

iDS-2CD8C86G0-XZS(/5G) 8 MP DeepinView Multi-Lens Bullet Camera



Hikvision has been dedicated to develop products with security since established. Hikvision always follows security by design principle and has adopted many methods of security technologies into our product development lifecycle, including terminal security, data security, application security, network security, and privacy protection. In the meantime, the security technologies used by Hikvision are all in compliance with local applicable laws and safety regulations. These security measures could enhance product's cyber security defense capability and protect your devices as well as your data from malicious cyber attacks.

- Adopt dual-channel design so you can get details in channel 1 and panorama in channel 2
- High quality imaging with 8 MP resolution in channel 1 and 4 MP resolution in 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



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Specification

Image Sensor Channel 1: 1/1.2" Progressive Scan CMOS Channel 2: 1/1.8" Progressive Scan CMOS Channel 2: 1/1.8" Progressive Scan CMOS Channel 1: Color: 0.0005 Lux @ (F1.2, AGC ON) B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR Color: 0.0003 Lux @ (F1.0, AGC ON), 0 Lux with IR Max. Resolution Channel 1: 840 × 2160, Channel 2: 2560 × 1440 Shutter Time 1/25 s to 1/100,000 s Day & Night Channel 1: R cut filter Channel 1: R cut filter Channel 2: No Lens Type Channel 1: varifocal lens, motorized lens, 10 to 50 mm; Channel 2: fixed focal lens, 4 Aperture Channel 1: Auto, Semi-auto, Manual Aperture Channel 1: 10 to 50 mm; Constant F1.6 throughout the zoom range; Channel 2: 4 mm; F1.0 Focal Length & FOV Channel 1: Auto, Semi-auto, Manual Its rype Channel 1: CS Channel 2: Att Mice Channel FOV Channel 2: Mice Channel 2: Fixed Its rype Channel 1: CS Channel 2: Mice Channel 2: Fixed focal Lens, 4 Manott CS Lis Mount Channel 1: CS Mannel 1: Gut Cfrieve Channel 2: Fixed Colore Supplement Light Type	Camera			
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InterfaceChannel 2: 4 mm @F1.0, horizontal FOV: 89°, vertical FOV: 46.5°, diagonal FOV: 105°Lens MountChannel 1: CS Channel 2: M16Iris TypeChannel 1: DC drive; Channel 2: FixedIlluminatorHybrid (IR and White Light)Supplement Light TypeHybrid (IR and White Light)Smart Supplement LightYesIR Wavelength750 nmChannel 1: Face: 20 m, normal video security: 80 m Channel 2: Normal video security: 30 mVideoChannel 1: S0 Hz: 25 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) Go Hz: 30 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: S0 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720)		Channel 1: 11 to 50 mm @F1.6, horizontal FOV 36° to 13.1°, vertical FOV: 20.3° to 7.3°,		
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Lens MountChannel 2: M16Iris TypeChannel 1: DC drive; Channel 2: FixedIlluminatorSupplement Light TypeHybrid (IR and White Light)Smart Supplement LightYesIR Wavelength750 nmSupplement Light RangeChannel 1: Face: 20 m, normal video security: 80 m Channel 2: Normal video security: 30 mVideoWaterMain StreamChannel 1: S0 Hz: 25 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: S0 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720)		Channel 2: 4 mm @F1.0, horizontal FOV: 89°, vertical FOV: 46.5°, diagonal FOV: 105°		
Channel 2: M16Iris TypeChannel 1: DC drive; Channel 2: FixedIlluminatorSupplement Light TypeHybrid (IR and White Light)Smart Supplement LightYesIR Wavelength750 nmSupplement Light RangeChannel 1: Face: 20 m, normal video security: 80 m Channel 2: Normal video security: 30 mVideoWater Supplement Light RangeChannel 1: Face: 20 m, normal video security: 30 m Channel 2: Normal video security: 30 mMain StreamChannel 1: 50 Hz: 25 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: 60 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	Long Mount	Channel 1: CS		
IlluminatorSupplement Light TypeHybrid (IR and White Light)Smart Supplement LightYesIR Wavelength750 nmSupplement Light RangeChannel 1: Face: 20 m, normal video security: 80 m Channel 2: Normal video security: 30 mVideoChannel 1:Supplement Light RangeChannel 1:So Hz: 25 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: S0 Hz: 30 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: S0 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720)		Channel 2: M16		
Supplement Light TypeHybrid (IR and White Light)Smart Supplement LightYesIR Wavelength750 nmSupplement Light RangeChannel 1: Face: 20 m, normal video security: 80 m Channel 2: Normal video security: 30 mVideoVideoMain StreamChannel 1: 50 Hz: 25 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	Iris Type	Channel 1: DC drive; Channel 2: Fixed		
Smart Supplement LightYesIR Wavelength750 nmSupplement Light RangeChannel 1: Face: 20 m, normal video security: 80 m Channel 2: Normal video security: 30 mVideoVideoChannel 1: 50 Hz: 25 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	Illuminator			
IR Wavelength750 nmSupplement Light RangeChannel 1: Face: 20 m, normal video security: 80 m Channel 2: Normal video security: 30 mVideoVideoMain StreamChannel 1: 50 Hz: 25 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	Supplement Light Type	Hybrid (IR and White Light)		
Supplement Light Range Channel 1: Face: 20 m, normal video security: 80 m Channel 2: Normal video security: 30 m Video Channel 1: Main Stream Channel 1: 50 Hz: 25 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	Smart Supplement Light	Yes		
Supplement Light Range Channel 2: Normal video security: 30 m Video Channel 1: So Hz: 25 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) Go Hz: 30 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) Go Hz: 30 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: So Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: So Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: So Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: So Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: So Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: So Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: So Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: So Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: So Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: So Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: So Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: So Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: So Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: So Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) So Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) So Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) So Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	IR Wavelength	750 nm		
Video Channel 1: 50 Hz: 25 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) Main Stream 60 Hz: 30 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720)		Channel 1: Face: 20 m, normal video security: 80 m		
Main Stream Channel 1: 50 Hz: 25 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	Supplement Light Range	Channel 2: Normal video security: 30 m		
Main Stream 50 Hz: 25 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	Video			
Main Stream 60 Hz: 30 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	Main Stream	Channel 1:		
Main Stream Channel 2: 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720)		50 Hz: 25 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)		
Channel 2: 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720)		60 Hz: 30 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)		
		Channel 2:		
60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)		50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720)		
		60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)		



