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

www.hikvision.com
### Specifications

**Camera**

- 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°

**Lens**

- 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°
  4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 95°
  6 mm, horizontal FOV: 50°, vertical FOV: 28°, diagonal FOV: 59°
  8 mm, horizontal FOV: 40°, vertical FOV: 25°, diagonal FOV: 53°
- Lens Mount: M12

**IR**

- IR Range: Up to 30 m
- Wavelength: 850nm

**Compression Standard**

- 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 Bit Rate (-S): 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8Kbps-320Kbps(MP3)

**Smart Feature-set**

- 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
  Trigger captured pictures uploading: FTP, HTTP, NAS, Email
  Trigger notification: HTTP, ISAPI, alarm output (-S), Email
- Region of Interest: Support 1 fixed region for main stream and sub-stream

**Image**

- Max. Resolution: 3840 x 2160
- Main Stream: 50Hz: 12.5 fps (3840 x 2160), 20fps (3072 x 1728), 25 fps (2560 x 1440, 1920 x 1080, 1280 x 720)
  60Hz: 15 fps (3840 x 2160), 20fps (3072 x 1728), 30 fps (2560 x 1440, 1920 x 1080, 1280 x 720)
**Sub-Stream**

<table>
<thead>
<tr>
<th>Frame Rate</th>
<th>Resolution (30 fps)</th>
<th>Resolution (60 fps)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50Hz</td>
<td>25fps (640 x 480, 640 x 360, 320 x 240)</td>
<td>60Hz: 30fps (640 x 480, 640 x 360, 320 x 240)</td>
</tr>
<tr>
<td>60Hz</td>
<td>30fps (640 x 480, 640 x 360, 320 x 240)</td>
<td>60Hz: 30fps (640 x 480, 640 x 360, 320 x 240)</td>
</tr>
</tbody>
</table>

**Third Stream**

<table>
<thead>
<tr>
<th>Frame Rate</th>
<th>Resolution (30 fps)</th>
<th>Resolution (60 fps)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50Hz</td>
<td>25fps (1280 x 720, 640 x 360, 352 x 288)</td>
<td>60Hz: 30fps (1280 x 720, 640 x 360, 352 x 240)</td>
</tr>
<tr>
<td>60Hz</td>
<td>30fps (1280 x 720, 640 x 360, 352 x 240)</td>
<td>60Hz: 30fps (1280 x 720, 640 x 360, 352 x 240)</td>
</tr>
</tbody>
</table>

**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 x 2160, max frame rate is 12.5 fps (50Hz)/15 fps (60Hz) for all streams. When the main stream resolution is 3072 x 1728, max frame rate is 20 fps for all streams.*

### Network

**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, PPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS

**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

3 levels: Administrator, Operator and User

**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+

### Interface

**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

### Audio

**Environment Noise Filtering**

Yes

**Audio Sampling Rate**

8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz

### General

**Operating Conditions**

-30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing)

**Web Client Language**

32 languages

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%, Ø 5.5 mm coaxial power plug

PoE(802.3af, class 3)

**Power Consumption and**

DC: 12 V, 0.6 A, max. 7.5 W
<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current</td>
<td>PoE: (802.3af, 36 V to 57 V), 0.3 A to 0.2 A, max. 9 W</td>
</tr>
<tr>
<td>Protection Level</td>
<td>IP67, IK10</td>
</tr>
<tr>
<td>Material</td>
<td>Camera body: metal, bubble: plastic</td>
</tr>
<tr>
<td>Dimensions</td>
<td>Camera: Φ 111 mm × 82.4 mm (Φ 4.4” × 3.2”)</td>
</tr>
<tr>
<td></td>
<td>Package: 134 × 134 × 108 mm (5.3” × 5.3” × 4.3”)</td>
</tr>
<tr>
<td>Weight</td>
<td>Camera: approx. 500 g (1.1 lb.)</td>
</tr>
</tbody>
</table>

**Available Model**

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

**Dimension**

**Accessory**

- Inclined Ceiling Mount: DS-1259ZJ
- Wall Mount: DS-1272ZJ-110
- Wall Mount + Junction Box: DS-1272ZJ-110B
- Pendant Mount: DS-1271ZJ-110
- Junction Box: DS-1280ZJ-DM18
- Corner Mount: DS-1276ZJ-SUS
- Vertical Pole Mount: DS-1275ZJ
- Rain-proof Cap: DS-1250ZJ