

DS-2CD5185G0-IZS 8 MP VF Dome Network Camera



smart IPC

- 1/1.8" Progressive Scan CMOS
- 3840 × 2160 @ 30fps, MJPEG up to 1920 × 1080 @ 30fps
- 2.8 to 12 mm motor-driven lens
- Color: 0.007 Lux @ (F1.2, AGC ON)
- H.265, H.265+, H.264, H.264+
- 120dB WDR
- 3D DNR
- IR range up to 30 m
- Five streams and up to five custom streams
- 6 behavior analyses, 3 exception detection, and face detection
- Built-in microSD/SDHC/SDXC card slot, up to 256 GB
- Alarm I/O, Audio I/O, RS-485
- IK10



Specifications

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Min. Illumination	Color: 0.007 Lux @ (F1.2, AGC ON) 0 Lux with IR
Shutter Speed	1 s to 1/100,000 s
Slow Shutter	Yes
Day & Night	IR Cut Filter
Digital Noise Reduction	3D DNR
WDR	120 dB
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Lens	
Focal length	2.8 to 12 mm
Aperture	F1.2
Focus	Auto, semi-auto, manual
FOV	2.8 to 12 mm, horizontal FOV 112.4° to 41°, vertical FOV 58° to 23°, diagonal FOV 137° to 47°
Lens Mount	Integrated
IR	
IR Range	Up to 30 m
Wavelength	850 nm
Compression Standard	
Video Compression	Main stream: H.265/H.264/H.265+/H.264+ Sub stream/third stream/fourth stream/fifth stream/custom stream: H.265/H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
H.264+	Main stream support
H.265 Type	Main Profile
H.265+	Main stream support
Video Bit Rate	32 Kbps to 16 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/32Kbps(PCM)
Smart Feature-set	
Behavior Analysis	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Exception Detection	Scene change detection, audio exception detection, defocus detection
Statistics	Counting
Face Detection	Yes
Region of Interest	4 fixed regions for main stream, sub stream, third stream, fourth stream, and fifth stream, and dynamic face tracking
Image	
Max. Resolution	3840 × 2160
Main Stream	50Hz: 25fps (3840 × 2160, 3200 × 1800, 2560 × 1440, 1920 × 1080, 1080 × 720) 60Hz: 30fps (3840 × 2160, 3200 × 1800, 2560 × 1440, 1920 × 1080, 1080 × 720)
Sub Stream	50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480)

Third Stream	50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
Fourth Stream	50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
Fifth Stream	50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480)
Custom Stream	50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
Image Enhancement	BLC, HLC, Defog, EIS
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable by client software or web browser
Target Cropping	Yes
SVC	H.264 and H.265 encoding
Day/Night Switch	Auto/Schedule/Day/Night/Triggered by Alarm In
Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24bit bmp format
Network	
Network Storage	microSD/SDHC/SDXC card (up to 256 GB), local storage and NAS (NFS,SMB/CIFS), ANR
Alarm Trigger	Motion detection, video tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error
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
Security Measures	Password protection, HTTPS encryption, IEEE 802.1x port-based network access control, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF
General Function	One-key reset, anti-flicker, five streams, custom streams, heartbeat, password protection, privacy mask, watermark, IP address filter
API	ONVIF (PROFILE S, PROFILE G), ISAPI, SDK
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users. 3 user levels: administrator, operator and user
Client	iVMS-4200, Hik-Connect, iVMS-5200, Hik-Central
Web Browser	Plug-in required live view: IE8-11, Chrome 41-44, Mozilla Firefox30.0-51, Safari8.0+ Plug-in free live view: Chrome 45+, Mozilla Firefox52+
Interface	
Audio	1-ch 3.5 mm input (line in), 1-ch 3.5mm output, mono
Communication Interface	1 RJ45 10M/100M/1000M Ethernet port 1 RS-485 interface (half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
Alarm	1-ch input, 1-ch output (up to 24 VDC 1A or 110 VAC 500 mA)
Video Output	1Vp-p composite output (75 Ω/CVBS)
Power Output	12 VDC, max. 200mA (supported by 12 VDC, 24 VAC and PoE)
On-board storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
BNC	CVBS analog output (4CIF resolution), internal
Reset Button	Yes
Audio	
Environment Filtering	Noise Yes
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
General	
Firmware Version	5.5.80
Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F), humidity 95% or less (non-condensing)

