes*	Supported by design
Note:	1.Frame rate 2.Not support			quirements.(Can	nera perfo	rmance	limitati	on)				
ACM-R3006	1.02.05T	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	*2	*2	Yes	Yes	-	Yes	
ACM-V3001	1.02.09	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	*2	-	Yes	Yes	-	Yes	
ACM-V3103	2.03.23A	H264 MPEG4	1	2048x1536	1-way	2/1	*2	Yes	Yes	-	Yes*	
Note:	2.RS-485 can	't be work.	(Camera	ra Firmware issu a Firmware issue era Firmware iss	e)							
ACM-V3002	Refer to ACM- V3103(FW 2.03.23A)	H264 MPEG4	1	2048x1536	1-way	2/1	*2	Yes	Yes	-	Yes*	Supported by design
Note:	1.Frame rate 2.Not support			quirements.(Can	nera perfo	rmance	limitati	on)				
C3000/C300 0-W	v3.2.2.3	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	-	Yes	
CDB- 3VM835	Refer to TCP- HDVB835(VJ 2.0.02_F)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design
CDB- 4KM552	Refer to TCP- KM465(VK2. 0.11.0_F)	H.265 H.264 MJPEG	1	2592x1520	1-way	1/1	-	*2	Yes	-	Yes*	Supported by design
CDB-4KU852	Refer to TCP- 4KU808(VH2. 0.0.12_F)	H.264 MJPEG	1	3840x2160	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design
CDB- 5VM551	Refer to TCP- VM559(VC2. 0.26.6_F)	H.264 M-JPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support: Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
CDB-720F		H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	*1	-	Yes	
CDB- 720F/IR	V1.0.20_F	H.264 MPEG4 M-IPEG	1	1280x800	1-way	1/1	-	Yes	*1	-	Yes	
CDB-720V	VB1.0.26_F	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1-1	-	Yes	Yes	-	Yes	
CDB-720VIR	VB1.0.26_F	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	*1	-	Yes	
CDB- 720VIR-H	VE2.0.14.2_F	H.264 MJPEG	1	1280x800	1-way	1/1	-	Yes	Yes	-	Yes	
Note:				ot reach up to 20 tream profile dis		re	•	,				
CDB-HD280	refer to TCP- HDVB800- H(VE2.0.16.8 _F)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design
CDB-HFD720	Refer to TCP- HDVB720- H(VE2.0.20.8)	H264 MJPEG	1	1280x800	-	-	-	Yes	Yes	-	Yes*	Supported by design
CDB-HFD728	refer to CDB- 720VIR- H(VE2.0.14.2 _F)	H.264 MJPEG	1	1280x800	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design
CDB-HFD828	refer to TCP- HDVB800- H(VE2.0.16.8 _F)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design
CDB- HFD828W	refer to TCP- HDVB800- H(VE2.0.16.8 _F)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design
CDB-MD602	refer to TCP- MZ602(VG1. 0.14_F)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design
CDB- MV1080F	VB1.0.32_F	H.264 MPEG4 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	-	Yes	
CDB- MV720F	VB1.0.28_F	H.264 MPEG4 M-JPEG	1	1280x800	-	1/1	-	Yes	Yes	-	Yes	
Note:	Camera FW is		erate car	n not reach 30fp	S.							
CDB- MV720F-H	Refer to TCP- HDVB720- H(VE2.0.20.8	H264 MJPEG	1	1280x800	-	-	-	Yes	Yes	-	Yes*	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
CDB-T5	V6.08.25-NB	H.264 M-JPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	-	Yes*	
Note:				ibration in Cryst ile selecting MO		in playb	ack syst	tem. (NUUC) server	limitation)	•	
CDV-2M360	VB1.0.32_F	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Yes	
Note:	Fisheye came	ra										
CDV-3F828	Refer to TCP- HDVB180(VE 1.0.20.6_F)	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	-	Yes*	Supported by design
CDV-3V930		MPEG4 M-JPEG	1	720x480	1-way	1/1	-	Yes	-	-	-	Supported by design
CDV-3V930U		MPEG4 M-JPEG	1	720x480	1-way	1/1	-	Yes	-	-	-	Supported by design
CDV- 3VM301		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	VC1.0. 06_F	-	-	Supported by design
CDV- 3VM501	refer to TCP- MH802(1.0.4 6)	M-JPEG H.264	1	1600x1200	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design
CDV- 3VM800	VC1.0.06_F	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	
CDV- 3VM800-H	refer to TCP- HDVB800- H(VE2.0.16.8 _F)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design
CDV- 3VM800-H1	refer to TCP- HDVB800- H(VE2.0.16.8 _F)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design
CDV- 3VM800Z3	Refer to TCP- HDVB800Z3(VC2.0.24.2_F	H.264 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Yes*	Supported by design
CDV- 3VM800Z42	VE1.0.20.2_F	H.264 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Yes*	
Note:		_		lution and MJPE , bitrate and fra			_				-	
CDV- 3VM835	Refer to TCP- HDVB835(VJ 2.0.02_F)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design
CDV- 3VWD960	V1.0.16_F	H.264 M-JPEG	1	720x576	1-way	1/1	-	Yes	-	-	-	
CDV- 3VWD960H		H.264 M-JPEG	1	720x576	1-way	1/1	-	Yes	-	-	-	Supported by design
CDV-4F936	VH2.0.0.8_F	H.264 MJPEG	1	2688x1520	-	-	-	Yes	Yes	-	Yes*	



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks	
Note:	1. Camera wit	h highest	resolutio	on and MJPEG fo	rmat is u	nable to	use. (Ca	amera perfo	ormance	e limitation)		
CDV- 4KM502	Refer to TCP- KM465(VK2. 0.11.0 F)	H.265 H.264 MJPEG	1	2592x1520	1-way	1/1	-	*2	Yes	-	Yes*	Supported by design	
CDV-4KU801	Refer to TCP- 4KU808(VH2. 0.0.12_F)	H.264 MJPEG	1	3840x2160	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design	
CDV- 4VM501	Refer to TCP- VM469(VH1. 0.0_F)	H.264 MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design	
CDV- 4VM501Z42	Refer to TCP- VM469Z42(V H2.0.0.2)	H.264 MJPEG	1	2688x1520	1-way	1/1	Yes	Yes	Yes	-	Yes*	Supported by design	
CDB- 4VM551	Refer to TCP- VM469(VH1. 0.0_F)	H.264 MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design	
CDV- 5VM501	Refer to TCP- VM559(VC2. 0.26.6 F)	H.264 M-JPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	-	Yes		
CDV- 5VM501G	Refer to TCP- VM559G(VH2 .0.0.6)	H.264 M-JPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design	
CDV- 5VM501Z3	VC2.0.26.4_F	H.264 M-JPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	-	Yes*		
Note:	1. PTZ could o	only suppo	rt zoom	and autofocus.									
CDV- 5VM501Z42	Refer to TCP- VM559Z42(V C2.0.26.6)	H.264 MJPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	-	Yes*	Supported by design	
CDB- 5VM551G	Refer to TCP- VM559G(VH2 .0.0.6)	H.264 M-JPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design	
CDV-DT5	V6.08.25-NB	H.264 M-JPEG	1	2592x1944	1-way	-	-	Yes	Yes	-	Yes		
Note:	1.Camera is u	ra with ma nable to a	chieve n	ibration in Cryst naximum FPS. (box not sync w	Camera p				tation)			•	
CDV- DT910IR	A1D-500- V6.10.24-NB	H.264 M-JPEG	1	3648x2736	1-way	-	-	Yes	Yes	-	Yes*		
Note:	1.Camera with highest resolution(3648x2736) is unable to achieve the expected fps when the format is MPEG. (Camera Firmware issue)												
CDV-DT951R	Refer to CDV- DT5(V6.08.2 5-NB)	H.264 M-JPEG	1	2592x1944	1-way	-	-	Yes	Yes	-	Yes*		



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
CDV-MD602	refer to TCP- MZ602(VG1. 0.14_F)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design
CDV-MD605	Refer to TCP- MZ602(VG1. 0.14_F)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design
CDV- MFB2000D	2.03.17	H.264 MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	
Note:				maximum FPS. (splay failure. (NU				itation)				
CDV- MV1080F-H	refer to TCP- HDVB800- H(VE2.0.16.8 F)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design
CDV-P360	refer to TCP- MH802(1.0.4 6)	M-JPEG H.264	1	1600x1200	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design
CDV-P360-5	VC2.0.26.4_F	H.264 M-JPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	-	Yes*	
Note:	Fisheye came	ra with ma	nual cal	ibration in Cryst	al							
CDV- VM2008T	01_C021	H.264 H.265 M-JPEG	1	1920x1080	1-way	2/2	Yes*	Yes	Yes	-	Yes*	
Note:	1. Not suppor	t G.726 wi	th 8K H	z and 16 bits pe	r sample a	and AMR	codec.	(NUUO ser	ver limi	tation)		
EDH-02H	V1.0.20_F	H.264 M-JPEG	1	720x480	1-way	1/1	Yes	Yes	-	-	-	
EP-201		MPEG4 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-	-	-	Supported by design
EP-221		MPEG4 M-JPEG	1	720x480	1-way	1/0	Yes	Yes	-	-	-	Supported by design
EP-221DN		MPEG4 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-	-	-	Supported by design
EP-601		MPEG4 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-	-	-	Supported by design
EP-601HW		MPEG4 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-	-	-	
EP-908		MPEG4 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-	-	-	Supported by design
EP-908HW		MPEG4 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-	-	-	Supported by design
EP-936		MPEG4 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-	-	-	Supported by design
EP-936HW		MPEG4 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	ı	-	-	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
EP-HTQ935	V3.2.56_F	MPEG4 M-JPEG	1	720x480	-	0/0	Yes	Yes	-	-	-	
P-Q2018H- P		H.264 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-	-	-	Supported by design
P- 22018HW- P	V1.0.8_F	H.264 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-	-	-	
P-Q2026H- P		H.264 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-	-	-	Supported by design
P- 22026HW- P		H.264 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-	-	-	Supported by design
P-Q2036H- P		H.264 M-JPEG	1	720x480	1-way	0/0	Yes	Yes	-	-	-	Supported by design
P- 22036HW- P	V1.0.46_F	H.264 M-JPEG	1	720x576	*2	*2	Yes	Yes	*2	-	Yes	
/ID-D1200		MPEG4 M-JPEG	1	720x480	1-way	1/1	Yes	Yes	-	-	-	Supported by design
/ID-D1322	V1.0.23.09_F	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	2/1	*1	Yes	Yes	-	Yes	
/ID-D1612	V1.0.16_F	H.264 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	-	-	-	
/ID-D3622Q- Н	VD1.0.12_04 _F	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	-	Yes	
6P- HP2013C-IP	onvif_v2.4.2 _20150327	M-JPEG H.264	1	1280x960	1-way	1/1	Yes*	Yes	-	Yes	Yes*	
	2. Bitrate list a 3. 704x288 is 4. Auto focus [IP+]5. Video [NAS]6. Focus	and quality not shown is not supp parameter and PTZ s	y list man in the roorted. (setting peed se	ra Firmware issuy not be synchro esolution list of Camera perforn does not synchr tting are not sup doesn't update v	nized wit the secon nance limi onize to c pported. (I	d strear tation) amera v NUUO s	n. (Cam web. (Ca erver lin	era Firmwa mera Firmv nitation)	re issue ware iss	ue)		
SP- HP2020C-IP	onvif_v2.4.0 _20141027	M-JPEG H.264	1	1920x1080	1-way	1/1	Yes*	Yes	-	Yes	Yes*	
	2. DO is unabl 3. Bitrate list a 4. 704x288 is 5. Flip and mi 6. Auto pan is	e to turn of and quality not shown rror are no not suppo	off. (Cam I list man I in the root suppo Orted. (C	a Firmware issue tera Firmware is y not be synchro esolution list of rted. (Onvif limit nvif limitation) Camera perform	sue) onized wit the secon tation)	d strea			-	·)		

8. Hue setting is not supported. (Onvif limitation)

9. Video parameter setting does not synchronize to camera web. (Camera Firmware issue) [NAS] 10. Focus and PTZ speed setting are not supported. (NUUO server limitation)



SP-

SP-

SP-

HP2320C-IP

HP2330C-IP

HP2330Q-IP

Refer to SP-HP2020C-

.0_20141027

Refer to SP-

IP(onvif v2.4 Refer to SP-HP2020C-

IP(onvif_v2.4

.0_20141027

HP2020C-

IP(onvif_v2.4 M-JPEG

M-JPEG

H.264

M-JPEG

H.264

- : not avaliable on camera

*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Yes*: Joystick support to control PTZ speed in Crystal

			103	. Joystick supp	port to co	51111 01 1	12 Spc	cu iii ci ya	itai				
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks	
SP- HP2020CM- IP	Refer to SP- HP2020C- IP(onvif_v2.4 .0_20141027	M-JPEG H.264	1	1920x1080	1-way	1/1	Yes*	Yes	-	Yes	Yes*	Supported by design	
SP- HP2020Q-IP	Refer to SP- HP2020C- IP(onvif_v2.4 .0_20141027	M-JPEG H.264	1	1920x1080	1-way	1/1	Yes*	Yes	-	Yes	Yes*	Supported by design	
SP- HP2030Q-IP	Refer to SP- HP2020C- IP(onvif_v2.4 .0_20141027	M-JPEG H.264	1	1920x1080	1-way	1/1	Yes*	Yes	-	Yes	Yes*	Supported by design	
SP- HP2030C-IP	refer to SP- HP2330Q- IP(v2.3.1)	M-JPEG H.264	1	1920x1080	1-way	4/2	Yes	Yes	Yes	-	Yes	Supported by design	
SP- HP2030CM- IP	Refer to SP- HP2020C- IP(onvif_v2.4 .0_20141027	M-JPEG H.264	1	1920x1080	1-way	1/1	Yes*	Yes	Yes	Yes	Yes*	Supported by design	
SP- HP2030SR- IP	onvif_v2.5.0	M-JPEG H.264	1	1920x1080	1-way	8/2	Yes*	Yes	Yes	-	Yes*		
Note:	1. Audio via G.711 is abnormal. (Camera Firmware issue) 2. Bit rate list and frame rate list do not synchonize with camera web. (Camera Firmware issue) 3. Camera with highest quality and resolution is unable to achieve settings' frame rate. (Camera performance limitation) 4. Not support TALK. (Camera Firmware issue) 5. If video format is changed from camera web, video should be manually reconnected on server to avoid video showed black screen. (Camera Firmware issue) 6. Auto focus and focus near/far are not supported on linux-based NVR. (NUUO server limitation) 7. Snapshot will get the error image. (Camera Firmware issue) 8. If preset name include number and the number smaller than 0 or bigger than 255, it will set failed. (Camera Firmware issue)												
SP- HP2040SR- IP	Refer to SP- HP2030SR-IP (onvif_v2.5.0		1	1920x1080	1-way	8/2	Yes*	Yes	Yes	-	Yes*	Supported by design	
SP- HP2313C-IP	Refer to SP- HP2013C- IP(onvif_v2.4 .2_20150327	M-JPEG H.264	1	1280x960	1-way	1/1	Yes*	Yes	-	Yes	Yes*	Supported by design	

Yes*

Yes*

Yes*

Yes

Yes

Yes

1/1

1/1

1/1

1

1

1

1920x1080

1920x1080

1920x1080

1-way

1-way

1-way

Supported

by design

Supported

by design

Supported

by design

Yes*

Yes*

Yes*

Yes

Yes

Yes



- : not avaliable on camera *1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
SP- HP2336Q-IP	Refer to SP- HP2020C- IP(onvif_v2.4 .0_20141027	M-JPEG H.264	1	1920x1080	1-way	1/1	Yes*	Yes	-	Yes	Yes*	Supported by design
SP- HP2620CP- IP	Refer to SP- HP2020C- IP(onvif_v2.4 .0_20141027	M-JPEG H.264	1	1920x1080	1-way	1/1	Yes*	Yes	-	Yes	Yes*	Supported by design
SP-HP4833- IP	A1D-500- V6.09.44-NB		1	2688x1520	1-way	4/2	Yes*	Yes	Yes	-	Yes*	
Note:	1.The camera	with resol	ution 19	920x1080 is una	ble to ach	ieve 30	fps. (Cai	mera perfo	rmance	limitation)		
SP- PTIR736A- IP	Refer to EP- Q2036HW- IP(V1.0.46_F)	H.264 M-JPEG	1	720x576	*2	*2	Yes	Yes	*2	-	Yes	Supported by design
SP- PTIR736B- IP	Refer to EP- Q2036HW- IP(V1.0.46 F	H.264 M-JPEG	1	720x576	*2	*2	Yes	Yes	*2	-	Yes	Supported by design
SP- PTIR737-IP	V1.0.16_F	H.264 M-JPEG	1	720x576	1-way	0/0	Yes	Yes	-	-	-	
SP- PYIR737- LA-IP		H.264 M-JPEG	1	720x480	1-way	-	Yes	Yes	-	-	-	Supported by design
TCMA-99		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	-	-	-	Supported by design
TCMP-99		MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	-	-	-	Supported by design
TCP-336AM	VB1.0.40_F	H.264 MPEG4 M-JPEG	1	2032x1536	1-way	1/1	-	Yes	Yes	-	Yes	
Note:	When format		IPEG4, r	esolution is 192	0*180 and	quality	is exce	llent, the m	aximum	r FPS can o	nly reach 20.	
TCP-1200AV	V1.0.26_F	H.264 M-JPEG	1	640x480	1-way	-	-	Yes	-	-	-	
TCP-1300AM	V1.0.26_F	H.264 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	-	-	
TCP-2200AM	V1.0.30_F	H.264 MJPEG	1	1600x1200	1-way	-	-	-	Yes	-	Yes	
TCP- 2200AM-H	refer to TCP- HDVB800- H(VE2.0.16.8 _F)	H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design
TCP-2700AM	refer to CDB- 720VIR- H(VE1.0.12.2 _F)	H.264 MJPEG	1	1280x800	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design
TCP- 2700AM-W	refer to CDB- 720VIR- H(VE2.0.14.4	H.264 MJPEG	1	1280x800	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design
TCP-2800AM	refer to TCP- HDVB800- H(VE2.0.16.8 _F)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design



- : not avaliable on camera *1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
TCP-4KU808	VH2.0.0.12_ F	H.264 MJPEG	1	3840x2160	1-way	1/1	-	Yes	Yes	-	Yes*	
Note:	1. Camera car	n not achie	eve settii	ng frame rate w	hen resolu	ution is	3840x2	160. (Came	ra perfo	ormance lin	nitation)	
TCP-670DNU		MPEG4 M-JPEG	1	720x480	1-way	2/2	-	Yes	-	-	-	Supported by design
TCP-680DNU		MPEG4 M-JPEG	1	720x480	1-way	2/2	-	Yes	-	-	-	Supported by design
TCP-690		MPEG4 M-JPEG	1	720x480	1-way	2/2	-	Yes	-	-	-	Supported by design
TCP-690DN		MPEG4 M-JPEG	1	720x480	1-way	2/2	-	Yes	-	-	-	Supported by design
TCP-690U	V3.2.60_F	MPEG4 M-JPEG	1	720x480	1-way	2/2	-	Yes	-	-	-	
TCP-B365K	refer to TCP- HDVB800- H(VE2.0.16.8 _F)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design
TCP-BF108	Refer to TCP- HDVB720- H(VE2.0.20.8)	H264 MJPEG	1	1280x800	-	-	-	Yes	Yes	-	Yes*	Supported by design
TCP-BF128	Refer to TCP- HDVB720- H(VE2.0.20.8)	H264 MJPEG	1	1280x800	-	-	-	Yes	Yes	-	Yes*	Supported by design
TCP-BF1080	refer to TCP- HDVB800- H(VE2.0.16.8	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design
Note:	-	-		ream profile dis		Έ		1	ı	1	1	
TCP-BF208	Refer to TCP- HDVB180(VE 1.0.20.6_F)	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	-	Yes*	Supported by design
TCP-BF428	Refer to CDV-4F936 (VH2.0.0.8_F)	H.264 MJPEG	1	2688x1520	-	-	-	Yes	Yes	-	Yes*	
TCP- BF728IR	refer to CDB- 720VIR- H(VE2.0.14.2 _F)	H.264 MJPEG	1	1280x800	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design
TCP- BF828IR	refer to TCP- HDVB800- H(VE2.0.16.8 _F)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design
TCP- HDVB110	Refer to TCP- HDVB720- H(VE2.0.20.8	H264 MJPEG	1	1280x800	-	-	-	Yes	Yes	-	Yes*	Supported by design
TCP- HDVB180	VE1.0.20.6_F	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	-	Yes*	
TCP- HDVB720P	V1.0.20_F	H.264 MPEG4 M-JPEG	1	1280x800	-	1/1	-	Yes	Yes	-	Yes	



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
TCP- HDVB720-H	VE2.0.20.8	H264 MJPEG	1	1280x800	-	-	-	Yes	Yes	-	Yes*	
Note:	(1)Str	eam1 & St	ream2 f	imera rimiware format : JPEG, w	hen strea	m1's re			stream2	's fps woul	ld increase a	little
TCP- HDVB800		11.07.4	1	1920x1080	1-way	1/1	-	-	Yes	-	Yes	
TCP- HDVB800-H	VE2.0.16.8_F	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	
Note:	 Audio has r Parameter : 	noise.(Cam	era firm	maximum FPS.(i nware issue) mera can't conn	·							•
TCP- HDVB800- H1	HDVB800- H(VE2.0.16.8	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design
TCP- HDVB800Z3	VC2.0.24.2_F	H.264 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Yes	
Note:	1. PTZ only su	ıpport zool	n.			1		<u> </u>				Į
TCP- HDVB800Z4 2	Refer to CDV- 3VM800Z42	H.264 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Yes*	Supported by design
TCP- HDVB801		H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	-	Yes	-	Yes	
TCP- HDVB835	VJ2.0.02_F	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	
Note:		dec is chan	ged from	x360. (Camera l m camera web, v			<u>l</u> nanually	reconnecte	ed on se	rver to avo	id abnorma	audio.
TCP-HFB720	VB1.0.28_F	H.264 MPEG4 M-JPEG	1	1280x800	-	1/1	-	Yes	Yes	-	Yes	
TCP- HFB720-H	Refer to TCP- HDVB720-	H264 MJPEG	1	1280x800	-	-	-	Yes	Yes	-	Yes*	Supported by design
TCP- HFB1080D	2.03.10	H.264 MPEG4	1	1920x1080	-	-	-	Yes	*1	-	Yes	
Note:	1.The respons	se of came	ra settin	g is slow.								
TCP-HP1080	VC1.0.06_F	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	



*1: not avaliable on software

*2: not test on software For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
TCP- HP1080-H	refer to TCP- HDVB800- H(VE2.0.16.8 _F)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design
TCP- HP1080WI		H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	-	*1	-	Yes	
TCP-HP930		MPEG4 M-JPEG	1	720x480	1-way	2/2	-	Yes	-	-	-	Supported by design
TCP-HP930U		MPEG4 M-JPEG	1	720x480	1-way	2/2	-	Yes	-	-	-	Supported by design
TCP- HVB3100D	Refer to ACM- V3103(FW 2.03.234)	H264 MPEG4	1	2048x1536	1-way	2/1	*2	Yes	Yes	-	Yes*	Supported by design
Note:	1.Frame rate (2.Not support			quirements.(Car	mera perfo	ormance	limitati	on)				
TCP- HVB3105D	Refer to ACM-	H264 MPEG4	1	2048x1536	1-way	1/1	*2	Yes	Yes	-	Yes*	Supported by design
Note: TCP- IPWD690		MPEG4 M-JPEG	1	quirements.(Car	1-way	2/2	-	Yes	-	-	-	Supported by design
TCP-	V1.0.16_F	H.264 M-JPEG	1	720x576	1-way	1/1	-	Yes	-	-	-	25 dos.g.
TCP-IR590- WD30	V1.0.20_F	H.264 M-JPEG	1	720x576	1-way	1/1	-	Yes	-	-	-	
TCP-1R590- WD50		H.264 M-JPEG	1	720x576	1-way	1/1	-	Yes	-	-	-	Supported by design
TCP- IRH5030C	refer to TCP- MH802(1.0.4 6)	M-JPEG H.264	1	1600x1200	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design
TCP- IRH5040C	refer to TCP- MH802(1.0.4 6)	M-JPEG H.264	1	1600x1200	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design
TCP- IRH5080-50	Refer to TCP- IRH5080- 70(VC2.0.26. 4_F)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design
TCP- IRH5080W- 50	Refer to TCP- IRH5080- 70(VC2.0.26.	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design



- : not avaliable on camera *1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
TCP- IRH5080-70	VC2.0.26.4_F	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	
TCP- I RH5080W- 70	Refer to TCP- IRH5080- 70(VC2.0.26.	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design
TCP-IRV540		MPEG4 M-JPEG	1	720x480	1-way	0/0	-	Yes	-	-	-	Supported by design
TCP-IRV560		MPEG4 M-JPEG	1	720x480	1-way	1/1	-	Yes	-	-	-	Supported by design
TCP-KM465	VK2.0.11.0_F	H.265 H.264 MJPEG	1	2592x1520	1-way	1/1	-	*2	Yes	-	Yes*	
TCP-KZ462	KM465(VK2.	H.265 H.264 MJPEG	1	2592x1520	1-way	1/1	-	*2	Yes	-	Yes*	Supported by design
ТСР-МЗ6ОК	refer to TCP- HDVB800- H(VE2.0.16.8 _F)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design
TCP- M912DN	V1.2.28_F	MPEG4 M-JPEG	1	MPEG4: 640x480 M-JPEG: 1280x960	1-way	2/2	-	Yes	1	-	-	
ГСР-МВ602	refer to TCP- MZ602(VG1. 0.14_F)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design
TCP-MB605	refer to TCP- MZ602(VG1. 0.14_F)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design
TCP-MB685	refer to TCP- MZ602(VG1. 0.14 F)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design
ГСР-МН802	1.0.46	M-JPEG H.264	1	1600x1200	1-way	1/1	-	Yes	Yes	-	Yes	
Note:				displayed with Minaximum FPS.					e)			
ГСР-МН859	Refer to TCP- VM559(VC2. 0.26.6_F)	H.264 M-JPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design
TCP-MZ602	VG1.0.14_F	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	



*1: not avaliable on software

*2: not test on software

For multi stream support: Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I / O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
TCP-MZ605	refer to TCP- MZ602 (FW: VG1.0.14)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design
TCP- VM2008T	01_C021	H.264 H.265 M-JPEG	1	1920x1080	1-way	2/2	Yes*	Yes	Yes	-	Yes*	
Note:	1. Not suppor	t G.726 wi	th 8K Hi	z and 16 bits pe	r sample a	and AMF	codec.	(NUUO ser	ver limi	tation)		
TCP-VM201		MPEG4 M-JPEG	1	1280x1024	1-way	0/0	-	Yes	-	-	Yes	Supported by design
TCP-VM2210	3.1.0.0	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/0	Yes*	Yes	Yes	-	Yes*	
Note:				to camera not s on via MJPEG or								nance
TCP-VM2818	Refer to TCP- VM2210(3.1. 0.0)	H.264 M-JPEG	1	1920x1080	1-way	1/0	Yes*	Yes	Yes	-	Yes*	Supported by design
TCP-VM2833	Refer to TCP- VM2210(3.1. 0.0)		1	1920x1080	1-way	1/0	Yes*	Yes	Yes	-	Yes*	Supported by design
TCP-VM359	VC1.0.16_F	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	-	Yes	
TCP-VM469	VH1.0.0_F	H.264 / MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	-	Yes*	
Note:	1. Resolution	list & fram	e rate li	st may not sync	with web	.(Camer	a Firmw	are issue)				
TCP- VM469Z42	VH2.0.0.2	H.264 MJPEG	1	2688x1520	1-way	1/1	Yes	Yes	Yes	-	Yes*	
Note:				nigh FPS. (Came me as web resol								
TCP-VM501	refer to TCP- MH802(1.0.4 6)	M-JPEG H.264	1	1600x1200	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design
TCP-VM559	VC2.0.26.6_F	H.264 M-JPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design



: not avaliable on camera*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
TCP- VM559G	VH2.0.0.6_F	H.264 M-JPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	-	Yes*	
Note:	1. The camera	a with high	iest qual	lity and MJPEG f	ormat is u	ınable to	o use. ((Camera per	formand	e limitation	า)	
TCP- VM559Z3	refer to CDV- 5VM501Z3(V C2.0.26.4_F)	H.264 M-JPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	-	Yes*	Supported by design
TCP- VM559Z42	VC2.0.26.6_F	H.264 MJPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	-	Yes*	
WB-8211SD		MPEG4 M-JPEG	1	720x480	1-way	2/4	-	Yes	-	-	Yes	Supported by design
WB- 8211SDU		MPEG4 M-JPEG	1	720x480	1-way	2/4	-	Yes	-	-	Yes	Supported by design
WB-8411		MPEG4 M-JPEG	4	720x480	1-way	4/1	-	Yes	-	-	Yes	Supported by design
WB-8412	V2.2.26_F	MPEG4 M-JPEG	4	688x448	1-way	4/4	Yes	Yes	-	-	Yes	
WB-H811	V1.0.44_F	M-JPEG H.264	1	720x576	1-way	2/2	Yes	Yes	Yes	-	Yes	
Note:	Resolution car	n't set to 4	CIF.									
WB-H814	V1.0.82_F	H.264 M-JPEG	4	720x576	1-way	4/4	Yes	Yes	Yes	-	Yes	
Note:			,	mera firmware is rectly (Camera	•	issue)	•					



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
FC-348-NTSC	BU 1.2	H.264 MJPEG MPEG4	1	720x480	-	-	Yes	Yes	Yes	Yes*	
Note:	 Sometime web client an Can't get t Can't use 	we fail to do not not only in the	hange terface with the contract	ill change but a	etting aft actually of onvif o	ter the one of the comman	camera o	connected fo	or a lonç	g time. The settir	ng displays at
FC-309	Refer to FC- 348- NTSC(BU 1.2)	H.264 MJPEG MPEG4	1	720x480	-	-	Yes	Yes	Yes	Yes*	Supported b design
FC-313	Refer to FC- 348- NTSC(BU 1.2)	H.264 MJPEG MPEG4	1	720x480	-	-	Yes	Yes	Yes	Yes*	Supported by design
FC-334	Refer to FC- 348- NTSC(BU 1.2)	H.264 MJPEG MPEG4	1	720x480	-	-	Yes	Yes	Yes	Yes*	Supported by design
FC-334S	Refer to FC- 348- NTSC(BU 1.2)	H.264 MJPEG MPEG4	1	720x480	-	-	Yes	Yes	Yes	Yes*	Supported by design
FC-324	Refer to FC- 348- NTSC(BU 1.2)	H.264 MJPEG MPEG4	1	720x480	-	-	Yes	Yes	Yes	Yes*	Supported by design
FC-324S	Refer to FC- 348- NTSC(BU 1.2)	H.264 MJPEG MPEG4	1	720x480	-	-	Yes	Yes	Yes	Yes*	Supported by design
FC-363	Refer to FC- 348- NTSC(BU 1.2)	H.264 MJPEG MPEG4	1	720x480	-	-	Yes	Yes	Yes	Yes*	Supported by design
FC-618-R- NTSC	BU 1.2	H.264 MJPEG MPEG4	1	720x480	-	*2	Yes	*2	*2	Yes*	
Note:	 Sometime web client an Can't get t Can't use 	we fail to do not not only in the time to state the time to state the time to state the time to see the time time to see the time time time to see the time time time time time time time tim	hange terface with the contract	ill change but a	etting aft actually of actually of	ter the one of the comman	camera o	connected fo	or a long	g time. The settir	ng displays at
FC-690S	Refer to FC- 618- NTSC(BU 1.2)	H.264 MJPEG MPEG4	1	720x480	-	-	Yes	Yes	Yes	Yes*	Supported by design
FC-669S	Refer to FC- 618- NTSC(BU 1.2)	H.264 MJPEG MPEG4	1	720x480	-	-	Yes	Yes	Yes	Yes*	Supported by design
FC-645S	Refer to FC- 618- NTSC(BU 1.2)	H.264 MJPEG MPEG4	1	720x480	-	-	Yes	Yes	Yes	Yes*	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name			Video Ch	Max Resolution	Audio	I / O Ch	PIZ	On-Edge Motion	IUPnP	Multi Stream Support	Remarks
FC-632S	INTSC(BU	H.264 MJPEG MPEG4	1	720x480	-	-	Yes	Yes	Yes	Yes*	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
ACD- 3VM501	refer to ACDV- 3VM501	H.264 M-JPEG	1	1600x1200	-	1/1	-	Yes	Yes	-	-	Supported by design
ACDV- 3VM501		H.264 M-JPEG	1	1600x1200	-	1/1	-	Yes	Yes	-	-	Supported by design
AEP- Q2018HW -IP		H.264 M-JPEG	1	720x480	-	-	Yes	Yes	Yes	-	-	Supported by design
AEP- Q2026HW -IP		H.264 M-JPEG	1	720x480	-	-	Yes	Yes	Yes	-	-	Supported by design
AEP- Q2036HW -IP		H.264 M-JPEG	1	720x480	-	-	Yes	Yes	Yes	-	-	Supported by design
ASP- PTIR737- IP		H.264 M-JPEG	1	720x576	-	-	Yes	Yes	Yes	-	-	Supported by design
ASP- PTIR737- LA-IP		H.264 M-JPEG	1	720x576	-	-	Yes	Yes	Yes	-	-	Supported by design
ATCP- IRH5030C		H.264 M-JPEG	1	1600x1200	-	1/1	-	Yes	Yes	-	-	Supported by design
ATCP- IRH5040C		H.264 M-JPEG	1	1600x1200	-	1/1	-	Yes	Yes	-	-	Supported by design
ATCP- MH802		H.264 M-JPEG	1	1600x1200	-	1/1	-	Yes	Yes	-	-	Supported by design
Note:	ATCP-MH802	ON, ATCP-I	MH802D	N/WI and ATCP-	-MH802W	I are ca	mpatibl	e with ACTP	-MH802			
ATCP- VM501		H.264 M-JPEG	1	1600x1200	-	1/1	-	Yes	Yes	-	Yes	Supported by design
AWB- H811		H.264 M-JPEG	1	720x480	-	2/2	Yes	Yes	Yes	-	Yes	Supported by design
AWB- H814		H.264 M-JPEG	1	720x576	-	4/4	-	Yes	Yes	-	Yes	Supported by design
B0100		H.264 M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	-	Yes	Supported by design
B0202	V3.2.0.0	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	
B1100		H.264 M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	-	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Yes*: Joystick support to control PTZ speed in Crystal

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
C1100		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	Yes	Yes	-	Yes	Supported by design
C1100-W		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	Yes	Yes	-	Yes	Supported by design
C2002	Refer to C2200	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design
C2002-W	Refer to C2200-W	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design
C2100		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	Yes	Yes	-	Yes	Supported by design
C2200	Refer to B0202	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design
C2200-W	Refer to B0202	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design
D0100		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	Yes	Yes	-	Yes	Supported by design
D1100		H.264 M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	-	Yes	Supported by design
D2000- FD3	Refer to M4202-DB03	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design
D2000- VD3	Refer to M4202-DB02	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design
D2000- VP2	Refer to M7202-DB03	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design
D2100		H.264 M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	-	Yes	Supported by design
FBU- 200LWD	AgWT820012 2N06 V32 1401213F	H.264	1	1920x1080	1-way	0/1	Yes	Yes	Yes	-	Yes	

(Camera FW issue): Camera not support DI.

(Camera FW issue): Camera snapshot function failed.

(Known issue): It is probable that bitrate per second of low/minumun stream is unable to achieve 500bps/100bps under D1,

SXGA resolution.

