

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



smart IPC

- 1/1.8" Progressive Scan CMOS
- 3840 × 2160 @ 30fps
- 2.8 to 12 mm motor-driven lens
- Color: 0.009 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: 0.009 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 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 |
| Firmware Version | 5.5.4 |
| 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 | IE8+, Mozilla Firefox 30.0+, Google Chrome 31.0+, Safari 8.0+ |
| 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 |
| 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 | 5.5.4 |
| Operating Conditions | -30 °C to 60 °C (-22 °F to 140 °F), humidity 95% or less (non-condensing) |

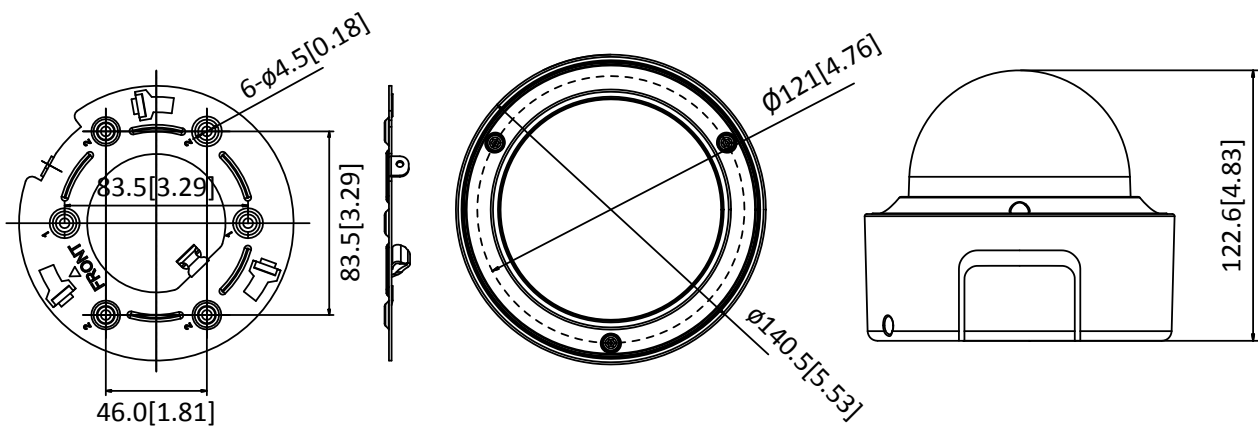
| | |
|-------------------------------|--|
| Power Supply | 12 VDC \pm 20%, two-core terminal block PoE (802.3af, class 3): 36 V to 57 V |
| Power Consumption and Current | 12 VDC \pm 20%: 0.7 A, max 8 W PoE (802.3af 36 V to 57 V): 0.3 A to 0.2 A, max. 9.0W |
| Protection Level | IK10 |
| Material | Aluminum alloy |
| Dimensions | Camera: Φ 140.5 \times 122.6 mm (Φ 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



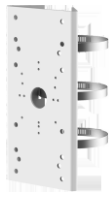
DS-1273ZJ-130B
Wall Mount



DS-1271ZJ-130
Pendent Mount



DS-1279ZJ
Pole



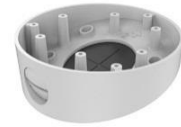
1275ZJ-SUS
Vertical Pole Mount



DS-1276ZJ-SUS
Corner Mount



DS-1227ZJ
In-ceiling Mount



DS-1281ZJ-DM23
Inclined Ceiling Mount

Distributed by



HIKVISION®

Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Africa
T +27 (10) 0351172
sale.africa@hikvision.com

Hikvision Europe
T +31-23-55-42-770
info.eu@hikvision.com

Hikvision France
T +33(0)1-85-330-450
info.fr@hikvision.com

Hikvision Oceania
T +61-2-8599-4233
salesau@hikvision.com

Hikvision Hong Kong
T +852-2151-1761

Hikvision Middle East
T +971-4-8816086
salesme@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Canada
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision Poland
T +48-22-460-01-50
poland@hikvision.com

Hikvision Korea
T +82-31-731-8841
sales.korea@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision UK
T +01628-902140
support.uk@hikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support@hikvision.com