ON-IP3345WP-F

3MP Miniature IP camera with WDR function



1、Models of supply

ON-IP3345WP-F

2 Features

- Up to 3megapixel resolution, Full HD 3MP real time video, with WDR function
- Using high-performance Hisilicon DSP and SONY CMOS image sensor
- H.265 achieve high definition image quality
- Support TF card (Up to 128G)
- Network protocols start Cloud Security monitoring
- Plug-and-play solution, domain name resolution realize remote monitoring
- Compatible with ONVIF 2.4.2 standard
- P2P network cloud help to achieve remote controling.
- Support smart mobile and network (IE& Firefox& Safari& Chrome) real time remotely monitoring, such as iPhone,
 Blackberry, Android, Symbian

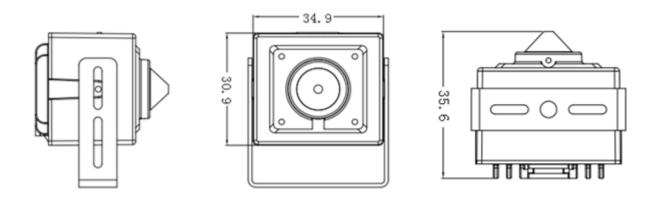
3. Specification

Model	ON-IP3345WP-F	
Camera		
Processor	Hisilicon DSP	
Image Sensor	1/2.8"SONY low illumination Progressive scan CMOS	
Effective	2048(H)*1536(V) 3megapixel	
Pixels		
lens	3.7 mm High definition lens	
Shutter time	1/25(1/30)s to 1/50000 s	
Signal	PAL(25FPS)/NTSC(30FPS)	
System		