Note:



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
FBU- 201LWD	Refer to FBU- 200LWD (FW AgWT820012 2N06 V32 1401213F)	H.264	1	1920x1080	1-way	0/1	Yes	Yes	Yes	-	Yes	Supported by design
FBU- 300LWD	refer to FVD- 300LWD(Ag WT8300036N 06 V32 1401214F)	H.264	1	2048x1536	1-way	*2	Yes	Yes	Yes	-	Yes	Supported by design
FBU- 301LWD	refer to FVD- 300LWD(Ag WT8300036N 06 V32 1401214F)	H.264	1	2048x1536	1-way	*2	Yes	Yes	Yes	-	Yes	
FBS-1300 BX	AgWT813010 4N20_14052 82B	H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	-	Yes	
FBS- 1300BL	refer to FBS- 1300BX(AgW T8130104N2 0_1405282B)	H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	-	Yes	Supported by design
FBS-1300 ID	refer to FBS- 1300BX(AgW T8130104N2 0_1405282B)	H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	-	Yes	Supported by design
FBS- 13001DR	refer to FBS- 1300BX(AgW T8130104N2 0_1405282B)		1	1280x1024	1-way	1/1	Yes	Yes	Yes	-	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
FBS- 1300MID	refer to FBS- 1300BX(AgW T8130104N2 0_1405282B)	H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	-	Yes	Supported by design
FBS- 1300MVD	refer to FBS- 1300BX(AgW T8130104N2 0_1405282B)	H.264	1	1280x1024	1-way	1/1	Yes	Yes	Yes	-	Yes	Supported by design
FBS- 1300VD	refer to FBS- 1300BX(AgW T8130104N2 0_1405282B)		1	1280x1024	1-way	1/1	Yes	Yes	Yes	-	Yes	Supported by design
FBS- 1300VDR	refer to FBS- 1300BX(AgW T8130104N2 0_1405282B)		1	1280x1024	1-way	1/1	Yes	Yes	Yes	-	Yes	Supported by design
FBX-200		H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
FBX- 200CL	Refer to FBU- 200LWD (FW AgWT820012 2N06 V32 1401213F)	H.264	1	1920x1080	1-way	0/1	Yes	Yes	Yes	-	Yes	Supported by design
FBX- 200LWD	Refer to FBU- 200LWD (FW AgWT820012 2N06 V32 1401213F)	H.264	1	1920x1080	1-way	0/1	Yes	Yes	Yes	-	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
FBX- 300LWD	refer to FVD- 300LWD(Ag WT8300036N 06 V32 1401214F)	H.264	1	2048x1536	1-way	*2	Yes	Yes	Yes	-	Yes	Supported by design
FBX- 300WD		H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
FDM-200		H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
FDM- 200LWD	Refer to FBU- 200LWD (FW AgWT820012 2N06 V32 1401213F)	H.264	1	1920x1080	1-way	0/1	Yes	Yes	Yes	-	Yes	Supported by design
FDM- 300LWD	refer to FVD- 300LWD(Ag WT8300036N 06 V32 1401214F)	H.264	1	2048x1536	1-way	*2	Yes	Yes	Yes	-	Yes	Supported by design
FDM- 300WD		H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
FVD-200		H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
FVD- 200LWD	Refer to FBU- 200LWD (FW AgWT820012 2N06 V32 1401213F)		1	1920x1080	1-way	0/1	Yes	Yes	Yes	-	Yes	Supported by design
FVD- 200LWD	Refer to FDM-200	H.264 MPEG4 MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks	
FVD- 300LWD	AgWT830003 6N06 V32 1401214F	H.264	1	2048x1536	1-way	*2	Yes	Yes	Yes	-	Yes		
Note:	(Camera FW issue) Camera replys no IO status. (Camera FW issue): Camera snapshot function failed. (Camera FW issue): FPS could not reach up to user setting by TCP protocol connection. (Known issue): It is probable that bitrate per second of low/minumun stream is unable to achieve 500bps/100bps under D1, SXGA, 3M resolution. H.264 H.264 MDECA 1 2040/1536 1 1/1/2011 1/												
FVD- 300WD		H.264 MPEG4 MJPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design	
GE-100- VS		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	Yes	Yes	-	Yes	Supported by design	
IPB- 1080BL	Refer to IPD- 1080CD (VC1.0.22.6_ TG)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design	
IPB- 1080BM	Refer to IPD- 1080CD (VC1.0.22.6_ TG)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design	
IPB- 1080E	Refer to IPD- 1080MF(VE1. 0.22.6_TG)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design	
IPB- 1080EL	Refer to IPD- 1080MF(VE1. 0.22.6_TG)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design	
IPB- 1080F	Refer to IPD- 1080MF(VE1. 0.22.6_TG)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design	



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks		
IPB- 1080F28	VE1.0.22.6_T G	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	-	Yes*			
Note:	2. The second firmware limit	stream's i ation)	frame ra	a RTSP over HT ate list can not for maximum FPS. (ollow the	adjustin	g rule to	o the main s	stream's	resolution	and FPS. (Camera		
IPB- 1080WDR	Refer to IPD- 1080WDR(Fo renix_rootfs_ VG1.0.20_TG _20150129_ 101057)		1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design		
IPB- 4065BM	VK1.0.13.3_ TG	H.264 H.265 MJPEG	1	2592x1520	1-way	1/1	-	Yes	Yes	-	Yes*			
Note:	Due to camera web restriction, some frame rate cannot be set. (Camera Firmware issue)													
IPB- 8000BM	VH1.0.0.11_ TG	H.264 MJPEG	1	3840x2160	1-way	1/1	-	Yes	Yes	-	Yes*			
Note:	 Camera car Audio has r 			mum FPS with h mware issue)	igh resolu	ition and	d bitrate	e. (Camera _l	performa	ance limita	tion)			
IPD- 1080CD	VC1.0.22.6_ TG	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes			
IPD- 1080E	Refer to IPD- 1080MF(VE1. 0.22.6_TG)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design		
IPD- 1080MF	VE1.0.22.6_T G	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*			
IPD- 1080KF	Refer to IPD- 1080MF(VE1. 0.22.6_TG)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design		



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
IPD- 1080WDR		H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	
Note:		D 12bits 6		ate list is not as ue WDR) mode, :						can not get	parameter	s.(Camera
IPD- 4065CD	4065BM(VK1	H.264 H.265 MJPEG	1	2592x1520	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design
IPD- 8000CD	Refer to IPB- 8000BM(VH1 .0.0.11_TG)	H.264 MJPEG	1	3840x2160	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design
IPM- 1080F	Refer to IPD- 1080MF(VE1. 0.22.6_TG)	H.264 MJPEG	1	1920x1080	1-way	1/1	ı	Yes	Yes	-	Yes*	Supported by design
IPM- 1080RF	Refer to IPD- 1080MF(VE1. 0.22.6_TG)	H.264 MJPEG	1	1920x1080	1-way	1/1	ı	Yes	Yes	-	Yes*	Supported by design
IPT- 1080F	Refer to IPD- 1080MF(VE1. 0.22.6_TG)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design
IPV- 1080CD	Refer to IPD- 1080CD (VC1.0.22.6_ TG)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
IPV- 1080E	Refer to IPD- 1080MF(VE1. 0.22.6_TG)	H.264 MJPEG	1	1920x1080	1-way	1/1	1	Yes	Yes	-	Yes*	Supported by design
IPV- 1080F	Refer to IPD- 1080MF(VE1. 0.22.6_TG)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design
IPV- 4065CD	4065BM(VK1	H.264 H.265 MJPEG	1	2592x1520	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design
IPV- 1080WDR	Refer to IPD- 1080WDR(Fo renix_rootfs_ VG1.0.20_TG _20150129_ 101057)		1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design
IPV- 8000CD	Refer to IPB- 8000BM(VH1 .0.0.11_TG)	H.264 MJPEG	1	3840x2160	2-way	1/1	-	Yes	Yes	-	Yes*	Supported by design
IPX- 1080DN	Refer to IPD- 1080CD (VC1.0.22.6_ TG)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design
IPX- 1080E	Refer to IPD- 1080MF(VE1. 0.22.6_TG)	H.264 MJPEG	1	1920x1080	1-way	1/1	1	Yes	Yes	-	Yes*	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Ves*- loystick support to control PTZ speed in Crystal

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks		
IPX- 1080WDR	Refer to IPD- 1080WDR(Fo renix_rootfs_ VG1.0.20_TG _20150129_ 101057)		1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design		
IPX- 4065DN	4065BM(VK1	H.264 H.265 MJPEG	1	2592x1520	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design		
IPX- 8000DN	Refer to IPB- 8000BM(VH1 .0.0.11_TG)	H.264 MJPEG	1	3840x2160	1-way	1/1	-	Yes	Yes	-	Yes*	Supported by design		
IPZB- 1000R	3.0.0.4	H.264 MJPEG MPEG4	1	1920x1080	1-way	1/0	Yes*	Yes	Yes	Yes	Yes*			
Note:	1. Talk function can't be used. (Camera Firmware issue) 2. DI can't be trigger. (Camera Firmware issue) 3. Motion can't be trigger. (Camera Firmware issue) 4. Frame rate, quality, and bitrate can't not synchronize with web. (Camera Firmware issue) 5. MJPEG quality can't be set. (Camera Firmware issue) 6. Quality range can not synchronize with web. (Camera Firmware issue) 7. Bitrate list can not synchronize with web. (Camera Firmware issue) 8. In H.264 & MPEG-4, bitrate can not achieve setting value. (Camera performance limitation) 9. In MJPEG & MPEG-4, framerate can not achieve setting value. (Camera performance limitation)													
ISPD- 2018	Refer to ISPD- 2020(VC1.0. 301204_TG)	H.264 MJPEG	1	1920x1080	1-way	4/1	Yes*	Yes	-	*1	Yes*	Supported by design		
ISPD- 2020	VC1.0.30120 4_TG	H.264 MJPEG	1	1920x1080	1-way	4/1	Yes*	Yes	-	*1	Yes*			
Note:	VC1.0.30120 H.264 MJPEG 1 1920x1080 1-way 4/1 Yes* Yes - *1 Yes* 1.Not support Talk. (Camera Firmware issue) 2.Always trigger input-0 if alarm 1~4 has been trigged. (Camera Firmware issue) 3.Audio was broken with G.726. (Camera Firmware issue) 4.[NAS]Focus can't be used. (NUUO server limitation)													

5.Not support camera search.(NUUO server limitation) 6.Not support auto detection. (NUUO server limitation)



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

resh: Joystick support to control PTZ speed in Crystal														
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks		
ISPD- 2065-20X	VK1.0.15.1_ TG	MJPEG H.264 H.265	1	1920x1080	1-way	4/1	Yes*	Yes	Yes	-	Yes*			
Note:	2. Stream2's t (Camera Firm 3. Camera wit	frame rate ware issue th lowest r	list can e) esolution	nchronized with not sync with can and FPS is una ormally set. (Car	amera we	b when	resoluti e expec	on of strear	n1 and s			1920x1080.		
ISPDIII- 3010	0.1.4960M	H.264 MJPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	-	Yes*			
Note:	ISPDIII-3010: 1. Fps and resolution list is not synchronized with the camera web due to onvif protocol mechanism. (Camera limitation issue) 2. Talk(audio out) are not supported due to there is no implementation mechanism from sdk document. (Camera issue)													
ISPD II- 1312WD	AgWT813131 2N20_14041 85F	H.264	1	1280x1024	-	-	Yes	Yes	Yes	-	Yes			
Note:	limitation) 2. Camera wit	th quality o	over 819	resolution SXG 22 is unable to a es per 30 secon	chieve ma	aximum	FPS (C	amera perfo	ormance	e limitation)			
ISPD II- 3018WD	AgWT830301 8N20_14041 85F	H.264	1	2048x1536	-	-	Yes	Yes	Yes	-	Yes			
Note:				resolution 3M, 2 is unable to ac							a performai	nce limitation)		
M0202- BH01	Refer to B0202	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design		
M0202- BH02	Refer to B0202	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design		
M0202- BH03	Refer to B0202	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design		
M4202- DB02	Refer to B0202	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design		



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks	
M4202- DB03	Refer to B0202	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design	
M7202- DB03	Refer to B0202	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design	
NPB-720	refer to NPB- 720BM	H.264 M-JPEG MPEG4	1	1280x800	-	1/1	-	Yes	Yes	-	Yes	Supported by design	
NPB-720A	refer to NPB- 720BM	H.264 M-JPEG MPEG4	1	1280x800	-	1/1	-	Yes	Yes	-	Yes	Supported by design	
NPB- 720BM	VB1.0.26_TG	H.264 M-JPEG MPEG4	1	1280x800	-	1/1	-	Yes	Yes	-	Yes		
Note	FW issue cann	/ issue cannot support UPnP and autodetect.											
NPB-720U	ratar to NUR	H.264 M-JPEG MPEG4	1	1280x800	-	1/1	-	Yes	Yes	-	Yes	Supported by design	
NPD-720K	720BIVI	H.264 M-JPEG MPEG4	1	1280x800	-	1/1	-	Yes	Yes	-	Yes	Supported by design	
NPD-720R	refer to NPB- 720BM	H.264 M-JPEG MPEG4	1	1280x800	-	1/1	-	Yes	Yes	-	Yes	Supported by design	
T2000- FB1		H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design	
T2000- FB2	Refer to M0202-BH02	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design	
T2000- VB3		H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design	
VQ2100		MJPEG MPEG4 H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design	
VQ2200		MJPEG MPEG4 H.264	1	1920x1080	1-way	-	-	Yes	Yes	-	Yes	Supported by design	
VQ2210C		MJPEG MPEG4 H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Yes	Supported by design	
VQ2300		MJPEG MPEG4 H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	Supported by design	



For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name		Video Ch	Max Resolution	IAudio	I/O Ch	IPT7	On-Edge Motion	UPnP	Search	Multi Stream Support	Remarks
VQ2310	MJPEG MPEG4 H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support

Device Name		Video Ch	Max Resolution	Audio	I/O Ch	PIZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
TVC-M1245E- 2M-P	H264 MPEG4	1	1280x690	-	-	-	Yes	Yes	Yes	
ITVC-MP2R-S	H264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks			
A3263LE	4.8.26.17	H264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	Yes*				
Note:	 The maxing Camera n 	mum FPS ca eed more ti	n only a	(Camera issue) achieve 25 FPS ecover while ch ia RS485 (Cam	(Camera i ange video		and re	solution (C	amera i	ssue)					
GNS- A3101LE	2.14.09.16	H.264 M-JPEG	1	1280x720	-	-	-	Yes	-	-	Yes*				
Note:	 The came The frame Resolution Video form The video 	ra does not e rate range n 704x480 c mat cannot l parameters	support is differ annot be be switc s may no	ct do not functi functions inclu- rent from what e set. (Camera hed. (Camera ot be synchron (ONVIF limitat	uding DI, D the camer Firmware Firmware is ized with a	O, PTZ a web s issue) ssue)	, audio hows. (and talk. (Camera Fi	Camera rmware	Firmware issu issue)	e)				
GNS- A3253LE	4.8.26.24	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	Yes*				
Note:	2. Support a 3. Camera is 4. Can't liste 5. The snaps 6. The FPS o 7. The autoc	1. Can not switch video format(Camera firmware issue) 2. Support at most 25 FPS in 1st stream(Camera firmware issue) 3. Camera is unable to achieve maximum FPS(Camera firmware issue) 4. Can't listen to the audio of camera. (Camera firmware issue) 5. The snapshot function can't be work. (Camera firmware issue) 6. The FPS of stream2 always be 25 in MJPEG. (Camera firmware issue) 7. The autodetection and seach function can't be work. (Camera firmware issue) 8. The parameter can't be set under resolution 704x480 or 704x576.													
GNS- A3102LE	Refer to GNS- A4102(4.11 .23.24F)	H.264 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	Yes*	Supported by design			
GNS- A4102	4.11.23.24F	H.264 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	Yes*				
Note:	2. The maxir	mum FPS ca	n only a	(Camera issue) achieve 25 FPS amera (Camera	(Camera is	ssue)	1	•			•	•			
GNS- B3202LE	v1.8.0801.1 001.101.0.6 6.1.0	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	-	Yes	Yes*				
Note:	1.Some bitra	ate can't be	set.(On	vif limitation)											
GNS- C1201L	V1.0.40	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes				
Note:	1. Audio only support G7.11. (Camera firmware issue)														

GNS- C3203LE	2.3.3073.74	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Yes	
	 Motion car If change firmware issu 	nnot be trigo mode to cor ue)	gered wh ridor 90	nera firmware i nen video form or 270, the in FPS when 3 stro	at is MJPE formation	of strea	m 3 is i	ncorrect a	nd strea	m 3 can not co	onnect. (Ca	amera



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support

						<u>_</u>	1- 1				
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
GCI-0735P		H.264 MPEG4 M-JPEG	1	720x576	1-way	4/1	Yes	Yes	Yes	Yes	Supported by design
GCI-C0745P	720110412N S	H.264 M-JPEG	1	720x576	1-way	4/1	Yes	Yes	Yes	Yes	
GCI-G1536F	gr20140530 NSA	H.264, MJPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes	
Note:	Fisheye came	ra	•		•	•	•	•	•		
GCI-H0503B	720110422N S	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/1	-	Yes	Yes	Yes	
GCI-H0522V		H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
GCI-H0602B		H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
GCI-H2505B	Refer to GCI- K2505B(gr20 130417NSX)	H.264, MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
GCI-K0322V	720110413N S	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
GCI-K0503B		H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
GCI-K0512W		H.264 MPEG4 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	Yes	Supported by design
GCI-K0523T		H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Note:				@ H.264 with Tobit bitrate to 400		ocol is ı	not smo	oth in the co	onditions	s of high resolution	on, fps and
GCI-K0589T(H)	Refer to GCI- K1586V(gr20 130621NSA)	H.264, MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
GCI-K0779P	gr20130621 NSA	H.264, MJPEG	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	
GCI-K1523VS	Refer to GCI- K2505B(gr20 130417NSX)	H.264, MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format		Max Resolution	Audio	I / O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
GCI-K1526V	gr20120522 NSA	MJPEG, H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
GCI-K1526VS	Refer to GCI- K2505B(gr20 130417NSX)	H.264, MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
GCI-K1585V	Refer to GCI- K1586V(gr20 130621NSA)	H.264, MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
GCI-K1586V	gr20130621 NSA	H.264, MJPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	2. Get parame	noise when eter will ail	camera ed when	17NSX setting is high camera settin , GCI-K1585V	ng is high		rt zoom	and focus.			
GCI-K1812W	gr20120522 NSA	H.264	1	1920x1080	1-way	-	-	Yes	Yes	Yes	
GCI-K2505B	gr20130417 NSX	H.264, MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
Note:	Framerate set	ting will fa	iled whe	n choosing TV	system	Autoiris	WDR25	ofps, WDR 2	5fps an	d WDR 30fps.	



*1: not avaliable on software

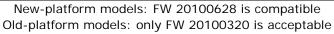
*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

				T	1	11.0111	_ 0000	in orysta			
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
GDN-D1300V	AS65_ALL00 1_V0.01.09	H.264	1	1280x1024	1-way	1/1	-	Yes	-	Yes*	
Note:	Not support 1	6 KHz sam	pling ra	te audio in.							
GDN- DV1300IR	Refer to GDN- D1300V(AS6 5_ALL001_V 0.01.09)	H.264	1	1280x1024	1-way	1/1	-	Yes	-	Yes*	
GDN- D1300IR	Refer to GDN- D1300V(AS6 5_ALL001_V 0.01.09)	H.264	1	1280x1024	1-way	1/1	-	Yes	-	Yes*	
GDN-D2300V	Refer to GDN- H2300IR(AS6 5_ALL001_V 0.02.04)	H.264	1	1920x1080	1-way	1/1	-	Yes	-	Yes*	
GDN-D3200V	AS65_ALL00 1_V0.02.00	H.264	1	2048x1536	1-way	1/1	-	Yes	-	Yes*	
GDN- D32001R	Refer to GDN- D3200V(AS6 5_ALL001_V 0.02.00)	H.264	1	2048x1536	1-way	1/1	-	Yes	-	Yes*	
GDN-F1300V	Refer to GDN- D1300V(AS6 5_ALL001_V 0.01.09)	H.264	1	1280x1024	1-way	1/1	-	Yes	-	Yes*	
GDN-F2300	Refer to GDN- H2300IR(AS6 5_ALL001_V 0.02.04)	H.264	1	1920x1080	1-way	1/1	-	Yes	-	Yes*	
GDN- H1300IR	Refer to GDN- D1300V(AS6 5_ALL001_V 0.01.09)	H.264	1	1280x1024	1-way	1/1	-	Yes	-	Yes*	
GDN- H23001R	AS65_ALL00 1_V0.02.04	H.264	1	1920x1080	1-way	1/1	-	Yes	-	Yes*	
Generic	AS65_ALL00 1_V1.00.07	H.264 MJPEG MPEG4	1	1280x1024	1-way	1/1	-	Yes	-	Yes*	
Note:	 16 KHz san Camera sea The camera Camera can 	I be reboot npling rate arch is not a setting w nnot be cor	audio ir support ill be fai nnected	seconds) after n are not suppo ed. (Camera fi led if choose th when 2nd reso ss should be 50	orted. rmware ne value olution s	issue) "BOTH et to 85	".(Came 54*480.	ra firmware (Camera fir	issue)	ance limitation)	
GDN- H32001R	Refer to GDN- D3200V(AS6 5_ALL001_V 0.02.00)	H.264	1	2048x1536	1-way	1/1	-	Yes	-	Yes*	





- : not avaliable on camera *1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

		resh: Joy	Stick St	ipport to conti	OFFIZS	peea in	Cryst	_			
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On- Edge Motion	UPnP	Multi Stream Support	Remarks
DS-2CD2012-I	v5.0.2 build130805	H.264	1	1280x960	-	-	-	Yes	Yes	Yes	
Note:				support PTZ fui igger than Main				ın enable	this opt	ion.	
DS-2CD2032-I	V5.3.0 build 150513	H.264	1	2048x1536	-	-	-	*2	*2	Yes*	
Note:	1.Frame rate	will display	too hig	h. (NUUO serve	r limitatio	n)					
DS-2CS2132F-1- 2.8mm	Refer to DS- 2CD2032- I(V5.3.0	H.264	1	2048x1536	-	-	-	*2	*2	Yes*	Supported by design
DS-2CD2112-(I)	Refer to DS- 2CD2012- I (v5.0.2 build130805)	H.264	1	1280x960	-	-	-	Yes	Yes	Yes	Supported by design
DS-2CD2142FWD-IWS	V5.3.8 build 151224	H.264	1	2688x1520	*2	*2	-	*2	*2	Yes*	
Note:	1.Not support 2.Bitrate list o	an not syr	c with c	S server limitati amera web. (Ca age will be brok	amera Firn			ce limitati	on)		
DS-2CD2212-I3	Refer to DS- 2CD2012- I(v5.0.2 build130805)	H.264	1	1280x960	-	-	-	Yes	Yes	Yes	Supported by design
DS-2CD2212-I5	Refer to DS- 2CD2012- I (v5.0.2 build130805)	H.264	1	1280x960	-	-	-	Yes	Yes	Yes	Supported by design
DS-2CD2312-I	Refer to DS- 2CD2012- I(v5.0.2 build130805)	H.264	1	1280x960	-	-	-	Yes	Yes	Yes	Supported by design
DS-2CD2342WD-I	Refer to DS- 2CD2142FW D- IWSF(V5.3.8 build 151224)	H.264	1	2688x1520	*2	*2	-	*2	*2	Yes*	Supported by design
DS-2CD2612F-I	Refer to DS- 2CD2012- I(v5.0.2 build130805)	H.264	1	1280x960	-	-	-	Yes	Yes	Yes	Supported by design
DS-2CD2612F-IS	v5.0.2 build130805	H264	1	1280x960	1-way	1/1	-	Yes	Yes	Yes	
DS-2CD2632F-IS	Refer to DS- 2CD2732F- IS(v5.0.2 build130805)	H264	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DS-2CD2712F-I	Refer to DS- 2CD2012- I (v5.0.2 build130805)	H.264	1	1280x960	-	-	-	Yes	Yes	Yes	Supported by design

New-platform models: FW 20100628 is compatible Old-platform models: only FW 20100320 is acceptable



- : not avaliable on camera *1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

		res . Juy	SLICK SC	ipport to conti	ULFIZ S	Jeeu III	Cryst				
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On- Edge Motion	UPnP	Multi Stream Support	Remarks
DS-2CD2712F-IS	Refer to DS- 2CD2612F- IS(v5.0.2 build130805)	H264	1	1280x960	1-way	1/1	-	Yes	Yes	Yes	Supported by design
DS-2CD2732F-IS	v5.0.2 build130805	H264	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	
DS-2CD4065F-P	V5.3.4 build 150812	H.264	1	3072x2048	*2	1/1	*2	*2	*2	Yes*	
Note:	2.When we na	ame the pr	eset poi	camera web. (C nt, preset point x1080 with 3072	label will	change	to arab			era Firmw	are issue)
DS-2CD4124F-IZ	Refer to DS- 2CD4224F- IZH(V5.3.5 build 151218)	H.264 MPEG4	1	1920x1080	-	-	-	*2	*2	Yes*	Support by design
DS-2CD4125FWD-IZ	Refer to DS- 2CD4A25FW D- IZHS(V5.3.5 build 151218)	H.264	1	1920x1080	*2	*2	Yes	*2	*2	Yes*	Support by design
DS-2CD4132FWD-IZ	Refer to DS- 2CD4332FW D- PTZ(V5.3.5 build 151218)	H.264	1	2048x1536	*2	*2	Yes*	*2	*2	Yes*	Support by design
DS-2CD4224F-IZH	V5.3.5 build 151218	H.264 MPEG4	1	1920x1080	-	-	-	*2	*2	Yes*	
Note:	2. The stream performance I	2 or 3 in initation) of stream	camera 2 or 3 i	zed with camera with higher resc n camera with h	olution via	MJPEG	is unat	ole to ach		0 1	•
DS-2CD4332FWD	V5.3.0	H.264 MPEG4	1	2048x1536	*2	2/2(*2)	*2	*2	*2	Yes*	
Note:	Bitrate list is not synchronized with web. (Camera Firmware issue)										
DS-2CD4332FWD-PTZ	V5.3.5 build 151218	H.264	1	2048x1536	*2	*2	Yes*	*2	*2	Yes*	
Note:	1.Bitrate list can not sync with camera web. (Camera Firmware issue) 2.Due to NUUO restriction, filp/mirror cannot not be set (NUUO server limitation)										
DS-2CD4A25FWD-IZ	V5.3.0 build 150617	H.264	1	1920x1080	-	-	Yes	*2	*2	Yes*	
Note:	PTZ only support zoom & focus. 1. Bitrate lists can not sync with web. (Camera Firmware Issue)										



New-platform models: FW 20100628 is compatible Old-platform models: only FW 20100320 is acceptable

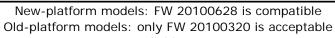
: not avaliable on camera*1: not avaliable on software*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

		res^: Joy	Stick St	apport to conti	OLPIZS	beed in	Cryst				
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On- Edge Motion	UPnP	Multi Stream Support	Remarks
DS-2CD4A25FWD- IZHS	V5.3.5 build 151218	H.264	1	1920x1080	*2	*2	*2	*2	*2	Yes*	
Note:	2. Bitrate is u	,		web. (Camera F etting value. (Ca		•	e limita	ation)			
DS-2CD4565F-IZH	Refer to DS- 2CD4065F- P(V5.3.4	H.264	1	3072x2048	*2	1/1	*2	*2	*2	Yes*	Supported by design
DS-2CD4625FWD-IZS	V5.3.4	H.264	1	1920x1080	*2	*2	*2	*2	*2	Yes*	
Note:	1. Bitrate list	can not sy	nc with	web. (Camera F	irmware is	ssue)					
DS-2CD6026FHWD-A	V5.1.0 build 131202	H.264 MPEG4	1	1920x1080	*2	*2	*2	*2	*2	Yes*	
Note:	2. OSD will di	splay 1920	x1088 i	t achieve to ma n MPEG4 1920x s. (Camera Firm	1080. (Ca	mera Fi			ition)		
DS-2CD702NF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD702PF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD712NF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD712PF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD7133-E	V2.0 100628	H.264	1	640x480	-	-	-	Yes	-	-	
DS-2CD7153-E	v5.0.8 build 130930	H.264 MPEG4	1	1600x1200	-	-	-	Yes	Yes	Yes	
Note:	The range of	framerate	is not sy	rnc. with web wh	nen resolu	tion is 1	600x1	200			
DS-2CD7253F-EIZ	V5.0.2 Build 130709	H.264 MPEG4	1	1600x1200	-	-	Yes	Yes	Yes	Yes	
Note:	 The range Sub stream 	of framera	te is not must be	the PTZ-control. sync. with web the same as ma alid mac address	ain stream				nd 1600:	x912.	
DS-2CD732F-E	20100320	H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	
DS-2CD733F-E	V2.0 100716	H.264	1	640x480	1-way	2/2	Yes	Yes	-	-	Tested by manufacturer



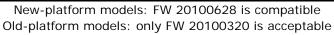


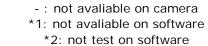
For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

					1		1. jo	On-		Multi	
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	Edge Motion	UPnP	Stream Support	Remarks
DS-2CD752MF-E		H.264	1	1600x1200	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
DS-2CD752MF-FB	V2.0 110426	H.264	1	1600x1200	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	DS-2CD752MI	F-FB PTZ c	an't tes	t on RS-485							
DS-2CD753F-E	V2.0 100628	H.264	1	1600x1200	1-way	2/2	Yes	Yes	-	-	
DS-2CD754F-E	Refer to 2CD754FWD- EI	H.264 MPEG4	1	1920x1080	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
DS-2CD754F-EI	Refer to 2CD754FWD- EI	H.264 MPEG4	1	1920x1080	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
DS-2CD754FWD-EI	V3.2 120105	H.264 MPEG4 MJPEG	1	1920x1080	1-way	2/2	Yes	Yes	YES	Yes	
DS-2CD762MF-FB	20100320	H.264	1	1280x960	1-way	1/1	Yes	Yes	Yes	-	
DS-2CD792NF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD792PF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD793PFWD-E	V2.0 100628	H.264	1	704x576	1-way	2/2	Yes	Yes	No	-	Tested by manufacturer
DS-2CD802NF		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD802NF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD802NF-W		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD802PF		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD802PF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD802PF-W		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD802N-IR1		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD802N-IR3		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD802N-IR5		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design





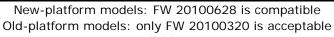
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For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On- Edge Motion	UPnP	Multi Stream Support	Remarks
DS-2CD802P-IR1		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD802P-IR3		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD802P-IR5		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD812NF		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD812NF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD812NF-W		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD812PF	v2.0 build 090522	H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Tested by manufacturer
DS-2CD812PF-E	Refer to DS- 2CD812PF (FW v2.0 build 090522)	H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD812PF-W	Refer to DS- 2CD812PF (FW v2.0 build 090522)	H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD812N-IR1		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD812N-IR3		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD812N-IR5		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD812P-IR1		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD812P-IR3		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD812P-IR5		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD2012F-I	v5.3.0	H.264	1	1280x960	-	-	-	Yes	Yes	Yes*	
DS-2CD8253F-EI	v4.0.3 build121123	H.264 MPEG4	1	1600x1200	-	-	-	Yes	Yes	-	
Note:	Not support a	udio but th	ne clickb	ox is opened(cg	ji issue)						



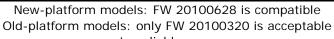


For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On- Edge Motion	UPnP	Multi Stream Support	Remarks
DS-2CD8254F-EIS	V3.2 120105	H.264 MPEG4	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	
DS-2CD8264FWD- (EIS)	v4.0.3 build121123	H.264 MPEG4	1	1280x960	1-way	1/1	Yes	Yes	Yes	-	
Note:	PTZ can't wor	k									
DS-2CD832F		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD832F-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD852MF-E	20100320	H.264	1	1600x1200	1-way	1/1	Yes	Yes	Yes	-	
DS-2CD853F-E	V3.2 120105	H.264 MPEG4	1	1600x1200	1-way	1/1	Yes	Yes	Yes	Yes	
DS-2CD854F-E	V3.2 120105	H.264 MPEG4	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	
DS-2CD862MF-E		H.264	1	1280x960	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD863PF-E	V2.0 100628	H.264	1	1280x960	1-way	1/1	Yes	Yes	-	-	Tested by manufacturer
DS-2CD864FWD-E	v4.0.3 build121123	H.264 MPEG4	1	1280x960	1-way	1/1	Yes	Yes	Yes	-	
Note:	DI can't work	, G726 tall	k can't w	vork, zoom in/ou	ut can't wo	ork					
DS-2CD883F-E	V3.2 120105	H.264 MPEG4	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	resolution			53F-E \ DS-2CD							
DS-2CD892NF		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD892NF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD892NF-W		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD892PF		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD892PF-E		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design
DS-2CD892PF-W		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design



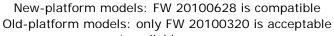


For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On- Edge Motion	UPnP	Multi Stream Support	Remarks			
DS-2CD892N-IR1		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design			
DS-2CD892N-IR3		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design			
DS-2CD892N-IR5		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design			
DS-2CD892P-IR1		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design			
DS-2CD892P-IR3		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design			
DS-2CD892P-IR5		H.264	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design			
DS-2CD6362F-IVS	V5.0.9 build 141009	H.264	1	3072x2048	1-way	1/1	-	Yes	Yes	Yes*				
Note:	Fisheye camera 1. Not support MP2L2. (NUUO server limitation)													
DS-2CD6362F-I	Refer to DS- 2CD6362F- IVS(V5.0.9 build	H.264 MJPEG	5	2048x2048	1-way	1/1	-	Yes	*2	Yes*	Supported by design			
Note:	Fishey camera	a with man	ual calib	oration in Crysta	ıl									
DS-2CD6362F-IV	Refer to DS- 2CD6362F- IVS(V5.0.9 build 141009)	H.264 MJPEG	5	2048x2048	1-way	1/1	-	Yes	*2	Yes*	Supported by design			
DS-2CD6362F-IS	Refer to DS- 2CD6362F- IVS(V5.0.9 build 141009)	H.264 MJPEG	5	2048x2048	1-way	1/1	-	Yes	*2	Yes*	Supported by design			
DS-2CD6332FWD-I	Refer to DS- 2CD6362F- IVS(V5.0.9 build 141009)	H.264 MJPEG	5	2048x2048	1-way	1/1	-	Yes	*2	Yes*	Supported by design			
Note:		a with man	ual calib	oration in Crysta	nl									
DS-2CD6332FWD-IV	Refer to DS- 2CD6362F- IVS(V5.0.9 build	H.264 MJPEG	5	2048x2048	1-way	1/1	-	Yes	*2	Yes*	Supported by design			
Note:	Fishey camera	a with man	ual calib	oration in Crysta	il									
-	-													





For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

	res . Joystick support to control FTZ speed in Crystal												
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On- Edge Motion	UPnP	Multi Stream Support	Remarks		
DS-2CD6332FWD-IS	Refer to DS- 2CD6362F- IVS(V5.0.9 build 141009)	H.264 MJPEG	5	2048x2048	1-way	1/1	-	Yes	*2	Yes*	Supported by design		
Note:	Fishey camera	a with man	ıual calik	oration in Crysta	ıl								
DS-2CD6332FWD-IVS	Refer to DS- 2CD6362F- IVS(V5.0.9 build 141009)	H.264 MJPEG	5	2048x2048	1-way	1/1	-	Yes	*2	Yes*	Supported by design		
Note:	Fishey camera	a with man	ıual calik	oration in Crysta	ıl								
DS-2DE7174-AE	Refer to DS- 2DE7184- A(V5.3.9 build 150910)	H.264 MJPEG	1	1920x1080	*2	-	Yes*	Yes	*2	Yes*	Supported by design		
DS-2DE7184-A	V5.3.9 build 150910	H.264	1	1920x1080	*2	-	Yes*	Yes	*2	Yes*			
Note:	Auto focus can't be used. (NUUO server limitation) Audio codec via AAC can't be used. (NUUO server limitation)												
DS-2DF1-572	V4.1.2 build 121205	H.264	1	1280*720	1-way	1/1	Yes	Yes	-	Yes			
DS-2DF8223I-AEL	V5.2.8 build 150124	H.264 MPEG4	1	1920x1080	*2	*2	Yes*	*2	*2	Yes*			
Note:				eb. (Camera Firman't be used. (N			tion)						
DS-6101HFI-IP	V2.0 101112	H.264	1	704x576	-	1/1	-	Yes	-	-			
Note:	PTZ is only su	pported by	y extern	al RS-485 devic	e.								
DS-6716HWI	V1.2.5 build 150522	H.264 MJPEG MPEG4	16	960x480	1-way	16/4	Yes*	Yes	Yes	Yes*			
Note:	Can't get snapshot. (NUUO server limitation)												
DS-8116HQHI-SH	V3.1.2 build 141219 /Encoding Version: V5.0 build 141218	H.264	16	960x576	1-way	16/4	Yes*	Yes	Yes	Yes*			



New-platform models: FW 20100628 is compatible Old-platform models: only FW 20100320 is acceptable

: not avaliable on camera*1: not avaliable on software*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On- Edge Motion	UPnP	Multi Stream Support	Remarks			
Note:	2. Motion dete 3. The video p 4. UPnP searc 5. The numbe 6. DO can't be 7. Can't get R 8. PTZ functio	1. The resolution of streaming was not stable. (Camera firmware issue) 2. Motion detection can't be used. (Camera firmware issue) 3. The video parameter (brightness, contrast) can't be used. (Camera firmware issue) 4. UPnP search can't be used. (Camera firmware issue) 5. The number of DI and DO was wrong. (Camera firmware issue) 6. DO can't be used. (Camera firmware issue) 7. Can't get RTSP port, default value 554. (Camera firmware issue) 8. PTZ function only works in channel 1. (Camera firmware issue) 9. Unable to achieve setting frame rate, due to duplicate P frame. (Camera firmware issue)												
Generic	V3.1.2 build 141219	H.264 MPEG4 MJPEG	16	2560x1920	1-way	2/2	Yes	Yes	*1	Yes				
Note:	In V3.1.2 build 141219 is the version of firmware of video server. 2. Talk not support in the model support ISAPI protocol. (Camera firmware issue) 3. Can't get RTSP port, default value 554. (Camera firmware issue)													
Generic Camera	V5.3.0 build 150616 V5.0.9 build 141009	H.264 MPEG4 MJPEG	1	2560x1920	1-way	2/2	Yes	Yes	*1	Yes				
Note:	1. V5.3.0 build 150616 is the version of firmware of IPCam. 2. V5.0.9 build 141009 is the version of firmware of fisheye. 3. Talk not support in the model support ISAPI protocol. (Camera firmware issue) Fisheye model: 1. Support generic dewarp 2. When audio codec is changed in webpage, audio in IP Camera 2, 3, 4, 5 can't use correct codec. (Camera Firmware issue) 3. If stream mode is " Mode 2: Fisheye / 4 PTZ", the total number of connections is limited. ex: If someone preview "Fisheye view", you are not permitted to preview " 4 PTZ view". (Camera performance limitation)													

Honeywell

: not avaliable on camera*1: not avaliable on software

*2: not test on software For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support

			162	. muni sirea	3111 5011	ing sup	ρυιι								
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On- Edge Motion	UPnP	Multi Stream Support	Remarks				
ACUIX	1.5.6	MPEG4	1	4CIF	-	-	Yes	-	1	Yes					
Note:				esn't work prop ondent with ca							make it work.				
H3D1F	40.0.6	H.264	1	1280x720	1-way	1/0	-	Yes	-	Yes					
Note:		D1F3X, H4		D1F1, H3D1F2, HCD1FX, HCW											
H3D2F	40.0.6	H.264	1	1920x1080	1-way	1/0	Yes	Yes	-	Yes					
Note:	1. H3D2F: Only support Zoom, not supprot Pan and Tilt. 2. To ensure compatibility with H3D2F1X, H3D2F1, H4D2F1 or H4D2F1X, H3D2F must be selected to work with either model.														
HCD5541P	5.4.5	MPEG4	1	4CIF	1-way	0/1	-	-	-	Yes					
Note:	Disable input	Disable input function due to camera FW.													
HCD5MIH	13.1.2	H.264 MJPEG	1	1280x720	1-way	1/1	-	Yes	-	Yes					
Note:	For integration	n issue not	suppor	t TCP connection	on.										
HD3MD1H	11.0.3	H.264 MJPEG	1	1280x720	1-way	1/1	-	Yes	-	Yes					
Note:	For integration	n issue not	suppor	t TCP connection	on.										
HD4MDIP	8.04	MPEG4	1	1280x720	1-way	-	-	Yes	-	Yes					
HD4MDIH	12.0.3	H.264 MJPEG	1	1280x720	1-way	1/1	-	Yes	-	Yes					
Note:	For integration	n issue not	suppor	t TCP connection	on.	1	1				1				
HNVE1	6.3.4	MPEG4	1	4CIF	1-way	-	-	-	-	Yes					
Note:	Disable I/O fu	nction due	to came	era FW.	•	•	•								
HDZ20HDX	H20120808N SA	H.264 MJPEG	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes					
HDZ20HDE X	Refer to HDZ20HDX(H 20120808NS A)	H.264 MJPEG	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	Supported by design				



For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support

Device Name	Tested Firmware		Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On- Edge Motion	UPnP	Multi Stream Support	Remarks	
HDZ20HD	Refer to HDZ20HDX(H 20120809NS A)		1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	Supported by design	
HDZ20HDE	Refer to HDZ20HDX(H 20120810NS A)		1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	Supported by design	
Note:	Parameter set	ting will fa	il when	Mjpeg quality b	oigger th	nan 60						
Note:	Parameter setting will fail when Mjpeg quality bigger than 60 HD3MDIP, HD4MDIP: Not support I/O currently. All models: Users may be confused because the username on login page of camera web is "administrator", but it's "admin" actually. If you type in "administrator", you are no longer to connect the cameras.											

