

iDS-2CD8C46G0-XZS

4 MP DeepinView Multi-Lens Bullet Camera



- Adopt dual-channel design so you can get details in channel 1 and panorama in channel 2
- High quality imaging with 4 MP resolution in channel 1 and channel 2
- Excellent low-light performance via DarkFighter technology
- Clear imaging against strong back light due to 120 dB WDR technology
- Efficient H.265+ compression technology to save bandwidth and storage
- Face detection supports up to 120 faces per frame
- Built-in high-efficient patent soft supplement light without light pollution, and ensure the face capture in night



▪ Specification

Camera	
Image Sensor	Channel 1: 1/1.8" Progressive Scan CMOS Channel 2: 1/1.8" Progressive Scan CMOS
Min. Illumination	Channel 1: Color: 0.002 Lux @(F1.4, AGC ON), B/W: 0.0006 Lux @(F1.4, AGC ON), 0 Lux with IR Channel 2: Color: 0.001 Lux @(F1.0, AGC ON) B/W: 0.0003 Lux @(F1.0, AGC ON), 0 Lux with IR
Shutter Speed	1/25 s~1/100,000 s
Slow Shutter	Yes
P/N	P/N
Wide Dynamic Range	120 dB
Day & Night	Channel 1: IR cut filter Channel 2: No
Available Camera/Video Channel	2
Lens	
Focus	Semi-auto, manual
Lens Type & FOV	Channel 1: 11~40 mm @F1.4, horizontal FOV: 37.0°~11.5°, vertical FOV: 20.2°~6.5°, diagonal FOV: 43.2°~13.2° Channel 2: 4 mm @F1.0, horizontal FOV: 89°, vertical FOV: 46.5°, diagonal FOV: 105°
Lens Mount	Channel 1: CS Channel 2: M16
Aperture Type	Channel 1: P-Iris Channel 2: No
Illuminator	
Wavelength	750 nm
Supplement Light Range	Channel 1: hybrid illumination (750+whitelight) Face: 20 m, normal surveillance: 80 m Channel 2: warm lamp Normal surveillance: 30 m
Video	
Max. Resolution	Channel 1: 2560 × 1440 Channel 2: 2560 × 1440
Main Stream	Channel 1: 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)

Sub Stream	Channel 1: 50 Hz: 25 fps (704 × 576, 640 × 480) 60 Hz: 30 fps (704 × 480, 640 × 480) Channel 2: 50 Hz: 25 fps (704 × 576, 640 × 480) 60 Hz: 30 fps (704 × 480, 640 × 480)
Third Stream	Channel 1: 50 Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) Channel 2: 50 Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
Fourth Stream	Channel 1: 50 Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) Channel 2: 50 Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
Fifth Stream	Channel 1: 50 Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) Channel 2: 50 Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
Video Compression	H.265/H.264/MJPEG
Video Bit Rate	32 Kbps~16 Mbps
H.264 Type	BaseLine Profile/Main Profile/High Profile
H.265 Type	Main Profile
H.264+	Main stream supports
H.265+	Main stream supports
Bit Rate Control	CBR/VBR
Scalable Video Coding (SVC)	H.265 and H.264 support
Region of Interest (ROI)	4 fixed regions for each stream
Audio	
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64 Kbps(G.711)/16 Kbps(G.722.1)/16 Kbps(G.726)/32~192 Kbps(MP2L2)
Audio Type	Mono sound
Network	
API	Open Network Video Interface, ISAPI, SDK, ISUP
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS
User/Host	Up to 32 users. 3 user levels: administrator, operator and user
Client	iVMS-4200, Hik-Connect, Hik-Central

