

## DS-2CD3185G0-I(S) 8 MP IR Fixed Dome Network Camera



### Key Features

- Up to 8 megapixel high resolution
- Max. 3840 × 2160 @20fps
- 2.8 mm/4 mm/6 mm fixed lens, optional
- H.265, H.265+, H.264+, H.264
- 120dB Wide Dynamic Range
- 3D Digital Noise Reduction
- 12 VDC & PoE (802.3af)
- IR range: up to 40 m
- Support on-board storage, up to 128 GB
- IP67, IK10
- 3-axis adjustment
- Color: 0.01 lux @(F1.2, AGC ON), 0.028 Lux @(F2.0, AGC ON), 0 lux with IR



## Specification

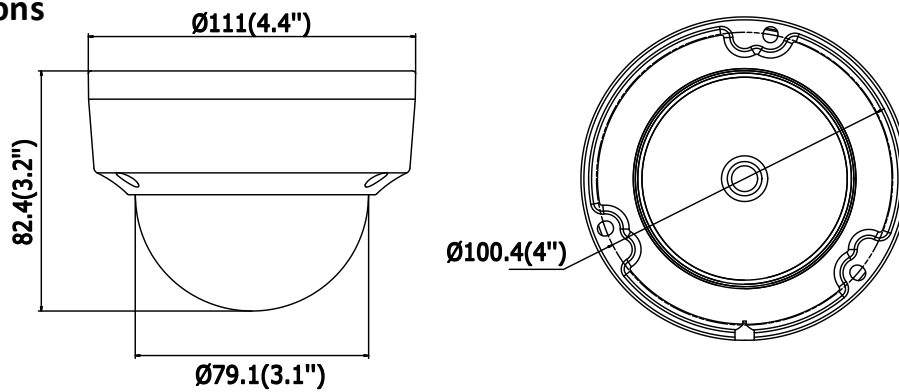
| <b>Camera</b>               |   |
|-----------------------------|---|
| Image Sensor                | 1/2.5" Progressive Scan CMOS  |
| Min. Illumination           | Color: 0.01 lux @(F1.2, AGC ON), 0.028 Lux @(F2.0, AGC ON), 0 lux with IR   |
| Shutter Speed               | 1/3 s to 1/100,000 s  |
| Slow Shutter                | Yes   |
| Focal length                | 2.8/4/6 mm  |
| Focus                       | Fixed   |
| Aperture                    | F2.0  |
| 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° |
| Lens Mount                  | M12   |
| Day & Night                 | IR cut filter   |
| DNR                         | 3D DNR  |
| Wide Dynamic Range          | 120dB   |
| 3-Axis Adjustment           | Pan: 0° to 355° , tilt: 0° to 75° , rotate: 0° to 355°  |
| <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)      | G.711/G.722.1/G.726/MP2L2/PCM   |
| Audio Bit Rate (-S)         | 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)   |
| <b>Image</b>                |   |
| Max. Resolution             | 3840 × 2160   |
| Main Stream                 | 50Hz: 20 fps (3840 × 2160), 25 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)<br>60Hz: 20 fps (3840 × 2160), 30fps (3072 × 1728, 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 Settings              | Support rotate mode. Brightness, contrast, saturation, and sharpness are adjustable via web browser and client software   |
| ROI (Region of Interest)    | Support 1 fixed region for main stream and sub stream separately  |
| Day/Night Switch            | Day/Night/Auto/Schedule/Triggered by alarm in   |
| <b>Network</b>              |   |
| Network Storage             | Support micro SD/SDHC/SDXC card (128G) local storage, NAS (NFS,SMB/CIFS), ANR   |
| Alarm Trigger               | Motion Detection, Tampering Alarm, Network Disconnected, IP Address Conflict, Illegal Login, HDD full, HDD error  |

|                             |  |
|-----------------------------|--|
| Protocols                   | TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6 |
| Standard                    | ONVIF (PROFILE S, PROFILE G), ISAPI  |
| General Function            | One-key Reset, Anti-Flicker, Heartbeat, Mirror, Password Protection, Privacy Mask, Watermark, IP Address Filter              |
| Firmware Version            | V5.5.60  |
| API                         | ONVIF (PROFILE S, PROFILE G), ISAPI  |
| 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, iVMS-5200, iVMS-4500   |
| Web Browser                 | IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+   |
| <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   |
| Communication Interface     | 1 RJ45 10M/100M self-adaptive Ethernet port  |
| On-board Storage            | Built-in micro SD/SDHC/SDXC slot, up to 128 GB   |
| Reset button                | Yes  |
| <b>Audio</b>                |  |
| Environment Noise Filtering | Yes  |
| Audio Sampling Rate         | 8kHz/16 kHz/32 kHz/44.1 kHz/48 kHz   |
| 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)  |
| <b>Smart Feature-set</b>    |  |
| Behavior Analysis           | Line crossing detection, intrusion detection, unattended baggage detection, object removal detection                         |
| Exception Detection         | Scene change detection, audio exception detection  |
| Face Detection              | Yes  |
| <b>General</b>              |  |
| Operating Conditions        | -30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)  |
| Power Supply                | 12 VDC ± 25%, 6.2W<br>PoE(802.3af, class 3), 9W  |
| IR Range                    | Up to 40 m   |
| Protection Level            | IP67, IK10   |
| Dimensions                  | Camera: Φ 111 × 82.4 mm (Φ 4.4" × 3.2")<br>Package: 134 × 134 × 108 mm (5.27" × 5.27" × 4.25")                               |
| Weight                      | Camera: 500 g (1.1 lb.)  |

## Available Model

DS-2CD3185G0-I(S) (2.8/4/6) mm

## Dimensions



Unit: mm

## Accessories



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



Vertical pole mount

DS-1275ZJ



Rain-proof cap

DS-1250ZJ

Distributed by



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