Innotech

- : not avaliable on camera

*1: not avaliable on software

*2: not test on software

For multi stream support: Yes: multi stream fix to 500kbps/100kbps

Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On- Edge Motion	UPnP	Search	Multi Stream Support	Remarks	
EXCA100IP2	v1.8.1001.3. 5.25	H.264 MJPEG	1	1920x1080	1-way	-	-	Yes	-	*2	Yes		
Note:	2. Motion event is not supported under MDPEG format. (Camera hirmware issue)												
EXCA215IP2		H.264 MJPEG	1	1920x1080	1-way	-	-	Yes	1	*2	Yes		
EXCA3361P2		H.264 MJPEG	1	1920x1080	1-way	-	-	Yes	1	*2	Yes		
EXCA234IP2		H.264 MJPEG	1	1920x1080	1-way	-	-	Yes	-	*2	Yes		
EXCA2341P2WD R		H.264 MJPEG	1	1920x1080	1-way	-	-	Yes	-	*2	Yes		

IPcam

- : not avaliable on camera

*1: not avaliable on software

*2: not test on software

For multi stream support: ulti stream fix to 500kbps/100kb

			Y	es: multi stre Yes*: mult			-					
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On- Edge Motion	UPnP	ONVIF Search	Multi Stream Support	Remarks
NBL3102	03_C002	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	-	Yes*	Supported by design
Note:	1. Framerate	e is unable	to achi	eve setting val	ue in M.	IPEG 19	20x108	0. (Came	ra perfo	ormance	limitation)	
NBL7302	01_C020	H.264 H.265 MJPEG	1	1920x1080	1-way	2/2	Yes	Yes	Yes	-	Yes*	
Note:	3. Camera is	noise wit unable to	h AMR. achiev	.2. (Camera Firmv e maximum FP nter. (Camera F	S. (Cam	era per	formand	ce limitat	ion)			
NBL7305	Refer to B8520(01_ C020)	H.264 H.265 MJPEG	1	2560x1920	1-way	2/2	Yes	Yes	Yes	-	Yes*	Supported by design
Note:	1. H.265 sta	rts from C	crystal 3	.2.								
NDM3102	03_C002	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	-	Yes*	Supported by design
Note:	1. Framerate	e is unable	to achi	eve setting val	ue in M.	IPEG 19	20x108	0. (Came	ra perfo	ormance	limitation)	
NDM5302	Refer to Zavio D8210(02_	H.264 MJPEG	1	1920x1080	1-way	2/2	Yes	Yes	Yes	-	Yes*	Supported by design
Note:		ith highes	t resolu	(Camera Firmv tion is unable t cus.		-	mum FP	S. (Came	era perf	ormance	limitation)	1
NDM7302	01_C020	H.264 H.265 MJPEG	1	1920x1080	1-way	2/2	Yes	Yes	Yes	-	Yes*	
Note:		noise. (C	amera F	.2. irmware issue) (NUUO server		on)						
NDM7305	Refer to B8520(01_ C020)	H.264 H.265 MJPEG	1	2560x1920	1-way	2/2	Yes	Yes	Yes	-	Yes*	Supported by design
Note:	1. H.265 sta	rts from C	Crystal 3	.2.								
NBL5103	01_C013	H.264 H.265 MJPEG	1	2048x1536	-	-	-	Yes	Yes	-	Yes*	Supported by design
Note:	3. Quality lis	rts from C losaic hap losaic not	pen in 2 sync wit	.2. 304x1296 MJP h web. (Came h web in MJPE	ra Firmv	vare issu	ue)		ition)	•		
NDM5103	01_C013	H.264 H.265 MJPEG	1	2048x1520	-	-	-	Yes	Yes	-	Yes*	Supported by design
Note:	3. Quality lis	rts from C losaic hap st can not	pen in 2 sync wit	.2. 304x1296 MJP h web. (Came h web in MJPE	ra Firmv	vare issi	ue)		ation)	•	•	



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested	Video	Video	Max	Audio	1/0	PTZ	On-Edge	UPnP	ONVIF	Multi Stream	Domonko
Device Name	Firmware	Format	Ch	Resolution	Audio	Ch	PIZ	Motion	UPNP	Search	Support	Remarks
Generic		H.264 M-JPEG	1	2592x1920	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
Note:		mum resol	ution is	software. depends on cam can't be set due		restrictio	on.					
NCOA22F	refer to NCOA52F(v1.8.1001. 85.0.8317)		1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes*	Supported by design
NCOA32FD	refer to NCOA52F(v1.8.1001. 85.0.8317)		1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes*	Supported by design
NCOA52F	v1.8.1001. 85.0.8317	H.264 MJPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes*	
Note:	2. The rang limitation)	e of bitrate	e isn't sy	n and quality is vachronized with	the one o	n camei	ra's web	due to Onv	if restri	ction. (Ca	mera perform	
NDOA22F-W	refer to NCOA52F(v1.8.1001. 85.0.8317)	H.264 MJPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes*	Supported by design
NDOA32FD- W	refer to NCOA52F(v1.8.1001. 85.0.8317)	MJPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes*	Supported by design
NI AA202F	refer to NCOA52F(v1.8.1001. 85.0.8317)		1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes*	Supported by design
NIDA212F-W	refer to NCOA52F(v1.8.1001. 85.0.8317)		1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes*	Supported by design
NI DA 312FD- W	refer to NCOA52F(v1.8.1001. 85.0.8317)	H.264 MJPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes*	Supported by design
NI DA512F-W	refer to NCOA52F(v1.8.1001. 85.0.8317)	H.264 MJPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes*	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	ONVIF Search	Multi Stream Support	Remarks
NIPA2H22-C	refer to NCOA52F(v1.8.1001. 85.0.8317)		1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes*	Supported by design
NIPA2H22-W	refer to NCOA52F(v1.8.1001. 85.0.8317)		1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes*	Supported by design
NIRA222F	refer to NCOA52F(v1.8.1001. 85.0.8317)		1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes*	Supported by design
NIRA232F	refer to NCOA52F(v1.8.1001. 85.0.8317)	H.264 MJPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes*	Supported by design
NIRA332FD	refer to NCOA52F(v1.8.1001. 85.0.8317)		1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes*	Supported by design
NITA212F	refer to NCOA52F(v1.8.1001. 85.0.8317)		1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes*	Supported by design
NITA312FD	refer to NCOA52F(v1.8.1001. 85.0.8317)		1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Yes*	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
JS-C1100		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	Yes	Yes	Yes	Supported by design
JS-C2100		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	Yes	Yes	Yes	Supported by design
JS-WGP-100- CB		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	Yes	Yes	Yes	Supported by design
JS-B0100		H.264 M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	Yes	Supported by design
JS-B0100-W		H.264 M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	Yes	Supported by design
JS-B0131		M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	Yes	Supported by design
JS-BB1100- R30		H.264 M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	Yes	Supported by design
JS-B1100		H.264 M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	Yes	Supported by design
JB-B1204- R25		H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
JS-D0100		H.264 M-JPEG MPEG4	1	1280x800	1-way	-	-	Yes	Yes	Yes	Supported by design
JS-D1100		H.264 M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	Yes	Supported by design
JS-D1130		M-JPEG MPEG4	1	1280x800	1-way	1/0	-	Yes	Yes	Yes	Supported by design
JS-D1204		H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
JS- ISD0200x18		H.264 M-JPEG MPEG4	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	Supported by design
JS- OSD0200x20		H.264 M-JPEG MPEG4	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I / O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks			
VN-H37	refer VN- H137	H.264	1	1920x1080	-	-	-	Yes	-	Yes				
VN-H237	refer VN- H137	H.264	1	1920x1080	-	-	-	Yes	-	Yes				
VN-H137	4.02.378	H.264	1	1920x1080	-	-	-	Yes	-	Yes				
Note:	3. Encoder s	fps or 25fp settings car	s is set, n not be	le only 3DDNR, motio changed durin stream is uns	ng multio	cast.	_		out are r	not available.				
VN-H157	refer VN- H57	H.264	1	1920x1080	1-way	2/2	-	Yes	-	Yes				
VN-H257	refer VN- H57	H.264	1	1920x1080	1-way	2/2	-	Yes	-	Yes				
VN-H57	4.00.575	H.264	1	1920x1080	1-way	2/2	-	Yes	-	Yes				
Note:	2. When 30 3. Encoder s	1. H264 support Baseline Profile only 2. When 30fps or 25fps is set, 3DDNR, motion detection and analog viedeo output are not available. 3. Encoder settings can not be changed during multicast. 4. Firmware Issue: MJPEG video stream is unstable over high resolutions.												
VN-H657	2.01.827 SPL2841	H264 MJPEG	1	1920x1080	-	2/2	Yes	Yes	-	Yes				
Note:				t Home Positio stream is unsta		high re	esolution	ns such as 1	920X10	80, 1280x720.				
VN-T16	j.2.2.2232	H264 MPEG4 MJPEG	1	1920x1080	1-way	-	-	Yes	-	Yes				
Note:	based on diresolution se 2. Firmware	fferent reso etting. e Issue: Mjø	olution s beg vide	etting. When c	hoosing stable o	VBR, so	ome con n resolut	iditions will l	be disab	me conditions will bled based on diff 1080, 1280x720	erent			
VN-T216	refer VN- T16 (j.2.2.2232	H264 MPEG4 MJPEG	1	1920x1080	1-way	-	-	Yes	-	Yes				
Note:	 There are lower frame rate limitations for H264 and MPEG4. When choosing CBR, some conditions will be disabled based on different resolution setting. When choosing VBR, some conditions will be disabled based on different resolution setting. Firmware Issue: Mjpeg video stream is unstable over high resolutions such as 1920X1080, 1280x720. Firmware Issue: The Encoder parameters may not sync camera web. 													
VN-V686	refer VN- V685	MPEG4	1	VGA	-	2/2	Yes	Yes	-	Yes				
VN-V685	3.04	MPEG4	1	VGA	-	2/2	Yes	Yes	-	Yes				
Note:	Motion Dete	ection is ava	ailable a	t Home Positio	n.									



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
FCS-0010		MPEG4 M-JPEG	1	640x480	1-way	-	-	-	Yes	-	Supported by design
FCS-0020		MPEG4 M-JPEG	1	640x480	1-way	-	-	-	Yes	-	Supported by design
FCS-0030	Refer to WCS-0030	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	Yes	Yes	-	Supported by design
FCS-0031	1.0.0.35	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	Yes	Yes	-	
Note:	Not support o	n-edge mo	tion wit	h MJPEG forma	ıt, which is	camera	ı limitat	ion.			
FCS-0040	Refer to WCS-0040	H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	-	-	Yes	-	Supported by design
Note:	Not support o		tion cur	rently due to c	amera issu	ue.	<u></u>		<u> </u>	•	•
WCS-0050	v1.0.0.36	MPEG4 MJPEG H264	1	1280x800	1-way	-	-	Yes	Yes	Yes	
FCS- 1030V2.0		MPEG4	1	720x576	1-way	-	-	Yes	Yes	-	Supported by design
FCS-1040	0102a	MPEG4 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	-	
FCS-1060	0202a	MPEG4	1	720x576	1-way	-	Yes	Yes	Yes	-	
FCS-1070		MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
FCS-1081		MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	-	Supported by design
FCS-1081A		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	-	
FCS-1091		MPEG4 M-JPEG	1	640x480	1-way	2/2	-	-	Yes	-	Supported by design
FCS-1101		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	-	Supported by design
FCS-1131	L20101222N S	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	
FCS-1132	v1.0.0.2	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Note:	1. Motion Det		PEG4 is	error.	<u>- </u>				-		
FCS-1141	L20100623N S	H.264 M-JPEG	1	1280x960	1-way	1/1	-	Yes	Yes	-	
Note:	UPnP search ovendor.		k prope	rly sometimes	, which ha	ppens o	n camer	a's own sea	rch tool	. We are clarifyin	g with
FCS-1151	0100c	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	Yes	Yes	Yes	-	
Note:	UPnP search ovendor.		k prope	rly sometimes	, which ha	ppens o	n camer	a's own sea	rch tool	. We are clarifyin	g with



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I / O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
FCS-3000	0101a	MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	-	
FCS-3021		MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	Yes	Supported by design
FCS-3031	V1.0.04	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	-	Yes	-	
Note:	issue.			juring frame ra			40 and	160x120 res	solution,	which belongs to	o camera
FCS-3052	v1.0.0.2	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Note:	1. Motion Dete		IPEG4 is	error.	l			1		L	
FCS-3061	1.0.0.34	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	Yes	-	
FCS-3062	v1.0.0.6	MPEG4 M-JPEG H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
FCS-3071	L20101222N S	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	-	
FCS-3071- V2	le20120905N SA	H.264 M-JPEG	1	1920x1080	-	-	-	Yes	Yes	Yes	
FCS-3081	L20101222N S	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	
FCS-3091	2.0.0629	MPEG4 M-JPEG	1	1600x1200	1-way	4/1	-	-	Yes	-	
Note:		n-edge mo	tion & d	ual stream in t	his camer	a FW du	e to its	limitation.			
FCS-3101	FCS-3101- ANC3211M- 1.0.1.3-08- 07	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	Yes	
FCS-4010		MPEG4 M-JPEG	1	720x576	1-way	4/1	Yes	Yes	Yes	Yes	Supported by design
FCS-4041	le20130117N SA	M-JPEG H.264	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	Supported by design
Note:	LevelOne FCS	-4041: Hig	jh video	parameter cau	ises slow (CGI com	mand re	esponse.			
FCS-4042	NSA	M-JPEG H.264	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	
Note:	2. Preset nam	e use spec	ial syml	while high qua ool failed ex:# slow CGI comi	-	onse					
FCS-4101	FCS-4101- ANC3210M- 1.0.1.3-08- 07	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	-	Yes	Yes	Yes	Yes	
FCS-4x00		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	-	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
FCS-5011	0100c	MPEG4 M-JPEG	1	720x480	1-way	1/1	-	Yes	Yes	Yes	
FCS-5030	0100a2	MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	Yes	
Note:	No audio supp	oort in M-JI	PEG.								
FCS-5041	1.0.0.46	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	Yes	-	
FCS-5042	2.0.0.1	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/0	Yes	Yes	Yes	Yes	
FCS-5051	L20101222N S	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	
FCS-5052	v1.0.0.2	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	
Note:	1. Motion Dete		IPEG4 is	error.						• 	<u> </u>
FCS-5061	le20130117N SA	H264 MJPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes	
FCS-5062	v1.0.0.2	H.264	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes	
Note:	1. Motion Dete	ection of M	IPEG4 is	error.							
FCS-6010	1.0.0.11	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/0	Yes	Yes	Yes	-	
Note:		deo stream	throug	W. h TCP/UDP sor changing video						issue.	
FCS-7011		MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	-	Supported by design
SDK8	CFA- V6.07.23-L1	H264 MJPEG	1	3648x2736	1-way	1/1	Yes	Yes	-	Yes*	Supported by design
WCS-0010		MPEG4 M-JPEG	1	640x480	1-way	-	-	-	Yes	-	Supported by design
WCS-0020		MPEG4 M-JPEG	1	640x480	1-way	-	Yes	-	Yes	-	Supported by design
WCS-0030	1.0.0.35	H.264 MPEG4 M-JPEG	1	1280x800	1-way	-	-	Yes	Yes	-	
WCS-0040	1.0.0.3	H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	-	-	Yes	-	
Note:	Not support o		otion cur	rently due to c	amera issi	ue.					
WCS-1090		MPEG4 M-JPEG	1	640x480	1-way	2/2	-	-	Yes	-	Supported by design
WCS- 2030V3.0		MPEG4	1	720x576	1-way	-	-	Yes	Yes	-	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I / O Ch	121/	On-Edge Motion	UPnP	Multi Stream Support	Remarks
WCS-2040	0101b	MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes	Yes	Yes	-	
WCS-2060		MPEG4	1	720x576	1-way	-	-	Yes	Yes	-	Supported by design
WCS-2070	0100b	MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	-	
WCS-6020	1.1.4.1	MJPEG MPEG4 H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
WCS-6050	1.0.4.2	MJPEG H.264	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	



- : not avaliable on camera *1: not avaliable on software

*2: not test on software For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
LDW2010	260.0.0.1208 100	H.264 MJPEG	1	D1	1-way	1/1	-	Yes	-	Yes	
LNB3100	Refer to LND5100	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
LNB5100	Refer to LND5100	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
LND3100	Refer to LND5100	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
LND5100	1796.0.0.120 8060	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
Note:	TCP connection	n has chai	nce disc	onnect automatic	cally			I			
LND7210	Refer to LNV7210R(x xxx.0.0.1405 190)	H.264 MJPEG	1	1920x1080	1-way	*2	-	Yes	*2	Yes	Supported by design
LND7210R	Refer to LNV7210R(x xxx.0.0.1405 190)	H.264 MJPEG	1	1920x1080	1-way	*2	-	Yes	*2	Yes	Supported by design
LND7300	1801.0.0.130 3220	MJPEG	1	2048x1536	*2	*2	-	Yes	-	Yes	
LNP2800	Refer to LNP3700T	H.264 MJPEG	1	D1	1-way	4/2	Yes	Yes	-	Yes	
LNP2800I	Refer to LNP3700T	H.264 MJPEG	1	D1	1-way	4/2	Yes	Yes	-	Yes	
LNP2810T	1890.0.0.130 2150	H.264 MJPEG	1	1280x720	*2	*2	Yes	Yes	-	Yes	
LNP3020	1891.0.0.141 1270	H.264 MJPEG	1	1920x1080	*2	*2	Yes*	Yes	*2	Yes	
Note:	1.The 2nd stre	eam's fram	ne rate v	vill exceed the se	etting valu	e (Came	era limita	ation).	T		1
LNP3700	Refer to LNP3700T	H.264 MJPEG	1	D1	1-way	4/2	Yes	Yes	-	Yes	
LNP3700T	1286.0.0.120 5140	H.264 MJPEG	1	D1	1-way	4/2	Yes	Yes	-	Yes	
Note:	TCP connection	n has chai	nce disc	onnect automatio	cally						
LNU5100R	1954.0.0.130 3120	H.264 MJPEG	1	1280x1024	*2	*2	-	Yes	-	Yes	
LNU7210R	Refer to LNV7210R(x xxx.0.0.1405 190)	H.264 MJPEG	1	1920x1080	1-way	*2	-	Yes	*2	Yes	Supported by design
LNV5100	Refer to LND5100	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
LNV5100R	1972.0.0.130 3110	H.264 MJPEG	1	1280x1024	*2	*2	-	Yes	-	Yes	
LNV7210	Refer to LNV7210R(x xxx.0.0.1405 190)	H.264 MJPEG	1	1920x1080	1-way	*2	-	Yes	*2	Yes	Supported by design



- : not avaliable on camera *1: not avaliable on software

*2: not test on software For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
LNV7210R	2237.0.0.140 5190	H.264 MJPEG	1	1920x1080	1-way	*2	-	Yes	*2	Yes	
Note:		video par	ameter	(brightnessetc)	•						•
LNV7300	Refer to LND7300(FW 1801.0.0.130	H.264 MJPEG	1	2048x1536	*2	*2	-	Yes	-	Yes	
LSW2010	Refer to LDW2010	H.264 MJPEG	1	D1	1-way	1/1	-	Yes	-	Yes	Supported by design
LSW900	Refer to LVW701	H.264 MJPEG	1	D1	1-way	1/1	-	Yes	-	Yes	Supported by design
LSW901	Refer to LVW701	H.264 MJPEG	1	D1	1-way	1/1	-	Yes	-	Yes	Supported by design
LVS201	385.0.0.1208 200	H.264 MJPEG	1	704x576	-	-	Yes	Yes	-	Yes	
LVS301	Refer to LVS311	H.264 MJPEG	1	704x576	1-way	1/1	Yes	Yes	-	Yes	Supported by design
LVS311	129.1.0.1110 260	H.264 MJPEG	1	704x576	1-way	1/1	Yes	Yes	-	Yes	
LVW700	Refer to LVW701	H.264 MJPEG	1	D1	1-way	1/1	-	Yes	-	Yes	Supported by design
LVW701	4.1.1.111026 0	H.264 MJPEG	1	D1	1-way	1/1	-	Yes	-	Yes	
LVW900	Refer to LVW701	H.264 MJPEG	1	D1	1-way	1/1	-	Yes	-	Yes	Supported by design
LVW901	Refer to LVW701	H.264 MJPEG	1	D1	1-way	1/1	-	Yes	-	Yes	Supported by design
LNV5110	Refer to LND5100	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
LW130W	4097.0.0.120 3131	H.264 MJPEG	1	1280x720	1-way	1/1	-	Yes	-	Yes	
Note:	TCP connection	n has cha	nce disc	onnect automatio	cally						
LW332	1026.0.0.111 0260	H.264 MJPEG	1	1280x1024	1-way	1/1	-	YES	-	Yes	
LW335	Refer to LW332	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
LW342	Refer to LW345	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	
LW345	515.0.0.1110 260	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes	
Note:				isconnect automa H264,1920x108		re), over	20fps				
LW352	1030.0.0.111 1160	H.264 MJPEG	1	2040x1536	1-way	1/1	-	Yes	-	Yes	
LW355	Refer to LW352	H.264 MJPEG	1	2040x1536	1-way	1/1	-	Yes	-	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I / O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
LW6324	Refer to LW332	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
LW6354	Refer to LW332	H.264 MJPEG	1	1280x1024	1-way	1/1	-	Yes	-	Yes	
LW6424	Refer to LW345	H.264 MJPEG	1	2040x1536	1-way	1/1	-	Yes	-	Yes	
LW6454	Refer to LW345	H.264 MJPEG	1	2040x1536	1-way	1/1	-	Yes	-	Yes	
LW9226	774.0.0.1211 289	H.264 MJPEG	1	D1	1-way	4/2	Yes	Yes	-	Yes	
LW9226I	Refer to LW9226	H.264 MJPEG	1	D1	1-way	4/2	Yes	Yes	-	Yes	Supported by design
LW9228	Refer to LW9226	H.264 MJPEG	1	D1	1-way	4/2	Yes	Yes	1	Yes	Supported by design
LW9228I	Refer to LW9226	H.264 MJPEG	1	D1	1-way	4/2	Yes	Yes	-	Yes	Supported by design
LW9422	1632.0.0.120 5030	H.264 MJPEG	1	1920x1080	1-way	4/2	Yes	Yes	-	Yes	

For LW9422:

- 1. PTZ will stop automatically when press button over 10sec.
- 2. Focus Near / Far need setup the Focus mode in camera's OSD
- 3. Adjust zoom speed is useless
- 4. Can't support dual-stream at H264,1920x1080 (or above), over 20fps

Note: For LW9226:

- 1. PTZ will stop automatically when press button over 10sec.
- 2. Focus Near / Far need setup the Focus mode in camera's OSD
- 2. Audio out impedance is too large.

For LVS201:

1. QCIF has image noise at the bottom line.



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I / O Ch	IPIZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks		
NCD- 2003PR	51110.2.12 62.100	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes			
Note:		. When set Anti-Flicker Mode to 50Hz, Mainconsole would get wrong Max of FPS(30). (Firmware issue) . PTZ only support Zoom/Focus											
NMX-2003P		10.2.12 H.264 M-JPEG 1 1920x1080 Yes Yes Yes Yes											
Note: (MegaIP camera)	 Getting bitrate value would not sync with camera's web. (Camera onvif issue) Setting quality value would not sync with camera's web. (Camera onvif issue) After setting parameter on camera, camera would restart for a while. After camera restart completed, then parameter can be got. MD and I/O works only when http is 80. 												



*1: not avaliable on software

*2: not test on software For multi stream support:

Yes: multi stream fix to 500kbps/100kbps

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks		
NCB855PRO	AP_01-00- 60- 25A_MS03	H264, MJPEG, MPEG4	1	1920x1080	1-way	2/1	-	Yes	Yes	Yes	Supported by design		
Note	2.Get parame3.Broken text4.Not support	eter may w ures on co auto dete	rong aft nnected ction	c or more to so er set parame I in 1~4sec at esponse wrong	ter MPEG4	eter							
NCC800	AP_01-00- 60- 25B MS03	H264, MJPEG, MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes			
Note	2.Get parame 3.Broken text	Set parameter will take 10 sec or more to setup Get parameter may wrong after set parameter Broken textures on connected in 1~4sec at MPEG4 Not support auto detection											
NCB858	Refer to NCR878(AP_ 01-00-62- 18_MS05)	H.264 MJPEG MPEG4	1	2592x1944	1-way	2/1	-	Yes	Yes	Yes	Supported by design		
NCR870	AP_01-00- 62-18_MS00- 01N	H.264 MJPEG MPEG4	1	1920x1080	-	-	-	Yes	Yes	Yes			
Note:	2.Get parame	ter may w	rong aft	c or more to so er set parame , but actual re	ter.	framera	ate is on	ly 15.	-				
NCR875PRO	AP_01-00- 60- 25A_MS03	H264, MJPEG, MPEG4	1	1920x1080	1-way	2/1	-	Yes	Yes	Yes			
Note	1.Set parameter will take 10 sec or more to setup 2.Get parameter may wrong after set parameter 3.Broken textures on connected in 1~4sec at MPEG4 4.Not support auto detection 5.Setup bit rate of MPEG4 will response wrong parameter												
NCR878	AP_01-00- 62-18_MS05	H.264 MJPEG MPEG4	1	2592x1944	1-way	2/1	-	Yes	Yes	Yes			
Note:	1.Set parameter will take 10 sec or more to setup. 2.Get parameter may wrong after set parameter. 3.Auto detection can't be use.												



*1: not avaliable on software

*2: not test on software For multi stream support:

Yes: multi stream fix to 500kbps/100kbps

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
NDF820	Refer to NCR870(AP_ 01-00-62- 18_MS00- 01N)	H.264 MJPEG MPEG4	1	1920x1080	-	-	-	Yes	Yes	Yes	Supported by design
Note:	2.Get parame	ter may wi	rong aft	c or more to see er set parame , but actual re	ter.	framera	ite is on	ly 15.			
NDF821	Refer to NDR891 (AP_ 01-00-60- 25A_MS02)	H.264 MJPEG MPEG4	1	1920x1080	1-way	2/1	-	Yes	Yes	Yes	Supported by design
NDF821PRO	Refer to NCR875PRO(AP_01-00- 60- 25A_MS03)	H.264 MJPEG MPEG4	1	1920x1080	1-way	2/1	-	Yes	Yes	Yes	Supported by design
NDF831	Refer to NDR891 (AP_ 01-00-60- 25A_MS02)	H.264 MJPEG MPEG4	1	1920x1080	1-way	2/1	-	Yes	Yes	Yes	Supported by design
NDF831PRO	Refer to NCR875PRO(AP_01-00- 60- 25A_MS03)	H.264 MJPEG MPEG4	1	1920x1080	1-way	2/1	-	Yes	Yes	Yes	Supported by design
NDR891	AP_01-00- 60- 25A_MS02	H264, MJPEG, MPEG4	1	1920x1080	1-way	2/1	-	Yes	Yes	Yes	
Note	2.Get parame 3.Broken text 4.Not support	ter may wi ures on co auto dete	rong aft nnected ction	c or more to seer set parameter in 1~4sec at esponse wrong	ter MPEG4	eter					
NDR891PRO	Refer to NCR875PRO(AP_01-00- 60- 25A_MS03)	H.264 MJPEG MPEG4	1	1920x1080	1-way	2/1	-	Yes	Yes	Yes	Supported by design
NIC950HPRO	A1D-310- V4.12.09-NB	MPEG4 M-JPEG H.264	1	720x480	1- way*2	-	Yes	Yes	-	Yes	
Note	1.Not support 2.Not support 3.Not support 4.Not support	auto detec motion de	tection	on MJPEG							
NI C990	M.0.2.9	H.264	1	1920x1080	1-way	6/1	Yes	Yes	Yes	Yes	
Note	1.Can't set fra 2.Only suppor 3.Not support	t H.264	m on 10	080P							



*1: not avaliable on software

*2: not test on software For multi stream support:

Yes: multi stream fix to 500kbps/100kbps

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution			PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
HD- PRO302DN	DC Standard	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	-	Supported by design
HD- PRO310DNW	mw2014070 3NSA	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
HD- PRO332DNW	mw2014070 3NSA	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
HD- PRO350DNW	mw2014070 3NSA	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
HD- PRO350DNW /H	mw2014070 3NSA	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
HD- PRO350DNW /IR	mw2014070 3NSA	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
HD- PRO350DNW /IR/H	mw2014070 3NSA	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
HD- PRO351DNW /H	mw2014070 3NSA	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
HD- PRO351DNW /IR/H	mw2014070 3NSA	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
HD- PRO352DNW	mw2014070 3NSA	H.264 M-JPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
HD- PRO352DNW /IR	mw2014070 3NSA	H.264 M-JPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
HD-PRO370W	mw2014070 3NSA	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	Yes	Supported by design
HD- PRO370WOU T	mw2014070 3NSA	H.264 M-JPEG	1	1920x1080	1-way	1	-	Yes	Yes	Yes	Supported by design
HD- PRO392DNW /V	mw2014070 3NSA	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
HD- PRO410DNW /H	mw2014070 3NSA	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
HD- PRO410DNW /H-POE	mw2014070 3NSA	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
HD- PRO518DN	mw2014070 3NSA	H.264 MJPEG	1	1920x1080	1-way	4/2	Yes	Yes	Yes	-	Supported by design
HD- PRO610DNW	mw2014070 3NSA	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
HD- PRO692DNW /V/IR	mw2014070 3NSA	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
HD- PRO710DNW	mw2014070 3NSA	H.264 M-JPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes	Supported by design
HD- PRO750DNW	mw2014070 3NSA	H.264 M-JPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design

HD- PRO750DNW /IR		H.264 M-JPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
HD- PRO810DNW /H		H.264 M-JPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
HD- PRO810DNW /H/M		H.264 M-JPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
HD-PRO890	mw2014070 3NSA	H.264, MJPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes	Supported by design
HD- PRO890/OUT	mw2014070 3NSA	H.264, MJPEG	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
C25	Refer to i25(4.3.2.77)	MJPEG MxPEG	1	2592x1944	1-way	-	-	Yes	-	Yes*	Supported by design
D12D-IT		M-JPEG MxPeg	1	640x480	-	-	-	Yes	-	Yes	Supported by design
D12D-Sec		M-JPEG MxPeg	1	2048x1536	-	-	-	Yes	-	Yes	Supported by design
D14D-Sec	MX-V4.1.0.2	M-JPEG MxPeg	1	2048x1536	1-way	-	-	-	-	Yes	
D15D-Sec	Refer to D15D-Sec- Dnight(MX- V4.1.9.29)	M-JPEG MxPeg	1	2048x1536	1-way	2/2	-	Yes	-	Yes*	Supported by design
D15D-Sec- Dnight	MX-V4.1.9.29	M-JPEG MxPeg	1	2048x1536	1-way	2/2	-	Yes	-	Yes*	
D15D-Sec- Night-Pano	Refer to D15D-Sec- Dnight(MX- V4.1.9.29)	M-JPEG MxPeg	1	2048x1536	1-way	2/2	-	Yes	-	Yes*	Supported by design
D15D-Sec- Pano	Refer to D15D-Sec- Dnight(MX- V4.1.9.29)	M-JPEG MxPeg	1	2048x1536	1-way	2/2	-	Yes	-	Yes	Supported by design
D22M-Basic		M-JPEG MxPeg	1	640x480	-	-	-	Yes	-	Yes	Supported by design
D22M-IT	MX-V3.4.0.9	M-JPEG MxPeg	1	640x480	-	2/2	-	Yes	-	Yes	Supported by design
D22M-Sec		M-JPEG MxPeg	1	2048x1536	-	-	-	Yes	-	Yes	Supported by design
D24-Basic		M-JPEG MxPeg	1	640x480	-	-	-	Yes	-	Yes	Supported by design
D24-IT		M-JPEG MxPeg	1	640x480	-	-	-	Yes	-	Yes	Supported by design
D24-Sec	MX-V4.0.1.15 (2009-07-20)	M-JPEG MxPeg	1	2048x1536	-	2/2	-	Yes	-	Yes	
i25	4.3.2.77	MJPEG MxPEG	1	2592x1944	1-way	-	-	Yes	-	Yes*	
Note:	1.Audio only suppor 2.The max framerat						nware I	ssue)			
Generic	MX-V4.1.9.29	M-JPEG MxPeg	1	2048x1536	1-way	2/2	-	Yes	-	Yes	
M10D	M10-V2.2.2.17	M-JPEG MxPeg	1	2048x1536	-	-	-	Yes	-	Yes	
M12D-IT		M-JPEG MxPeg	1	640x480	-	-	-	Yes	-	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks				
M12D-Sec	MX-V3.4.0.9	M-JPEG MxPeg	1	2048x1536	-	-	-	Yes	-	Yes					
M12D-Web		M-JPEG MxPeg	1	2048x1536	-	-	-	Yes	-	Yes	Supported by design				
M15D-Sec	4.3.4.5	MxPEG M-JPEG	1	3072x2048	1-way	2/2	-	*2	*2	Yes*					
Note:	Firmware issue) 3. The 2nd and 3rd resolution of 1st stre 2048*1536(the ratio become 1440*1080	2. The camera with higher quality and resolution is unable to achieve the fps which users set for all streams. (Camera Firmware issue) 3. The 2nd and 3rd stream resolution will depends on 1st stream resolution setting. For example, if users set the resolution of 1st stream to 2048*1536(the ratio of height and width is 4:3) and 2nd stream resolution is 1920*1080, the 2nd stream resolution will become 1440*1080(4:3) instead of 1920*1080(16:9). (Camera performance limitation) Refer to M15D- M-JPEG 1 2048×1536 1-way 2/2 - Yes - Yes* Supported by													
M15D-Sec- Dnight	Refer to M15D- Sec(MX-V4.1.9.29)	M-JPEG MxPeg	1	2048x1536	1-way	2/2	-	Yes	-	Yes*	Supported by design				
M15M-Sec	Refer to M15D- Sec(MX-V4.1.9.29)	M-JPEG MxPeg	1	2048x1536	1-way	2/2	-	Yes	-	Yes*	Supported by design				
M22M-IT		M-JPEG MxPeg	1	640x480	-	-	-	Yes	-	Yes	Supported by design				
M22M-Sec		M-JPEG MxPeg	1	2048x1536	-	-	-	Yes	-	Yes	Supported by design				
M24M-Sec	MX-V4.0.4.28	M-JPEG MxPeg	1	2048x1536	-	-	-	Yes	-	Yes					
Note:	1.Audio only suppor 2.Motion event work 3.Resolution of dual	ks abnorma	al until fi												
M25M	Refer to i25(4.3.2.77)	MJPEG MxPEG	1	2592x1944	1-way	-	-	Yes	-	Yes*	Supported by design				
P25	Refer to i25(4.3.2.77)	MJPEG MxPEG	1	2592x1944	1-way	-	-	Yes	-	Yes*	Supported by design				
D25	Refer to i25(4.3.2.77)	MJPEG MxPEG	1	2592x1944	1-way	-	-	Yes	-	Yes*	Supported by design				
Q25	Refer to i25(4.3.2.77)	MJPEG MxPEG	1	2592x1944	1-way	-	-	Yes	-	Yes*	Supported by design				
Q22M-Basic		M-JPEG MxPeg	1	640x480	-	-	-	Yes	-	Yes	Supported by design				



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks	
Q22M-Sec	MX-V3.4.5.10	M-JPEG MxPeg	1	2048x1536	-	2/2	-	Yes	-	Yes	Supported by design	
Note:	Q22M-Basic and Q2	2M-Sec are	e fisheye	camera				_				
Q24-Basic		M-JPEG MxPeg	1	640x480	-	-	-	Yes	-	Yes	Supported by design	
Q24-Sec	MX-V4.0.1.7	M-JPEG MxPeg	1	2048x1536	-		-	Yes	-	Yes		
Note:	Q24M-Basic and Q2	4M-Sec are	e fisheye	camera	•					•	•	
Q25M- Secure	MX-V4.1.10.35	M-JPEG MxPeg	1	2048X1536	1-way	2/2	Yes	Yes	-	Yes*		
Note:	Fisheye camera with When display mode				vague.							
S14D-Sec	Refer to S15D- Sec(MX-V4.1.9.29)	M-JPEG MxPeg	1	2048x1536	1-way	2/2	-	Yes	-	Yes	Supported by design	
S14D-Sec- Night	Refer to S15D- Sec(MX-V4.1.9.29)	M-JPEG MxPeg	1	2048x1536	1-way	2/2	-	Yes	-	Yes	Supported by design	
S14M-Sec	Refer to S15D- Sec(MX-V4.1.9.29)	M-JPEG MxPeg	1	2048x1536	1-way	2/2	-	Yes	-	Yes	Supported by design	
S15D-Sec	MX-V4.1.9.29	M-JPEG MxPeg	1	2048x1536	1-way	2/2	-	Yes	-	Yes*		
S15M-Sec	Refer to S15D- Sec(MX-V4.1.9.29)	M-JPEG MxPeg	1	2048x1536	1-way	2/2	-	Yes	-	Yes*	Supported by design	
S15M-Sec- Night	Refer to S15D- Sec(MX-V4.1.9.29)	M-JPEG MxPeg	1	2048x1536	1-way	2/2	-	Yes	-	Yes*	Supported by design	
Note:	For M15D-Sec, S15I 1. (Camera issue): ⁷ streams 2. (Known issue): The resolution of 1st streams 2nd stream resolution	The camera he actual se eam to 204	a with h sub-strea 18*1536	am resoluton co	lepend o eight an	n 1st si d width	tream re is 4:3)	esolution val and 2nd str	lue . For	example, i	f users set the	
T24-Sec	MX-V4.0.4.19	M-JPEG MxPeg	1	2048x1536	-	7/3	-	Yes	-	Yes		
T25M- Secure	MX-V4.1.10.35	M-JPEG MxPeg	1	2048x1536	1-way	2/2	Yes	Yes	-	Yes*		
Note:	When display mode	is panorar	na, mov	e will become	vague.						•	
Note:	When display mode is panorama, move will become vague. For All Model: 1. For display mode, plesae set on the Mobotix web setting page first. 2. No Support Audio from Camera when video format is MJPEG. 3. Using Ext10, plesae set on the Mobotix web setting page first.											