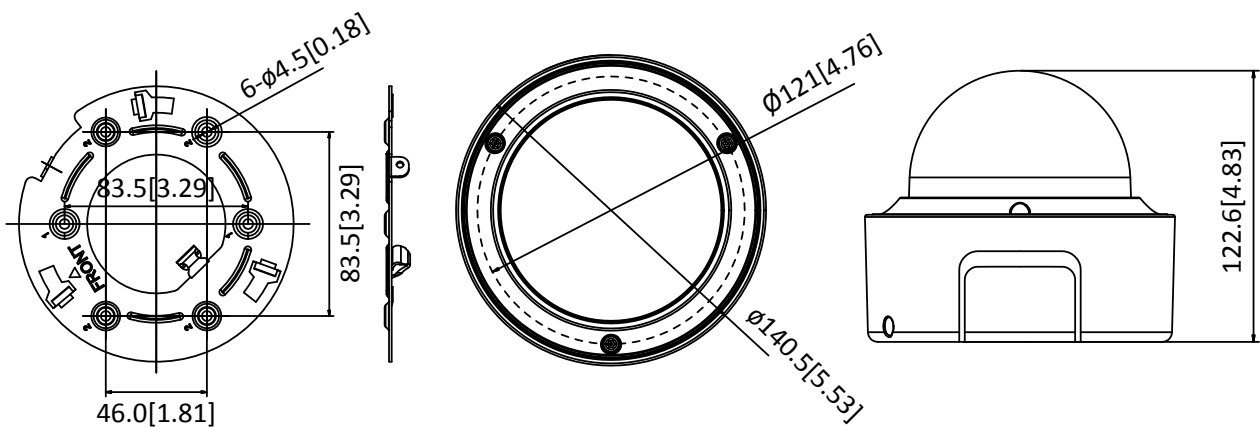
Power Supply	Recommended DC input 12 V, voltage range of 10 to 48 VDC allowed, two-core terminal block PoE (802.3af, class 3)
Power Consumption and Current	With extra load: 12 VDC, 0.8 A, max. 10.5 W; PoE (802.3af, 36 V to 57 V), 0.2 A to 0.3 A, class 3 Without extra load: 12 VDC, 0.6 A, max. 8 W; PoE (802.3af, 36 V to 57 V), 0.2 A to 0.3 A, class 3 "with extra load" means that an extra device is connected to and powered by the camera.
Protection Level	IK10
Material	Aluminum alloy
Dimensions	Camera: $\Phi 140.5 \times 122.6$ mm ($\Phi 5.5'' \times 4.8''$) With package: $244 \times 174 \times 173$ mm ($9.6'' \times 6.9'' \times 6.8''$)
Weight	Camera: 900 g (1.98 lb.) With package: 1250 g (2.76 lb.)

Note: Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

Available Model

DS-2CD5185G0-IZS (2.8–12 mm)

Dimension



Unit: mm[inch]

Accessory



DS-1273ZJ-130
Wall Mount



DS-1273ZJ-130B
Wall Mount



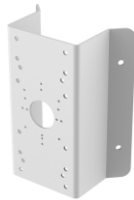
DS-1271ZJ-130
Pendent Mount



DS-1279ZJ
Pole



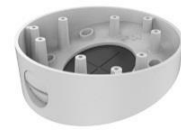
1275ZJ-SUS
Vertical Pole Mount



DS-1276ZJ-SUS
Corner Mount



DS-1227ZJ
In-ceiling Mount



DS-1281ZJ-DM23
Inclined Ceiling Mount

Distributed by



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