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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)		
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)		
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)		
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)		
Main stream: H.265+/H.265/H.264+/H.264		
Sub-stream: H.265/H.264/MJPEG		
Third stream: H.265/H.264		
Fourth stream: H.265/H.264/MJPEG		
Fifth stream: H.265/H.264/MJPEG		
Fifth stream: H.265/H.264/MJPEG		
Fifth stream: H.265/H.264/MJPEG32 Kbps to 16 Mbps		
32 Kbps to 16 Mbps		
32 Kbps to 16 Mbps BaseLine Profile/Main Profile/High Profile		
32 Kbps to 16 Mbps BaseLine Profile/Main Profile/High Profile Main Profile		
32 Kbps to 16 Mbps BaseLine Profile/Main Profile/High Profile Main Profile CBR/VBR		
32 Kbps to 16 MbpsBaseLine Profile/Main Profile/High ProfileMain ProfileCBR/VBRH.265 and H.264 support		
32 Kbps to 16 MbpsBaseLine Profile/Main Profile/High ProfileMain ProfileCBR/VBRH.265 and H.264 support4 fixed regions for each stream		
32 Kbps to 16 MbpsBaseLine Profile/Main Profile/High ProfileMain ProfileCBR/VBRH.265 and H.264 support4 fixed regions for each stream		
32 Kbps to 16 Mbps BaseLine Profile/Main Profile/High Profile Main Profile CBR/VBR H.265 and H.264 support 4 fixed regions for each stream Yes		
32 Kbps to 16 Mbps BaseLine Profile/Main Profile Main Profile CBR/VBR H.265 and H.264 support 4 fixed regions for each stream Yes		
32 Kbps to 16 Mbps BaseLine Profile/Main Profile/High Profile Main Profile CBR/VBR H.265 and H.264 support 4 fixed regions for each stream Yes Yes 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz		
32 Kbps to 16 MbpsBaseLine Profile/Main Profile/High ProfileMain ProfileCBR/VBRH.265 and H.264 support4 fixed regions for each streamYesYes8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHzG.711/G.722.1/G.726/MP2L2/PCM/AAC		
32 Kbps to 16 MbpsBaseLine Profile/Main Profile/High ProfileMain ProfileCBR/VBRH.265 and H.264 support4 fixed regions for each streamYesVes556KHz/16 kHz/32 kHz/44.1 kHz/48 kHz6.711/G.722.1/G.726/MP2L2/PCM/AAC64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/16 to 64		
32 Kbps to 16 MbpsBaseLine Profile/Main Profile/High ProfileMain ProfileCBR/VBRH.265 and H.264 support4 fixed regions for each streamYesVes556KHz/16 kHz/32 kHz/44.1 kHz/48 kHz6.711/G.722.1/G.726/MP2L2/PCM/AAC64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/16 to 64Kbps (AAC)		
32 Kbps to 16 MbpsBaseLine Profile/Main Profile/High ProfileMain ProfileCBR/VBRH.265 and H.264 support4 fixed regions for each streamYesVes556KHz/16 kHz/32 kHz/44.1 kHz/48 kHz6.711/G.722.1/G.726/MP2L2/PCM/AAC64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/16 to 64Kbps (AAC)		



