HIKVISION®

iDS-2CD8C46G0P-XZS
4 MP DeepinView Multi-Lens Bullet Camera

3D DNR | **Ai** | **H.265+** | | | **P Iris**

· DeepinView series

- 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 7 MP in channel 2
- Excellent low-light performance via DarkFighter technology
- Clear imaging against strong back light due to 120 dB WDR technology in channel 1 and digital WDR in channel 2
- 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

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▪ Specification

Camera

Camera	
Image Sensor	Channel 1: 1/1.8" Progressive Scan CMOS Channel 2: 1/1.8" Progressive Scan CMOS
Min. Illumination	Channel 1: Color: 0.0014 Lux @(F1.2, AGC ON) B/W: 0.0004 Lux @(F1.2, 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
P/N	P/N
Wide Dynamic Range	Channel 1: 120 dB Channel 2: digital WDR
Day & Night	Channel 1: IR cut filter Channel 2: No
Angle Adjustment	Channel 1: Capture unit: Tilt ±5° motorized ajdustment Channel 2: Monitoring unit: Tilt ±15° motorized adjustment
Power-off Memory	Yes
Available Camera/Video Channel	2

Lens

Lens	
Focus	Channel 1: (Motorized) 10~50 mm: semi-auto Channel 2: (Fixed) 4 mm: No
Lens Type & FOV	Channel 1: (Motorized) 10~50 mm @F1.2, horizontal FOV: 39.9°~9.5°, vertical FOV: 22.0°~5.3°, diagonal FOV: 46.3°~10.9° Channel 2: (Fixed) 4 mm @F1.0: horizontal FOV 160°, vertical FOV: 48°
Aperture	Channel 1: (motorzied) 10~50 mm, F1.2 Channel 2: (Fixed) 4 mm, F1.0
Lens Mount	Channel 1: (Mortorized) 10~50 mm, CS Channel 2: (Fixed) 4 mm, M16
Fixed Aperture	Channel 1: (Mortorized) 10~50 mm, Yes Channel 2: (Fixed) 4 mm, No
Aperture Type	Channel 1: (Mortorized) 10~50 mm, auto-iris Channel 2: (Fixed) 4 mm, fixed

Illuminator

Illuminator	
Smart Supplement Light	Yes
Supplement Light	Channel 1: hybrid illumination Channel 2: whitelight
Supplement Light Range	Channel 1: 15 m (Face capture/recognition) Channel 2: 30 m (normal surveillance)