NETGEAR

- : not avaliable on camera

*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support

ree it main en earnig eappert														
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On- Edge Motion	UPnP	Multi Stream Support	Remarks			
HMNC100	00910	H.264	1	1280x720	-	-	-	-	Yes	Yes				
Note:	Bitrate setti Camera UF No quality c	1. When setting FPS to 6~9, Camera will achieve maximum FPS. (Camera firmware issue) 2. Bitrate setting is not work. (Camera firmware issue) 3. Camera UPNP search failure. (Camera firmware issue) 4. No quality options in VBR mode. (Camera firmware issue) 5. Motion are not supported. (Camera firmware issue)												
HMNC500	00910	H.264	1	1280x720	1-way	-	-	-	Yes	Yes				
Note:	1: When setting FPS to 6~9, Camera will achieve maximum FPS.(Camera firmware issue) 2. Quality options for CBR mode is not work. (Camera firmware issue) 3. Not support motion. (Camera firmware issue) 4. Camera UPNP search failure. (Camera firmware issue)													



- : not avaliable on camera *1: not avaliable on software *2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal For PTZ:

	Yes*: Joystick support to control PTZ speed in Crystal											
Brand	Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On- Edge Motion	UPnP	Multi Stream Support	Remarks
Basler	BIP2- 1600-25c- DN	3.14.1	M-JPEG H.264	1	1600x1200	-	-	-	-	-	-	
Note:	2. Only one 3. Not support 4. Not support 5. Not support 6. The list of 7. Cannot co 8. The list of 9. Not support	umber is 0 in on stream profile in ort MPEG4 in onvort motion. (Camort audio but soft camera Resolut onnect video where the camera Framera ort http but softwonnect video streamera video video streamera video video streamera video video streamera video	onvif/onvif (Carera Firmware shown isn't syen FPS >= ate isn't syenes shown are shown are shown and in the syenes shown in the	if (Came amera F are Issu s enabl nchroni 2. (Cam nchroni http o	era Firmware Issifirmware Issue) e) e/disabe audio concert with the one of the concert firmware issued with the one option at protocol	pption. (Cae on came sue) e on came se on came	era's wel era's wel (NUUO s	b. (Cam o. software	era Firmw		e)	
воѕсн	NWC- 0455	19500410	H.264 M-JPEG	1	704x576	-	-	-	-	-	-	
Note:		fication must be y, it is recommen	,		•				,			
Canon	VB-H41	Ver. 1.0.0 (Build Number 2483:50)	M-JPEG	1	1920x1080	1-way	2/2	Yes	Yes	-	Yes*	
Note:	2. Due to Or	nvif restriction, so nvif restriction, d does not suppor	ependency	betwee	en framerate and					F limitat	ion)	
Canon	VB-H710F	Ver. 1.2.0 (Build Number 3015:109)	M-JPEG	1	1920x1080	1-way	2/2	Yes	-	-	Yes*	
Note:	1. Due to Onvif restriction, some frame rate and bit rates cannot be set. (ONVIF limitation) 2. Due to Onvif restriction, dependency between framerate and bitrate cannot be showed. (ONVIF limitation) 3. PTZ only support focus. 4. Motion does not support. (Camera firmware issue) 5. Talk may have muted-sound sometime. (Camera firmware issue) 6. Camera is unable to achieve maximum FPS. (Camera firmware issue)											



: not avaliable on camera*1: not avaliable on software*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

	Tes : Joystick support to control 172 speed in crystal												
Brand	Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On- Edge Motion	UPnP	Multi Stream Support	Remarks	
Canon	VB-S30D	Ver. 1.0.0 (Build Number 2826:36)	M-JPEG	1	1920x1080	1-way	1/1	Yes	-	-	Yes*		
Note:	2. Due to Or	nvif restriction, so nvif restriction, d nves not support.	ependency	betwee	en framerate an					F limitat	ion)		
Canon	VB-S800D	Ver. 1.0.0 (Build Number: 2826: 36)	M-JPEG	1	1920x1080	1-way	1/1	-	-	-	Yes*		
Dlink	DCS- C43W- 20F/B02	V4.02.R11.000 00523.12010	H.264	1	1280x720	-	-	-	Yes	-	Yes*		
Dlink	DCS- C90R- 10F/A0	V4.02.R11.000 01900.10010	*2	1	*2	*2	*2	*2	*2	*2	*2		
Histream	HH9803C- L16	v2.3.1.4.0.22	M-JPEG H.264 MPEG4	1	704x480	-	-	Yes	-	-	Yes*		
Note:	2. MPEG-4 c	nvif restriction, so annot use due to of MJPEG quality	o camera fi	rmware	issue.								
Jetstor	JV- B1201R	V6.03.05- CGBO24200- 1210	M-JPEG H.264	1	1920x1080	-	-	-	-	-	Yes*		
Note:		nvif restriction, so Brd cannot set to				ot be set.							
Jetstor	JV- OSD0200- X20	V6.03.05- CGBO24200- 1228	H.264 MJPEG	1	1920x1080	-	-	-	-	-	Yes*		
LILIN	LD2222	1.1.16	H.264 MJPEG	1	1920x1080	1-way	*2	-	Yes	-	Yes*		
Note:	Due to Onvif restriction, some frame rate and bit rates cannot be set. (ONVIF limitation) Due to Onvif restriction, dependency between framerate and bitrate cannot be showed. (ONVIF limitation) Motion detection may always trigger continuously. (Camera firmware issue)												
LILIN	IPD2322E SX	1.0.60	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	-	Yes*		
Note:	1. Due to Onvif restriction, some frame rate and bit rates cannot be set. (ONVIF limitation) 2. Due to Onvif restriction, dependency between framerate and bitrate cannot be showed. (ONVIF limitation)												



: not avaliable on camera*1: not avaliable on software*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Dwaw -l	Device	Tested	Video	Video	Max		1/0		On-	UDP	Multi	Down
Brand	Name	Firmware	Format	Ch	Resolution	Audio	Ch	PTZ	Edge Motion	UPnP	Stream Support	Remarks
ILIN	IPS518	1.2.02	H.264 MJPEG	1	1920x1080	*2	*2	*2	*2	-	Yes*	
Note:	2. Image se 3. Zoom and 4. Video set 5. Audio is r 6. Autodeted 7. The came 8. Some frai 9. Depender	e of bitrate and to tting, digital inposed focus do not futings may not be not available und ction and camera era supports 4 st me rates and bit not between fran mirror are not s	ut, talk and inction normale synchron der TCP and a search do reams, what rates can me rate and inction to the control of the	d motion mally. ((ized to c d UDP. ((o not fur ille only not be se d bitrate	detection do no Camera Firmwar Pamera web. (Ca Camera perform Paction. (Generic Castreams could et. (ONVIF limitation is not shown.	ot function re issue) amera Firr nance limit model) l be displa ation)	n. (Camenware is tation)	era Firm ssue) UUO ser	ware issue	e)	issue)	
ONVIF	ONVIF	-	-	-	-	-	-	-	-	-	-	
Note:	compatibility 1. Some frai 2. Depender 3. The bit ra (ONVIF limit 4. The pin ir 5. The maxi 6. Talk func	fication must be y, it is recomment me rates and bit ncy between frant te mode cannot tation) ndex of DI and D mum numbers of tion is not suppossupport http but	nded to exist rates cannot be switched to may be of DI and Directly in the control of the contro	ecute te not be se d bit rate ed amon different O are 4. camera	sting prior to an et. (ONVIF limits e cannot be sho g constant bit references (NUUO softwadoes not suppo	ny further ation) wn. (ON) ate (CBR) pec since re limitation	usage. /IF limit , variable the independent annel. ((ation) le bit rat exing rul	te (VBR) a le is unkno mitation)	nd avera	age bit rate	e (AVR).
Ωihan	QH-NV431	v2.3.8.1	H.264	1	1920x1080	-	-	-	-	-	Yes*	
lote:		nvif restriction, s d stream cannot				nder high	bitrate.					
Stanley	1310-F	NSD-1.0.9.58	H.264	1	1280x720	-	-	-	-	-	Yes*	
ΓVΤ	TD9412M	3.4.0Beta6	H.264	1	1280x720	1-way	-	-	-	-	Yes*	
г v т	TD9422M	3.4.0Beta6	H.264	1	1920x1080	1-way	-	-	-	-	Yes*	
⁻усо	ADVEIPSD 37AH	V1.04_STD-1	H.264	1	704×480	1-way	1/1	Yes	Yes	-	Yes*	
Note:		vif restriction, so eb MJPEG has no			d bit rates cann	ot be set.			1	•		
Vapa	HH9803BL - C7HA1080 IL-T18C- L16	V6.03.05- CGB024200- 1210	M-JPEG H.264	1	1920x1080	-	-	-	-	-	Yes*	
	1 0 - 1 0	nvif restriction, s				-	-	-	-	-	-	



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution		I/O Ch	PTZ	On Edge	UPnP	Multi Stream Support	Remarks
BB-HCE481		M-JPEG	1	640x480	1-way	2/1	-	Yes	Yes	Yes	Supported by design
вв-нсм100	1.3	M-JPEG	1	640x480	1-way	2/1	-	Yes	Yes	Yes	
BB-HCM110	1.3	M-JPEG	1	640x480	1-way	2/1	Yes	Yes	Yes	Yes	
BB-HCM311		M-JPEG	1	640x480	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
BB-HCM331	1.3	M-JPEG	1	640x480	1-way	2/1	Yes	Yes	Yes	Yes	
BB-HCM371		M-JPEG	1	640x480	1-way	2/1	-	Yes	Yes	Yes	Supported by design
BB-HCM381	1.3	M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes	
BB-HCM403		M-JPEG	1	640x480	1-way	2/1	-	Yes	Yes	Yes	Supported by design
BB-HCM511	1.3	MPEG4 M-JPEG	1	640x480	1-way	2/1	Yes	Yes	Yes	Yes	
BB-HCM515	3.11R01	MPEG4 M-JPEG	1	1280x1024	1-way	2/1	-	Yes	Yes	Yes	
Note:	No audio suppor	t in M-JPEC	@ 128	0x1024.				•		•	
BB-HCM527		MPEG4 M-JPEG	1	640x480	1-way	2/1	-	Yes	Yes	Yes	Supported by design
BB-HCM531	3.51R00	MPEG4 M-JPEG	1	640x480	1-way	2/1	-	Yes	Yes	Yes	
BB-HCM547	3.60R00	MPEG4 M-JPEG	1	640x480	1-way	2/1	Yes	Yes	Yes	Yes	
Note:	The camera is te	sted by lin	k, so so	me functions c	an't be v	verified.					
BB-HCM580		MPEG4 M-JPEG	1	640x480	-	2/1	-	Yes	Yes	Yes	Supported by design
BB-HCM581	1.3	MPEG4 M-JPEG	1	640x480	1-way	2/1	Yes	Yes	Yes	Yes	
BB-HCM701	4.30R00	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/0	-	Yes	Yes	Yes	



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
BB-HCM705	4.11R01	H.264 MPEG4 M-JPEG	1	1280x960	1-way	1/0	-	Yes	Yes	Yes	
BB-HCM715		H.264 MPEG4 M-JPEG	1	1280x960	1-way	2/1	Yes	Yes	Yes	Yes	Supported by design
BB-HCM735	1.05-03 (100303-02)	H.264 MPEG4 M-JPEG	1	1280x960	1-way	2/1	Yes	Yes	Yes	Yes	
BB-HCS301		M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
BB-ST162	refer to WV- ST162(FW 1 Application: 1.81 2 Image data: 1.04)	H264 MJPEG	1	800x600	-	3/1	Yes	Yes	-	Yes	Supported by design
BB-SW172	refer to WV- ST162(FW 1 Application: 1.81 2 Image data: 1.04)	H264 MJPEG	1	800x600	-	3/1	Yes	Yes	-	Yes	Supported by design
BL-C1		M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	Supported by design
BL-C10		M-JPEG	1	640x480	-	-	Yes	Yes	Yes	Yes	Supported by design
BL-C101	3.52R00	MPEG4 M-JPEG	1	640x480	1-way	1/0	-	Yes	Yes	Yes	
BL-C111	3.10R01	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	Yes	Yes	
BL-C121	3.52R00	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
BL-C131		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	Supported by design
BL-C140	3.51R01	MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	
BL-C160	3.51R01	MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	
BL-C20		M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
BL-C210	4.31R00	H.264 MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	Yes	Yes	
BL-C230		H.264 MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	Yes	Yes	Supported by design
BL-C30		M-JPEG	1	640x480	-	-	Yes	Yes	Yes	Yes	Supported by design
BL-VP101	Application: 1.67	H264 MJPEG	1	640x480	-	-	-	Yes	-	Yes	
BL-VP104	Application: 1.67	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	
BL-VP104W	refer BL- VP104(FW Application: 1.67)	H264 MJPEG	1	1280x720	-	-	-	Yes	-	Yes	Supported by design
BL-VT164	Application: 1.81	H264 MJPEG	1	1280x720	1-way	-	Yes	Yes	-	Yes	
BL-VT164W	refer BL- VT164(FW Application: 1.81)	H264 MJPEG	1	1280x720	1-way	-	Yes	Yes	-	Yes	Supported by design
KX-HCM110		M-JPEG	1	640x480	1-way	2/1	-	Yes	Yes	Yes	Supported by design
KX- HCM280A		M-JPEG	1	640x480	-	1/1	-	Yes	Yes	Yes	Supported by design
DG-GXE100	2.02	H.264	1	720x480	-	-	*2	Yes	*2	Yes*	
DG-NF282		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	-	Supported by design
DG-NF302	1.5	MPEG4 M-JPEG	1	1280x960	1-way	-	-	Yes	-	-	Supported by design
DG-NP240		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-		Supported by design
DG-NP244		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design
DG-NP304	1.5	MPEG4 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
DG-NS202		MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
DG-NS202A	2.6	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	
DG-NS950	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
DG-NS954	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
DG-NW960	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
DG-NW964	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
DG-SC385	Refer to WV- SC385 1 Application: 1.66 2 Driver: 1.39 3 Image data: 1.09	M-JPEG MPEG4 H.264	1	1280x960	*2	*2	Yes	Yes	-	Yes	Supported by design
DG-SF132	Refer to WV- SP102(FW 1 Application: 1.81 2 Image data: 1.03)	H.264 M-JPEG	1	640x480	-	-	-	Yes	-	Yes	Supported by design
DG-SF334	1.03 1.05	H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	
Note:	Disable H.264 ar	nd MPEG4 v	will get I	MJPEG stream	playing	more smoothl	y.				
DG-SP102	Refer to WV- SP102(FW 1 Application: 1.81 2 Image data: 1.03)	H.264 M-JPEG	1	640x480	-	-	-	Yes	-	Yes	Supported by design
DG-SW155	Refer to WV-SW155/M	H.264 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution		I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks				
K-EF134L	V2.42	H.264 M-JPEG	1	1280x960	-	-	-	Yes	Yes	Yes*					
Note:	1. The bit-rate vieweb of the device 2. Video parame 3. When format 4. UPnP search fi	e) while se ter setting is MJPEG, a	tting. (Nand rota and reso	NUUO Server libate function ma ource is too mu	mitation ay result) t in failure by	Day/Nig	ght profile. (Camera	Firmware	issue)				
K-EW114L	2.420.PS00.0.T, build:2014-09- 19	H.264 M-JPEG	1	1280x960	-	-	-	Yes	*2	Yes*					
Note:	 The bit-rate vieweb of the device Video parame When format The bitrate rate 	e) while se ter setting is MJPEG, a	tting. (Nand rota and reso	NUUO Server libate function ma ource is too mu	mitation ay resuli ich, the) t in failure by image is not c	Day/Niç	ght profile. (e. (Camera _l	Camera perform	Firmware ance limita	issue) ition)				
WJ-GXE500	1.03	H.264 MPEG4 M-JPEG	4	720x480	1-way	-	-	Yes	-	Yes					
Note:															
WJ-NT304	1.04	M-JPEG	4	640x480	-	-	Yes	-	-	Yes					
WJ-NT314		M-JPEG	4	640x480	1-way	-	Yes	-	-	Yes	Supported by design				
WV-NF284		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design				
WV-NF302	1.40E4_1.06	MPEG4 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes					
WV-NM100		MPEG4 M-JPEG	1	640x480	-	-	Yes	-	-	Yes	Supported by design				
WV-NP1000		M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	Supported by design				
WV-NP1004	1.21	M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes					
WV-NP240		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design				
WV-NP244		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	-	Yes	Supported by design				



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
WV-NP304	1.50E5_1.06	MPEG4 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	
WV-NP472		M-JPEG	1	640x480	-	-	-	Yes	-	Yes	Supported by design
WV-NP502	1.00	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	-	-	Yes	-	Yes	
WV-NS202		MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
WV-NS202A	2.6	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
WV-NS324		M-JPEG	1	640x480	-	-	Yes	Yes	-	Yes	Supported by design
WV-NS950	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design
WV-NS954	1.06E0	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	
Note:	Audio is abnorm	al in MPEG	4 format	t.							
WV-SC384	1.46	H.264 MPEG4 M-JPEG	1	1280x960	1-way	0~3/0~1	Yes	Yes	-	Yes	Supported by design
WV-SC385	Application: 2.10 Driver: 1.54	H.264	1	1280x960	1-way	3/1	Yes*	Yes	Yes	Yes*	
Note:	Brightness va Bit Rate Contr The flip status	ol (Transm	nission p	riority) only su	ipport C	onstant bit ra			JUO ser	ver limitati	on)
WV-SC386	1 Application: 1.44 2 Driver: 1.12 3 Image data: 1.05	M-JPEG MPEG4 H.264	1	1280x960	1-way	0~3/0~1	Yes	Yes	-	Yes	
WV-SF132	Refer to WV- SP102(FW 1 Application: 1.81 2 Image data: 1.03)	H.264 M-JPEG	1	640x480	-	-	-	Yes	-	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

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Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks	
WV-SF135	Refer to WV-SW155/M	H.264 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	Supported by design	
WV-SF332		H.264 MPEG4 M-JPEG	1	1280x960	1-way	0~1/0~1	Yes	Yes	-	Yes	Supported by design	
WV-SF335		H.264 MPEG4 M-JPEG	1	1280x960	1-way	0~1/0~1	Yes	Yes	-	Yes	Supported by design	
Note:	WV-SF355 includ	de WV-SF3	35E									
WV-SF336	1.05	H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	Yes		
Note:	Motion detection	works abr	ormally	when "face de	etection"	function is er	nabled.					
WV-SF342	Refer to WV-SF332	H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	Yes	Supported by design	
WV-SF346	Refer to WV-SF336	H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	Yes	Supported by design	
WV-SF438	1 Application: 1.04 2 Image data:	H264 MJPEG	1	2048x1536	1-way	3/1	-	Yes	-	Yes		
Note:	Fisheye camera											
WV-SF539	1 Application: 1.60 2 Image data: 2.34	H.264	1	1920x1080	*2	*2	-	Yes	*2	Yes*		
Note:	1. Brightness va 2. We tested on following link list https://docs.goo 3. The 2nd strea	camera we s some iss gle.com/sp	eb with t us: oreadshe	the following parets/d/1Ri44tF	aramete ID29DK	rs, and found Yhf-s6VQhDIn	nfYycbL\	V8nuhpASVI	ksw/edi	t#gid=0		
WV-SFN310	1.71	H.264	1	1280x960	1-way	3/1	-	Yes	-	Yes*		
Note:	1. Setting higher bitrate may be fail (Camera firmware issue) 2. When 60fps mode, H.264(1) bitrate cannot be set less than 1024 (Camera firmware issue) 3. No Audio when audio codec is AAC (NUUO server limitation) 4. Bitrate list range is not synchronize with web(Camera firmware issue) 5.MJPEG framerate is affected by h264 stream. If h264 stream(1 or 2) open, MJPEG support 5 fps the most. (Camera performance limitation) 6.Brightness value may not sync with web. (Camera firmware issue) 7.Motion event snapthot resolution sync with stream3 instead of stream1. (Camera firmware issue)											
WV- SFN310J	Refer to WV- SFN310(1.71)	H.264	1	1280x960	1-way	3/1	-	Yes	-	Yes*	Supported by design	



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

		1.0	<u> </u>	stick support	10 0011	101112 3000	1	Jotai		Multi				
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Stream Support	Remarks			
WV-SFN311	Refer to WV- SFN310(1.71)	H.264	1	1280x960	1-way	3/1	-	Yes	-	Yes*	Supported by design			
WV-SFV481	1.12	H.264	1	2992x2992	1-way	3/1	-	Yes	Yes	Yes*				
Note:	1. Brightness Va 2. Audio out 16K 3. Digital in and 4. Camera may I 5. The range of I 6. The bit-rate & from the web of													
WV- SFV611L	Refer to WV- SFV631L(V1.83)	H.264	1	2048x1536	*2	*2	-	Yes	*2	Yes*	Supported by design			
WV- SFV631L	1.83	H.264	1	2048x1536	*2	*2	-	Yes	*2	Yes*				
Note:	 Zoom & focus Brightness val 	. The bitrate list doesn't match the camera web.(Camera Firmware issue) . Zoom & focus can't be used.(Camera Firmware issue) . Brightness valus may not sync with web.(Camera Firmware issue) . Bit Rate Control (Transmission priority) only support Constant bit rate & Frmae rate.(NUUO server limitation)												
WV- SFV631LT	Refer to WV- SFV631L(V1.83)	H.264	1	2048x1536	*2	*2	-	Yes	*2	Yes*	Supported by design			
WV-SP102	1 Application: 1.81 2 Image data:	H.264 M-JPEG	1	640x480	-	-	-	Yes	-	Yes	Tested by link			
WV-SP105	1 Application: 1.61 2 Image data: 2.01	H.264 M-JPEG	1	1280x960	-	-	-	Yes	-	Yes				
WV-SP302		H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	Yes	Supported by design			
			I					l			Supported by			
WV-SP305		H.264 MPEG4 M-JPEG H.264	1	1280x960	1-way	-	Yes	Yes	-	Yes	design			

Motion detection works abnormally when "face detection" function is enabled.



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution		I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
WV-SP508	1Application: 1.05 2 Image data: 2.05	MJPEG H264	1	2048x1536	-	0~1/0~1	-	Yes	-	Yes	Tested by link
WV-SP509	1Application: 1.07 2 Image data: 2.11	MJPEG H264	1	2048x1536	1-way	0~3/0~1	-	Yes	-	Yes	
WV-SPN311	V1.71	H.264	1	1280x720	1-way	3/1	-	Yes	Yes	Yes*	
WV-SPN631	Refer to WV- SFV631L(V1.83)	H.264	1	2048x1536	*2	*2	-	Yes	*2	Yes*	Supported by design
WV- SPW631L	Refer to WV- SFV631L(V1.83)	H.264	1	2048x1536	*2	*2	-	Yes	*2	Yes*	Supported by design
WV-ST162	1 Application: 1.81 2 Image data: 1.04	H264 MJPEG	1	800x600	-	3/1	Yes	Yes	-	Yes	Tested by link
WV-ST165	1Application: 1.44 2 Image data: 1.03	MJPEG H264	1	1280x960	1-way	0~3/0~1	Yes	Yes	-	Yes	Tested by link
Note	Enable "VMD add	lition infor	mation"	on camera we	b and re	boot to obtair	n Morior	Detection	Info		
WV-SW152	Refer to WV-SW155	H.264 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	Supported by design
WV-SW155	2.02	H.264	1	1280x720	-	*2	-	Yes	*2	Yes*	
Note:	Brightness value	may not s	sync with	n web. (Camera	a Firmwa	are issue)					
WV- SW155/M	1.03	H.264 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	
WV-SW158	1.07	M-JPEG	1	2048x1536	1-way	-	-	Yes	Yes	Yes*	
Note:	1. Mirror is not s 2. It may have c					era firmware	issue)	-		•	



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

		re	s:: Joy	Stick support	to com	TOIPIZ Spec	ea in Ci	ystai				
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks	
WV-SW172	refer to WV- ST162(FW1 Application: 1.81 2 Image data: 1.04)	H264 MJPEG	1	800x600	-	3/1	Yes	Yes	-	Yes	Supported by design	
WV- SW174W	1.81	MJPEG H264	1	1280x960	1-way	3/1	Yes	Yes	Yes	Yes		
Note:	WV-SW174W Ca MJPEG framerate			4 stream. If h2	264 strea	am(1 or 2) op	oen, MJP	EG support	5 fps th	e most.		
WV-SW175	Refer to ST165	MJPEG H264	1	1280x960	1-way	0~3/0~1	Yes	Yes	-	Yes	Supported by design	
WV-SW314	Refer to SW316/L	MJPEG H264	1	1280x960	-	-	-	Yes	-	Yes	Supported by design	
WV- SW316/L	1Application: 1.46 2 Image data: 1.04	MJPEG H264	1	1280x960	1-way	0~1/0~1	-	Yes	-	Yes	Tested by link	
Note:	WV-SW316/L inc	lude WV-S	W316				•		•	•		
WV-SW352	Refer to WV-SW352	H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	-	Yes	-	Yes	Supported by design	
WV-SW355	1.41	H.264 MPEG4 M-JPEG	1	1280x960	1-way	0~1/0~1	-	Yes	-	Yes		
WV-SW395	Refer to WV- SC385(Applicati on: 1.01,	H.264 MPEG4 M-JPEG	1	1280x960	1-way	-	Yes	Yes	-	Yes	Supported by design	
WV-SW396	1.44	M-JPEG MPEG4 H.264	1	1280x960	1-way	0~3/0~1	Yes	Yes	-	Yes		
Note:	WV-SW396 supp	ort continu	uous PTZ	7								
WV-SW458	V1.60	H.264	1	1920x1080	1-way	3/1	-	Yes	Yes	Yes*		
Note:	Fishey camera with manual calibration in Crystal 1. G726/16Kbps has noise. (NUUO server limitation) 2. Brightness value may not sync with web.(Camera Firmware issue) 3. MountType and DispalyMode UI only support English. (NUUO server limitation) 4. Camera is unable to achieve maximum FPS. (Camera performance limitation) 5. Setting higher bitrate may be fail (Cammera Firmware issue) 6. Motion event snapthot resolution may not sync with current stream (NUUO server limitation)											
WV-SW558	Refer to SP509	MJPEG H264	1	2048x1536	-	0~3/0~1	-	Yes	-	Yes	Supported by design	



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format		Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks		
WV-SW558	Refer to SP509	MJPEG H264	1	2048x1536	1-way	0~3/0~1	1	Yes	-	Yes	Supported by design		
WV-SW598	2.07	H.264	1	1920x1080	*2	*2	Yes*	Yes	*2	Yes*			
Note:	1. Brightness value may not sync with web.(Camera Firmware issue) 2. The flip status on camera web is opposite to server.(Camera Firmware issue) 3.The move function can not make live view to center. (Camera Firmware issue)												
WV-NW484	1.10ED	MPEG4 M-JPEG	1	640x480	-	-	-	Yes	-	Yes			
WV- NW502S	1.00	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	-	1	Yes	-	Yes			
WV-NW960	1.5	MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design		
WV-NW964		MPEG4 M-JPEG	1	640x480	1-way	-	Yes	Yes	-	Yes	Supported by design		



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I / O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks			
D5118	Software Version: 1.6.13.9310- A1.4657 Hardware Version: 9310-A1.1- 10345	H264 JPEG	1	1280x960	-	-	Yes	-	-	Yes				
Note:	Do not suppor	t to "clear	all" pre	set points.										
D5220	1.8.3.8- 20121119.93 20-A1.8614	H264 JPEG	1	1920x1080	*1	*1	Yes	*1	-	Yes				
Note:	 fps would n Need turn o 	O-A1.8614 D5220 preset point name can't be changed, and would not sync with camera's web. fps would not reach its setting when resolution or quality is high. Need turn off second profile on web then parameter setting can be changed normally. D5220 would cause Mainconsole unstable when changing protocol. (UDP->HTTP, HTTP->UDP)												
IBPS110-ER	3N19-A1.1- H.264 40123 MJPEG 1 800x600 *2 *2 Yes *2 - Yes*													
Note:				irmware issue) bitrate and qu		nnot be	set. (Ca	amera Firmv	vare issu	ıe)				
IL10	1.8.2.4.8310 -03.9119	H264 JPEG	1	1280x720	-	-	-	*1	-	Yes				
Note:	1. fps would n	ot reach it	s settino	g when resoluti	ion or q	uality is	high.	•	•					
IM10	1.8.2.18- 20121109- 1.8272- 01.8503	H264 JPEG	1	1280x960	*1	-	Yes	*1	-	Yes				
Note:	 fps would not reach its setting when resolution or quality is high. Disable second profile on web then parameter setting can be changed normally. 													
IMPS110-1	03.29.37	H.264 MJPEG	1	800x600	*2	*2	Yes	*2	*2	Yse*				
Note:		03.0037												



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks			
PBY-Hi82	VH1.0.0.3_Y	H.264 MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	Yes*	Support by design			
Note:	2. Stream 1 performance	annot achie cannot achi limitation) n list and bi	eve maxim	m FPS with M. um FPS when es not synchro are issue)	stream 2 c	onnect with	MJPEG and	d high resol		-				
PBY-H7982	VH1.0.0.3_Y	H.264 MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	Yes*	Support by design			
Note:	2. Stream 1 performance	annot achie cannot achi limitation) n list and bi noise. (Car	eve maxim	m FPS with Ma um FPS when es not synchro are issue)	stream 2 o	onnect with	MJPEG and	d high resol		•	. (Camera			
PBY-H7A82	VH1.0.0.3_Y	H.264 MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	Yes*	Support by design			
Note:	2. Stream 1 performance	cannot achi limitation) n list and bit noise. (Car	eve maxim	m FPS with M. um FPS when es not synchro are issue)	stream 2 c	onnect with	MJPEG and	d high resol		-				
PBY-H7B82	VH1.0.0.3_Y	H.264 MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	Yes*	Support by design			
Note:	 Stream 1 performance Resolution 	Camera cannot achieve maximum FPS with MJPEG and high resolution. (Camera performance limitation) Stream 1 cannot achieve maximum FPS when stream 2 connect with MJPEG and high resolution in the same time. (Camera performance limitation) Resolution list and bitrate list does not synchronize with web. (Camera Firmware issue) Audio has noise. (Camera Firmware issue)												
PBY-H7B82M	VH1.0.0.3_Y	H.264 MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	Yes*	Support by design			
Note:	2. Stream 1 performance	cannot achi limitation) n list and bi	eve maxim	m FPS with Moum FPS when es not synchroare issue)	stream 2 o	onnect with	MJPEG and	d high resol		•	. (Camera			
PBY-H79882	VH1.0.0.3_Y	H.264 MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	Yes*	Support by design			
Note:	Stream 1 performance	annot achie cannot achi limitation) n list and bi	eve maxim	m FPS with Ma um FPS when es not synchro are issue)	stream 2 c	onnect with	MJPEG and	d high resol						
PBY-H7B882	VH1.0.0.3_Y	H.264 MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	Yes*	Support by design			
Note:	2. Stream 1 performance	cannot achi limitation) n list and bi	eve maxim	m FPS with Moum FPS when es not synchroare issue)	stream 2 c	onnect with	MJPEG and	d high resol			. (Camera			
PBY-HL882	VH1.0.0.3_Y	H.264 MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	Yes*	Support by design			
Note:	Stream 1 performance	annot achie cannot achi limitation)	eve maxim	n FPS with M. um FPS when es not synchro	stream 2 c	onnect with	MJPEG and	d high resol						