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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		
Web Browser	Plug-in required live view: IE 8+, Chrome 41.0 to 44, Firefox 30.0 to 51, Safari 8.0 to 11		
	Plug-in free live view: Chrome 45.0+, Firefox 52.0+		
Mobile Communication			
Standard	/5G model: 5G NR/LTE-FDD/LTE-TDD		
	/5G model:		
Frequency	5G NR: n41/n77/n78/n79		
requercy	LTE-FDD: B1/B3/B5/B8		
	LTE-TDD: B38/39/B40/B41		
SIM Card Type	/5G model: Micro SIM		
Image			
Wide Dynamic Range (WDR)	120 dB		
Privacy Mask	4 programmable polygon privacy masks		
Day/Night Switch	Day,Night,Auto,Schedule,Alarm Trigger		
Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24 bit bmp format		
Image Enhancement	BLC, HLC, 3D DNR, Defog, EIS		
Image Parameters Switch	Yes		
Imaga Cattings	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client		
Image Settings	software or web browser		
Interface			
Alarm	3 inputs, 2 outputs (max. 24 VAC or 24 VDC, 1 A)		
Ethernet Interface	1 RJ45 10 M/100 M/1000 M self-adaptive Ethernet port		
	2 inputs (line in), 3.5 mm connector, max. input amplitude: 3.3 Vpp, input impedance:		
Audio	4.7 KΩ, interface type: non-equilibrium;		
Audio	1 output (line out), 3.5 mm connector, max. output amplitude: 3.3 Vpp, output		
	impedance: 600 Ω , interface type: non-equilibrium		
Built-in Microphone	Yes, 2 built-in microphones		
RS-485	1 RS-485 (half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)		
Built-in Speaker	Yes		
Video Output	1 Vp-p Composite Output (For debugging only)		
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB		
Reset Key	Yes		
Power Output	12 VDC, max. 200 mA (supported by all power supply types)		
Event			
Basic Event	Motion detection, video tampering alarm, network disconnected, IP address		
	conflict,illegal login,HDD full		
1 Selected	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm		
Linkage	output,trigger recording,trigger capture		
	Line crossing detection, intrusion detection, region entrance detection, region exiting		
Smart Event	detection, unattended baggage detection, object removal detection, scene change		
	detection, audio exception detection, defocus detection		



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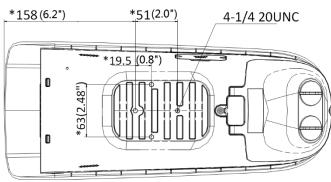
Deep Learning Function				
	Up to 10 face libraries. 150,000 faces for each library. 150,000 faces in total.,			
Face Comparison	Recognizes face identity via face modeling, grading and comparing to those in face			
	library,			
	Supports face library encryption			
	Supports simultaneous detection of human body, face, and non-motor vehicle			
Multi-target-type Detection	Gets 8 face features and 13 human body features			
	Face detection performance: Detects up to 120 faces simultaneously			
Eace Capture	Face detection angle: Swing left and right from -60° to 60°, tilt up and down from -30°			
Face Capture	to 30°			
	Upload face with background (1080p/720p) and closed-up face pictures			
People Counting	Yes			
General				
Power	24 VAC ± 20%, 2.42 A, max. 42.3 W, two-core terminal block			
Heater	Yes			
General Function	One key reset, heartbeat, mirror, password protection, privacy mask, watermark, IP			
General Function	address filter, flash log, conreol time out			
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)			
Startup and Operating	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)			
Conditions	-50 C to 50 C (-22 F to 140 F). Rumaily 95% Of less (1001-condensing)			
Material	Metal & Plastic			
Dimension	395.2 mm × 166.7 mm × 153.3 mm (15.6" × 6.6" × 6.0")			
Package Dimension	518 mm × 356 mm × 260 mm (20.4" × 14.0" × 10.2")			
Weight	Approx. 4 kg (8.8 lb.)			
With Package Weight	Approx. 6.495 kg (14.3 lb.)			
Approval				
Protection	IP66: IEC 60529-2013			

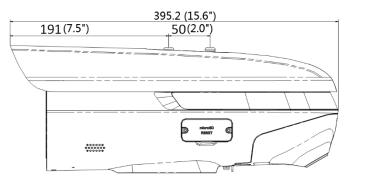
Available Model

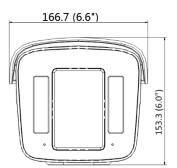
iDS-2CD8C86G0-XZS(11-40/4) iDS-2CD8C86G0-XZS/5G(10-50/4)



Dimension







Unit: mm(inch)

Accessory

Optional

DS-1269ZJ-P	DS-1214ZJ-P	DS-2204ZJ-P	DS-2201ZJ-WA
Pendant Mount	Horizontal pole mount	Wall Mount	Vertical pole mount
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