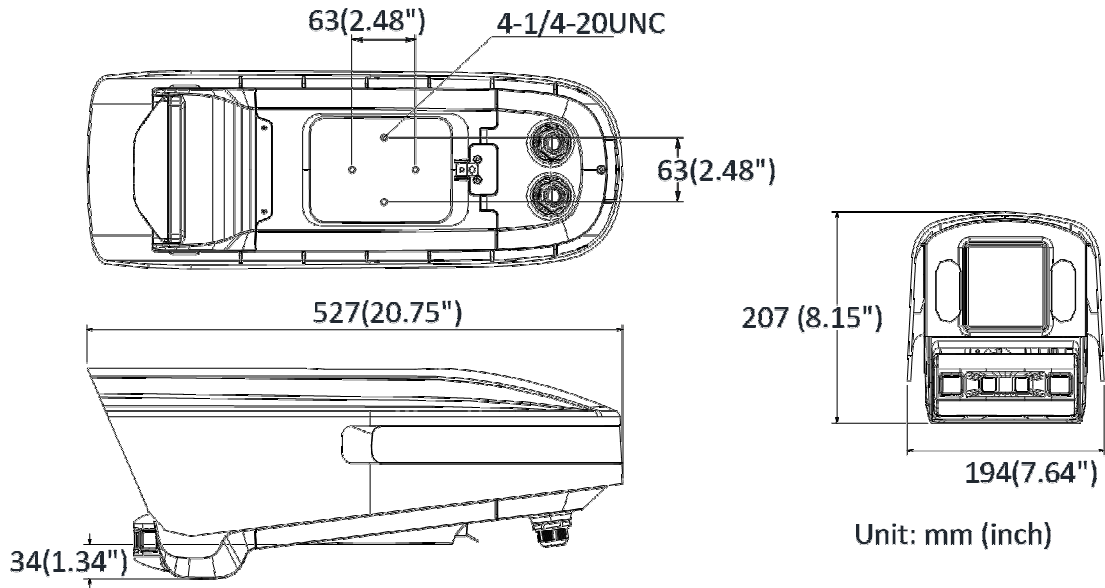| Video	
Max. Resolution	Channel 1: 2560 × 1440 Channel 2: 4976 × 1452
Main Stream	Channel 1: 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: 50Hz: 25 fps (4976 × 1452) 60Hz: 30 fps (4976 × 1452)
Sub Stream	Channel 1: 50Hz: 25 fps (704 × 576, 640 × 480) 60Hz: 30 fps (704 × 480, 640 × 480) Channel 2: 50Hz: 25 fps (2560 × 748) 60Hz: 30 fps (2560 × 748)
Third Stream	Channel 1: 50Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) Channel 2: No
Fourth Stream	Channel 1: 50Hz: 25 fps (704 × 576, 640 × 480) 60Hz: 30 fps (704 × 480, 640 × 480) Channel 2: No
Fifth Stream	Channel 1: 50Hz: 25 fps (704 × 576, 640 × 480) 60Hz: 30 fps (704 × 480, 640 × 480) Channel 2: No
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
Scalable Video Coding (SVC)	H.265 and H.264 support
Audio	
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/48 kHz
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/32Kbps(PCM)/8-320Kbps(MP3)
Audio Type	Mono sound
Network	
Simultaneous Live View	Up to 20 channels

API	Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, ISUP
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, SRTP, 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
Network Storage	microSD/SDHC/SDXC card (256 G) local storage, and NAS (NFS, SMB/CIFS), auto network replenishment (ANR)
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	
Day/Night Switch	Day/Night/Auto/Schedule/Triggered by Alarm In
Target Cropping	Channel 1: Yes Channel 2: No
DNR	3D DNR
Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24bit bmp format
Image Enhancement	Channel 1: BLC, HLC, 3D DNR, Defog, EIS Channel 2: BLC, HLC, 3D DNR, Defog
Image Parameters Switch	Yes
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser
SNR	50 dB
Interface	
Alarm	2 inputs, 2 outputs (max. 24 VAC or 24 VDC, 1 A)
Audio	1 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,
RS-485	1 RS-485 (half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
Video Output	1 Vp-p Composite Output (For debugging only)
Hardware Reset	Yes
Communication Interface	1 RJ45 10M/100M/1000M self-adaptive Ethernet port
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)
Human Body Attributes	Yes
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: Supports swing left and right from -60° to 60°, tilt up and down from -30° to 30°
	Upload face with background (1920 × 1080, 1280 × 720, 2560 × 1440) 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, 1.82 A, max. 28.1 W
Power Interface	Three-core terminal block
Camera Dimension	527 × 194 × 207 mm (20.75" × 7.64" × 8.15")
Package Dimension	652 × 402 × 363 mm (25.67" × 15.83" × 14.29")
Camera Weight	8.1 kg (17.86 lb.)
With Package Weight	13.0 kg (28.66 lb.)

Approval

| Class | Class A |
| Protection | IP66 |

Intelligent （Facial Recognition）

Invalid Capture Filter	Yes
Face Capture	Detects up to 30 faces at simultaneously
	Supports swing left and right from -60° to 60°, tilt up and down from -30° to 30°
	Uploads face with background and closed-up face pictures

▪ **Available Model**

iDS-2CD8C46G0P-XZS

▪**Dimension**

63(2.48") 4-1/4-20UNC

63(2.48")

527(20.75")

207 (8.15")

194(7.64")

34(1.34")

Unit: mm (inch)

▪ **Accessory**

▪**Optional**

DS-1214-ZJ(FH)-P Horizontal pole mount	DS-2204ZJ-P Wall Mount

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