

## DS-2CD2183G0-I(S) 8 MP IR Fixed Dome Network Camera



### Key Features

- 1/2.5" Progressive Scan CMOS
- 3840 × 2160 @15 fps
- 2.8/4/6/8 mm fixed lens
- Color: 0.01 lux @(F1.2, AGC ON), 0.028 lux @(F2.0, AGC ON), 0 lux with IR
- H.265+, H.265, H.264+, H.264
- 2 Behavior analyses
- 120dB WDR
- BLC/3D DNR/ROI/HLC
- IP67, IK10
- Built-in micro SD/SDHC/SDXC card slot, up to 128 GB



## Specifications

| <b>Camera</b>               |  |
|-----------------------------|--|
| Image Sensor                | 1/2.5" Progressive Scan CMOS   |
| Min. Illumination           | Color: 0.01 lux @(F1.2, AGC ON), 0.028 lux @(F2.0, AGC ON), 0 lux with IR  |
| Shutter Speed               | 1/3 s to 1/100,000 s   |
| Slow Shutter                | Yes  |
| Day & Night                 | IR Cut Filter  |
| Digital Noise Reduction     | 3D DNR   |
| WDR                         | 120dB  |
| 3-Axis Adjustment           | Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°   |
| <b>Lens</b>                 |  |
| Focal Length                | 2.8/4/6/8 mm   |
| Aperture                    | F2.0   |
| Focus                       | Fixed  |
| FOV                         | 2.8 mm, horizontal FOV: 102°, vertical FOV: 53°, diagonal FOV: 124°<br>4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 95°<br>6 mm, horizontal FOV: 50°, vertical FOV: 28°, diagonal FOV: 59°<br>8 mm, horizontal FOV: 40°, vertical FOV: 25°, diagonal FOV: 53° |
| Lens Mount                  | M12  |
| <b>IR</b>                   |  |
| IR Range                    | Up to 30 m   |
| Wavelength                  | 850nm  |
| <b>Compression Standard</b> |  |
| Video Compression           | Main stream: H.265/H.264<br>Sub-stream: H.265/H.264/MJPEG<br>Third stream: H.265/H.264   |
| H.264 Type                  | Main Profile/High Profile  |
| H.264+                      | Main stream supports   |
| H.265 Type                  | Main Profile   |
| H.265+                      | Main stream supports   |
| Video Bit Rate              | 32 Kbps to 16 Mbps   |
| Audio Compression (-S)      | G722.1/G.711/G726/MP2L2/PCM/MP3  |
| Audio Bit Rate (-S)         | 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8Kbps-320Kbps(MP3)   |
| <b>Smart Feature-set</b>    |  |
| Smart Event                 | Line crossing detection, intrusion detection, face detection   |
| Basic Event                 | Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)   |
| Linkage Method              | Trigger recording: memory card, network storage, pre-record and post-record<br>Trigger captured pictures uploading: FTP, HTTP, NAS, Email<br>Trigger notification: HTTP, ISAPI, alarm output (-S), Email   |
| Region of Interest          | Support 1 fixed region for main stream and sub-stream  |
| <b>Image</b>                |  |
| Max. Resolution             | 3840 × 2160  |
| Main Stream                 | 50Hz: 12.5 fps (3840 × 2160), 20fps (3072 × 1728), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720)<br>60Hz: 15 fps (3840 × 2160), 20fps (3072 × 1728), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)   |