WDR ≥100db D&N Yes Sensitivity Color 0.1Lux@F1.2, BAW 0.01Lux@F1.2 Compression Standard Video Video Compression H.265.H.264.MJPEG Bit Rate 200-12000kbps,CBR/VBR Audio Compression G.711Alaw G.711Ulaw Image Frame rate 1 to 30 FPS adjustable Resolution Main stream:2048*1536, 1920*1080, 1280*1024,1280*960,1280*720 Sub stream: 1280*720, 704*576, 640*480, 640*360,352*240, 320*240,320*176 OSD Control Supports channel name, date, and video stream information Superimposition supported, Location adjustable Image Settings Saturation, brightness, contrast adjustable by client , web browser Functions Intelligent Alarm Motion detection, video occlusion, video loss and set alarm time Network Ilocal and network storage, picture and video Recording Motion detect video , image missing alarm, and remote setting record Network TCP/IP, UDP, SMTP, HTTP, FTP, PPDE, DHCP, DNS, DDNS, NTP, UPNP, RTP, RTSP Network Internal Web Serve, Support IE Access service Mobile monitor iPhone. Windows Mobile. BlackBerry, Symbian, Android	S/N Ratio	≥50dB (AGC OFF)
Sensitivity Color 0.1Lux@F1.2, B/W 0.01Lux@F1.2 Compression Standard Video Compression Bit Rate 200-12000kbps,CBR/VBR Audio Compression G.711Alaw G.711Ulaw Image Frame rate 1 to 30 FPS adjustable Resolution Main stream:2048*1536. 1920*1080. 1280*1024,1280*960,1280*720 Sub stream: 1280*720, 704*576, 640*480, 640*360,352*240,320*240,320*176 OSD Control Supports channel name, date, and video stream information Superimposition supported, Location adjustable Image Settings Saturation, brightness, contrast adjustable by client 、web browser Functions Intelligent Alarm Network Storage Recording Motion detection, video occlusion, video loss and set alarm time Network TCP/IP, UDP, SMTP, HTTP, FTP, PPPOE, DHCP, DNS, DDNS, NTP, UPNP, Protocols RTP, RTSP Network Internal Web Serve, Support IE Access service Mobile monitor iPhone. Windows Mobile. BlackBerry. Symbian. Android Access Protocol ONVIF2.4.2 protocol Compatible with ONVIF standard Protocols Storage interface Storage interface Storage interface Storage interface Video output 1 channel CVBS Else port 1 th Audio input, 1ch Audio output, 1ch Alarm input, 1ch RS485, 1ch RESET Network Port 1 RJ45 10/100M self-adaptive Ethernet port General		
Sensitivity Color 0.1Lux@F1.2, BW 0.01Lux@F1.2 Compression Standard Video Compression H.265,H.264,MJPEG Bit Rate 200-12000kbps,CBR/VBR Audio Compression G.711Ulaw		1111
Video Compression Standard Video Compression Bit Rate 200-12000kbps,CBR/VBR Audio Compression Image Frame rate 1 to 30 FPS adjustable Resolution Supports channel name, date, and video stream information Superimposition Supports channel name, date, and video stream information Superimposition Intelligent Alarm Network Storage Recording Motion detect video , image missing alarm, and remote setting record Mobile monitor Motion Web Serve, Support IE Access service Mobile monitor ONIF2.4.2 protocol Compatible with ONVIF standard Protocol Other remote upgrading and maintenance, Image Mirroring,Query log, password protection, Multi-user privilege control, customized purview Interface Support TF card (128GB) It Audio input. 1ch Audio output. 1ch Alarm input. 1ch RS485. 1ch RESET Network Port I 1. Audio input. 1ch Audio output. 1ch Alarm input. 1ch RS485. 1ch RESET Network Port I 1. Audio input. 1ch Audio output. 1ch Alarm input. 1ch RS485. 1ch RESET Network Port I 1. Audio input. 1ch Audio output. 1ch Alarm input. 1ch RS485. 1ch RESET Network Port I 1. Audio input. 1ch Audio output. 1ch Alarm input. 1ch RS485. 1ch RESET Network Port I 1. Audio input. 1ch Audio output. 1ch Alarm input. 1ch RS485. 1ch RESET		
Video Compression H.265,H.264,MJPEG Bit Rate Audio Compression 200-12000kbps,CBR/VBR Image Frame rate Resolution 6,711Alaw G.711Ulaw Resolution Main stream::2048*1536, 1920*1080, 1280*1024,1280*960,1280*720 Sub stream::1280*720, 704*576, 640*480, 640*360,352*240,320*240,320*176 OSD Control Supports channel name, date, and video stream information Superimposition supported, Location adjustable Image Settings Saturation, brightness, contrast adjustable by client web browser Functions Motion detection, video occlusion, video loss and set alarm time Network Storage local and network storage, picture and video Recording Motion detect video , image missing alarm, and remote setting record Network Storage TCP/IP, UDP, SMTP, HTTP, FTP, PPPOE, DHCP, DNS, DDNS, NTP, UPNP, RTSP Network Internal Web Serve, Support IE Access service Mobile monitor Internal Web Serve, Support IE Access service Mobile monitor ONVIF2.4.2 protocol Compatible with ONVIF standard Protocol ONVIF2.4.2 protocol Compatible with ONVIF standard Protocions password protection, Multi-user privilege control, customized purview Interface Support TF card (128GB) Video output 1 chaudio i		