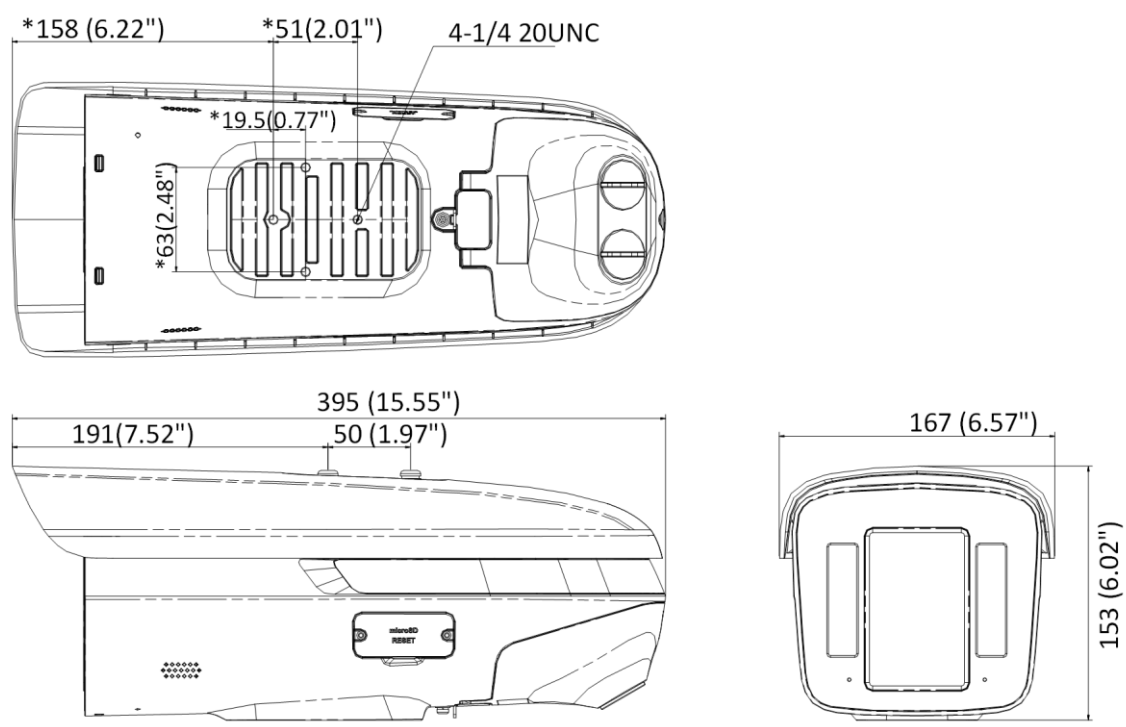
Web Browser	Plug-in required live view: IE8+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local service: Chrome 41.0+, Firefox 30.0+
Image	
Smart IR	The IR LEDs on camera should support Smart IR function to automatically adjust power to avoid image overexposure.
Day/Night Switch	Day, Night, Auto, Schedule, Triggered by Alarm In
Target Cropping	Yes
DNR	3D DNR
Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24bit bmp format
Image Enhancement	BLC, HLC, 3D DNR, Defog, EIS
Image Parameters Switch	Yes
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser
Interface	
Alarm	3 inputs, 2 outputs (max. 24 VAC or 24 VDC, 1 A)
Audio	2 inputs (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium; 1 output (line out), 3.5 mm connector, max. output amplitude: 3.3 vpp, output impedance: 600 Ω, interface type: non-equilibrium, 2 built-in mics, 1 built-in speaker
RS-485	1 RS-485 (half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
Video Output	1 Vp-p Composite Output (For debugging only)
On-board Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Hardware Reset	Yes
Communication Interface	1 RJ45 10 M/100 M/1000 M self-adaptive Ethernet port
Power Output	12 VDC, max. 200 mA (supported by all power supply types)
Heater	Yes
Smart Feature-Set	
Smart Event	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, scene change detection, audio exception detection, defocus detection
Counting	Yes
Intelligent (Traditional Algorithm)	
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
Intelligent (Deep Learning Algorithm)	
Multi-target-type Detection	Supports simultaneous detection of human body and face Gets 8 face features and 13 human body features
Face Capture	Face detection performance: detects up to 120 faces simultaneously Face detection angle: swings left and right from -60° to 60°, tilt up and down from -30° to 30° Upload face with background (1080p/720p) and closed-up face pictures

Face Recognition	Detects, captures and selects best human face pictures Recognizes face identity via face modeling, grading and comparing to those in face library Up to 10 face libraries, up to 150000 faces, and each face library is configurable Face library encryption: the camera chip has a hardware encryption module to protect data
General	
Linkage Method	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, trigger capture
Online Upgrade	Yes
Firmware Version	V5.5.150
General Function	Anti-flicker, 5 streams and up to 5 custom streams, heartbeat, mirror, privacy masks, flash log, password reset via e-mail, pixel counter
Software Reset	Yes
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Power Supply	24 VAC ± 20%
Power Consumption and Current	24 VAC, 2.7 A, max. 40 W
Power Interface	2-core terminal block
Camera Material	Metal & Plastic
Camera Dimension	395 × 167 × 153 mm (15.55" × 6.57" × 6.02")
Package Dimension	518 × 356 × 260 mm (20.39" × 14.01" × 10.23")
Camera Weight	4250 g (9.37 lb.)
With Package Weight	8200 g (18.08 lb.)
Approval	
Class	Class A
Protection	IP66
Indicator	
Solid Red	Yes

▪ Available Model

iDS-2CD8C46G0-XZS

▪ Dimension



Unit: mm(inch)

▪ Accessory

▪ Optional

DS-1214ZJ-P Horizontal pole mount	DS-1269ZJ-P	DS-2204ZJ-P Wall Mount
		

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