PBY-H7982M												
	VH1.0.0.3_Y	H.264 MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	Yes*	Support by design	
Note:	2. Stream 1 performance	cannot achi limitation) n list and bi	ieve maximi trate list do	m FPS with MJ um FPS when es not synchro are issue)	stream 2 co	onnect with	MJPEG and	l high resol			e. (Camera	
PBY-HB26A	VE1.0.20.10 _Y	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design	
Note:	 Stream 1 performance Resolution Audio has 	cannot achi limitation) n list and bi noise. (Car	ieve maximi trate list do	m FPS with MJ um FPS when es not synchro are issue)	stream 2 co	onnect with	MJPEG and	high resolu				
PBY-HH26A	VE1.0.20.10 _Y	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design	
Note:	2. Stream 1 performance	cannot achi limitation) n list and bi	ieve maximi trate list do	m FPS with MJ um FPS when es not synchro are issue)	stream 2 co	onnect with	MJPEG and	high resolu			e. (Camera	
РВҮ-Н7А26А	VE1.0.20.10 _Y	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design	
Note:	2. Stream 1 performance	cannot achi limitation) n list and bi	ieve maximi trate list do	m FPS with MJ um FPS when es not synchro are issue)	stream 2 co	onnect with	MJPEG and	high resolu			e. (Camera	
PBY-Hi82M	VH1.0.0.3_Y	H.264 MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	Yes*	Support by design	
Note:	 Stream 1 performance Resolution Audio has 	cannot achi limitation) n list and bi noise. (Car	ieve maximi trate list do	m FPS with MJ um FPS when es not synchro are issue)	stream 2 co	onnect with	MJPEG and	high resolu				
PBY-Hi882	VH1.0.0.3_Y		1	2688x1520	1-way	1/1	-	Yes	Yes	Yes*	Support by design	
Note:	2. Stream 1 performance	cannot achi limitation) n list and bi noise. (Car	ieve maximi trate list do	m FPS with MJ um FPS when es not synchro are issue)	stream 2 co	onnect with	MJPEG and	l high resol		same time	e. (Camera	
PBY-HK26A	_Y	MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	by design	
Note:	2. Stream 1 performance	cannot achi limitation) n list and bi	ieve maximi trate list do	m FPS with MJ um FPS when es not synchro are issue)	stream 2 co	onnect with	MJPEG and	l high resol			e. (Camera	
PBY-HK855	VE1.0.20.10 _Y	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design	
Note:	 Camera cannot achieve maximum FPS with MJPEG and high resolution. (Camera performance limitation) Stream 1 cannot achieve maximum FPS when stream 2 connect with MJPEG and high resolution in the same time. (Camera performance limitation) Resolution list and bitrate list does not synchronize with web. (Camera Firmware issue) Audio has noise. (Camera Firmware issue) 											
	VE1.0.20.10 _Y		1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design	
PBY-HL26A	I I 1 1920x1080 I 1-way I 1/1 I - I Yes I Yes I Yes I '' I											
PBY-HL26A Note:	 Stream 1 performance Resolution 	annot achie cannot achi limitation) n list and bi	ieve maximi trate list do	um FPS when es not synchro	stream 2 co	onnect with	MJPEG and	high resolu			e. (Camera	

Note:	1. Camera cannot ac 2. Stream 1 cannot a performance limitatic 3. Resolution list and 4. Audio has noise. (achieve maxim on) I bitrate list do	es not synchro	stream 2 c	onnect with	MJPEG and	high resolu			e. (Camera				
PBY-HL82	VH1.0.0.3_Y H.264 MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	Yes*	Support by design				
Note:	1. Camera cannot ac 2. Stream 1 cannot a performance limitatio 3. Resolution list and 4. Audio has noise. (achieve maxim on) I bitrate list do	es not synchro	stream 2 c	onnect with	MJPEG and	high resolu			e. (Camera				
PBY-HL882	VH1.0.0.3_Y H.264 MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	Yes*	Support by design				
Note:	 Camera cannot ac Stream 1 cannot ac performance limitation Resolution list and Audio has noise. 	achieve maxim on) I bitrate list do	es not synchro	stream 2 c	onnect with	MJPEG and	high resolu		•					
PBY-HMi855	VE1.0.20.10 H.264 _Y MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design				
Note:	1. Camera cannot ac 2. Stream 1 cannot a performance limitatic 3. Resolution list and 4. Audio has noise. (VE1.0.20.10 H.264	achieve maxim on) I bitrate list do	um FPS when bes not synchro vare issue)	stream 2 c	onnect with	MJPEG and	high resolu		same time	e. (Camera				
PBY-HNi855	_Y MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	by design				
Note:	 Stream 1 cannot a performance limitation Resolution list and 	_Y MJPEG												
PBY-HP82	VH1.0.0.3_Y H.264 MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	Yes*	Support by design				
Note:	1. Camera cannot ac 2. Stream 1 cannot a performance limitatio 3. Resolution list and 4. Audio has noise. (achieve maxim on) I bitrate list do	es not synchro	stream 2 c	onnect with	MJPEG and	high resolu			e. (Camera				
PBY-HQ26A	VE1.0.20.10 H.264 _Y MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design				
Note:	1. Camera cannot ac 2. Stream 1 cannot a performance limitatic 3. Resolution list and 4. Audio has noise. (achieve maxim on) I bitrate list do	es not synchro	stream 2 c	onnect with	MJPEG and	high resolu		•					
PBY-HQ855	VE1.0.20.10 H.264 _Y MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design				
Note:	Camera cannot ac Stream 1 cannot a performance limitatio Resolution list and Audio has noise. (achieve maxim on) I bitrate list do	es not synchro	stream 2 c	onnect with	MJPEG and	high resolu		-					
PBY-HS26A	VE1.0.20.10 H.264 _Y MJPEG	1	1920x1080	1-way	1/1		Yes	Yes	Yes*	Support by design				
Note:	1. Camera cannot ac 2. Stream 1 cannot a performance limitatic 3. Resolution list and 4. Audio has noise. (achieve maxim on) I bitrate list do	es not synchro	stream 2 c	onnect with	MJPEG and	high resolu							
PBY-HS855	VE1.0.20.10 H.264 Y MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design				
Note:	1. Camera cannot ac 2. Stream 1 cannot a performance limitatic 3. Resolution list and 4. Audio has noise. (achieve maxim on) I bitrate list do	es not synchro	stream 2 c	onnect with	MJPEG and	d high resolu							

PBY-HV26A	VE1.0.20.10 H.264 _Y MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design
Note:	 Camera cannot achie Stream 1 cannot ach performance limitation) Resolution list and bi Audio has noise. (Cal 	ieve maxim trate list do	um FPS when es not synchro	stream 2 co	onnect with	MJPEG and	l high resoli		•	e. (Camera
PBY-H626A	VE1.0.20.10 H.264 Y MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design
Note:	Stream2 cannot achie Audio codec only can Upnp will find wrong	choose G7	11. (Camera F	irmware iss		simultaneou	sly. (Camer	ra performa	I Ince limitat	•
PBY-H7926AM	VE1.0.20.10 H.264 _Y MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design
Note:	1. Stream2 cannot achi 2. Audio codec only can 3. Upnp will find wrong	choose G7	11. (Camera F	irmware iss		simultaneou	sly. (Camer	ra performa	ince limitat	
PBY-H7A855	VE1.0.20.10 H.264 _Y MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design
Note:	Stream2 cannot achie Audio codec only can Upnp will find wrong	choose G7	11. (Camera F	irmware iss		simultaneou	sly. (Camer	a performa	ince limitat	ion)
PBY-HB855	VE1.0.20.10 H.264 _Y MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design
Note:	Stream2 cannot achie Audio codec only can Upnp will find wrong	choose G7	11. (Camera F	irmware iss		simultaneou	sly. (Camer	a performa	ince limitat	ion)
PBY-HC26A	VE1.0.20.10 H.264 _Y MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design
Note:	Stream2 cannot achical cannot a	choose G7	11. (Camera F	irmware iss		simultaneou	sly. (Camer	ra performa	ince limitat	ion)
PBY-HC855	VE1.0.20.10 H.264 _Y MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design
Note:	Stream2 cannot achical cannot a	choose G7	11. (Camera F	irmware iss		simultaneou	sly. (Camer	ra performa	ince limitat	ion)
PBY-HD26A	VE1.0.20.10 H.264 _Y MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design
Note:	Stream2 cannot achical Audio codec only can Upnp will find wrong	choose G7	11. (Camera F	irmware iss		simultaneou	sly. (Camer	ra performa	ince limitat	ion)
PBY-HD855	VE1.0.20.10 H.264 _Y MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design
Note:	Stream2 cannot achical codec only can Upnp will find wrong	choose G7	11. (Camera F	irmware iss		simultaneou	sly. (Camer	ra performa	ince limitat	ion)
PBY-HH855	VE1.0.20.10 H.264 _Y MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design
Note:	Stream2 cannot achi Audio codec only can Upnp will find wrong	choose G7	11. (Camera F	irmware iss		simultaneou	sly. (Camer	- ra performa	ince limitat	ion)
PBY-Hi26A	VE1.0.20.10 H.264 _Y MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design
Note:	Stream2 cannot achie Audio codec only can Upnp will find wrong	choose G7	11. (Camera F	irmware iss		simultaneou	sly. (Camer	ra performa	ince limitat	ion)
PBY-Hi26AM	VE1.0.20.10 H.264 _Y MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design
										,gii

Note:	Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation) Audio codec only can choose G711. (Camera Firmware issue) Upnp will find wrong model. (Camera Firmware issue)												
РВҮ-НК26А	VE1.0.20.10 _Y	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design		
Note:	2. Audio code	ec only can	choose G71	n FPS with cor 11. (Camera F mera Firmware	irmware iss		simultaneou	sly. (Camer	a performa	nce limita [.]	tion)		
PBY-HK855	VE1.0.20.10 _Y	0.10 H.264 MJPEG 1 1920x1080 1-way 1/1 - Yes Yes Yes* Support by design											
Note:	2. Audio code	Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation) Audio codec only can choose G711. (Camera Firmware issue) Upnp will find wrong model. (Camera Firmware issue)											
PBY-HL26A	VE1.0.20.10 _Y	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design		
Note:	1. Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation) 2. Audio codec only can choose G711. (Camera Firmware issue) 3. Upnp will find wrong model. (Camera Firmware issue)												
PBY-HL26AM	VE1.0.20.10 _Y	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design		
Note:	 Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation) Audio codec only can choose G711. (Camera Firmware issue) Upnp will find wrong model. (Camera Firmware issue) 												

PBY-HMi855	VE1.0.20.10 _Y	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design			
Note:	2. Audio cod	ec only can	choose G7	n FPS with cor 11. (Camera F mera Firmwar	irmware iss		simultaneou	sly. (Camer	a performa	nce limita	tion)			
PBY-HNi855	VE1.0.20.10 _Y	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design			
Note:	2. Audio cod	ec only can	choose G7	n FPS with cor 11. (Camera F mera Firmwar	irmware iss		simultaneou	sly. (Camer	a performa	nce limita	tion)			
PBY-HQ26A	VE1.0.20.10 _Y	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design			
Note:	2. Audio cod	ec only can	choose G7	n FPS with cor 11. (Camera F mera Firmwar	irmware iss		simultaneou	sly. (Camer	a performa	nce limita	tion)			
PBY-HQ855	VE1.0.20.10 _Y	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design			
Note:	2. Audio cod	Y MJPEG by design Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation) Audio codec only can choose G711. (Camera Firmware issue) Upnp will find wrong model. (Camera Firmware issue)												
PBY-HS26A	VE1.0.20.10 _Y	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design			
Note:	2. Audio cod	ec only can	choose G7	n FPS with cor 11. (Camera F mera Firmwar	irmware iss		simultaneou	sly. (Camer	a performa	nce limita [.]	tion)			
PBY-HS855	VE1.0.20.10 _Y	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design			
Note:	 Stream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation) Audio codec only can choose G711. (Camera Firmware issue) Upnp will find wrong model. (Camera Firmware issue) 													
PBY-HV26A	VE1.0.20.10 _Y	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Support by design			
Note:	2. Audio cod	tream2 cannot achieve maimum FPS with connecting two streams simultaneously. (Camera performance limitation) udio codec only can choose G711. (Camera Firmware issue) pnp will find wrong model. (Camera Firmware issue)												



: not avaliable on camera*1: not avaliable on software*2: not test on softwareFor multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
DAI- 310IPEH04	3.4.2	H.264	1	2048x1536	-	1	-	*2	*2	Yes*	
Note:	 Bitrate & fir Quality nan 	ange CBR/V rmware list ne can not s	BR. (Camer can not syr synchronize	e issue) ra Firmware issu achronize with w with web. (Car t be used. (Carr	veb. (Camei nera Firmw	are issue)	e issue)				
DAI- 310IPEHVF	Refer to DAI- 310IPEH04(3 .4.2)	H.264	1	2048x1536	-	ı	-	*2	*2	Yes*	Support by design
DI- 310IPEHVF	Refer to DAI- 310IPEH04(3 .4.2)	H.264	1	2048x1536	-	1	-	*2	*2	Yes*	Support by design
13- 3101PEH04	Refer to DAI- 310IPEH04(3 .4.2)	H.264	1	2048x1536	-	-	-	*2	*2	Yes*	Support by design
14- 3101PEHVF	Refer to DAI- 310IPEH04(3 .4.2)	H.264	1	2048x1536	-	-	-	*2	*2	Yes*	Support by design



: not avaliable on camera*1: not avaliable on software*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device	Tested	Video	Video	Max		1/0		On-Edge		Multi Stream	
				Resolution	Audio	Ch	PTZ	Motion	UPnP	Support	Remarks
	v1.8.0601.10 01.110.0.36. 1.0	H.264 MJPEG	1	2592x1944	1-way	1/1	Yes	Yes	-	Yes*	
Note:	1. Audio in wit 2. Home funct 3. The stream 4. Due to Onv	ion are not ing has bro	support	ed. (Camera fi	rmware mat.(Car	issue) nera firr	nware is	ssue)	rforman	ce limitation)	



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

		,	Yes*: J	oystick suppor	t to contro	ol PTZ sp	eed ir	n Crystal			
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	Camera Search Tool	Multi Stream Support	Remarks
SNB-1000	v1.07_11040 7	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/1	1	Yes	-	Yes	
Note:	This is POE ca	mera, but	the dev	ice is unstable v	vithout AC p	oower cor	nnectio	n. We sugg	jest conne	cting with A	C power.
Note:	I/O and MD is discontinued.	unstable,	which is	s a known issue	reported by	/ Samsun	g. The	y won't do	any chang	e since the	camera is
SNB-1001	1.00_111226	H.264 M-JPEG	1	640x480	1-way	1/0	-	Yes	-	Yes	Test by link
SNB-2000		H.264 MPEG4 M-JPEG	1	720x576	-	2/2	-	-	-	-	Supported by design
SNB-3000		H.264 MPEG4 M-JPEG	1	720x576	1-way	2/2	ı	-	-	-	Supported by design
SNB-3002	refer to SND- 3082/F (FW 2.10_130416	H.264 MPEG4 M-JPEG	1	704x576(PAL) 704x480(NTS C)	1-way	1/1	-	Yes	Yes	yes	Supported by design
SNB-5000	v1.33_11021 8	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	1	Yes	-	Yes	
SNB-5000A	refer to SND5080 (FW 3.10_130416)	H.264 MPEG4	1	1280x1024	1-way	1/1	,	Yes	Yes	-	Supported by design
SNB-5001	1.00_120521	H.264 M-JPEG	1	1280x1024	-	1/0	ı	Yes	-	Yes	
SNB-5003	1.12_131031	H.264 M-JPEG	1	1280x1024	*2	*2	*2	Yes	-	Yes	Test by link
SNB-5004	1.12_131031	H.264 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	-	Yes	
note:	Camera ca Before sta default value	an support arting "talk 5.	128 pre ", we do	5083, SND-508 eset points, but check that the ting in the webs	we are only talk's gain	/ support is greate	than	zero. If it is	s 0, we are		
SNB-6003	refer to SND- 6083(FW 1.00_130412)	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
SNB-6004	Refer to SND- 6084(SNV- 6084R- V3.01_14080 4)	H264 MJPEG	1	1920x1080	*2	*2	Yes	Yes	*2	Yes*	Supported by design
SND-6011R	1.11_131011	H.264 M-JPEG	1	1920x1080	-	*2	-	Yes	-	Yes*	



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	Camera Search Tool	Multi Stream Support	Remarks
SNB-7000	Refer to SND-7080	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	-	Yes	Supported by design
SNB-7001	Refer to SND-7011	H.264 M-JPEG	1	2048x1536	-	1/0	-	Yes	-	Yes	Supported by design
SNB-7002	1.06_130402	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	
note:	Sometimes ca	n't get cor	rect UI	setting because	camera res	ponse tir	ne too	long.			
SNC-B2315	2.01	MPEG4 M-JPEG	1	720x576	1-way	2/2	-	Yes	-	-	
SNC-B2331	v1.00_09081 0	H.264 MPEG4 M-JPEG	1	720x576	-	2/2	-	Yes	-	-	
SNC-B2335	v1.10_10012 9	H.264 MPEG4 M-JPEG	1	720x576	1-way	2/2	-	Yes	-	-	
SNC-B5368	v1.00_09100 1	H.264 MPEG4 M-JPEG	1	720x576	-	2/2	-	Yes	-	-	
SNC-B5395	2.10	MPEG4 M-JPEG	1	720x576	1-way	2/2	-	Yes	-	-	
SNC-B5399	v1.10_09112 0	H.264 MPEG4 M-JPEG	1	720x576	1-way	2/2	-	Yes	-	-	
SNC-C6225	1.01	MPEG4 M-JPEG	1	720x576	1-way	2/1	Yes	Yes	-	-	
SNC-C7225	1.01	MPEG4 M-JPEG	1	720x576	1-way	2/1	Yes	Yes	-	-	Supported by design
SNC-C7478	v1.01_09062 5	MPEG4 M-JPEG	1	720x576	1-way	8/4	Yes	Yes	-	-	
SNC-M300	v2.11_09072 9	M-JPEG	1	2048x1536	1-way	2/2	-	Yes	-	-	
SND-1010	v1.07_11040 7	H.264 MPEG4 M-JPEG	1	640x480	-	1/1	-	Yes	-	Yes	
Note:	This is POE ca	mera, but	the dev	ice is unstable v	vithout AC p	oower cor	nnectio	n. We sugg	est conne	cting with A	C power.
Note:	I/O and MD is discontinued.	unstable,	which is	a known issue	reported by	/ Samsun	ig. The	y won't do	any chang	e since the	camera is
SND-1011	1.00_111226	H.264 M-JPEG	1	640x480	-	1/0	-	Yes	-	Yes	Test by link
SND-1080	1.00_111226	H.264 M-JPEG	1	640x480	1-way	1/0	-	Yes	-	Yes	Test by link
SND-3080		H.264 MPEG4 M-JPEG	1	720x576	-	2/2	-	-	-	-	Supported by design
SND-3082	Refer to SND- 3082/F(2.10 _130416)	H.264 MPEG4 M-JPEG	1	704x576(PAL) 704x480(NTS C)	1-way	1/1	-	Yes	Yes	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video	Max Resolution		1/0 Ch		On-Edge Motion	Camera Search Tool	Multi Stream Support	Remarks
SND- 3082/F	2.10_130416	H.264 MPEG4 M-JPEG	1	704x576(PAL) 704x480(NTS C)	1-way	1/1	-	Yes	Yes	Yes	
SND-5010	1.00_120626	H.264 M-JPEG	1	1280*1024	-	0/0	-	Yes	-	Yes	
SND-5011	1.00_120521	H.264 M-JPEG	1	1280x1024	-	1/0	-	Yes	-	Yes	
SND-5061	1.00_120521	H.264 M-JPEG	1	1280x1024	-	1/0	-	Yes	-	Yes	
SND-5080	3.10_130416	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	
SND-5083	1.12_131031 refer to SNB- 5003	H.264 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	-	Yes	
SND-5084	1.12_131031 refer to SNB- 5004	H.264 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	-	Yes	
SND-6083	1.00_130412	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
SND-6084	SNV-6084R- V3.01_14080 4	H264 MJPEG	1	1920x1080	*2	*2	Yes	*2	*2	Yes*	
Note:	1. The camera	a with high	er qualit	ty and resolution	n is unable t	o achiev	e 30 fp	s (Camera	performar	nce issue)	
SND-6084R	1.00_130316 refer to SNB- 6004	H264 MJPEG	1	1920x1080	*2	*2	Yes	*2	-	Yes	Supported by design
SND-7011	1.00_120601	H.264 M-JPEG	1	2048x1536	-	1/0	-	Yes	-	Yes	
Note:	Sometimes ca	n't get cor	rect UI	setting because	camera res	ponse tir	ne too	long.			
SND-7061	Refer to SND-7011	H.264 M-JPEG	1	2048x1536	-	1/1	-	Yes	-	Yes	Supported by design
SND-7080	v1.10_11081 9	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	-	Yes	
SND-7082	1.00_120824	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes		Yes	
SND- 7082/F	2)	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	
Note:		n't get cor	rect UI:	setting because	camera res	ponse tir	ne too	long.	1	T	
SND-7084	Refer to SND- 7084R(0.51_ 140116)	H.264	1	2048x1536	1-way	1/1	-	Yes	-	Yes*	Supported by design
SND-7084R	0.51_140116	H.264	1	2048x1536	1-way	1/1	-	Yes	-	Yes*	
Note:	•	resolution	will follo	w MJPEG strear	n. (Camera	Firmware	e issue)			
SND- L6013R	Refer to SNO-L6083R (1.00_15040 3)		1	1920x1080	*2(1-way)	-	-	*2(Yes)	-	Yes*	Supported by design



M-JPEG

- : not avaliable on camera

*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Ves*: loystick support to control PTZ speed in Crystal

		,	Yes*: J	oystick suppo	rt to contro	ol PTZ sp	peed i	n Crystal						
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	Camera Search Tool	Multi Stream Support	Remarks			
SNF-7010	1.00_130806	H264 MJPEG	1	2048x1536	1-way	-	-	Yes	-	Yes				
Note:	Fisheye came	ra .						•	1		-			
SNF-8010N	1.00_140719	H.264 M-JPEG	1	2560x2048	*2	*2	-	*2	-	Yes*				
Note:	Firmware issu	e) correct va		and stream 3 f		,					•			
SNO-1080R	1.00_120125	H.264 M-JPEG	1	640x480	-	1/0	-	Yes	-	Yes	Test by link			
SNO-5080R	3.10_130416	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes				
SNO-6011R	refer to SND- 6011R(1.11_ 131011)	H.264 M-JPEG	1	1920x1080	-	*2	-	Yes	*2	Yes*	Supported by design			
SNO- L6083R	1.00_150403	H.264 M-JPEG	1	1920x1080	*2	-	-	*2	-	Yes*				
Note:	1. Frame rate	Frame rate list does not sync with web. (Camera Firmware issue)												
SNO-6084	refer to SND- 6083(1.00_1 30412)	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design			
SNO-6084R	1.00_130316 refer to SNB- 6004	H264 MJPEG	1	1920x1080	*2	*2	Yes	*2	-	Yes	Supported by design			
SNO-7080R	2.00_121004	H.264 MJPEG	1	2048x1536	*2	*2	Yes	Yes	-	Yes*	Test by link			
SNO-7082R	refer to SNB- 7002 (1.06_13040 2)	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	Supported by design			
SNO-7084R	3.00_140915	H.264	1	2048x1536	*2	1/1	Yes	*2	-	Yes*				
Note:	1. There is dual streaming rule problem in NAS's AUTO mode. (NUUO server limitation) Ex: stream 2 only supports MJPEG codec and stream 3 supports H.264 and MJPEG codec, but the program's logic is 3 stealing 2 in this situation. 2. The actual FPS is not enough to the setting value. (Camera firmware issue) 3. We can not connect by TCP or UDP. (Camera firmware issue) 4. After the stream 2 and 3 are set the resolution to 320x180, the actual resolution is 320x176. (Camera firmware issue) 5. This camera only support Zoom, Focus, AutoFocus with PTZ.													
SNO- L6013R	Refer to SNO-L6083R (1.00_15040 3)	M-JPEG	1	1920x1080	*2(1-way)	-	-	*2(Yes)	-	Yes*	Supported by design			
SNP-3120V	v1.24_11081 6	H.264 MPEG4 M-JPEG	1	704x480	1-way	2/2	Yes	Yes	-	Yes				
Note:	It takes a whi	It takes a while to stop after users click stop patrol button.												
SNP-3301	v1.21_11031 0	H.264 MPEG4 M-JPEG	1	704x480	1-way	4/2	Yes	Yes	-	Yes				



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	Camera Search Tool	Multi Stream Support	Remarks		
SNP- 3302/H	Refer to SNP- 3371/H/TH	H.264 MPEG4 M-JPEG	1	704x480	1-way	4/2	Yes	Yes	-	Yes	Supported by design		
SNP-3370	v1.21_11031 0	H.264 MPEG4 M-JPEG	1	704x480	1-way	4/2	Yes	Yes	-	Yes			
Note:	SNP-3301/SN	P-3370: no	ot suppo	rt QCIF resolut	ion with H.2	64 throu	gh TCP						
SNP- 3371/H/TH	S/W: 1.01_111104 ISP: 1.28	H.264 MPEG4 M-JPEG	1	704x480	1-way	4/2	Yes	Yes	-	Yes	Test by link		
SNP-3430H	v1.10_11081 8	H.264 MPEG4 M-JPEG	1	704x480	1-way	8/4	Yes	Yes	-	Yes			
Note:	This is POE ca		the dev	ice is unstable v	without AC p	ower cor	nnectio	n. We sugg	jest conne	cting with A	C power.		
Note:	There is a can 1.11_11103		sue that	we cannot get	VBR/CBR in	fo to sho	w qual	ity or bit ra	te correct	ly. Please up	grade to FW		
Note:		ice cracks in the video exported with ASF format, while the audio of video file is correctly recorded actually. Please oose to export with AVI format.											
Note:	Not support A	ot support Area Zoom due to protocol limitation.											
Note:	The speed sel	ections of I	PTZ and	focus in LiveVi	ew is not sy	nchronize	ed with	camera we	eb due to	protocol limi	tation.		
SNP-5200H	v1.02_11060 3	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	4/2	-	Yes	-	Yes			
Note:	choose to exp 3. Not suppor	s in the vio ort with A\ t Area Zoo	deo expo /I forma m due t	orted with ASF	ation.				J				
SNP-5300	1.10_130523	H.264 M-JPEG	1	1280x1024	*2	*2	Yes	Yes	Yes	Yes			
Note:	When main st	ream is MJ	PEG, du	al stream will b	e H264. Wh	en main	stream	ı is H264, d	lual strean	n will be MJP	EG		
SNP-6200	V1.00_12030 2	H.264 M-JPEG	1	1920x1080	1-way	4/2	Yes	Yes	-	Yes			
SNP-6200H	refer to SNP- 6200(FW V1.00_12030 2)	H.264 M-JPEG	1	1920x1080	1-way	4/2	Yes	Yes	-	Yes	Supported by design		
SNP- 6200HP	refer to SNP- 6200(FW V1.00_12030 2)	H.264 M-JPEG	1	1920x1080	1-way	4/2	Yes	Yes	-	Yes	Supported by design		
SNP-6200P	refer to SNP- 6200(FW V1.00_12030 2)	H.264 M-JPEG	1	1920x1080	1-way	4/2	Yes	Yes	-	Yes	Supported by design		
SNP- 6200RH	3.02_140722	H.264 M-JPEG	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes*			
Note:	Camera is una	able to ach	ieve ma	ximum FPS with	n high qualit	y / bitrat	e. (Cai	mera perfoi	mance lin	nitation)	•		



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch		On-Edge Motion	Camera Search Tool	Multi Stream Support	Remarks		
SNP-6320H	1.01_141007	H.264 MJPEG	1	1920x1080	1-way	4/2	Yes	Yes	*2	Yes*			
SNV-1080	Refer to SNO- 1080R(FW 1.00_120125	H.264 M-JPEG	1	640x480	1-way	1/0	-	Yes	-	Yes	Test by link		
SNV-1080R	Refer to SNO- 1080R(FW 1.00_120125	H.264 M-JPEG	1	640x480	1-way	1/0	-	Yes	-	Yes	Test by link		
SNV-3080		H.264 MPEG4 M-JPEG	1	720x576	1-way	2/2	-	-	-	-	Supported by design		
Note:	Please unchek	the "RTSF	time o	ut" first.									
SNV-3082		H.264 MPEG4 M-JPEG	1	704x576(PAL) 704x480(NTS C)	1-way	1/1	-	Yes	Yes	Yes			
SNV-3120		H.264 MPEG4 M-JPEG	1	704x480	1-way	1/1	Yes	-	-	Yes			
Note:	PTZ: support :	support zoom and focus.											
SNV-5010	v2.00_11072 7	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes			
Note:	2.10_111227.		stream o	decrease to the	half if watch	ning dual	strean	n video. Ca	mera vend	dor fix this is	sue in FW		
SNV-5080	refer to SND- 5080(FW3.10 _130416)		1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design		
SNV-5080R	3.10_130416	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes			
Note:	2. It's likely fa	iled to que	ery cam	SNV-5080R era parameter i go to camera we		ution con	ıfigurat	ion. It happ	oens on St	NO-5080R m	ost. When		
SNV-5084	1.12_131031 refer to SNB- 5004	H.264 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	-	Yes			
SNV-6012M	1.00_130704	H264 MJPEG	1	1920x1080	*2	*2	Yes	*2	-	Yes			
SNV-6084	refere to SND-6083 (FW 1.00_130412	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design		
SNV-6084R	1.00_130316 refer to SNB- 6004	H264 MJPEG	1	1920x1080	*2	*2	Yes	*2	-	Yes	Supported by design		
SNV-7080	Refer to SND-7080	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	-	Yes	Supported by design		



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	Camera Search Tool	Multi Stream Support	Remarks		
SNV-7080R	2.00_121004	H.264 MJPEG	1	2048x1536	*2	*2	Yes	Yes	-	Yes*			
SNV-7082	refer to SNB- 7002(1.06_1 30402)	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	Supported by design		
Note:	Sometimes ca	n't get cor	rect UI	setting because	camera res	ponse tir	ne too	long.					
SNV-7084	Refer to SND- 7084R(0.51_	H.264	1	2048x1536	1-way	1/1	-	Yes	-	Yes*	Supported by design		
SNV-7084R	Refer to SND- 7084R(0.51_	H.264	1	2048x1536	1-way	1/1	-	Yes	-	Yes*	Supported by design		
SNV- L6083R	1.00_150403	_150403 H.264 1 1920x1080 *2 *2 - Yes*											
Note:	Frame rate list with stream 2 is not synchronized with web. (Camera Firmware issue)												
SNZ-5200	v1.05_11121 6	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	-	Yes			
SPE-100	v1.19_11031 7	H.264 MPEG4 M-JPEG	1	704x480	1-way	1/1	Yes	Yes	-	Yes			
Note:	SPE-100 PTZ i same phenom			n PTZ may not b veb.	e stopped a	ıfter oper	ating.	This is cam	era FW bu	g, we can o	bserve the		
SPE-400	S/W: 1.40_120201	H.264 MPEG4 M-JPEG	1	704x480	1-way	4/4	Yes	Yes	-	Yes	Test by link		
Note:	SPE-400 is 411	P x 4chann	els vide	o server	<u>-</u>	•		•	-	•	-		
Note:	All cameras: it's likely failed to query camera parameter in high resolution configuration. It happens on SNO-5080R most. When encountering this issue, please go to camera web.												
Note:	All cameras: if configuring fixed frame rate on camera web, parameter selection on NVR web page won't be synchronized.												
Note:	For Samsung SNB-7002, SNV-7082, SND7082/F and SNO-7082R, when Frame rate sets to 1, there is no image via RTSP. For Samsung SND-3082, SND-3082/F and SNB-3002, video parameter: brightness doesn't work. For Samsung SNB-7002, SNV-7082, SND7082/F and SNO-7082R, resolution sets to 800*450 & 320*180, but actually 800*448 & 320*176.												