Bit Rate 200-12000kbps,CBR/VBR G.711Alaw G.711Ulaw	•	
Audio Compression Image Frame rate 1 to 30 FPS adjustable Resolution Main stream:2048*1536. 1920*1080. 1280*1024,1280*960,1280*720 Sub stream: 1280*720, 704*576, 640*480, 640*360,352*240, 320*240,320*176 OSD Control Supports channel name, date, and video stream information Superimposition supported, Location adjustable Image Settings Functions Intelligent Alarm Motion detection, video occlusion, video loss and set alarm time Network Storage Recording Motion detect video , image missing alarm, and remote setting record Network TCP/IP, UDP, SMTP, HTTP, FTP, PPPOE, DHCP, DNS, DDNS, NTP, UPNP, RTP, RTSP Network Internal Web Serve, Support IE Access service Mobile monitor Access Protocol Other remote upgrading and maintenance, Image Mirroring, Query log, password protection, Multi-user privilege control, customized purview Interface Storage support TF card (128GB) Video output 1 channel CVBS Else port 1 RJ45 10/100M self-adaptive Ethernet port General		H.265,H.264,MJPEG
Compression Image Frame rate Resolution OSD Control Image Saturation, brightness, contrast adjustable by client web browser Functions Network Storage Network Internal Web Serve, Support IE Access service Mobile monitor Access Protocol ONIFE 2.4.2 protocol Compatible with ONVIF standard Protocol ONIFE 2.4.2 protocol Compatible with ONVIF standard Protocols ONIFE 2.4.2 protocol Compatible with ONVIF standard Interface Storage Support TF card (128GB) Internal Web Serve Storage Support TF card (128GB) It to 30 FPS adjustable Internal Web Serve Internal CVBS Support IE Access Storage Interface Support TF card (128GB) Internal CVBS Ich Audio input. 1ch Audio output. 1ch Alarm input. 1ch RS485. Ich RESET Network Port I RJ45 10/100M self-adaptive Ethernet port General	Bit Rate	200-12000kbps,CBR/VBR
Frame rate 1 to 30 FPS adjustable Resolution Main stream:2048*1536. 1920*1080. 1280*1024,1280*960,1280*720 Sub stream: 1280*720, 704*576, 640*480, 640*360,352*240, 320*240,320*176 OSD Control Supports channel name, date, and video stream information Superimposition supported, Location adjustable Image Settings Saturation, brightness, contrast adjustable by client 、web browser Functions Intelligent Alarm Motion detection, video occlusion, video loss and set alarm time Network Storage Iocal and network storage, picture and video Recording Motion detect video , image missing alarm, and remote setting record Network TCP/IP, UDP, SMTP, HTTP, FTP, PPPOE, DHCP, DNS, DDNS, NTP, UPNP, Protocols RTP, RTSP Network Internal Web Serve, Support IE Access service Mobile monitor iPhone, Windows Mobile, BlackBerry, Symbian, Android Access Protocol ONVIF2.4.2 protocol Compatible with ONVIF standard Other remote upgrading and maintenance,Image Mirroring,Query log, password protection, Multi-user privilege control, customized purview Interface Storage support TF card (128GB) 1ch Audio input, 1ch Audio output, 1ch Alarm input, 1ch RS485, 1ch RESET Network Port 1 RJ45 10/100M self-adaptive Ethernet port General		G.711Alaw G.711Ulaw
Resolution Main stream:2048*1536, 1920*1080, 1280*1024,1280*960,1280*720 Sub stream: 1280*720, 704*576, 640*480, 640*360,352*240, 320*240,320*176 Supports channel name, date, and video stream information supported, Location adjustable Saturation, brightness, contrast adjustable by client web browser Settings Saturation, brightness, contrast adjustable by client web browser Settings Intelligent Alarm Motion detection, video occlusion, video loss and set alarm time Network Storage Iocal and network storage, picture and video Storage Motion detect video , image missing alarm, and remote setting record Network TCP/IP, UDP, SMTP, HTTP, FTP, PPPOE, DHCP, DNS, DDNS, NTP, UPNP, Protocols RTP, RTSP Network Internal Web Serve, Support IE Access service Mobile iPhone, Windows Mobile, BlackBerry, Symbian, Android Access ONVIF2.4.2 protocol Compatible with ONVIF standard Other remote upgrading and maintenance, Image Mirroring, Query log, password protection, Multi-user privilege control, customized purview Interface Storage interface Support TF card (128GB) Ich Audio input, 1ch Audio output, 1ch Alarm input, 1ch RS485, 1ch RESET Network Port I RJ45 10/100M self-adaptive Ethernet port General	_	
