

DS-2CD7585G0-IZ(H)S 8 MP IR Vari-Focal Dome Network Camera



DeepinView^{series}

- 1/1.8" Progressive Scan CMOS
- 3840 × 2160 @ 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+
- 120 dB WDR
- IR range up to 30 m
- Alarm I/O, Audio I/O
- IP67, IK10
- Anti-IR reflection
- High accuracy face detection and capture, which adopts new face detection, tracking and grading algorithms based on deep-learning technology
- Perimeter protection, based on deep learning powered target detection and classification algorithms, supports line crossing, intrusion, region entrance, and region exit
- Five defined streams and up to five custom streams
- Built-in microSD/SDHC/SDXC card slot, up to 256 GB



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 | 2.8 to 12 mm: 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.265/H.264+/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 supports |
| 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) |
| Smart Feature-Set | |
| Perimeter Protection | Line crossing, intrusion, region entrance, region exiting Support alarm triggering by specified target types (human and vehicle) Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. |
| Event Detection | Unattended baggage detection, object removal detection, scene change detection, defocus detection, audio exception detection |

| Smart Feature-Set | |
|------------------------|---|
| Face Detection | Face detection performance: detects up to 30 faces at the same time Face position: supports swing left and right from -65° to 65°, tilt up and down from -45° to 45° |
| Statistics | Counting |
| Region of Interest | Main stream/sub stream/third stream/fourth stream/fifth stream: 4 fixed region for each stream and dynamic face tracking |
| Image | |
| Max. Resolution | 3840 × 2160 |
| Main Stream | 50Hz: 25fps (3840 × 2160, 3200 × 1800, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (3840 × 2160, 3200 × 1800, 2560 × 1440, 1920 × 1080, 1280 × 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) Up to 5 custom streams are supported |
| Image Enhancement | BLC, HLC, 3D DNR, Defog, EIS, lens distortion correction |
| 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 | Day/Night/Auto/Schedule/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 (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 |

| Network | |
|-------------------------------|--|
| 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 3.5 mm output (line out), mono |
| Communication Interface | 1 RJ45 10M/100M/1000M Ethernet port |
| Alarm | 1 input, 1 output (up to 12 VDC 1A or 10 VAC 500 mA) |
| Video Output | 1Vp-p composite output (75 Ω/CVBS), 4CIF resolution |
| Power Output | 12 VDC, max. 100 mA (supported by all power supply types) |
| On-board storage | Built-in micro SD/SDHC/SDXC slot, up to 256 GB |
| Reset Button | Yes |
| Audio | |
| Environment Noise Filtering | Yes |
| Audio Sampling Rate | 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz |
| General | |
| Firmware Version | 5.5.80 |
| Operating Conditions | -IZS: -30 °C to 60 °C (-22 °F to 140 °F), humidity 95% or less (non-condensing) -IZHS: -40 °C to 60 °C (-40 °F to 140 °F), humidity 95% or less (non-condensing) |
| Power Supply | 12 VDC ± 20%, two-core terminal block; PoE (802.3at, class 4) |
| Power Consumption and Current | -IZS: With extra load: 12 VDC, 1.3 A, max. 15 W; PoE (802.3at, 42.5 V to 57 V), 0.4 A to 0.3 A, class 4 Without extra load: 12 VDC, 1.1 A, max. 13 W; PoE (802.3at, 42.5 V to 57 V), 0.4 A to 0.3 A, class 4 -IZHS: With extra load: 12 VDC, 1.5 A, max. 18 W; PoE (802.3at, 42.5 V to 57 V), 0.4 A to 0.3 A, class 4 Without extra load: 12 VDC, 1.3 A, max. 16 W; PoE (802.3at, 42.5 V to 57 V), 0.4 A to 0.3 A, class 4 “with extra load” means that an extra device is connected to and powered by the camera. |
| Protection Level | IP67, IK10 |
| Material | Aluminum Alloy |
| Dimensions | Camera: Φ162 × 140.3 mm (Φ6.4" × 5.5") With package: 251 × 215 × 189 mm (9.9" × 8.5" × 7.4") |
| Weight | Camera: 1450 g (3.2 lb.) With package: 1950 g (4.3 lb.) |

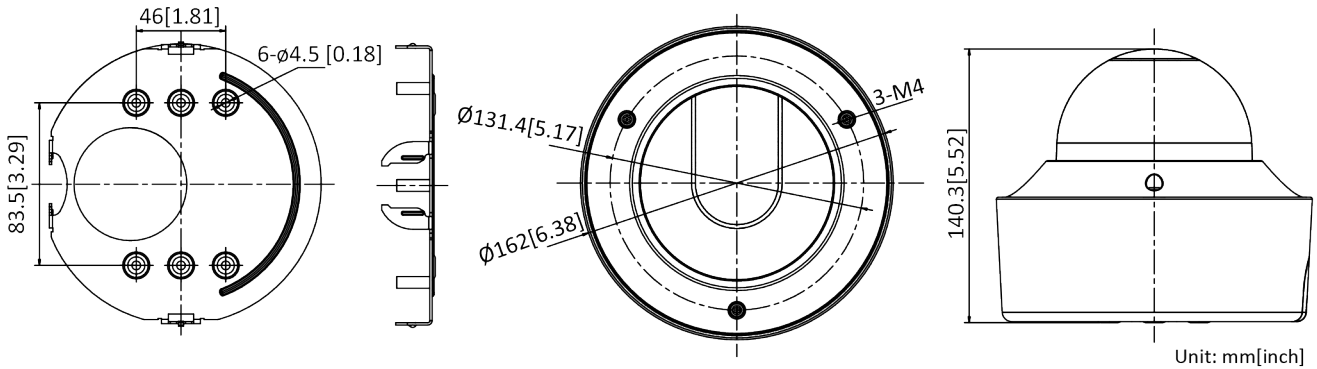
* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

Available Model

DS-2CD7585G0-IZS(2.8–12 mm), DS-2CD7585G0-IZHS(2.8–12 mm)

* -H: Heater supported.

Dimension



Accessory



DS-1475ZJ-SUS
Vertical Pole Mount



DS-1476ZJ-SUS
Corner Mount



DS-1471ZJ-155
Pendant Mount



DS-1473ZJ-155
Wall Mount

Distributed by



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