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks			
SNC- 100PBIA	r_IPC- HX5X2X-	H.264 MJPEG	1	1280x960	1-way	-	-	Yes	Yes	Yes*				
Note:	(Camera Firm 2. UPnP searc 3. Stream par Firmware issu 4. Can not su 5. G.711mu 8	ware issue h can not l rameter se e) pport H.26 k has noise 6k and AA) be used. tting ma 4H and e. (Came	On normal profice (Camera Firm y fail if the rand H.264B for for gera Firmware is to be used. (Numbers)	ware iss iges of t mat. (NI ssue)	sue) pitrate is UUO ser	s not syı ver limi	nchronized v			-			
SNC- 200PDIA	BurgWaechte r_IPC- HFW2(4)X01	H.264 MJPEG	1	1920x1080	-	-	Yes	Yes	Yes	Yes*				
Note:	1. Image rotation may not sync with web. (Camera Firmware Issue) 2. When motion trigger or in low-light situation, camera will disconnect. (Camera performance limitation) 3. Upnp search can not be used. (Camera Firmware Issue) 4. Framerate & Bitrate list can not sync with web. (Camera Firmware Issue) Refer to													
SNC- 211FDIA	Refer to SNC- 200PDIA(V2. 210.BW00.8. R.20151124)	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	Yes*	Supported by design			
SNC- 211RSIA	2.210.BW01. 0.R.A.2017.3 N.NR, build : 2015-04-09	H.264 MJPEG	1	1920x1080	1-way	2/1	Yes*	Yes	Yes	Yes*				
Note:	2.Camera UPN 3.Auto Focus 4.Stream para web. (Camera 5.Server Bitra	NP Search of function do ameter set of Firmware of te Value m	does not sold the sol	rate does not t supported (Casupported (Car y fail if the rang sync with web a flip function, r	amera F nera Fir ges of b interfac	irmware mware i itrate ar e. (Cam	e issue) ssue) nd frame era Firm	erate are no nware issue)	t synchr					
SNC- 231RZNA	V2.400.BW06 .0.R.T1.484, build: 2016- 01-13	H.264	1	1920x1080	-	-	Yes*	Yes	*2	Yes*				
SNC- 311FEIF	V2.420.BW00 .0.T.2015021 3	H.264 MJPEG	1	2048x1536	-	-	-	Yes	Yes	Yes*				
Note:														
SNC- 311FBIF	Refer to SNC-311FEIF (V2.420.BW0 0.0.T.201502 13)	H.264 MJPEG	1	2048x1536	-	-	-	Yes	Yes	Yes*	Supported by design			



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks	
SNC- 331DLNN	v2.400.BW00 .0.R	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes*		
Note:	 Flip/Mirror Stream par web. (Camera 	could not v ameter set Firmware	vork.(Ca tting ma issue)	Firmware issumera Firmwar y fail if the rar a Firmware issu	e issue) iges of k	oitrate a	nd fram	erate are no	ot synch	ronized with	n the camera	
SNC- 311RBIA	2.420.BW00. 0.T	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes*		
Note:	 Autodetecti Stream par Web. (Camera Pan and tilt Camera do Some fram 	ion will det rameter set performan are not su es not stop e rates are	ect the string mance limit inported zoomires and tout	ed. (Camera F wrong model. y fail if the rar ation) I. (Camera per ng until it reach oported if the vand mirror are	(Camera iges of b formand ies the e video for	Firmwa pitrate a se limita end. (Ca mat is F	nd fram tion) mera Fi H.264H.	erate are no rmware issu (Camera pe	ie) erformar	nce limitatio	n)	
SNC- 311RDIA	Refer to SNC- 311RBIA(2.4 20.BW00.0.T	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes*	Supported by design	
SNC- 311RINA	Refer to SNC- 311RBIA(2.4 20.BW00.0.T	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes*	Supported by design	
SNC-3302	v1.0.3.447	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Supported by design	
SNC-3303	v1.0.3.454	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes*		
Note:	2. The snapsh	ot will faile	ed when	MJPEG 1920x ² there are no N 1920x1080 is	/JPEG st	ream.	_		col.			
SNC-3305	v1.0.2.386	H.264	1	2592x1944	1-way	1/1	-	Yes	Yes	Yes*		
Note:	Audio has son	ne noise in	high re	uality may not solution. nc. with web v				x1536 and F	AL mod	e.		
SNC-3322	v1.0.3.447	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes*		
Note:	1. M-JPEG on high resolution and quality may not get parameter. 2. Audio has some noise in high resolution. 3. SNC-3322 PTZ not support preset. 4. The frame interval will be unstable under high stream setting, it will cause video and audio not smoothly and image broken. 5. Snapshot resolution is always the same as MJPEG resolution. (Camera limitation)											
SNC-3342	1.0.0.11	H.264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes		



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
SNC- 3901MDN	5.2.3	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	
SNC-3903M	9.6.1	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	PTZ is only su	pported by	extern	al RS-485 devi	ce.			-		_	
SNC- 390DN/W	1.5	MPEG4 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	Yes	Yes	
Note:	PTZ is only su	pported by	extern	al RS-485 devi	ce.						
SNC- 43231R	refer to SNC- 6323IRH(1.0. 3.454)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes*	Supported by design
SNC-4302	v1.0.3.447	H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	Yes*	
SNC- 431RBIA	00.BW00.0.T, build: 2015- 10-22)	H.264 MJPEG	1	1280x960	1-way	-	-	Yes	Yes	Yes*	Supported by design
SNC- 431RDIA	00.BW00.0.T, build: 2015- 10-22)	H.264 MJPEG	1	1280x960	1-way	-	-	Yes	Yes	Yes*	Supported by design
SNC- 431RLNN	Refer to SNC- 331DLNN(V2. 400.BW00.0. R, build: 2015-7-27)	H.264 MJPEG	1	2048x1536	1-way	2/1	Yes	Yes	Yes	Yes*	Supported by design
SNC- 5211MIR	5.2.2	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
SNC- 521IR/W	1.5	MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	Yes	
SNC- 53121R	Refer to SNC- 6312IRH(v1. 0.2.386)	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes*	Supported by design
SNC- 5312MIR		H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
SNC- 5315IR	Refer to SNC- 6315IRH(v1. 0.2.386)	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes*	Supported by design
SNC- 53231RH	refer to SNC- 6323IRH(1.0. 3.454)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes*	Supported by design
SNC- 5651R/W	1.5	MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	Yes	



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks			
SNC- 6163ID		H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design			
SNC-620/W	1.0.1.5	MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	-	Yes	Tested by manufacturer			
SNC-6201M	5.2.2	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design			
SNC-6202	Refer to SNC- 3302(v1.0.3. 447)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Supported by design			
SNC- 6212IR	Refer to SNC- 6312IRH(v1. 0.2.386)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes*	Supported by design			
SNC- 6221MIR	5.2.2	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design			
SNC- 6223MIR		H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design			
SNC-6301M	5.2.2	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design			
SNC-6302	Refer to SNC- 3302(v1.0.3. 447)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Supported by design			
Note:	M-JPEG on hig Audio has son			uality may not solution.	get par	ameter.								
SNC-6303	refer to SNC- 3303(1.0.3.4 54)	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes*	Supported by design			
SNC-6303M		H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design			
SNC- 63121RH	v1.0.2.386	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes*				
SNC- 63151RH	v1.0.2.386	H.264 M-JPEG	1	2592x1944	1-way	1/1	Yes	Yes	Yes	Yes*				
Note:	Audio has son The range of t	ne noise in framerate i	high reis not sy	uality may not solution. nc. with web v I PTZ only sup	vhen res	olution	is 2048	x1536 and F	AL mod	le.				
SNC- 63231RH	v1.0.3.454	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes*				
Note:	2. The snapsh	1												



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
SNC-6332	1.0.0.10	H.264 M-JPEG	1	1600x1200	1-way	4/1	-	-	Yes	Yes	
SNC- 670ID/W	1.0.1.5	MPEG4 M-JPEG	1	720x576	1-way	1/1	Yes	Yes	-	Yes	Tested by manufacturer
SNC- 83221/HO	v1.0.3.447	H264 M-JPEG	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes*	Supported by design
SNC- P3601M	5.2.2	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to A4500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks			
SNC- P3603M		H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design			
Note:	On-edge moti	On-edge motion: H.264 and MPEG4 (3 megapixel cameras).												
SVS-1100	1.1.8	H.264 MPEG4 M-JPEG	1	720x576	1-way	2/2	Yes	Yes	Yes	Yes				
SVS-3001		H264 M-JPEG	1	720x480	1-way	1/1	Yes	-	Yes	Yes	Supported by design			
Note:	1.3 megapixel cameras: frame rate of MJPEG format is not synchronized as camera actually sends, for example, we set fps to 5 fps, but the video is 3 fps. This issue is fixed in camera FW v5.2.6.													
Note:	J .		.	cameras: with on, fps and bit		trictions	, the vic	deo @ H.264	with To	CP protocol	is not smooth			



*1: not avaliable on software

*2: not test on software For multi stream support:

Yes: multi stream fix to 500kbps/100kbps

Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
FBN- D101N	v1.0.1_201 21005	M-JPEG H.264	1	1280x720	1-way	1/1	-	Yes	-	Yes	Supported by design
FBN- D101P	v1.0.1_201 21005	M-JPEG H.264	1	1280x720	1-way	1/1	-	Yes	-	Yes	Supported by design
PSN- 1012N	v1.0.4_201 21029	M-JPEG H.264	1	1920x1080	1-way	2/1	Yes	Yes	-	Yes	Supported by design
PSN- 1012P	v1.0.4_201 21029	M-JPEG H.264	1	1920x1080	1-way	2/1	Yes	Yes	-	Yes	Supported by design
PSSN- 1012N	v1.0.4_201 21029	M-JPEG H.264	1	1920x1080	1-way	2/1	Yes	Yes	-	Yes	Supported by design
PSSN- 1012P	v1.0.4_201 21029	M-JPEG H.264	1	1920x1080	1-way	2/1	Yes	Yes	-	Yes	Supported by design
RIN- 0012N	v1.0.4_201 21029	H.264	1	1920x1080	1-way	1/1	-	Yes	-	Yes	Supported by design
RIN-0012P	v1.0.4_201 21029	H.264	1	1920x1080	1-way	1/1	-	Yes	-	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps

Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format		Max Resolution	Audio	I / O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks		
SNC-21XX	BgWT813003 5N03 V23 1208152A	H.264 MPEG4 MJPEG	1	720P	1-way	1/1	Yes	Yes	-	Yes			
note	SNC-21XX contains SNC-WD2112MDN, SNC-WD2122DN, SNC-WDL2132DN, SNC-WDL2142DN.												
SNC-22XX	BgWT820271 5N03 V23 1208153A	H.264 MPEG4 MJPEG	1	1080P	1-way	1/1	Yes	Yes	-	Yes			
note	SNC-22XX cor	ntains SNC	-2212MI	DN, SNC-2222	DN, SNO	C-L2232	DN.						
SNC-23XX	BgWT830003 6N03 V23 1208154A	H.264 MPEG4 MJPEG	1	ЗМ	1-way	1/1	Yes	Yes	-	Yes			
note	SNC-23XX cor	ntains SNC	-WD231	2MDN, SNC-W	D2322D	N, SNC	-WDL21	32DN, SNC	-WDL23	32DN.	l.		

: not avaliable on camera

*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format		Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
Generic	1.7.0	H.264 M-JPEG	1	AII	1-way	2/2	-	Yes	-	Yes	Yes	
Note:	bandwidth sp	enarios i.e. pecification.		igh frame rate a			-				_	imitation by
SNC- CH110/B / SNC- CH110/S	1.27.00	H.264 MPEG4 M-JPEG	1	1280x960	-	-	-	Yes	-	Yes	Yes*	
	1.80	H.264 MPEG4 M-JPEG	1	1280x1024	-	1/0	-	Yes	-	Yes	Yes	
SNC-CH140	1.07.00	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/2	-	Yes	-	Yes	Yes*	
SNC-CH160	1.82.01	H.264 M-JPEG	1	1280x1024	-	1/1	Yes	Yes	-	Yes	Yes*	
Note:	Camera is un	able to ach	ieve 30	fps with resoluti	on 1280x1	024.						
SNC-CH180	1.26.01	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/2	-	Yes	-	Yes	Yes*	
SNC-CH210	1.78.00	H.264 MPEG4 M-JPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes*	
Note:	2. Dualstrear	n can not b	e enable	10/S are campati ed when H.264, 1 for JEPG and 2	1280 x 720	0, 30 fps	s is sele		-			
SNC-CH220	1.21.02	H.264 MPEG4 M-JPEG	1	1920x1440	-	1/1	-	Yes	-	Yes	Yes*	
SNC-CH240	1.10.01	H.264 MPEG4 M-JPEG	1	1920x1440	1-way	1/2	-	Yes	-	Yes	Yes*	
SNC-CH260	1.78.00	H.264 MPEG4 M-JPEG	1	1920x1440	-	1/1	-	Yes	-	Yes	Yes*	
Note:	2. DualStrea	m can not b	e enabl	om tele/wide, foo ed when the H26 1 for JEPG and 2	54, 1920x1	080, 30	FPS is	selected for				
SNC-CH280	1.26.01	H.264 MPEG4 M-JPEG	1	1920x1440	1-way	1/2	-	Yes	-	Yes	Yes*	
SNC-CM120	1.00	MPEG4 M-JPEG	1	1280x960	1-way	1/2	-	Yes	-	Yes	Yes*	
SNC-CS10		MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	-	Yes	Yes*	Supported by design
SNC-CS11	1.05	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	-	Yes	Yes*	
SNC-CS20		MPEG4 M-JPEG	1	768x576	1-way	1/2	-	Yes	-	Yes	Yes*	Supported by design

SONY

: not avaliable on camera

*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
SNC-CS3		M-JPEG	1	736x480	-	1/2	-	-	-	Yes	Yes*	Supported by design
SNC-CS50	2.21	MPEG4 M-JPEG	1	640x480	1-way	2/2	-	Yes	-	Yes	Yes*	
SNC- CX600W	1.7.0	H.264 M-JPEG	1	1280x1024	1-way	-	-	Yes	-	Yes	Yes	
Note:	bandwidth sp	ecification.		igh frame rate a								imitation by
SNC-DF50	1.11	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/2	-	Yes	-	Yes	Yes*	
SNC-DF70	1.17	MPEG4 M-JPEG	1	640x480	1-way	1/2	-	Yes	-	Yes	Yes*	
SNC-DF80	1.11	H.264 MPEG4 M-JPEG	1	640x480	1-way	1/2	-	Yes	-	Yes	Yes*	
SNC-DF85		H.264 MPEG4 M-JPEG	1	640x480	1-way	1/2	-	Yes	-	Yes	Yes*	Supported by design
SNC- DH110/B / SNC- DH110/W	1.82.01	H.264 M-JPEG	1	1280x960	-	-	-	Yes	-	Yes	Yes*	
Note:	It would take	30~50 sec	conds to	reconnect after	changing \	ideo for	mat.					
SNC- DH110T/B / SNC- DH110T/W	Refer to SNC-DH110	H.264 MPEG4 M-JPEG	1	1280x960	-	-	-	Yes	-	Yes	Yes*	Supported by design
SNC-DH120	1.78.00	H.264 MPEG4 M-JPEG	1	1280x1024	-	-	-	Yes	-	Yes	Yes*	
Note:	 Dualstream The connect 	n can not be etion canno er of conne	e enable ot establ	om tele/wide, foo ed when H.264, ished with high p 1 for JEPG and 2	1280 x 720 orobability), 30 fps when se	s is selected .	cted for Ima IPEG, high r	esolutio	n and higl	n quality.	
SNC-DH140	1.07.00	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/2	-	Yes	-	Yes	Yes*	
Note:	Motion detect	ion will be	turned	off upon changin	g to maxir	num res	olution.	Remember	to enab	le it in car	mera web.	
SNC-DH160	1.13.00	H.264 MPEG4 M-JPEG	1	1280x1024	-	1/1	-	Yes	-	Yes	Yes*	
SNC-DH180	1.10.02	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/2	-	Yes	-	Yes	Yes*	
SNC- DH210/B / SNC-		H.264 MPEG4 M-JPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes*	Supported by design
SNC- DH210T/B / SNC-	1.27.00	H.264 MPEG4 M-JPEG	1	2048x1536	-	-	-	Yes	-	Yes	Yes*	

: not avaliable on camera

*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
SNC-DH220	1.82.01	H.264 M-JPEG	1	1920x1440	-	-	Yes	Yes	-	Yes	Yes*	
SNC- DH220T	Refer to SNC-DH220	H.264 MPEG4 M-JPEG	1	1920x1440	1-way	1/1	Yes	Yes	-	Yes	Yes*	Supported by design
SNC-DH240	1.11.00	H.264 MPEG4 M-JPEG	1	1920x1440	1-way	1/2	-	Yes	-	Yes	Yes*	
SNC-DH260	1.30.00	H.264 MPEG4 M-JPEG	1	1920x1440	-	1/1	-	Yes	-	Yes	Yes*	
SNC-DH280	1.26.01	H.264 MPEG4 M-JPEG	1	1921x1440	1-Way	1/2	-	Yes	-	Yes	Yes*	
SNC-DM110		MPEG4 M-JPEG	1	1280x960	1-way	1/2	-	Yes	-	Yes	Yes*	Supported by design
SNC-DM160	1.01	MPEG4 M-JPEG	1	1280x960	1-way	1/2	-	Yes	-	Yes	Yes*	
SNC-DS10	1.01	H.264 MPEG4 M-JPEG	1	768x576	1-way	1/2	-	Yes	-	Yes	Yes*	
SNC-DS60	1.00	MPEG4 M-JPEG	1	640x480	1-way	1/2	-	Yes	-	Yes	Yes*	
SNC-EB600	Refer to SNC- EB600B(1.9. 2)	H264 MJPEG	1	1280x1024	-	-	-	Yes	-	Yes	Yes	Supported by design
Note:	bandwidth spe	ecification.		igh frame rate a								imitation by
SNC- EB600B	1.9.2	H264 MJPEG	1	1280x1024	-	-	-	Yes	-	Yes	Yes	
Note:	bandwidth spe	ecification.		igh frame rate a								imitation by
SNC- EB602R	Refer to SNC- EB632R(2.1. 2)	H.264 M-JPEG	1	1920x1080	-	-	Yes*	Yes	-	Yes	Yes*	Supported by design
SNC-EB630	1.9.2	H.264 M-JPEG	1	1920x1080	-	-	-	Yes	-	Yes	Yes	
Note:	bandwidth spe	ecification.		igh frame rate a								imitation by
SNC- EB630B	Refer to SNC- EB630(1.9.2)	H.264 M-JPEG	1	1920x1080	-	-	-	Yes	-	Yes	Yes	Supported by design
Note:	In certain sce bandwidth spe			igh frame rate a	nd resoluti	on with	multiple	stream cor	ndition,	camera m	ight have l	imitation by
SNC- EB632R	2.2.1	H.264 M-JPEG	1	1920x1080	-	-	Yes*	Yes	-	Yes	Yes*	
Note:	PTZ only supp	ort zoom	and focu	IS.								

: not avaliable on camera

*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP		Multi Stream Support	Remarks
SNC-EM600	Refer to SNC- EB600B(1.9. 2)	H264 MJPEG	1	1280x1024	-	-	-	Yes	-	Yes	Yes	Supported by design
Note:	bandwidth spe	ecification.		igh frame rate a			·					imitation by
SNC-EM601	Refer to SNC- EB600B(1.9. 2)	H264 MJPEG	1	1280x1024	-	-	-	Yes	-	Yes	Yes	Supported by design
Note:	bandwidth spe	ecification.		igh frame rate a								imitation by
SNC- EM602R	Refer to SNC- EB600B(1.9. 2)	H264 MJPEG	1	1280x1024	-	-	-	Yes	-	Yes	Yes	Supported by design
Note:	In certain scell	ecification.		igh frame rate an			·				•	imitation by
SNC-EM630	Refer to SNC- EB630(1.9.2)	H.264 M-JPEG	1	1920x1080	-	-	-	Yes	-	Yes	Yes	Supported by design
Note:	bandwidth spe	ecification.		igh frame rate an			·					imitation by
SNC-EM631	Refer to SNC- EB630(1.9.2)	H.264 M-JPEG	1	1920x1080	-	-	-	Yes	-	Yes	Yes	Supported by design
Note:	bandwidth spe	ecification.		igh frame rate a			·					imitation by
SNC- EM632R	1.9.2	H.264 M-JPEG	1	1920x1080	-	-	Yes	Yes	-	Yes	Yes	
Note:	bandwidth spe	ecification. formation,		igh frame rate a			·					imitation by
SNC-EP520	1.40.00	H.264 MPEG4 M-JPEG	1	720x480	1-way	2/1	Yes	Yes	-	Yes	Yes	
SNC-EP521	1.42.00	H.264 MPEG4 M-JPEG	1	720x576	1-way	2/1	Yes	Yes	-	Yes	Yes	
SNC-EP550	Refer to SNC-ER550	H.264 MPEG4 M-JPEG	1	1280x720	1-way	2/1	Yes	Yes	-	Yes	Yes	Supported by design
SNC-EP580	1.42.00	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/1	Yes	Yes	-	Yes	Yes	
Note:	For performar	-	eration,	users are unable	to watch I	ive vide	os on bo	oth NVR side	e and ca	mera side	÷.	

: not avaliable on camera

*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
SNC-ER520	1.42.00	H.264 MPEG4 M-JPEG	1	720x480	1-way	2/1	Yes	Yes	-	Yes	Yes	
SNC-ER521	1.42.00	H.264 MPEG4 M-JPEG	1	720x576	1-way	2/1	Yes	Yes	-	Yes	Yes	
SNC-ER550	1.78.00	H.264 MPEG4 M-JPEG	1	1280x720	1-way	2/1	Yes	Yes	-	Yes	Yes	
Note:	2. The number	er of conne	ction is	ed when H264, 1 1 for JEPG and 2 ished with high բ	for H264	and MPE	EG4 at t	he same tin	ne.	n and higl	n quality.	
SNC-ER580	1.82.01	H.264 M-JPEG	1	1920x1080	1-way	2/1	Yes	Yes	-	Yes	Yes*	
Note:	For performar	nce conside	eration,	users are unable	to watch I	ive vide	os on b	oth NVR sid	e and ca	amera side) .	
SNC-ER585	1.78.00	H.264 MPEG4 M-JPEG	1	1920x1080	*2	*2	Yes	Yes	-	*2	Yes	Tested by link
Note:		e will brea	<u> </u>	during resolutio	Ι			<u> </u>		Ι	Ι	
SNC-HM662	1.2.0	MJPEG	1	2560x1920	1-way	1/1	-	Yes	-	Yes	Yes*	
Note:	Camera is Doesn't sup	unable to a oport audic ching the a	achieve s o-in and udio cod	ibration in Crysta setting frame rat audio-out when dec on camera w)	e and bit r the resolu	tion is 2	560x19	20 via MJPE	G. (Can	nera Firmv		
SNC-P1	1.28	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	-	Yes	Yes	
SNC-P5	1.11	MPEG4 M-JPEG	1	640x480	1-way	2/1	Yes	Yes	-	Yes	Yes	
SNC-RH124	1.84.00	H.264 M-JPEG	1	1280x720	1-way	4/2	Yes	Yes	-	Yes	Yes*	
Note:	2. The camera	a is unable	to achie	EG and resolutio eve 30fps with M n change the auc	JPEG form	at.		the connect	ion is u	nstable.		
SNC-RH164	1.10.01	H.264 MPEG4 M-JPEG	1	1280x720	1-way	4/2	Yes	Yes	-	Yes	Yes	
SNC-RS44N		H.264 MPEG4 M-JPEG	1	720x480	1-way	4/2	Yes	Yes	-	Yes	Yes	Supported by design
		H.264				4/2	Yes	Yes	_	Yes	Yes	Supported
SNC-RS44P		MPEG4 M-JPEG	1	720x576	1-way	4/2	163	103			. 00	by design
SNC-RS44P SNC-RS46N		MPEG4	1	720x576 720x480	1-way 1-way	4/2	Yes	Yes	-	Yes	Yes	by design Supported by design

: not avaliable on camera

*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
SNC-RS84N		H.264 MPEG4 M-JPEG	1	720x480	1-way	4/2	Yes	Yes	-	Yes	Yes	Supported by design
SNC-RS84P		H.264 MPEG4 M-JPEG	1	720x576	1-way	4/2	Yes	Yes	-	Yes	Yes	Supported by design
SNC-RS86N		H.264 MPEG4 M-JPEG	1	720x480	1-way	4/2	Yes	Yes	-	Yes	Yes	Supported by design
SNC-RS86P		H.264 MPEG4 M-JPEG	1	720x576	1-way	4/2	Yes	Yes	-	Yes	Yes	Supported by design
SNC-RX530	3.00	H.264 MPEG4 M-JPEG	1	640x480	1-way	2/2	Yes	Yes	-	Yes	Yes	
SNC-RX550		H.264 MPEG4 M-JPEG	1	640x480	1-way	2/2	Yes	Yes	-	Yes	Yes	Supported by design
SNC-RX570	3.01	H.264 MPEG4 M-JPEG	1	640x480	1-way	2/2	Yes	Yes	-	Yes	Yes	
SNC-RZ25	1.29	MPEG4 M-JPEG	1	640x480	1-way	2/2	Yes	Yes	-	Yes	Yes	
SNC-RZ30	3.14	M-JPEG	1	736x480	-	3/2	Yes	-	-	Yes	Yes	
SNC-RZ50	2.21	H.264 MPEG4 M-JPEG	1	640x480	1-way	2/2	Yes	Yes	-	Yes	Yes	
SNC-VB600	1.9.2	H.264 M-JPEG	1	1280x1024	1-way	2/2	-	Yes	-	Yes	Yes	
Note:	bandwidth sp For further in	ecification. formation,	please v	igh frame rate a visit Sony A&E Po 16kbps) are non	ortal: https	://www	.security					imitation by
SNC- VB600B	1.7.0	H.264 M-JPEG	1	1280x1024	1-way	2/2	-	Yes	-	Yes	Yes	
Note:				igh frame rate o visit Sony A&E Po			_			omeDisplay	y.do	
SNC-VB630	2.2.1	H264 MJPEG	1	1920x1080	1-way	2/2	Yes*	Yes	-	Yes	Yes*	
Note:	bandwidth sp	ecification.		igh frame rate a			-					imitation by

: not avaliable on camera

*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks	
SNC-VB635	1.11.0	H264 MJPEG	1	1920x1080	1-way	2/2	Yes*	Yes	-	Yes	Yes		
Note:	bandwidth spe	ecification.		igh frame rate and visit Sony A&E Po			•					imitation by	
SNC-VM600	Refer to SNC- VB600(1.9.2)	H.264 M-JPEG	1	1280x1024	1-way	2/2	-	Yes	-	Yes	Yes	Supported by design	
Note:	bandwidth spe For further inf	ecification. formation,	please v	igh frame rate al visit Sony A&E Po 16kbps) are non-	ortal: https	s://www	.security					imitation by	
SNC- VM600B	Refer to SNC-VB600B	H.264 M-JPEG	1	1280x1024	1-way	2/2	-	Yes	-	Yes	Yes	Supported by design	
Note:	In certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation by bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do												
SNC-VM601	Refer to SNC- VB600(1.9.2)	H.264 M-JPEG	1	1280x1024	1-way	2/2	-	Yes	-	Yes	Yes	Supported by design	
Note:	bandwidth spe For further inf	ecification. formation,	please v	igh frame rate a visit Sony A&E Po 16kbps) are non-	ortal: https	s://www	.security					imitation by	
SNC- VM601B	Refer to SNC- VB600(1.9.2)	H.264 M-JPEG	1	1280x1024	1-way	2/2	-	Yes	-	-	-	Supported by design	
Note:	bandwidth spe	ecification.		igh frame rate a			•				· ·	imitation by	
SNC- VM602R	Refer to SNC- VB600(1.9.2)	H.264 M-JPEG	1	1280x1024	1-way	2/2	-	Yes	-	Yes	Yes	Supported by design	
Note:	bandwidth spe For further inf	ecification. formation,	please v	igh frame rate a visit Sony A&E Po 16kbps) are non-	ortal: https	s://www	.security					imitation by	
SNC-VM630	Refer to SNC- VM632R(1.9. 2)	H264 MJPEG	1	1920x1080	1-way	2/2	-	Yes	-	Yes	Yes	Supported by design	
Note:	In certain sce bandwidth spe For further inf	ecification. formation,	please v	igh frame rate a visit Sony A&E Po 16kbps) are non-	ortal: https	s://www	security					imitation by	

: not avaliable on camera

*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
SNC-VM631	Refer to SNC- VM632R(1.9. 2)	H264 MJPEG	1	1920x1080	1-way	2/2	-	Yes	-	Yes	Yes	Supported by design
Note:	bandwidth spe For further inf	ecification. formation,	please v	igh frame rate a visit Sony A&E Po 16kbps) are non-	ortal: https	://www	security					imitation by
SNC- VM632R	1.9.2	H264 MJPEG	1	1920x1080	1-way	2/2	-	Yes	-	Yes	Yes	
Note:	bandwidth spe	ecification.		igh frame rate a								imitation by
SNC-WR600	1.11.0	H264 MJPEG	1	1280x1024	1-way	4/2	Yes*	Yes	-	Yes	Yes	
Note:	bandwidth spe	ecification.		igh frame rate a			•					imitation by
SNC-WR602	Refer to SNC- WR600(1.11. 0)	H264 MJPEG	1	1280x1024	1-way	4/2	Yes*	Yes	-	Yes	Yes	Supported by design
Note:	bandwidth spe	ecification.		igh frame rate a								imitation by
SNC-WR630	1.11.0	H264 MJPEG	1	1920x1080	1-way	4/2	Yes*	Yes	-	Yes	Yes	
Note:	bandwidth spe	ecification.		igh frame rate a								imitation by
SNC-WR632	Refer to SNC-WR630	H264 MJPEG	1	1920x1080	1-way	4/2	Yes*	Yes	-	Yes	Yes	Supported by design
Note:	bandwidth spe	ecification.		igh frame rate a			·					imitation by
SNC-XM631	2.2.1	H.264 MJPEG	1	1920x1080	-	-	-	Yes	-	Yes	Yes*	
SNC-XM632	1.12.0	H.264 MJPEG	1	1920x1080	1-way	-	-	Yes	-	Yes	Yes	
Note:	bandwidth spe	ecification.		igh frame rate a			·					imitation by

: not avaliable on camera

*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
SNC-XM636	Refer to SNC- XM632(1.12. 0)	H.264 MJPEG	1	1920x1080	1-way	-	-	Yes	-	Yes	Yes	Supported by design
Note:	bandwidth sp	ecification.		igh frame rate ar visit Sony A&E Po			•				· ·	imitation by
SNC-XM637	Refer to SNC- XM632(1.12. 0)	H.264 MJPEG	1	1920x1080	1-way	-	-	Yes	-	Yes	Yes	Supported by design
Note:	bandwidth sp	n certain scenarios i.e. under high frame rate and resolution with multiple stream condition, camera might have limitation bandwidth specification. For further information, please visit Sony A&E Portal: https://www.security.sony.biz/ssp/ae/homeDisplay.do										
SNC-Z20	1.06	M-JPEG	1	736x480	-	1/2	Yes	-	-	Yes	Yes	
Note:	PTZ Support:	zoom only	'.									
SNC-ZB550	1.82.01	H.264 MJPEG	1	1280x1024	-	1/1	-	Yes	-	Yes	Yes*	
SNT-EP104		H.264 MPEG4 M-JPEG	4	720x480	-	-	-	Yes	-	Yes	Yes	Supported by design
SNT-EP154	1.10.01	H.264 MPEG4 M-JPEG	4	720x480	-	-	-	Yes	-	Yes	Yes	
SNT-EX101		H.264 MPEG4 M-JPEG	1	720x480	1-way	2/2	Yes	Yes	-	Yes	Yes	Supported by design
SNT- EX101E	1.10.01	H.264 MPEG4 M-JPEG	1	PAL: 720x576 NTSC: 720x480	1-way	2/2	Yes	Yes	-	Yes	Yes	
SNT-EX104	1.10.01	H.264 MPEG4 M-JPEG	4	PAL: 720x576 NTSC: 720x480	1-way	4/4	Yes	Yes	-	Yes	Yes	
SNT-EX154	1.10.01	H.264 MPEG4 M-JPEG	4	720x480	1-way	4/4	Yes	Yes	-	Yes	Yes	
SNT-V704	2.15	MPEG4 M-JPEG	4	720x480	1-way	1/4	-	-	-	Yes	Yes	
Note:		d stream o		d "X" series, IP-c e. The 1.7 and al								



: not avaliable on camera *1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps

Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Camera Search Tool	Multi Stream Support	Remarks
SR-C-	2.420.0005.0		1	1920x1080	1-way	1/1	Yes	Yes	Yes	-	Yes*	
F21100 Note:	 Camera Sea Bitrate Ran G711A 16k Because of firmware issue 	ge in came (was not s bitrate rar e)	era web supporte	Lect was not sup was not sync ved. (NUUO serv not sync betwo	with NUU er limita	JO serve ation)	er. (Cam	nera firmwa			/ fail. (Cam	nera
SR-C- F25100-V	.NR	MJPEG	1	1920x1080	1-way	2/1	Yes	Yes	Yes	-	Yes*	
Note:	 Bitrate Rand G711A 16k Because of firmware issue 	ge in came (was not s bitrate rar e)	era web supporte	ect was not sup was not sync wed. (NUUO serv not sync betwo	with NUL er limita	JO serve ation)	er. (Cam	nera firmwa			/ fail. (Cam	nera
SR-C- F24110-FV	2.420.0005.0 .R	H.264 MJPEG	1	1920x1080	1-way	1/1	Yes*	Yes	Yes	-	Yes*	
Note:	2. Bitrate Ran 3. In G.711 sc	ge in came ound will di use succes	era web istort. (0	ect was not sup was not sync v Camera firmwa Camera perfor	with NUl are issue	JO serve	er. (Cam		re issue))		
5R-C- F26110	.R	MJPEG	1	1920x1080	1-way	2/1	Yes	Yes	Yes	-	Yes*	
Note:	 Bitrate Ran G711A 16k Because of firmware issue 	ge in came (was not s bitrate rar e)	era web supporte	ect was not sup was not sync was not sync wed. (NUUO serv not sync betwo	with NUL er limita	JO serve ation)	er. (Cam	nera firmwa			/ fail. (Cam	nera
SR-C- F22100-V	2.420.0005.0 .R	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	-	Yes*	
Note:	Camera Sea Bitrate Ran	arch and A ge in came bitrate rar	era web	ect was not sup was not sync v not sync betwo	vith NUL	JO serve	er. (Cam	nera firmwa			/ fail. (Cam	nera
SR-C- F23120-V	2.420.0005.0 .R	H.264 MJPEG	1	1920x1080	1-way	-	Yes*	Yes	Yes	-	Yse*	
Note:	 Bitrate Rand G711A 16k 	ge in came (was not s bitrate rar	era web supporte	ect was not sup was not sync v ed. (NUUO serv not sync betwo	with NUl er limita	JO serve ation)	er. (Cam	nera firmwa			/ fail. (Cam	nera
Nitida 12000	01.10:01.08: 01.13:01.11: 01.05:00.04	H.264	1	1920x1080	-	-	-	-	-	-	Yes*	
Note:		n is unable	to achie	eve setting bit r	ate.(Ca	mera pe	rforman	ce limitation)		-	



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPn P	ONVIF Search	Multi Stream Support	Remarks
Generic	v1.9.0601.100 1.3.0.36.0.0	H.264 M-JPEG	1	2592x1944	1-way	2/2	Yes	Yes	1	-	Yes*	
Note:	 The ranges o Motion detec Bitrate of act 	of bitrate ar tion is not tual stream	nd frame supporte ing may	.(FW: v1.9.060 erate may be dif ed on MJPEG. (C be different from may be differen	ferent from Camera perf Im the setti	came ormar ng. (C	ra wel nce lim amera	o. (Camera litation) Firmware	issue))	
IPR54/14ALDN (II)/23		H.264 MJPEG	1	1920x1080	1-way	-	-	*2	*2	Yes	Yes*	
Note:				it is out of the s	_			earching file	e rotate	e and stai	rt with onv	if, the auto-
IPR56/20APDN /13		H.264 MJPEG	1	1920x1080	1-way	-	-	*2	*2	Yes	Yes*	
Note:				it is out of the s	_			earching file	e rotate	e and stai	rt with onv	if, the auto-
IPS54/70DN/Z 18	refer to IPS54/70DN/Z R18	H.264 M-JPEG	1	1280x720	1-way	1/0	Yes	Yes	1	-	Yes	Supported by design
IPS54/70DN/Z R18	_	H.264 M-JPEG	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes	
IPS54/70DR/Z 18	refer to IPS54/70DN/Z R18	H.264 M-JPEG	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes	Supported by design
IPS54/70DR/Z R18	refer to IPS54/70DN/Z R18	H.264 M-JPEG	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes	Supported by design
IPS54/71DN/Z 18	refer to IPS54/70DN/Z R18	H.264 M-JPEG	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes	Supported by design
IPS54/80DR	refer to IPS54/70DN/Z R18	H.264 M-JPEG	1	1280x720	1-way	1/0	Yes	Yes	-	-	Yes	Supported by design
SN- IPC54/11DN	refer to SN- IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN- IPC54/11EDN	refer to SN- IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN- IPC54/11FDN	v1.6_build044 014_027	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	
SN- IPC54/12DN	refer to SN- IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN- IPC54/12EDN	refer to SN- IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format		Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPn P	ONVIF Search	Multi Stream Support	Remarks
SN- IPC54/12FDN	refer to SN- IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN- IPC54/14EDN	refer to IPD54/12VDN (v1.6_build044 014_106)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN- IPC54/20DN	1.6_build0440 11_061	H.264 M-JPEG	1	704x576	1-way	-	-	Yes	-	Yes	-	
SN- IPC54/31EDN	refer to SN- IPV54/31UDR (v1.6_build044 014_137)	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN- IPC54/40EDN	v1.6_build044 014_137	H.264 M-JPEG	1	2592x1920	1-way	1/1	Yes	Yes	-	-	Yes	
SN- IPC54/50DN		H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	Yes	-	Supported by design
SN- IPD54/11DN		H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	Yes	-	Supported by design
SN- IPD54/11VDN	refer to SN- IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN- IPD54/11VDR	refer to SN- IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes*	Supported by design
SN- IPD54/12DN		H.264 M-JPEG	1	1920x1080	1-way	-	-	Yes	-	Yes	-	Supported by design
SN- IPD54/12VDR	refer to SN- IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN- IPD54/14VDN	refer to IPD54/12VDN (v1.6_build044 014_106)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN- IPD54/14VDR	refer to IPD54/12VDN (v1.6_build044 014_106)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN- IPD54/31VDN	refer to SN- IPV54/31UDR (v1.6_build044 014_137)	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN- IPD54/31VDR	refer to SN- IPV54/31UDR (v1.6_build044 014_137)	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design



*1: not avaliable on software *2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

/ideo Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPn P	ONVIF Search	Multi Stream Support	Remarks
1	2592x1920	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
1	2048x1536	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
1	1920x1080	1-way	1/1	Yes	Yes	-	Yes	Yes*	
use or ite can' some fr	n camera web.(0 It be set due to ame rate and b	Camera firm Onvif restri it rates can	nware ction.	(Came	ra firmware				
1	1920x1080	1-way	1/1	-	Yes	-	Yes	Yes*	
	1 1 1 1 1 1 1 1 1 1 1 tit be unite can income from mu-law	1 2592x1920 1 1280x720 1 1280x720 1 1280x720 1 1280x720 1 1280x720 1 1920x1080 1 1920x1080	Resolution 1 2592x1920 1-way 1 1280x720 1-way 1 1280x720 1-way 1 1280x720 1-way 1 1280x720 1-way 1 1920x1080 1-way 1 2048x1536 1-way 1 1920x1080 1-way	1 2592x1920 1-way 1/1 1 1280x720 1-way 1/1 1 1920x1080 1-way 1/1	1 2592x1920 1-way 1/1 Yes 1 1280x720 1-way 1/1 Yes 1 1920x1080 1-way 1/1 Yes	Resolution Ch Motion 1 2592x1920 1-way 1/1 Yes 1 1280x720 1-way 1/1 Yes 1 1920x1080 1-way 1/1 Yes <tr< td=""><td>1 2592x1920 1-way 1/1 Yes Yes - 1 1280x720 1-way 1/1 Yes Yes - 1 1920x1080 1-way 1/1 Yes Yes -</td><td> 1 2592x1920 1-way 1/1 Yes Yes - - 1 1280x720 1-way 1/1 Yes Yes - - 1 1920x1080 1-way 1/1 Yes Yes - - 1 1920x1080 1-way 1/1 Yes Yes - Yes 1 1920x1080 1-way 1/1 Yes Yes - Yes </td><td> 1</td></tr<>	1 2592x1920 1-way 1/1 Yes Yes - 1 1280x720 1-way 1/1 Yes Yes - 1 1920x1080 1-way 1/1 Yes Yes -	1 2592x1920 1-way 1/1 Yes Yes - - 1 1280x720 1-way 1/1 Yes Yes - - 1 1920x1080 1-way 1/1 Yes Yes - - 1 1920x1080 1-way 1/1 Yes Yes - Yes 1 1920x1080 1-way 1/1 Yes Yes - Yes	1



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPn P	ONVIF Search	Multi Stream Support	Remarks
Note:	1.The snapshot 2.The PTZ funct 3.Some framera 4.Due to Onvif I 5.Audio only su	ion can't bate and biti restriction,	e use or rate can some fr	n camera web.(0 't be set due to rame rate and b	Camera firm Onvif restri it rates can	ware ction.	(Came	ra firmware	-			
SN- IPR54/31APDN	refer to SN- IPV54/31UDR (v1.6_build044 014_137)	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN- IPR54/31UDN	v1.7.1001.3.0. 13	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	-	Yes	Yes	
Note:	Some framerate	e and bitra	te can't	be set due to Or	nvif restrict	ion.						
SN- IPR54/40AKDN		H.264 M-JPEG	1	2592x1920	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN- IPR54/40APDN	refer to SN- IPC54/40EDN (v1.6_build044 014_137)	H.264 M-JPEG	1	2592x1920	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN- IPR54/50DN		H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	Yes	-	Supported by design
SN- IPS54/60DN/Z 18		H.264 M-JPEG	1	704x576	1-way	-	Yes	Yes	-	Yes	-	Supported by design
SN- IPS54/60DN/Z 18/WI	v1.6_build044 013_040	H.264 MJPEG	1	704x480	1-way	-	Yes	Yes	-	Yes	Yes	
SN- IPS54/60DN/Z 36		H.264 M-JPEG	1	704x576	1-way	-	Yes	Yes	-	Yes	-	Supported by design
SN- IPV54/11DN	refer to SN- IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN- IPV54/11DR	refer to SN- IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN- IPV54/11UDN	refer to SN- IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN- IPV54/11UDR	refer to SN- IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN- IPV54/11ZDR	refer to SN- IPC54/11FDN	H.264 M-JPEG	1	1280x720	1-way	1/1	Yes	Yes	_	-	Yes	Supported by design
SN- IPV54/12DN	refer to SN- IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design



- : not avaliable on camera *1: not avaliable on software

*2: not test on software For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPn P	ONVIF Search	Multi Stream Support	Remarks
SN- IPV54/12DR	refer to SN- IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN- IPV54/12UDN	refer to SN- IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN- IPV54/12UDR	refer to SN- IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN- IPV54/12ZDR	refer to SN- IPD54/12VDN	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN- IPV54/14UDR	refer to IPD54/12VDN (v1.6_build044 014 106)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN- IPV54/14ZDR	refer to IPD54/12VDN (v1.6_build044 014 106)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN- IPV54/31UDN	v1.6_build044	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	-	Yes	
Note:	SN-IPV54/31UD	N FW issu	e: Came	era will reboot w	hen MJPEG	2048	x1536	1920x108	0 and c	quality 9.		•
SN- IPV54/31UDR	refer to SN- IPV54/31UDR (v1.6_build044 014_137)	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN- IPV54/31ZDR	refer to SN- IPV54/31UDR (v1.6_build044 014_137)	H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN- IPV54/40UDN	refer to SN- IPC54/40EDN (v1.6_build044 014_137)	H.264 M-JPEG	1	2592x1920	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN- IPV54/40UDR	refer to SN- IPC54/40EDN (v1.6_build044 014_137)	H.264 M-JPEG	1	2592x1920	1-way	1/1	Yes	Yes	-	-	Yes	Supported by design
SN- IPV54/50DN		H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	Yes	-	Supported by design
SN- IPV54/50DR		H.264 M-JPEG	1	1280x720	1-way	-	-	Yes	-	Yes	-	Supported by design
SN-VSR54/04	build044014_1 36_1	H.264	4	704x576	1-way	2/1	Yes	Yes	-	-	Yes	
Note:	1. Audio only av 2. DI2 can't wo			1 and channel	2.							
VSR54/01	v1.6_build0440 14_026	H.264 M-JPEG	1	D1	1-way	2-1	Yes	Yes	-	-	Yes	
Note:	IPS54/70DN/ZR	R18: Chang	ng MJPE	G resolution ma	ay get Fail r	nessa	ge due	to camera	FW iss	ue.		
Note:	SN-IPD54/12VD	N: Can't t	est DI d	ue to HW broke	n.							