Sub stream: 1280*720, 704*576, 640*480, 640*360,352*240, 320*240,320*176 OSD Control Supports channel name, date, and video stream information Superimposition supported, Location adjustable Saturation, brightness, contrast adjustable by client 、web browser Functions Intelligent Alarm Motion detection, video occlusion, video loss and set alarm time Network Storage local and network storage, picture and video Recording Motion detect video , image missing alarm, and remote setting record Network TCP/IP, UDP, SMTP, HTTP, FTP, PPPOE, DHCP, DNS, DDNS, NTP, UPNP, RTP, RTSP Network Internal Web Serve, Support IE Access service Mobile iPhone, Windows Mobile, BlackBerry, Symbian, Android Access Protocol ONVIF2.4.2 protocol Compatible with ONVIF standard Other remote upgrading and maintenance, Image Mirroring, Query log, password protection, Multi-user privilege control, customized purview Interface Storage interface Support TF card (128GB) 1 channel CVBS Else port 1 channel CVBS Else port 1 RJ45 10/100M self-adaptive Ethernet port General	Frame rate	
Image Settings Functions Intelligent Alarm Motion detection, video occlusion, video loss and set alarm time Network Storage Recording Motion detect video, image missing alarm, and remote setting record Network TCP/IP, UDP, SMTP, HTTP, FTP, PPPOE, DHCP, DNS, DDNS, NTP, UPNP, Protocols RTP, RTSP Network Internal Web Serve, Support IE Access service Mobile monitor Access Protocol Other Functions ONVIF2.4.2 protocol Compatible with ONVIF standard ONVIF2.4.2 protocol Compatible with ONVIF standard Interface Storage interface Storage interface Video output 1 channel CVBS Else port 1 RJ45 10/100M self-adaptive Ethernet port General	Resolution	
Settings Saturation, brightness, contrast adjustable by client \ web browser Functions Intelligent Alarm Motion detection, video occlusion, video loss and set alarm time Network Storage local and network storage, picture and video Recording Motion detect video , image missing alarm, and remote setting record Network TCP/IP, UDP, SMTP, HTTP, FTP, PPPOE, DHCP, DNS, DDNS, NTP, UPNP, RTD, RTSP Network Internal Web Serve, Support IE Access service Mobile iPhone, Windows Mobile, BlackBerry, Symbian, Android Access Protocol ONVIF2.4.2 protocol Compatible with ONVIF standard remote upgrading and maintenance,Image Mirroring,Query log, password protection, Multi-user privilege control, customized purview Interface Storage interface Video output 1 channel CVBS Else port 1 ch Audio input, 1 ch Audio output, 1 ch Alarm input, 1 ch RS485, 1 ch RESET Network Port 1 RJ45 10/100M self-adaptive Ethernet port General	OSD Control	
Intelligent Alarm Network Storage Recording Motion detect video , image missing alarm, and remote setting record Network TCP/IP, UDP, SMTP, HTTP, FTP, PPPOE, DHCP, DNS, DDNS, NTP, UPNP, Protocols RTP, RTSP Network Internal Web Serve, Support IE Access service Mobile monitor Access Protocol Other remote upgrading and maintenance, Image Mirroring, Query log, password protection, Multi-user privilege control, customized purview Interface Storage interface Video output Ich Audio input, 1ch Audio output, 1ch Alarm input, 1ch RS485, 1ch RESET Network Port Network Port IR J45 10/100M self-adaptive Ethernet port General	_	Saturation, brightness, contrast adjustable by client 、web browser
Alarm Motion detection, video occlusion, video loss and set alarm time Network Storage local and network storage, picture and video Recording Motion detect video , image missing alarm, and remote setting record Network TCP/IP, UDP, SMTP, HTTP, FTP, PPPOE, DHCP, DNS, DDNS, NTP, UPNP, RTP, RTSP Network Internal Web Serve, Support IE Access service Mobile monitor iPhone, Windows Mobile, BlackBerry, Symbian, Android Access Protocol ONVIF2.4.2 protocol Compatible with ONVIF standard Temote upgrading and maintenance, Image Mirroring, Query log, password protection, Multi-user privilege control, customized purview Interface Storage interface Support TF card (128GB) Video output 1 channel CVBS Else port 1 channel CVBS Lich Audio input, 1ch Audio output, 1ch Alarm input, 1ch RS485, 1ch RESET Network Port 1 RJ45 10/100M self-adaptive Ethernet port General	Functions	
Storage local and network storage, picture and video Recording Motion detect video , image missing alarm, and remote setting record Network TCP/IP, UDP, SMTP, HTTP, FTP, PPPOE, DHCP, DNS, DDNS, NTP, UPNP, RTP, RTSP Network Internal Web Serve, Support IE Access service Mobile iPhone, Windows Mobile, BlackBerry, Symbian, Android Access Protocol ONVIF2.4.2 protocol Compatible with ONVIF standard Other remote upgrading and maintenance,Image Mirroring,Query log, password protection, Multi-user privilege control, customized purview Interface Storage interface Support TF card (128GB) Else port 1 channel CVBS Else port 1 chandio input, 1ch Audio output, 1ch Alarm input, 1ch RS485, 1ch RESET Network Port 1 RJ45 10/100M self-adaptive Ethernet port General	_	Motion detection, video occlusion, video loss and set alarm time