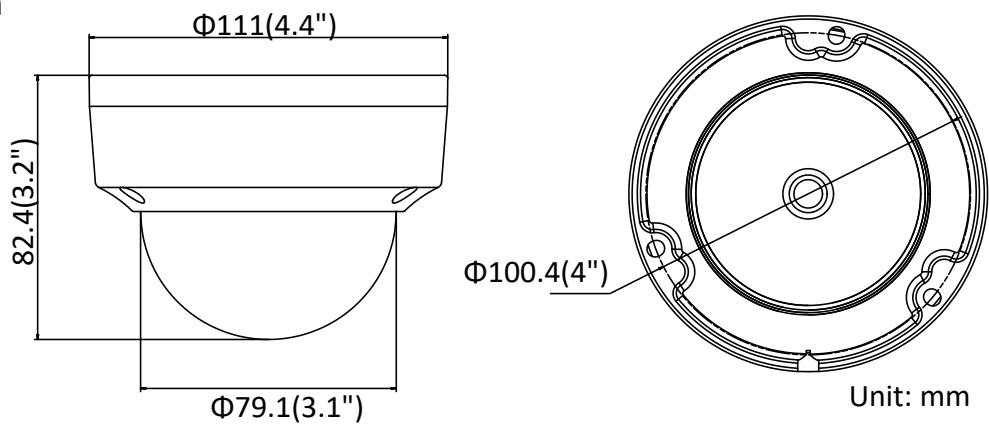
|   |  |
|---|--|
| Sub-Stream  | 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240)<br>60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)   |
| Third Stream  | 50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288)<br>60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240)   |
| Image Enhancement   | BLC/3D DNR/HLC   |
| Image Setting   | Saturation, brightness, contrast, sharpness, AGC, and white balance adjustable by client software or web browser   |
| Target Cropping   | No   |
| Day/Night Switch  | Day/Night/Auto/Schedule/Triggered by Alarm In (-S)   |
| *Note: When the main stream resolution is 3840 × 2160, max frame rate is 12.5 fps (50Hz)/15 fps (60Hz) for all streams. When the main stream resolution is 3072 × 1728, max frame rate is 20 fps for all streams. |  |
| <b>Network</b>  |  |
| Network Storage   | Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR  |
| Protocols   | TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS, WebSocket, WebSockets   |
| General Function  | Anti-flicker, three streams, heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, HTTP listening  |
| API   | ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK  |
| Security  | Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS 1.2, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, TLS1.2  |
| Simultaneous Live View  | Up to 6 channels   |
| User/Host   | Up to 32 users<br>3 levels: Administrator, Operator and User   |
| Client  | iVMS-4200, Hik-Connect, Hik-Central  |
| Web Browser   | Plug-in required live view: IE8+<br>Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+<br>Local Service: Chrome 41.0+, Firefox 30.0+  |
| <b>Interface</b>  |  |
| Audio (-S)  | 1 input (line in/mic in), 1 output (line out), terminal block, mono sound  |
| Alarm (-S)  | 1 input, 1 output (max. 12 VDC, 30 mA), terminal block   |
| Video Output  | No   |
| Communication Interface   | 1 RJ45 10M/100M self-adaptive Ethernet port  |
| On-board Storage  | Built-in microSD/SDHC/SDXC slot, up to 128 GB  |
| SVC   | H.264 and H.265 encoding support   |
| Reset Button  | Yes  |
| <b>Audio</b>  |  |
| Environment Noise Filtering   | Yes  |
| Audio Sampling Rate   | 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz  |
| <b>General</b>  |  |
| Operating Conditions  | -30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing)  |
| Web Client Language   | 32 languages<br>English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) |
| Power Supply  | 12 VDC ± 25%, Φ 5.5 mm coaxial power plug<br>PoE(802.3af, class 3)   |

|                               |   |
|-------------------------------|---|
| Power Consumption and Current | DC: 12 V, 0.6 A, max. 7.5 W<br>PoE: (802.3af, 36 V to 57 V), 0.3 A to 0.2 A, max. 9 W   |
| Protection Level              | IP67, IK10  |
| Material                      | Camera body: metal, bubble: plastic   |
| Dimensions                    | Camera: $\Phi$ 111 mm $\times$ 82.4 mm ( $\Phi$ 4.4" $\times$ 3.2")<br>Package: 134 $\times$ 134 $\times$ 108 mm (5.3" $\times$ 5.3" $\times$ 4.3") |
| Weight                        | Camera: approx. 500 g (1.1 lb.)   |

### Available Model

DS-2CD2183G0-I (2.8/4/6/8 mm), DS-2CD2183G0-IS (2.8/4/6/8 mm)

### Dimension



### Accessory





Wall Mount  
DS-1258ZJ



Inclined Ceiling Mount  
DS-1259ZJ(Black)



Pendant Mount  
DS-1271ZJ-110(Black)



Wall Mount  
DS-1272ZJ-110(Black)



Corner Mount  
DS-1276ZJ-SUS(Black)



Junction Box  
DS-1280ZJ-DM18(Black)

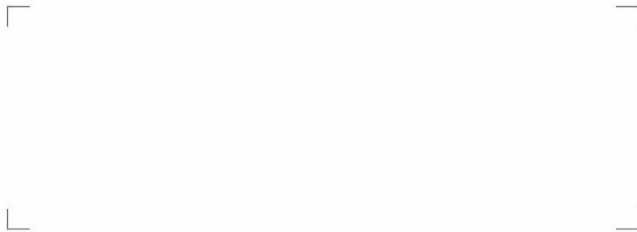


Wall Mount  
DS-1258ZJ(Black)



Vertical Pole Mount  
DS-1275ZJ-SUS(Black)

Distributed by



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