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware		Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPn P	ONVIF Search	Multi Stream Support	Remarks
Note:	SN-IPC54/40ED 1. MJPEG 2592x 2. Camera will r	k1920 by c			d quality 9	by can	nera F	W issue.				
Note:	2. Camera will reboot when MJPEG 2048x1536 and quality 9 by camera FW issue. SN-IPS54/60DN/Z18/WI: 1.Audio, MD, PTZ function only test by SN-IPS54/60DN/Z18/WI and v1.6_build044013_040 firmware. 2.Dualstream may not connect sometimes when accessing camera too frequency.											
Note:	SN-IPV54/50DF	R: Impleme	nt with	ONVIF protocol	v1.02.							
Note:	Due to the limit password.	ation of ON	NVIF pro	tocol, ONVIF se	arch works	only a	s cam	eras keep o	default	administi	rator name	and
Note:	Do not support	I/O due to	camera	FW limitation.								
Note:	VSR54/01: 1. Autodetect fa 2. Changing MJI 3. DI can't work	PEG resolu	tion may	y get Fail messa		amera	FW is	sue.				



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On- Edge Motion	UPnP	Auto Pan	Multi Stream Support	Remarks
TV-IP262P	1.0.3	H.264 MJPEG	1	1280x1024	1-way	-	-	Yes	Yes	-	Yes	
Note:		setting by		os by cgi when different with								
TV-IP262PI	refer to TV- IP262P(1.0.3	H.264 MJPEG	1	1280x1024	1-way	-	-	Yes	Yes	-	Yes	Supported by design
TV-IP310PI	V5.0.1 140303	H.264	1	2048x1536	-	-	-	Yes	Yes	-	Yes	
Note:	2. Frame rate	list over the eam is unab	e corret	ange bitrate. (range when th nieve maximur	ne resolu	ition is 2	2048x	1536. (C				amera
TV-IP311PI	refer to TV- IP310PI(V5.0 .1 140303)	H.264	1	2048x1536	-	-	-	Yes	Yes	-	Yes	Supported by design
TV-1P572P	refer to TV- IP672W(1.1. 2)	H.264 MJPEG MPEG4	1	1280x800	1-way	-	Yes	Yes	Yes	-	Yes	Supported by design
TV-IP572PI	refer to TV- IP672W(1.1. 2)	H.264 MJPEG MPEG4	1	1280x800	1-way	-	Yes	Yes	Yes	-	Yes	Supported by design
TV-IP572W	refer to TV- IP672W(1.1. 2)	H.264 MJPEG MPEG4	1	1280x800	1-way	-	Yes	Yes	Yes	-	Yes	Supported by design
TV-IP572WI	refer to TV- IP672W(1.1. 2)	H.264 MJPEG MPEG4	1	1280x800	1-way	-	Yes	Yes	Yes	-	Yes	Supported by design
TV-IP672P	refer to TV- IP672W(1.1. 2)	H.264 MJPEG MPEG4	1	1280x800	1-way	-	Yes	Yes	Yes	-	Yes	Supported by design
TV-IP672PI	refer to TV- IP672W(1.1. 2)	H.264 MJPEG MPEG4	1	1280x800	1-way	-	Yes	Yes	Yes	-	Yes	Supported by design
TV-IP672W	1.1.2	H.264 MJPEG MPEG4	1	1280x800	1-way	-	Yes	Yes	Yes	-	Yes	
Note:	 Camera response slow due to digest authentication. (Camera Performace Issue) Image setting for saturation will fail. (Camera Firmware Issue) 											
TV-IP672WI	refer to TV- IP672W(1.1. 2)	H.264 MJPEG MPEG4	1	1280x800	1-way	-	Yes	Yes	Yes	-	Yes	Supported by design



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*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I / O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
TCS-200	Enc: V1.104A-035	H.264	1	720x576	1-way	2/2	Yes	Yes	-	Yes	
TCS-2000	Enc: V1.103C-005	H.264 MJPEG	1	1920x1080	1-way	2/2	Yes	Yes	-	Yes	
TCS-300	Enc: V1.103C-005	H.264 MJPEG	1	720x576	1-way	2/2	Yes	Yes	-	Yes	
TCAM-3xx	Enc: V1.103C-005	H.264 MJPEG	1	720x576	1-way	0/0	Yes	Yes	-	Yes	
Note:	1. TCAM-330, 2. Do not supp			AM-370 are ca M-3xx.	mpatibl	e with T	CAM-3x	х			
TCAM-530	Enc: V1.103C-005	H.264 MJPEG	1	1920x1280	1-way	1/1	-	Yes	-	Yes	
TCAM-531	Enc: V1.103C-005	H.264 MJPEG	1	1280x960	1-way	1/1	-	Yes	-	Yes	
Note:	TCAM-531, TC	AM-531BI	R and To	CAM-551 are c	ampatib	le with	TCAM-5	31/531BIR/	551		
TCAM-540	Enc: V1.103C-006	H.264 MJPEG	1	1920x1280	1-way	1/1	-	Yes	-	Yes	
Note:	Get severe bro (approx. three	-		highest resolu	tion 192	0x1280	, which	will be impr	oved in	future new came	era FW.
TCAM-570	Enc: V1.103A -031	H.264 M-JPEG	1	1920x1080	1-way	2/2	Yes	Yes	-	Yes	
Note:	The resolution switch to othe			352x240, hov	vever, tl	ne qualit	ty is bac	l on 352x24	0 by co	nnecting through	HTTP. Please
Note:				with TCP proto camera FW. (a					of high	resolution, fps a	nd bitrate,
TN-B200CE	Refer to TN- B202CEIR(V3 .311R01)	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
TN- B202CEIR	V3.311R01	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
TN- D1202CE	Refer to TN- B202CEIR(V3 .311R01)	H.264	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	
TN- P1220CS	Refer to TN- P1222CGPLX(V3.311R01)	H.264	1	1920x1080	1-way	-	Yes	Yes	Yes	Yes	
TN- P1222CGPL X	V3.311R01	H.264	1	1920x1080	1-way	-	Yes	Yes	Yes	Yes	
TN- P1230CS	Refer to TN- P1222CGPLX(V3.311R01)	H.264	1	1920x1080	1-way	-	Yes	Yes	Yes	Yes	
TN- P3220CS	Refer to TN- P1222CGPLX(V3.311R01)	H.264	1	1920x1080	1-way	-	Yes	Yes	Yes	Yes	



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

			Video Ch	Max Resolution	IAudio	I / O Ch	IPI/	On-Edge Motion	IUPnP	Multi Stream Support	Remarks
TN- P3220CSIR	V3.311R01	H.264	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	
TN-	Refer to TN- P3220CSIR(V 3.311R01)	H.264	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes	



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For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I / O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
IPE1100		H.264 MPEG4 M-JPEG	1	720x582	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IPE3100		H.264 MPEG4 M-JPEG	1	768x576	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IPE3500		H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IPE3500M	1.6.7	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	
IPE4100	1.6.6	H.264 MPEG4 M-JPEG	1	720x576	1-way	4/2	Yes	Yes	Yes	Yes	
IPE5500		H.264 MPEG4 M-JPEG	1	752x582	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IPE6500		H.264 MPEG4 M-JPEG	1	752x582	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IPE7500		H.264 MPEG4 M-JPEG	1	752x582	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IPN100HD	1.4.0.11	H.264 M-JPEG	1	1280x720	1-way	1/1	-	Yes	Yes	Yes	
IPN1202HD	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
IPN2102HD	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
IPN302HD	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
IPN3102HD	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
IPN3202HD	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
IPN3502HD		H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
IPN3502HD IR	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
IPN6602HD	Refer to	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
IPN6802HD	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
IPX3302HD	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
IPX3702HD	Refer to IPN3502HD (1.4.0.11)	H.264 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
IPX4202HD	1.4.1.8	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes	



- : not avaliable on camera *1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format		Max Resolution	IΔudio	I / O Ch	IPT/	On-Edge Motion	UPnP	Multi Stream Support	Remarks	
IPX4602HD	Refer to IPX4202HD (1.4.1.8)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes		
NVC1000	1.6.7	H.264 MPEG4 1 720x576 1-way 2/2 Yes Yes Yes Yes H.264 H.264 MPEG4 1 720x576 1-way 2/2 Yes Yes Yes										
NVC4000	1.6.7	H.264 MPEG4 1 720x576 1-way 2/1 Yes Yes Yes Yes M-JPEG										
Note:				video server -R40 are campat	tible with	NVC400	0					
Note:	UDP cameras are likely disconnected if configuring camera parameter frequently. This is the known issue from camera vendor. When encountering this issue, please reboot the camera.											
Note:	UDP cameras are likely disconnected if setting up highest quality. This is the known issue from camera vendor. When encountering this issue, please reboot the camera, and do not set up this configuration.											



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks		
NVS202	2014.10.14_ v.1.1.5.20	H.264 MJPEG	1	960x576	1-way	1/1	Yes	Yes	Yes	Yes			
Note:	24 hours. (Ca	ımera Limi	tation Is	network segme ssue) more than 2M		•	•			•			
M2TiA	VISION_201 4.09.10_v.1. 1.5.19	H264	1	1920x1080	-	-	-	Yes	Yes	Yes			
Note:	issue) 2. Brightness 3. When reso	Snapshot are not supported due to camera limitation with 2nd stream format set to MJPEG. (Camera limitation sue) Brightness setting is not synchronized with camera web. (Camera limitation issue) When resolution of main stream is VGA, resolution of 2nd stream is not synchronized with camera web. amera firmware issue)											
MTi	VISION 1.1.5.10 20140109	H264	1	1280x1024	-	1	-	Yes	Yes	Yes			
VD102i	refer to M2TiA(VISIO N 1.1.5.10 20140109)	H264	1	1920x1080	-	1	-	Yes	Yes	Yes	Supported by design		
VD10M2	M2TiA(VISIO N_2014.09.1 0_v.1.1.5.19	H264	1	1920x1080	-	-	-	Yes	Yes	Yes	Supported by design		
VN10M2	refer to M2TiA(VISIO N_2014.09.1	H264	1	1920x1080	-	-	-	Yes	Yes	Yes	Supported by design		
VN200i	refer to M2TiA(VISIO N 1.1.5.10 20140109)	H264	1	1920x1080	-	-	-	Yes	Yes	Yes	Supported by design		
Note:	 Do not support MJPEG setting. M2TiA sereies H264 D1 resolution can't be set. (camera firmware issue) Brightness value can be changed, but has no effect. NUUO use dual mode as connection. 												
VISION i	IP VISION 1.1.0.16 20120316	MJPEG H264	1	720x480	1-way	1/1	-	Yes	-	Yes			
Note:	VISION i Car (Hardware iss		netimes	audio from ma	achine w	ould fai	l, but th	nere is chand	ce to re	cover after r	eboot.		



: not avaliable on camera*1: not avaliable on software*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks	
VN6XSM2Ti-IR	refre to VN7XSM2Ti- IR(VISION_2 014.09.10_v .1.1.5.19)	H.264	1	1920x1080	1-way	-	-	Yes	Yes	Yes	Supported by design	
VN7XSM2Ti-IR	VISION_201 4.09.10_v.1. 1.5.19	H.264	1	1920x1080	1-way	-	-	Yes	Yes	Yes		
Vision Mi	1.1.2.46	MJPEG H264	1	1280x720	1-way	1/1	-	Yes	-	Yes		
Note:	2. When setu	p maximur I.264 withi	n settin n 1920x	n MJPEG. (cam g of camera pa (1080, 30 fps,	ırametei	s, the r	eal FPS			-		
VISION M3i	1.1.2.46	MJPEG H264	1	1920x1080	-	1/0	Yes	Yes	-	Yes		
Note:	 Does not s When setu 	upport Qua p maximur	ality with m setting	VN7XSM3i han MJPEG. (cam g of camera pa	iera firm Irametei	ware is s, the r	sue) eal FPS	could not re	each ori			
VISION NVS102	IP VISION 1.1.0.16 20120316	MJPEG H264	1	720x480	1-way	1/1	Yes	Yes	-	Yes		
Note:	Need to reboo	of NTSC/Pot camera	after sw	can be switche itched NTSC/P etting. Change	AL, ther	n MainCo	onsole v	vill detect co				
VISION M3Ti	1.1.5.13 20140227	H264	1	QXGA	1-way	1/1	Yes	Yes	Yes	Yes		
Note:				ction. (camera p. (camera firr)					
VISION VDA101SM2Ti	refre to VN7XSM2Ti- IR(VISION 2	H.264	1	1920x1080	1-way	-	-	Yes	Yes	Yes	Supported by design	
VPD202BM2Ti- IR	1.1.5.20 20141113	H.264 MJPEG	1	1920x1080	1-way	4/2	Yes	Yes	Yes	Yes*		
Note:	VPD202BM2Ti-IR: 1. In triple mode, bitrate of 2nd stream cannot reach to 500kbps. (Camera limitation issue) 2. Snapshot only support when 2nd stream format is MJPEG. (Camera limitation issue)											
VISION VPD101PM2Ti	refre to VN7XSM2Ti- IR(VISION_2 014.09.10_v .1.1.5.19)	H.264	1	1920x1080	1-way	-	-	Yes	Yes	Yes	Supported by design	



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks		
VK2- 1080BIR35 V16e	refer to VK2- 1080VRDIR3 5V16e(1.1.8)	H.264 MPEG4	1	1920x1080	-	-	-	Yes	Yes	Yes	Supported by design		
VK2- 1080BIR37 e	refer to VK2- 1080VRDIR3 5V16e(1.1.8)	H.264 MPEG4	1	1920x1080	-	-	-	Yes	Yes	Yes	Supported by design		
VK2- 1080BIR3V 9F	2.0.3- T4_Release	H.264 MPEG4	1	1920x1080	-	-	-	Yes	Yes	Yes			
Note:	1920x1080. (2. Cannot set 1280x1024. (3. Cannot set 1280x720. (C 4. Cannot set (Camera firm)	Camera fir tup the res Camera fir up the reso amera firm up the reso ware issue	mware i olution to mware i olution to nware is olution to	to 1920x1080 ssue) o 1920x1080 a	and 1280 and 1280 eam 1"	0x720 c 0x1024 when th	of Stream of Stream	m2 when the m2 when the ution of Stre	e resolu ne resolu	tion of Strea	m 1 is		
VK2- 1080VFD3V 9F	2.2.4- T3_Release	H.264 MPEG4	1	1920x1080	-	1/0	Yes	Yes	Yes	Yes			
Note:	1.VK21080VF	D3V9F PTZ	only su	ipport zoom &	focus								
VK2- 1080VFDIR 37e	refer to VK2- 1080VRDIR3 5V16e(1.1.8)	H.264 MPEG4	1	1920x1080	-	-	-	Yes	Yes	Yes	Supported by design		
VK2- 1080VRD	2.2.64	H.264 M-JPEG	1	1920x1080	1-way	2/0	-	Yes	Yes	Yes			
VK2- 1080VRD3V 9	1.8.8- T4_Release	H.264 MPEG4	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes			
VK2- 1080VRDIR 3V9F	1.7.0- T4_release	H.264 MPEG4	1	1920x1080	1-way	1/0	Yes	Yes	Yes	Yes			
VK2- 1080VRDIR 35V16e	1.1.8- T8_Release	H.264 MPEG4	1	1920x1080	-	1	-	Yes	Yes	Yes			
37e	refer to VK2- 1080VRDIR3 5V16e(1.1.8)	H.264 MPEG4	1	1920x1080	-	-	-	Yes	Yes	Yes	Supported by design		
VK2- 1080XVRDP TZ	1.2.1- X1_release	H.264	1	1920x1080	1-way	1/0	Yes	Yes	Yes	Yes			
VK2- 2MPVRD	2.2.64	H.264 M-JPEG	1	1600x1200	1-way	2/0	-	Yes	Yes	Yes			
Note:	VK2-1080VRD/VK2-2MPVRD: on-edge motion of video with M-JPEG codec works only as stream 1 is enabled on camera web.												
Note:	VK2-1080VRD/VK2-2MPVRD: camera may be disconnected if users configure format as H.264 on one NVR and configure format M-JPEG on another.												
VK2- 540VRD	2.1.8-release	H.264 MPEG4	1	704x576	1-way	1/0	-	Yes	Yes	Yes			



- : not avaliable on camera *1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware		Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion		Multi Stream Support	Remarks		
VK2- 600PTZ	2.1.8-release	H.264 MPEG4	1	704x576	1-way	1/0	Yes	Yes	Yes	Yes			
Note:	The operation of setting preset point is special because setting password is a must. We suggest users finish preset point settings on camera web.												
VK2- VGAVFD	1.7.4- T2_release	1.7.4- H.264 1 640x480 - 1/0 - Yes Yes Yes											
Note:	All cameras: modifying parameter frequently may lead to camera shutdown due to slow CGI response.												
Note:	All cameras: the port value we get is always 80 via UPnP search, which implies the cameras would be disconnected if users change HTTP port to another number on camera web.												



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*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch		Audio	1/0 Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
AF5127	Refer to FE8172 (FW FE8172- VVTK-0100f)	H.264 MPEG4 M-JPEG	1	1920x1920	1-way	*2	-	Yes	*2	Yes*	Supported by design
AF5127V	Refer to FE8172 (FW FE8172- VVTK-0100f)	H.264 MPEG4 M-JPEG	1	1920x1920	1-way	*2	-	Yes	*2	Yes*	Supported by design
Note:	AF5127 and A	F5127V ar	e fishey	e camera							
AB5353H	Refer to IP8335H (FW 0100h)	H.264 MPEG4 M-JPEG	1	1280x800	1-way	*2	-	Yes	*2	Yes*	Supported by design
BB5315	Refer to IP8332	H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	Yes	Yes	Yes*	Supported by design
BB5116	Refer to IP8161	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	Yes*	Yes	Yes	Yes*	Supported by design
BD5115	Refer to FD8134	H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	Yes	Yes	Yes*	Supported by design
CC8130	0100d	H.264 M-JPEG	1	1280x800	1-way	0/0	-	Yes	Yes	Yes*	
Note:	fisheye came	ra									
FD61x2		MPEG4 M-JPEG	1	720x480	1-way	1/1	-	Yes	Yes	-	Supported by design
FD7130	0100e	MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	
FD7131		MPEG4 M-JPEG	1	720x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
FD7132	0100f	MPEG4 M-JPEG	1	640x480	-	1/1	-	Yes	Yes	Yes	
FD7141	0100g	MPEG4 M-JPEG	1	720x480	-	1/1	-	Yes	Yes	Yes	
Note:	MPEG4: Unab	le to conne	ect throu	igh HTTP.							
FD7160		MPEG4 M-JPEG	1	1600x1200	-	-	-	Yes	Yes	Yes	Supported by design
FD8131	Refer to FD8133	H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	Yes	Yes	Yes*	Supported by design
FD8131V	0300d	H.264 MPEG4 M-JPEG	1	1280x800	-	*2	-	Yes	*2	Yes*	
FD8133	Refer to FD8134	H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	Yes	Yes	Yes*	Supported by design
Note:	FD8133V are		with FD	08133	<u> </u>						
FD8134	0100e	H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	Yes	Yes	Yes*	
Note:	FD8134-SS at		V are ca	mpatible with	FD8134						
FD8135H	0202C	M-JPEG H.264	1	1280x800	1-way	3/1	-	Yes	Yes	Yes*	
Note:	FW will casue	I/O status	incorre	ct and wrong re	esolution list			•		•	•
FD8136	0100f	MPEG4 M-JPEG H.264	1	1280x800	1-way	1/0	Yes*	Yes	Yes	Yes*	Tested by link



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio		PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
FD8137H	0101a	H.264 M-JPEG	1	1280x800	1-way	1/0(*2)	-	Yes	*2	Yes*	
FD8137HV	Refer to FD8137H(01 01a)	H.264 M-JPEG	1	1280x800	1-way	1/0(*2)	-	Yes	*2	Yes*	Supported by design
FD8138-H	Refer to IB8338- H(0100e)	H.264 M-JPEG	1	1280x800	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
FD8151V	0100c	H.264 M-JPEG	1	1280x1024	1-way	*2	-	Yes	*2	Yes*	Tested by link
FD8154	0100d	H.264 MJPEG	1	1280x1024	1-way	1/0	-	Yes	Yes	Yes*	
FD8155H	Refer to IP816A- HP(0100f)	H.264 M-JPEG	1	1920x1080	1-way	3/1	Yes*	Yes	Yes	Yes*	Supported by design
FD8161	0100h	MPEG4 M-JPEG H.264	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes*	
FD8162	Refer to FD8362	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	Yes*	Yes	Yes	Yes*	Supported by design
FD8163	0101b	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	*2	-	Yes	*2	Yes*	Tested by link
FD8164	0100d	H.264 M-JPEG	1	1920x1080	1-way	1/0	-	*2	*2	Yes*	Tested by link
FD8165H	Refer to IP816A- HP(0100f)	H.264 M-JPEG	1	1920x1080	1-way	3/1	Yes*	Yes	Yes	Yes*	Supported by design
FD8166	0100g	H.264 M-JPEG	1	1920x1080	1-way	*2	-	Yes	*2	Yes*	
FD8168	0100e	H.264 MJPEG	1	1920x1080	1-way	-	-	Yes	*2	Yes*	
FD8169	0100f	H.264 M-JPEG	1	1920x1080	-	-	-	Yes	*2	Yes*	
Note:	Video parame	ter's range	is displ	ayed incorrectl	y. (Camera f	îrmware is	sue)				
FD8171	0100e	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	*2	-	Yes	*2	Yes*	
FD8181	Refer to FD8381- EV(0101c)	H.264 MJPEG	1	2560x1920	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
FD8335H	0101a	H.264 MPEG4 M-JPEG	1	1200x800	1-way	3/1	-	Yes	Yes	Yes*	Tested by link
FD8335H	0100g	H.264 M-JPEG	1	1280x1024	1-way	*2	-	Yes	*2	Yes*	Tested by link
FD8338-HV	Refer to IB8338- H(0100e)	H.264 M-JPEG	1	1280x800	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
FD8355EHV	Refer to IP816A- HP(0100f)	H.264 M-JPEG	1	1920x1080	1-way	3/1	Yes*	Yes	Yes	Yes*	Supported by design
FD8361	0100d1	H.264 MPEG5 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes*	
FD8365EHV	Refer to IP816A- HP(0100f)	H.264 M-JPEG	1	1920x1080	1-way	3/1	Yes*	Yes	Yes	Yes*	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks	
Note:	FD8361 can't	set other r	esolutio	n on stream 3.	(camera FW	0202b fix	ed.)					
Note:	FD8361L are	campatible	with FD	8361								
FD8362	0100f	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	Yes*	Yes	Yes	Yes*		
FD8362E	Refer to FD8362	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	Yes*	Yes	Yes	Yes*	Supported by design	
FD8363	0102a	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*		
FD8365EHV	0100e	M-JPEG H.264	1	1920x1080	1-way	*2	-	Yes	*2	Yes*	Tested by link	
FD8367-V	0101b	M-JPEG H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*		
FD8367-TV	0101b	M-JPEG H.264	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*		
FD8371EV	0100i	H.264 MPEG4 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes*		
FD8372	0100f	H.264 MPEG4 M-JPEG	1	2580x1920	1-way	3/1	-	Yes	Yes	Yes*	Tested by link	
Note:	Mpeg4 suppo	rt first 2 m	axmium	resolutions are	e 1920x1920	& 1920x1	536					
FD8381-EV	0101c	H.264 MJPEG	1	2560x1920	1-way	1/1	-	Yes	Yes	Yes*		
Note:	2. Audio has3. Snapshot's4. Camera is	noise. (Can resolution unable to a	nera firr is same ichieve l	048x2048, we nware issue) e as stream 3. (high FPS. (Came amera firmware	(Camera limi era performa	tation)		irmware issu	ue)	Т	T	
FE8171	0100d	MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes*		
Note:	fisheye came	1		1	T		1	1		<u> </u>	1	
FE8172	FE8172- VVTK-0100f	H.264 MPEG4 M-JPEG	1	1920x1920	1-way	1/1	-	-	-	Yes*		
Note:	1. Not support CBR mode 2. MJPEG not support audio 3. Not support AAC audio 4. When resolution is 1360x786, video stream would have a white line at the left-buttom of the frame. 5. If set to Full HD mode, the low profile video stream would have a color line at the buttom of frame. 6. Link can not test UPnP and motion detection. 7. Fisheye camera											
FE8172V	Refer to FE8172 (FW FE8172- VVTK-0100f)	H.264 MPEG4 M-JPEG	1	1920x1920	1-way	*2	-	-	*2	Yes*		
FE8173	0100c	H.264 MPEG4 M-JPEG	1	1536x1536	1-way	*2	-	Yes	*2	Yes*		
Note:	fisheye came											
FE8174	0100e	H.264 MPEG4 M-JPEG	1	1920x1920	1-way	1/1	Yes*	Yes	Yes	Yes*		
Note:	Fisheye came		anual ca	libration in Cry	rstal							



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format		Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks			
FE8174V	Refer to FE8174(0100 e)	H.264 MPEG4 M-JPEG	1	1920x1920	1-way	1/1	Yes*	Yes	Yes	Yes*				
Note:		•	anual ca	libration in Cry	stal	•		•		•	•			
FE8180	0100f	H.264 MJPEG	1	1920x1920	-	-	-	Yes	Yes	Yes*				
Note:			٠.	is not synchro setting value.					era Firm	ware issue)				
FE8181	0200b	H.264 MPEG4 M-JPEG	1	1920x1920	1-way	1/1	Yes*	Yes	Yes	Yes*				
Note:	 PTZ only su Brightness 	ipport zoor & Contrast	n. range i	libration in Cry s not synchron resolution. (C	ize with web		Firmware	e issue)						
FE8391-V	0100f	H.264 MJPEG	1	2944x2944	1-way	1/1	-	Yes	Yes	Yes*				
Note:	2. Talk has no	. Camera is unable to achieve maximum FPS and Bit rate. (Camera performance limitation) . Talk has noise. (Camera performance limitation) . The list of camera bit rate control is not synchronized with the one on camera's web. (Camera Firmware issue)												
Generic	0101b	H.264 MPEG4 M-JPEG	1	AII	1-way	8/8	Yes*	Yes	Yes	Yes*				
IB8338-H	0100e	H.264 M-JPEG	1	1280x800	1-way	1/1	-	Yes	Yes	Yes*				
Note:		resolution	is same	nware issue) as stream 3. (amera firmware		tation)								
IB8367-RT	0100f	H.264 MJPEG	1	1920x1080	*2	*2	-	*2	*2	Yes*				
IB8369	0100f	H.264 M-JPEG	1	1920x1080	-	-	-	Yes	*2	Yes*				
Note:	Video parame	ter's range	is displ	ayed incorrectl	y. (Camera f	irmware is	sue)	l .			!			
IB8381	Refer to FD8381- EV(0101c)	H.264 MJPEG	1	2560x1920	1-way	1/1	-	Yes	Yes	Yes*	Supported by design			
IP21x1		M-JPEG	1	720x576	-	1/1	-	Yes	Yes	-	Supported by design			
IP21x2		M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design			
IP51x2		MPEG4	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design			
IP51x4		MPEG4	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design			
IP6114		MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design			
IP6124		MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design			



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*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
IP61x2		MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
IP61x4		MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
IP61X7		MPEG4 M-JPEG	1	720x576	1-way	1/1	-	Yes	Yes	-	Supported by design
IP7130	0100c	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
IP7131		MPEG4	1	704x576	1-way	1/1	-	Yes	Yes	-	Supported by design
IP7132		MPEG4	1	704x576	1-way	1/1	-	Yes	Yes	-	Supported by design
IP7133	0100b	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
IP7134	0100b	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
IP7135		MPEG4	1	704x576	1-way	-	-	Yes	Yes	-	Supported by design
IP7137		MPEG4	1	704x576	1-way	-	-	Yes	Yes	-	Supported by design
IP7138	0101h	MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	
IP7139		MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IP7142		MPEG4 M-JPEG	1	704x576	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IP7151		MPEG4 M-JPEG	1	704x576	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IP7152		MPEG4 M-JPEG	1	704x576	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IP7153		MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IP7154	0100b	MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes*	Yes	Yes	Yes	
IP7160	0101b	MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	
Note:	IP7160-SS is	campatible	e with IP	7160	!					<u>!</u>	
IP7161		MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Note:	IP7161-SS is	campatible	e with IP	7161							
IP71x7		MPEG4	1	704x576	1-way	1/1	-	Yes	Yes	-	Supported by design
IP7251	0100f	MPEG4	1	640x480	1-way	1/1	Yes*	Yes	Yes	Yes	
Note:	MPEG4: Una	ble to conn	ect throu	ıgh HTTP.					•		•



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
IP7330		MPEG4 M-JPEG	1	640x480	-	1/0	-	Yes	Yes	Yes	Supported by design
IP7361		MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
IP8130	0100e	H.264 M-JPEG	1	1280x800	1-way	*2	-	Yes	*2	Yes*	
IP8130W	Refer to IP8130(0100 e)	H.264 M-JPEG	1	1280x800	1-way	*2	-	Yes	*2	Yes*	Supported by design
IP8131	Refer to IP8131W(010 0e)	H.264 M-JPEG	1	1280x800	1-way	*2	-	Yes	*2	Yes*	Supported by design
IP8131W	0100e	H.264 M-JPEG	1	1280x800	1-way	*2	-	Yes	*2	Yes*	
IP8132		H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/0	-	Yes	Yes	Yes*	Supported by design
IP8133W	0100c	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
Note:	Due to the pa	•	nitation	of stream 1, w	e take strear	n 2 as mai	n strear	n for record	ing and	liveview.	•
IP8151	0200a	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes*	Yes	Yes	Yes*	*
Note:	2. This camera	a FW is un	der testi	ampatible with ng by manufac i is not continu	cturer, so the						
IP8152	0100e	H.264 M-JPEG	1	1280x1024	1-way	1/0	Yes*	Yes	Yes	Yes*	
Note:	IP8152: CGI r	eturn a wr	ong PTZ	capability						l	,
IP8155HP	Refer to IP816A- HP(0100f)	H.264 M-JPEG	1	1920x1080	1-way	3/1	Yes*	Yes	Yes	Yes*	Supported by design
IP8155HP	0100d	H.264 M-JPEG	1	1280x1024	1-way	3/1	-	Yes	Yes	Yes*	
IP8161	0100k	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	Yes*	Yes	Yes	Yes*	
Note:	IP8161-SS is		with IP	8161	•	•		•	•		
IP816A-HP	0100f	H.264 M-JPEG	1	1920x1080	1-way	3/1	Yes*	Yes	Yes	Yes*	
Note:	3. Camera is u 4. Can't use H	resolution unable to a lome. (Car	is same achieve l nera firr	as stream 3. (cam	nera performa	ance limita	tion)	1	ı	1	
IP8162	0100f	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	
Note:				ampatible with n decrease to		tching dua	I stream	video, which	ch is the	e limitation o	f camera HW.
IP8165HP	Refer to IP816A- HP(0100f)	H.264 M-JPEG	1	1920x1080	1-way	3/1	Yes*	Yes	Yes	Yes*	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
IP8165HP	0100d	H.264 M-JPEG	1	1920x1080	1-way	3/1	-	Yes	Yes	Yes*	
IP8172	0100a0	MPEG4 M-JPEG H.264	1	2560x1920	1-way	1/1	-	Yes	Yes	Yes*	
Note:	Not support (•	n MainC	onsole, MJPEG	not support	audio, Not	support	t AAC audio		<u>.</u>	•
IP8173H	0100i	MPEG4 M-JPEG H.264	1	2048x1536	1-way(*2)	1/0(*2)	*2	Yes	*2	Yes*	
IP8330	0100e	H.264 MPEG4 M-JPEG	1	640x480	-	1/0	-	Yes	Yes	Yes*	
IP8331	0100c	H.264 MPEG4 M-JPEG	1	640x480	-	1/0	-	Yes	Yes	Yes*	
IP8332		H.264 MPEG4 M-JPEG	1	1280x800	-	1/0	-	Yes	Yes	Yes*	Supported by design
Note:	IP8332-SS is	campatible	with IP	8332							
IP8335H	0100h	MPEG4 M-JPEG H.264	1	1280x800	1-way	3/1	-	Yes	Yes	Yes*	
Note:				can't testing b EG4 format as	,	stream and	d Vivote	k 1st strean	n as NUI	JO 2nd strea	m I
IP8336W	0102b	MPEG4 M-JPEG	1	1280x800	1-way	1/0(*2)	-	Yes	*2	Yes*	
IP8337H-C	0100b	H.264 M-JPEG	1	1280x800	-	1/0(*2)	-	Yes	*2	Yes*	
IP8352	0100g	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
Note:	release, pleas			put and output camera FW the		iggered at	the san	ne time. Viv	otek wil	I fix the bug	in next
IP8355EH	Refer to IP816A- HP(0100f)	H.264 M-JPEG	1	1920x1080	1-way	3/1	Yes*	Yes	Yes	Yes*	Supported by design
IP8355EH	0100e	H.264 MJPEG	1	1280x1024	1-way	*2	-	Yes	*2	Yes*	
IP8361	0100c	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes*	Tested by link
IP8362	0100d	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes*	Supported by design
IP8364	0101a	H.264 M-JPEG	1	1920x1080	-	1/0(*2)	-	Yes	*2	Yes*	
IP8365EH	Refer to IP816A- HP(0100f)	H.264 M-JPEG	1	1920x1080	1-way	3/1	Yes*	Yes	Yes	Yes*	Supported by design
IP8365EH	0100e	H.264 MJPEG	1	1920x1080	1-way	*2	-	Yes	*2	Yes*	
IP8371E	0100g	MPEG4 M-JPEG H.264	1	2048x1536	1-way(*2)	1/1(*2)	-	*2	*2	Yes*	
IP8372	0100e	MPEG4 M-JPEG H.264	1	2560x1920	1-way	*2	-	Yes	*2	Yes*	Tested by link
IZ7151		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes*	Yes	Yes	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I / O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
Note:	PTZ Support:	zoom only									
MD7530	0100d	MPEG4 M-JPEG	1	640x480	1-way	1/0	-	Yes	Yes	Yes	
MD7560	0100c	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/0	-	Yes	Yes	Yes	
MD7560X	Refer to MD7560	H.264 MPEG4 M-JPEG	1	1600x1200	1-way	1/0	-	Yes	Yes	Yes	Supported by design
MD8531H	0100h	MPEG4 M-JPEG H.264	1	1280x960	1-way	*2	-	Yes	*2	Yes*	
Note:	Video parame	eter setting	is incor	rect displayed.							
MD8562	0100c	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/0	-	Yes	Yes	Yes*	
Note:	The frame ra	te of main s	stream c	lecrease to the	half if watch	ning dual st	ream vi	deo, which	is the lir	mitation of ca	amera HW.
MS8391-EV	0100e	H.264 MJPEG	1	7552x1416	*2	*2	-	*2	*2	Yes*	
Note:	2. Brightness	& Contrast unable to a	range o	ronize with we an not synchro maximum FPS	onize with we	eb. (Camer	a Firmw	are Issue)			e)
PD8136	0100e	H.264 MPEG4 M-JPEG	1	1280x800	1-way	0/0	Yes*	Yes	*2	Yes*	
Note:	PD8136: No s	support zoo	m.								
PT7000		MPEG4	1	720x576	1-way	-	Yes*	Yes	Yes	-	Supported by design
PT7135		MPEG4	1	720x576	1-way	-	Yes*	Yes	Yes	-	Supported by design
PT7137		MPEG4	1	704x576	1-way	-	Yes*	Yes	Yes	-	Supported by design
PT8133	0100e	MPEG4 M-JPEG H.264	1	1280x800	1-way	-	Yes*	Yes	Yes	Yes	
PZ61x2		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes*	Yes	Yes	-	Supported by design
PZ61x4		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes*	Yes	Yes	-	Supported by design
PZ7131	0100b	MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes*	Yes	Yes	Yes	
PZ7132		MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes*	Yes	Yes	Yes	Supported by design
PZ7151	0101b	MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes*	Yes	Yes	Yes	
Note:	MPEG4: Unab	le to conne	ct throu	<u>I </u>	l .	<u> </u>	<u> </u>	<u>I</u>	<u> </u>	1	1
PZ7152		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes*	Yes	Yes	Yes	Supported by design
PZ71X1		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes*	Yes	Yes	Yes	Supported by design
PZ71X2		MPEG4 M-JPEG	1	704x576	1-way	1/1	Yes*	Yes	Yes	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