Network Protocols TCP/IP、UDP、SMTP、HTTP、FTP、PPPOE、DHCP、DNS、DDNS、NTP、UPNP、RTSP Network Internal Web Serve, Support IE Access service Mobile iPhone, Windows Mobile, BlackBerry, Symbian, Android Access Protocol Other remote upgrading and maintenance, Image Mirroring, Query log, password protection, Multi-user privilege control, customized purview Interface Storage interface Support TF card (128GB) Video output 1 channel CVBS Else port 1 ch Audio input、1 ch Audio output、1 ch Alarm input、1 ch RS485、1 ch RESET Network Port 1 RJ45 10/100M self-adaptive Ethernet port General		local and network storage, picture and video
Protocols RTP、RTSP Network Internal Web Serve, Support IE Access service Mobile iPhone, Windows Mobile, BlackBerry, Symbian, Android Access Protocol ONVIF2.4.2 protocol Compatible with ONVIF standard Other remote upgrading and maintenance, Image Mirroring, Query log, password protection, Multi-user privilege control, customized purview Interface Storage interface Support TF card (128GB) Video output 1 channel CVBS Else port 1 ch Audio input, 1 ch Audio output, 1 ch Alarm input, 1 ch RS485, 1 ch RESET Network Port 1 RJ45 10/100M self-adaptive Ethernet port General	Recording	Motion detect video , image missing alarm, and remote setting record
Mobile monitor iPhone, Windows Mobile, BlackBerry, Symbian, Android Access Protocol ONVIF2.4.2 protocol Compatible with ONVIF standard Other remote upgrading and maintenance,Image Mirroring,Query log, password protection, Multi-user privilege control, customized purview Interface Storage interface Support TF card (128GB) Video output 1 channel CVBS Else port 1 ch Audio input、1ch Audio output、1ch Alarm input、1ch RS485、1ch RESET Network Port 1 RJ45 10/100M self-adaptive Ethernet port General		
monitor iPhone, Windows Mobile, BlackBerry, Symbian, Android Access Protocol ONVIF2.4.2 protocol Compatible with ONVIF standard Other remote upgrading and maintenance,Image Mirroring,Query log, password protection, Multi-user privilege control, customized purview Interface Storage interface Support TF card (128GB) Video output 1 channel CVBS Else port 1ch Audio input、1ch Audio output、1ch Alarm input、1ch RS485、 1ch RESET Network Port 1 RJ45 10/100M self-adaptive Ethernet port General	Network	Internal Web Serve, Support IE Access service
ONVIF2.4.2 protocol Compatible with ONVIF standard Other remote upgrading and maintenance,Image Mirroring,Query log, password protection, Multi-user privilege control, customized purview Interface Storage interface Video output 1 channel CVBS Else port 1 ch Audio input, 1 ch Audio output, 1 ch Alarm input, 1 ch RS485, 1 ch RESET Network Port 1 RJ45 10/100M self-adaptive Ethernet port General		iPhone, Windows Mobile, BlackBerry, Symbian, Android
Functions password protection, Multi-user privilege control, customized purview Interface Storage interface Support TF card (128GB) Video output 1 channel CVBS Else port 1ch Audio input、1ch Audio output、1ch Alarm input、1ch RS485、1ch RESET Network Port 1 RJ45 10/100M self-adaptive Ethernet port General		ONVIF2.4.2 protocol Compatible with ONVIF standard
Interface Storage interface Video output 1 channel CVBS Else port 1 ch Audio input, 1 ch Audio output, 1 ch Alarm input, 1 ch RS485, 1 ch RESET Network Port 1 RJ45 10/100M self-adaptive Ethernet port General	Other	remote upgrading and maintenance,Image Mirroring,Query log,
Storage interface Video output 1 channel CVBS Else port 1 ch Audio input、1 ch Audio output、1 ch Alarm input、1 ch RS485、1 ch RESET Network Port 1 RJ45 10/100M self-adaptive Ethernet port General	Functions	password protection, Multi-user privilege control, customized purview
interface Video output 1 channel CVBS Else port 1ch Audio input、1ch Audio output、1ch Alarm input、1ch RS485、 1ch RESET Network Port 1 RJ45 10/100M self-adaptive Ethernet port General	Interface	
Else port 1ch Audio input、1ch Audio output、1ch Alarm input、1ch RS485、 1ch RESET Network Port 1 RJ45 10/100M self-adaptive Ethernet port General		Support TF card (128GB)
1ch RESET Network Port 1 RJ45 10/100M self-adaptive Ethernet port General	Video output	1 channel CVBS
General	Else port	
General	Network Port	1 RJ45 10/100M self-adaptive Ethernet port
Work -20°C ~60°C; Humidity 90% or less (non-condensing)	General	
• • • • • • • • • • • • • • • • • • • •	Work	-20℃~60℃; Humidity 90% or less (non-condensing)

Conditions	
Power Supply	DC12V/1A
Power	2.5W (MAX)
Consumption	
Dimensions	34.9*30.9*35.6mm
Weight	0.17kg

4. Dimension



5 hardware interface