			Yes*: .	Joystick supp	ort to contr	OLPIZ SP	eed in	Crystal		In a					
Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks				
PZ81x1	0100e	MPEG4	1	720x480	1-way	3/2	Yes*	Yes	Yes	Yes*					
Note:	PZ-81x1W is		with PZ	81x1											
SD61x2		MPEG4 M-JPEG	1	720x576	1-way	4/1	Yes*	Yes	Yes	-	Supported by design				
SD7151	0101d	MPEG4 M-JPEG	1	720x576	1-way	4/1	Yes*	Yes	Yes	Yes					
Note:	No audio sup MPEG4: Unal														
SD73X3		MPEG4 M-JPEG	1	704x576	1-way	4/1	Yes*	Yes	Yes	Yes	Supported by design				
SD81X1	0100e	MPEG4 M-JPEG	1	704x576	1-way	4/1	Yes*	Yes	Yes	Yes*					
Note:		. SD8121-SS is campatible with SD81X1 . SD81X1: Audio, I/O, Upnp can't testing by link													
SD8362E	0104a	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	3/2	Yes*	Yes	Yes	Yes*					
Note:	2. SD8362E	. SD8362E-SS is campatible with SD8362E . SD8362E : Audio, I/O, Upnp can't testing by link . Work with SF8172 as PPTZ model													
SD8363E	0202b	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	*2	Yes*	Yes	*2	Yes*					
Note:	1.Work with 2.Video para			odel orrect displaye	d.										
SD83x1	Refer to SD83x3	H.264 MPEG4 M-IPEG	1	720x480	1-way	3/2	Yes*	Yes	Yes	Yes*	Supported by design				
Note:	SD83x1 and	SD83x2 are	detecte	ed as SD83x3.											
SD83x2	Refer to SD83x3	H.264 MPEG4 M-JPEG	1	720x480	1-way	3/2	Yes*	Yes	Yes	Yes*	Supported by design				
Note:	SD83x1 and	SD83x2 are	detecte	ed as SD83x3.											
SD83x3	0102d	H.264 MPEG4 M-JPEG	1	720x480	1-way	3/2	Yes*	Yes	Yes	Yes*					
Note:	SD83x3-SS i		with S	D83x3											
SD83x4	0200c	H.264 MPEG4 M-JPEG	1	720x480	1-way	4/2	Yes*	Yes	Yes	Yes*	Supported by design				
SD83x6	0200c	H.264 MPEG4 M-JPEG	1	720x480	1-way	4/2	Yes*	Yes	Yes	Yes*					
SD8362	0104a	MPEG4 M-JPEG H.264	1	1920x1080	1-way	1/1	Yes*	Yes	Yes	Yes*	Tested by link				
Note:	Work with SF		TZ mode	el											
SD8364E	0200d	H.264 M-JPEG MPEG4	1	1920x1080	1-way	*2	Yes*	Yes	*2	Yes*					
SD9364- EHL	0100h_15	H.264 H.265 MJPEG	1	1920x1080	*2	4/2	Yes*	*2	*2	Yes*					
Note:	1. Camera ca		ve the s	ettings of fram	e rate or bit	rate. (Cam	era Firm	ware issue)		•					



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Crystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	1/0 Ch	PTZ	On-Edge Motion	UPnP	Multi Stream	Remarks
SF8172	0100d	H.264 MPEG4 M-JPEG	1	1920x1920	1-way	1/1	-	Yes	Yes	Support Yes*	
SF8172V	Refer to SF8172(FW 0100d)	H.264 MPEG4 M-JPEG	1	1920x1920	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
Note:		PPTZ. camera. 1080p strea		ection to came PU decode perf			ps, but	the second	1080p s	tream conne	ection can't. It
SF8174	0100c	MPEG4 M-JPEG H.264	1	1920x1920	1-way	*2	-	Yes	*2	Yes*	
Note:	1. SD8363E a 2. Fisheye ca		are PPT	Z		I				<u> </u>	
TC5331		MPEG4	1	720x576	1-way	-	-	Yes	Yes	-	Supported by design
TC5630		MPEG4	1	720x576	1-way	-	-	Yes	Yes	-	Supported by design
TC5631		MPEG4	1	720x576	1-way	-	-	Yes	Yes	-	Supported by design
VS2101		M-JPEG	1	720x576	-	1/1	-	Yes	Yes	-	Supported by design
VS2401		M-JPEG	4	720x576	-	4/2	-	Yes	Yes	-	Supported by design
VS2402		M-JPEG	4	720x576	-	4/2	-	Yes	Yes	-	Supported by design
VS2403	0103b	M-JPEG	4	720x576	1-way	4/4	Yes*	Yes	Yes	-	
VS7100	0101e	MPEG4 M-JPEG	1	720x576	-	1/1	Yes*	Yes	Yes	Yes	
Note:	MPEG4: Unat	ole to conne	ect throu	gh HTTP.							_
VS8100	0100g	H.264 MJPEG	1	720x576	1-way	0/0	Yes*	Yes	Yes	Yes*	
VS8102	0202c2	H.264 MPEG4 M-JPEG	1	720x576	1-way	1/1	Yes*	Yes	Yes	Yes*	
VS8401	0201b	H.264 MPEG4 M-JPEG	4	720x480	1-way	4/4	Yes*	Yes	-	Yes*	
VS8801	0202a3	H.264 MPEG4 M-JPEG	8	720x576	1-way	8/8	Yes*	Yes	Yes	Yes*	*
Note:		e no respon		Tilt speed 1~: Pan speed 4~							
Note:	Audio: All ca	meras don't	suppor	t AAC audio co	dec, but GSN	Л-AMR.					



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Cystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks		
MPIX- 21DF	2.420.WT0 0.0.T, build : 2014-06- 19		1	1920x1080	1	1	ı	Yes	Yes	Yes*			
Note:	with camera 2. The came	a. (Camera era can't k merate se	a firmwa be searcet to 1 a	on camera will chare issue) th by auto detect and record dynar	tion funct	ion and	UPNP	tool. (Came	era firm	ware issue)			
MPIX- 30-VDV- IRM	2.420.WT0 0.0.T	H.264 MJPEG	1	2048x1536	-	1/1	Yes	Yes	Yes	Yes			
Note:	1. The range of parameter on camera will be changed by other parameter setting, thus our parameter dialog can't synchornize with camera. (Camera firmware issue) 2. Not support Zoom and Focus. (Camera firmware issue) 3. Not support UPnP search. (Camera firmware issue) 4. Not support Auto Detection. (Camera firmware issue) 5. The range of bitrate and value are different from camera web under MJPEG. (Camera firmware issue) 6. Get camera config will be failed when triple stream are MJPEG with highest parameter. (Camera performance limitation)												
MPIX- 50BIMR	2.210.WT0 0.0.R	H.264 MJPEG	1	2560x1920	1-way	2/1	Yes	Yes	Yes	Yes			
Note:	1. The range of parameter on camera will be changed by other parameter setting, our parameter dialog can't synchornize with camera. (Camera firmware issue) 2. Not support UPNP search. (Camera firmware issue) 3. Not support Auto Detection. (Camera firmware issue) 4. Audio in with 16 KHz sampling rate is not supported. 5. PCM in audio format can't be used. (Camera firmware issue) 6. Sub stream can't be used in MJPEG. (Camera firmware issue)												



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Cystal

For PTZ:

			Video Ch	Max Resolution	Audio	I / O Ch	IPT7	On-Edge Motion	UPnP	Multi Stream Support	Remarks
WK- SD6000HD	v1 4 1 8	H.264 MJPEG	1	1920x1080	1-way	-	*2	*2	*2	*2	Tested by link

Yudor

: not avaliable on camera*1: not avaliable on software

*2: not test on software For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Snapshot	Remarks
YUC- H626A	Refer to YUC- H7A26A(VE1.0.20 .10_Y)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- H7926A	Refer to YUC- H7A26A(VE1.0.20 .10_Y)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- H7926AM	Refer to YUC- H7A26A(VE1.0.20 .10_Y)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- H7982	Refer to YUC- H7A82(VH1.0.0.3 _Y)	H.264 MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- H7982M	Refer to YUC- H7A82(VH1.0.0.3 _Y)	H.264 MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- H79882	Refer to YUC- H7A82(VH1.0.0.3 _Y)	H.264 MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- H7A82	VH1.0.0.3_Y	H.264 MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	Yes*	Yes	
Note:	Camera cannot Stream 1 cannot performance limita Resolution list a Audio has noise	t achieve r ation) and bitrate	naximur Iist doe	m FPS when str s not synchron	eam 2 cor	inect wi	th MJPE	G and high	resoluti			Camera
YUC- H7A26A	VE1.0.20.10_Y	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Yes	
Note:	Stream2 cannot Audio codec onl						s simult	aneously. (Camera	performano	ce limitation)
YUC- H7A855	Refer to YUC- H7A26A(VE1.0.2 0.10_Y)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- H7B82	Refer to YUC- H7A82(VH1.0.0.3 _Y)	H.264 MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- H7B82M	Refer to YUC- H7A82(VH1.0.0.3 _Y)	H.264 MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- H7B882	Refer to YUC- H7A82(VH1.0.0.3 _Y)	H.264 MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- HB26A	Refer to YUC- H7A26A(VE1.0.2 0.10_Y)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- HB855	Refer to YUC- H7A26A(VE1.0.2 0.10_Y)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- HC26A	Refer to YUC- H7A26A(VE1.0.2 0.10_Y)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- HC855	Refer to YUC- H7A26A(VE1.0.2 0.10_Y)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design

YUC- HD26A	Refer to YUC- H7A26A(VE1.0.2 0.10_Y)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- HD855	Refer to YUC- H7A26A(VE1.0.2 0.10_Y)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- HH26A	Refer to YUC- H7A26A(VE1.0.2 0.10_Y)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- HH855	Refer to YUC- H7A26A(VE1.0.2 0.10_Y)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- Hi26A	Refer to YUC- H7A26A(VE1.0.2 0.10_Y)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- Hi26AM	Refer to YUC- H7A26A(VE1.0.2 0.10_Y)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC-Hi82	Refer to YUC- H7A82(VH1.0.0.3 _Y)	H.264 MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- Hi82M	Refer to YUC- H7A82(VH1.0.0.3 _Y)	H.264 MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- Hi882	Refer to YUC- H7A82(VH1.0.0.3 _Y)	H.264 MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- HK26A	Refer to YUC- H7A26A(VE1.0.2 0.10_Y)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- HK855	Refer to YUC- H7A26A(VE1.0.2 0.10_Y)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- HL26A	Refer to YUC- H7A26A(VE1.0.2 0.10_Y)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- HL26AM	Refer to YUC- H7A26A(VE1.0.2 0.10_Y)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- HL82	Refer to YUC- H7A82(VH1.0.0.3 _Y)	H.264 MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- HL882	Refer to YUC- H7A82(VH1.0.0.3 _Y)	H.264 MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- HMi855	Refer to YUC- H7A26A(VE1.0.2 0.10_Y)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- HNi855	Refer to YUC- H7A26A(VE1.0.2 0.10_Y)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- HP82	Refer to YUC- H7A82(VH1.0.0.3 Y)	H.264 MJPEG	1	2688x1520	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- HQ26A	Refer to YUC- H7A26A(VE1.0.2 0.10_Y)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- HQ855	Refer to YUC- H7A26A(VE1.0.2 0.10_Y)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- HS26A	Refer to YUC- H7A26A(VE1.0.2 0.10_Y)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design

YUC- HS855	Refer to YUC- H7A26A(VE1.0.2 0.10_Y)	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Yes	Support by design
YUC- HV26A	Refer to YUC- H7A26A(VE1.0.2 0.10_Y)	H.264 MJPEG	1	1920x1080	1-way	1/1	1	Yes	Yes	Yes*	Yes	Support by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Cystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
B5010	Refer to Beward N600 (M2.0.9.13.1 _ENG)	H.264 MPEG4 M-JPEG	1	640x480	-	-	-	Yes	Yes	Yes	Supported by design
B5110	MG.0.6.01_C	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
B5111	M2.1.6.02C0 45	H.264 MPEG4 M-JPEG	1	1280x800	-	-	-	Yes	Yes	Yes*	
Note:				1PEG4 and high r Ition list can not						performance lin	mitation)
B5210	M2.1.6.05	H.264 MPEG4 M-JPEG	1	1920x1080	-	-	-	Yes	Yes	Yes*	
Note:	1. Resolution	list can no	t synchr	onize with web i	n MPEG4. (0	Camera	Firmwar	e issue)			
B6110	MG.0.6.01_C	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
B6210	03_C002	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	Yes*	
Note	1. Framerate	is unable	to achiev	ve setting value i	in MJPEG 19	20x108	0. (Cam	era perform	ance lin	nitation)	
B6220	03_C002	H.264 MJPEG	1	1920x1080	1-way	2/1	-	Yes	Yes	Yes*	
Note:				setting bit rate. (low. (Camera F			ssue)				
B6320	01_C018	H.264 H.265 M-JPEG	1	2048x1520	-	-	-	Yes	Yes	Yes*	
Note:	3. Quality list	ts from Cr osaic happe can not sy	en in 230 ynchroni	D4x1296 MJPEG. ze with web. (Caze with web in M	ımera Firmv	are issu	ıe)				
B6520	01_C018	H.264 H.265 MJPEG	1	2560x1920	-	-	_	Yes	Yes	Yes*	
Note:		ts from Cr eb does no	t have V	 VDR setting. (Ca ze with web. (Ca							
B7210	M2.1.6.04	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	-	Yes	Yes	Yes	
Note:	2. Camera is	I failed who	achieve	ng the resolution maximum FPS.((mly.(Camera fire	Camera perf	ormanc					



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Cystal

For PTZ:

Yes*: Joystick support to control PTZ speed in Crystal

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
37320	M3.1.5.17	M-JPEG H.264	1	2048x1536	1-way	2/2	-	Yes	Yes	Yes	
Note	1.Not suppor	t audio in.									
B7510	M3.1.5.19	H264 MJPEG	1	2560x1920	1-way	2/2	-	Yes	Yes	Yes	
38210	M2.1.5.20	H.264 MJPEG	1	1920x1080	1-way	2/2	Yes*	Yes	Yes	Yes*	
Note:	 Camera w Move can' 	ith highest t not move	resolution to cente	camera Firmware on is unable to a er. (Camera Firm ze with web. (Ca	ichieve max nware issue))		nera perforr	nance lii	nitation)	
B8220	01_C020	H.264 H.265 MJPEG	1	1920x1080	1-way	2/2	Yes	Yes	Yes	Yes*	
Note:	3. Audio has 4. Not G.726	esolution of noise with support. (stream AMR. (C NUUO se	2. 3 will not sync w camera firmware erver limitation) maximum FPS w	e issue)				·	e limitation)	
B8520	01_C020	H.264 H.265 MJPEG	1	2560x1920	1-way	2/2	Yes	Yes	Yes	Yes*	
Note:	 Camera w Sever reso 	ter with hig ith highest plution list i	hest bit resolutions not sa	e. rate, quality, reson and MJPEG fo me as web page erver limitation)	rmat is una	ble to a	chieve n	naximum fps	s. (Came	era performance	· limitation)
D3100	M2.1.6.02.0 830	H.264 MPEG4 M-JPEG	1	1280x800	-	1/1	-	Yes	Yes	Yes	
Note:	1. Not suppo	rt audio.									
D3200	M2.1.6.02C0 66	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
Note:		ınction is u	nworked	AMR 7.95 I in AMR mode. 4 is up to 20 FPS	S in 1920x1	080 and	1280x8	300. It's the	limitatio	on of hardware	
D4210	M2.1.5.11	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	
D4211	Refer to D4210(M2.1.5.11)	H264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
D4320	01_C020	H.264 H.265 MJPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes*	
Note:		rts from Cry noise. (Car	nera Fir	mware issue) erver limitation)							

4. Quality list may not be synchronized with camera web. (Camera Firmware issue)



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Cystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
D4520	01_C017	H.264 H.265 MJPEG	1	2560x1920	1-way	1/1	-	Yes	Yes	Yes*	
Note:	 Frame rate Bitrate is u Frame rate 	list can no nable to a is unable	ot sync v chieve s to achie	web in MJPEG w with web. (Came etting value. (Ca ve 30 fps in MJP JO server limitati	era firmware Imera perfoi EG with 192	issue) mance	limitatio	n)	·	itation)	
D510E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
D5110	Refer to D5111	H.264 MPEG4 M-JPEG	1	1280x1024	-	2/2	Yes	Yes	Yes	Yes	Supported by design
D5111	MG.1.6.03P7 _app7	H.264 MPEG4 M-JPEG	1	1280x1024	-	2/2	Yes	Yes	Yes	Yes	
D5112	Refer to D5113 (M2.1.6.01)	H.264 MPEG4 M-JPEG	1	1280x720	-	1/1	-	Yes	Yes	Yes	Supported by design
D5113	M2.1.6.01	H.264 MJPEG MPEG4	1	1280x720	-	1/1	-	Yes	Yes	Yes	
D520E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
D5210	M2.1.6.04	H.264 MPEG4 M-JPEG	1	1920x1080	-	1/1	-	Yes	Yes	Yes*	
Note:	Due to camer limitation)		n, some	e video setting w	ill fail. This	situatior	will be	same as ca	mera w	eb. (Camera per	formance
D610A	LM.1.6.16	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
D6111	MG.0.6.01_C 1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
D611E		MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
D6210	03_C002	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	Yes*	
Note:	1. Framerate		to achiev	e setting value	in MJPEG 19	20x108	0. (Cam	era perform	ance lir	nitation)	•
D6220	Refer to B6220(03_C 002)	H.264 MJPEG	1	1920x1080	1-way	2/1	-	Yes	Yes	Yes*	Supported by design
D6320	01_C013	H.264 H.265 M-JPEG	1	2048x1520	-	-	-	Yes	Yes	Yes*	
Note:	3. Quality list	saic happe can not sy	en in 230 Inchroni	2. D4x1296 MJPEG. ze with web. (Ca ze with web in M	amera Firmv	vare issu	ıe)				
D6520	Refer to	H.264 H.265 MJPEG	1	2560x1920	-	-	-	Yes	Yes	Yes*	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Cystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
D7110	MG.1.6.03P7 _app7	H.264 MPEG4 M-JPEG	1	1280x1024	-	1/1	-	Yes	Yes	Yes	
D7111	Refer to D5113	H.264 MJPEG MPEG4	1	1280x720	-	1/1	-	Yes	Yes	Yes	Supported by design
D7210	M2.1.6.02C0 66	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Note:		nction is u	nworked	AMR 7.95 I in AMR mode. 4 is up to 20 FPS	S in 1920x1	080 and	1280x8	300. It's the	limitatio	on of hardware	
D7320	M3.1.5.21	H.264 M-JPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes	
Note:	Frame rate ca	an't reach	setting v	value	•			•	•	•	•
D7510	M3.04.15.C0	H.264 M-JPEG	1	2560x1920	1-way	1/1	-	Yes	Yes	Yes	
Note:				/. over HTTP in higl	h video qua	lity will o	cause de	elayed image	e and br	oken voice.	
D8210	Refer to B8210(M2.1. 5.20)	H.264 MJPEG	1	1920x1080	1-way	2/2	Yes	Yes	Yes	Yes*	Supported by design
D8220	Refer to B8220(01_C 020)	H.264 H.265 MJPEG	1	1920x1080	1-way	2/2	Yes	Yes	Yes	Yes*	Supported by design
Note:	1. H.265 star	ts from Cr	ystal 3.2	2.							
D8520	Refer to B8520(01_C 020)	H.264 H.265 MJPEG	1	2560x1920	1-way	2/2	Yes	Yes	Yes	Yes*	Supported by design
Note:	1. H.265 star	ts from Cr	ystal 3.2	2.							
F1100	Refer to F1105	MJPEG	1	1280x720	1-way	-	-	Yes	Yes	Yes	Supported by design
F1105	BP.1.6.01_C 1	MJPEG	1	1280x720	1-way	-	-	Yes	Yes	Yes	
F210A	LM.1.6.15	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
F3100	MG.0.6.01_C	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	Yes	Yes	Supported by design
F3101	Refer to F3106	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	Yes	Yes	
F3102	M2.1.6.02C0 45	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Note:		nction is u	nworked	AMR 7.95 I in AMR mode. 4 is up to 20 FPS	S in 1280x8	00. It's	the limit	ation of har	dware		



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Cystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
F3105	MG.0.6.01_C	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	-	-	Yes	Yes	Yes	Supported by design
F3106	MG.1.6.03C8	M-JPEG	1	1280x1024	1-way	-	-	Yes	Yes	Yes	
F3107	M2.1.6.05	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	Yes	Yes*	
Note:	1. 1.Audio via		noises.	(Firmware issue))			-			_
F3110	M2.1.6.02C0 45	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	Yes	Yes	
Note:		nction is u	nworked	JAMR 7.95 d in AMR mode. 4 is up to 20 FPS	S in 1280x8	00. It's t	the limit	ation of har	dware		
F3115	M2.1.6.02C0 45	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Note:		nction is u	nworked	AMR 7.95 I in AMR mode. 4 is up to 20 FPS	6 in 1280x8	00. It's 1	the limit	ation of hard	dware		
F312A	LM.1.6.16.03	M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	
F3201	Refer to F3206	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	-	-	Yes	Yes	Yes	
F3206	M2.P2P_031 4	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	-	Yes	Yes	Yes	
F3210	M2.1.6.03C0 19	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes	
Note:	For F3210, V	ideo resolu	ition can	not change whe	en only setti	ng resol	tuion.				
F3215	M2.1.6.05C0 16	H.264 M-JPEG MPEG4	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes*	
Note:	Resolution lis		nchroniz	ed with camera	web due to	resolutic	n settin	g limitation.	(Camer	ra limitation issu	ıe)
F5100	MG.0.6.01_C 1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F5105	MG.0.6.01_C 1	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F510E	LM.1.6.16.03	MPEGA	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F510W	LM.1.6.16.03	M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F5110	MG.0.6.01_C	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F5115	MG.0.6.01_C	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F511E	LM.1.6.16.03	MPFG4	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Cystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I / O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
F511W	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F520E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F521E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F531E	LM.1.6.18P9 _testport2	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F610A	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
F611E	LM.1.6.16.00 7	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	
F7110	MG.1.6.03P3 _r1072	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	2/2	Yes	Yes	Yes	Yes	
F7115	Refer to F7110	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	2/2	Yes	Yes	Yes	Yes	Supported by design
F7210	M2.1.6.04	H.264 MPEG4 M-JPEG	1	1920x1080	1-way	2/2	Yes	Yes	Yes	Yes*	
F721A	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	-	-	Yes	Yes	Yes	Supported by design
F731E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	-	Yes	Yes	Yes	Supported by design
Generic	Tested by P6210(2.1.5. 20)	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	-	Yes*	
Note:	_	t to set pr		1920x1080 or 1 0 1920x1080 or					ed in ca	mera web. (Cam	nera
M510E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	PTZ Support:	pan and t	ilt only								
M510W	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	PTZ Support:	pan and t	ilt only					-	-		-
M511E	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	PTZ Support:	pan and t	ilt only		_	_	_	_			_
M511W	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note:	PTZ Support:		ilt only								
N24320	Refer to P4320(01_C 013)	H.264 H.265 MJPEG	1	2048x1520	1-way	1/1	-	Yes	Yes	Yes*	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Cystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
Note:	1. H.265 star	ts from Cr	ystal 3.2	2.							
N24520	Refer to P4520(01_C 013)	H.264 H.265 MJPEG	1	2560x1920	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
Note:	1. H.265 star	ts from Cr <u>y</u>	ystal 3.2	2.							
N36210	Refer to B6210(03_C 002)	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	Yes*	Supported by design
N36220	Refer to B6220(03_C 002)	H.264 MJPEG	1	1920x1080	1-way	2/1	-	Yes	Yes	Yes*	Supported by design
N36320	Refer to B6320(01_C 018)	H.264 H.265 MJPEG	1	2048x1536	-	-	-	Yes	Yes	Yes*	Supported by design
N36520	Refer to B6520(01_C 018)	H.264 H.265 MJPEG	1	2560x1920	-	-	-	Yes	Yes	Yes*	Supported by design
N38210	Refer to B8210(02)	H264 MJPEG	1	1920x1080	1-way	2/2	Yes	Yes	Yes	Yes*	Supported by design
N74320	Refer to D4320 (01_C014)	H.264 H.265 MJPEG	1	2048x1536	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
Note:	1. H.265 star	ts from Cr	ystal 3.2	2.							
N74520	Refer to D4520 (01_C017)	H.264 H.265 MJPEG	1	2560x1920	1-way	1/1	-	Yes	Yes	Yes*	Supported by design
N76210	Refer to D6210(03_C 002)	H.264 MJPEG	1	1920x1080	-	-	-	Yes	Yes	Yes*	Supported by design
N76220	Refer to B6220(03_C 002)	H.264 MJPEG	1	1920x1080	1-way	2/1	-	Yes	Yes	Yes*	Supported by design
N76320	Refer to D6320(01_C 013)	H.264 H.265 MJPEG	1	2304x1296	-	-	-	Yes	Yes	Yes*	Supported by design
N76520	Refer to B6520(01_C 018)	H.264 H.265 MJPEG	1	2560x1920	-	-	-	Yes	Yes	Yes*	Supported by design



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Cystal

For PTZ:

Yes*: Joystick support to control PTZ speed in Crystal

Device Name	Tested Firmware		Video Ch	Max Resolution	Audio	I/O Ch	IPI/	On-Edge Motion	IUPnP	Multi Stream Support	Remarks
N78520	B8520(01_C	H.264 H.265 MJPEG	1	2560x1920	1-way	2/2	Yes*	Yes	Yes	Yes*	Supported by design
Noto	1 H 265 star	ts from Cr	vstal 3 3)							

Note: 1. H.265 starts from Crystal 3.2.



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Cystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks	
P4320	01_C020	H.264 H.265 MJPEG	1	2048x1520	1-way	1/1	-	Yes	Yes	Yes*		
Note:	3. Quality lis	te is unable st may not s	to achie ync with	e. Ive setting value In web. (Camera Ied. (NUUO serve	Firmware is:	sue)	perform	nance limitat	ion)			
P4520	01_C020	H.264 H.265 MJPEG	1	2560x1920	1-way	1/1	-	Yes	Yes	Yes*		
Note:	3.Quality list 4.Textures v	e list does n t does not s vill be broke	ot sync ync with en in MJF	with web. (Came with web. (Came web. (Camera F PEG 2560x1920. lode can't setting	Firmware iss (MJPEG 256	sue) 0*1920			nware is	ssue)		
P5110	MG.0.6.01_0	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design	
Note:	PTZ Support	t: pan and t	ilt only									
P5111	Refer to P5116	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design	
P5115	MG.0.6.01_0	H.264 MPEG4 M-JPEG	1	1280x1024	1-way	1/1	Yes	Yes	Yes	Yes		
Note:	PTZ Support	t: pan and t	ilt only									
P5116	M2.1.6.02	H.264 MPEG4 M-JPEG	1	1280x800	1-way	1/1	Yes	Yes	Yes	Yes		
Note:	1. PTZ Supp 2. There is r 3. The max	no audio wh	en using		up to 20 FPS	S in 1280	0x800.	It's the limit	ation of	hardware.		
P5210	M2.1.6.05	H.264 MJPEG MPEG4	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes*		
Note:	1. Camera c	an not achie	eve the s	setting bit rate.	(Camera Fir	mware i	ssue)	•		•	•	
P6210	M2.1.5.11	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes*		
Note:	P6210: 1. Stream 2 CGI setting will fail when resolution of Profile3 is 1920x1080 and 1280x720. (Camera limitation) 2. The camera with higher quality and MJPEG format is unable to achieve 30 fps. (Camera limitation)											
P6211	02_C022	H.264 M-JPEG	1	1920x1080	1-way	1/1	Yes	Yes	Yes	Yes*		
V1100	M2.1.6.03	H264 MJPEG MPEG4	1	704x480	1-way	1/1	Yes	Yes	Yes	Yes		
Note:	AMR can't be	e used in au	ıdio in/o	ut.								



*1: not avaliable on software

*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Cystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	IUPnP	Multi Stream Support	Remarks
V111T	LM.1.6.16.03	MPEG4 M-JPEG	1	640x480	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
Note	If enable Zavi	io analog v	rideo ou	tput function, it	will not be a	ble to a	et 2 nd st	ream from a	zavio ca	mera.	_



: not avaliable on camera*1: not avaliable on software*2: not test on software

For multi stream support:

Yes: multi stream fix to 500kbps/100kbps Yes*: multi stream setting support in Cystal

For PTZ:

Device Name	Tested Firmware	Video Format	Video Ch	Max Resolution	Audio	I/O Ch	PTZ	On-Edge Motion	UPnP	Multi Stream Support	Remarks
N1011		H264 MJPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N1012		H264 MJPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N1031		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N1032		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N3011		H264 MJPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N3012		H264 MJPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N3031		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N3032		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N3071	Refer to 3S N3072	H264 M-JPEG	1	1600x1200	1-way	-	-	Yes	-	Yes	
N3072	V1.13.0_STD-	H.264	1	1600x1200	1-way	1/1	Yes*	Yes	Yes	Yes*	
Note	 The frame r Connection Pan and tilt 	ate via MJPE lost when fra speed will se	G is unable ime rate is		kimum FPS amera pei	S. (Camer formance			tation)		
		Down right, u	p left and u	ıp right will par			tilt. (Car	mera Firmw	are iss	ue)	
N5012	V1.01_STD-1	H.264 MJPEG	p left and u				tilt. (Car Yes	mera Firmw Yes	are iss Yes	ue) Yes	
N5012 Note		H.264 MJPEG	1	right will par	first and	then still				1	
	V1.01_STD-1	H.264 MJPEG	1	right will par	first and	then still				1	
Note	V1.01_STD-1 HTTP port alway	H.264 MJPEG ays 80 when	1 using UPnP	1920x1080 search.	1-way	then still	Yes	Yes	Yes	Yes	
Note N5013	V1.01_STD-1 HTTP port alwa V1.04_STD-1	H.264 MJPEG ays 80 when H.264 MJPEG	1 using UPnP	1920x1080 search. 704x576	1-way	1/1 1/1	Yes	Yes	Yes	Yes	Supported by design
Note N5013 N5071 N6011	V1.01_STD-1 HTTP port alwa V1.04_STD-1	H.264 MJPEG ays 80 when H.264 MJPEG H264 M-JPEG	1 using UPnP 1	1920x1080 search. 704x576 704x576/ 704x480	1-way 1-way	1/1 1/1 -	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	
Note N5013 N5071	V1.01_STD-1 HTTP port alwa V1.04_STD-1	H.264 MJPEG ays 80 when H.264 MJPEG H264 M-JPEG H264 MJPEG	1 using UPnP 1 1	right will par 1920x1080 search. 704x576 704x576/ 704x480 2560x1920	1-way 1-way 1-way	1/1 1/1 1/1	Yes Yes Yes Yes	by design Supported			
Note N5013 N5071 N6011	V1.01_STD-1 HTTP port alwa V1.04_STD-1	H.264 MJPEG ays 80 when H.264 MJPEG H264 M-JPEG H264 MJPEG H264 MJPEG H264 MJPEG	1 using UPnP 1 1 1	right will par 1920x1080 search. 704x576 704x576/ 704x480 2560x1920	1-way 1-way 1-way 1-way	1/1 1/1 1/1 - 1/1 1/1	Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes	Yes Yes Yes Yes	by design Supported by design Supported

N6016		H264 MJPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N6031		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N6032		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N6033		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N6034		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N0635		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N6036		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N6037		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N6038		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N6072	Refer to 3S N6075	H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
N6073	Refer to 3S N6075	H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
N6074	Refer to 3S N6075	H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
N6075	V1.05_STD-1	H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	
N6076	Refer to 3S N6075	H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
N6077	Refer to 3S N6075	H264 M-JPEG	1	1600x1200	1-way	1/1	-	Yes	Yes	Yes	Supported by design
N6082	Refer to N9085(V1.05. 0)	H.264	1	1600x1200	-	-	-	Yes	Yes	Yes*	Supported by design
N8011		H264 MJPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N8012		H264 MJPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N8031		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N8032		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design
N8072	V1.03_STD-1	H264 M-JPEG	1	1600x1200	1-way	0/0	-	Yes	-	Yes	
N8072-C	V1.04.0_STD- 1	H.264	1	1600x1200	1-way	-	-	Yes	Yes	Yes*	
Note:				vith the setting t to web. (Came				ssue)			
N9012		H264 MJPEG	1	2560x1920	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design

N9018	V1.01_STD-1	H.264 MJPEG	1	1920x1080	1-way	1/1	-	Yes	Yes	Yes		
Note:	1.Audio toned with G.726/32.[camera firmware issue] 2.The image of snapshot to FTP is use MJPEG stream.[camera firmware issue]											
N9032		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design	
N9033		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design	
N9034		H.264 M-JPEG	1	2048x1536	1-way	1/1	Yes	Yes	Yes	Yes	Supported by design	
N9071	V1.06_STD-1	H264 M-JPEG	1	1600x1200	1-way	0/0	-	Yes	Yes	Yes		
N9073	Refer to N3072(V1.13. 0_STD-1)	H.264	1	1600x1200	1-way	1/1	Yes*	Yes	Yes	Yes*	Supported by design	
N9074	Refer to N3072(V1.13. 0_STD-1)	H.264	1	1600x1200	1-way	1/1	Yes*	Yes	Yes	Yes*	Supported by design	
N9082	Refer to N9085(V1.05. 0)	H.264	1	1600x1200	-	-	-	Yes	Yes	Yes*	Supported by design	
N9085	V1.05.0	H.264	1	1600x1200	-	-	-	Yes	Yes	Yes*		
Note:		1. The minimum stream's bitrate is too high. (Camera performance limitation) 2. The stream 3's fps range is different to web. (Camera Firmware issue)										
S4071	V1.04_STD-1	H264 M-JPEG	4	704x576/ 704x480	1-way	4/4	Yes	Yes	Yes	Yes		
Note:	1. The quality 2. When the se	-		vailable. ore channels, th	ne maxima	al framera	ate is uns	stable.	1		1	