

## DS-2CD1123G0-I 2.0 MP IR Network Dome Camera



2.8 mm Fixed Lens



Non 2.8 mm Fixed Lens



### Key Features

- 1/2.8" progressive scan CMOS
- 1920 × 1080@30fps
- 2.8 mm/4 mm/6 mm fixed lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- Digital WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- PoE (Power over Ethernet)
- IP67, IK10



## Specification

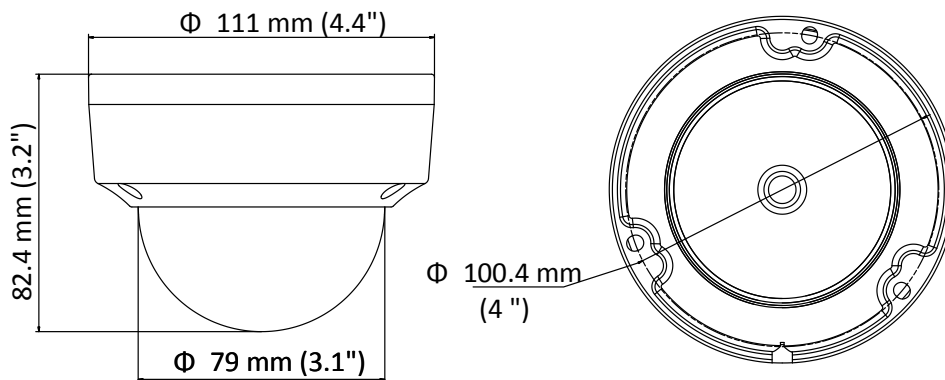
| <b>Camera</b>                  |   |
|--------------------------------|---|
| Image Sensor                   | 1/2.8" progressive scan CMOS  |
| Min. Illumination              | Color: 0.01 Lux @(F1.2, AGC ON), 0.028Lux @ (F2.0, AGC ON)  |
| Shutter Speed                  | 1/3 s to 1/100, 000 s   |
| Slow Shutter                   | Yes   |
| Auto-Iris                      | No  |
| Day & Night                    | IR cut filter   |
| Digital Noise Reduction        | 3D DNR  |
| WDR                            | Digital WDR   |
| Angle Adjustment               | Pan: 0° to 355°, tilt: 0° to 70°  |
| <b>Lens</b>                    |   |
| Focal length                   | 2.8 mm, 4 mm, 6 mm  |
| Aperture                       | F2.0  |
| Focus                          | No  |
| FOV                            | 2.8 mm, horizontal FOV 114°, vertical FOV 62°, diagonal FOV 135°<br>4 mm, horizontal FOV 86°, vertical FOV 46°, diagonal FOV 102°<br>6 mm, horizontal FOV 54°, vertical FOV 30°, diagonal FOV 62° |
| Lens Mount                     | M12   |
| <b>IR</b>                      |   |
| IR Range                       | Up to 30 m  |
| Wavelength                     | 850 nm  |
| <b>Compression Standard</b>    |   |
| Video Compression              | Main stream: H.265/H.264<br>Sub stream: H.265/H.264/MJPEG   |
| H.264 Type                     | Baseline Profile/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 8 Mbps   |
| <b>Smart Feature-set</b>       |   |
| Region of Interest             | 1 fixed region for main stream and sub-stream   |
| <b>Image</b>                   |   |
| Max. Resolution                | 1920 × 1080   |
| Main Stream<br>Max. Frame Rate | 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720)<br>60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)  |
| Sub-stream<br>Max. Frame Rate  | 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240)<br>60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)  |
| Image Enhancement              | BLC, 3D DNR   |
| Image Setting                  | Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser  |
| Day/Night Switch               | Auto, scheduled   |
| <b>Network</b>                 |   |
| Alarm Trigger                  | Motion detection, video tampering alarm, illegal login  |
| Protocols                      | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour  |
| General Function               | Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark   |
| Firmware Version               | 5.5.2   |

|                               |  |
|-------------------------------|--|
| 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  |
| Web Browser                   | IE7+, Chrome18-42, Firefox5.0+, Safari5.02+  |
| <b>Interface</b>              |  |
| Communication Interface       | 1 RJ45 10M/100M self-adaptive Ethernet port  |
| <b>General</b>                |  |
| Operating Conditions          | -30 °C to 50 °C (-22 °F to 122 °F), humidity: 95% or less (non-condensing)                               |
| Power Supply                  | 12 VDC ± 25%, 5.5 mm coaxial power plug<br>PoE (802.3af, class 3)  |
| Power Consumption and Current | 12 VDC, 0.4 A, Max: 5 W<br>PoE: (802.3af, 36 V to 57 V), 0.2 A to 0.13 A, Max: 7 W                       |
| Ingress Protection            | IP67, IK10<br>TVS 2000V lightning protection, surge protection and voltage transient protection          |
| Material                      | Metal & Plastic  |
| Dimensions                    | Camera: Ø 111 mm × 82.4 mm ( 4.4" × 3.2")<br>With package: 134 mm × 134 mm × 108 mm (5.3" × 5.3" × 4.3") |
| Weight                        | Camera: Approx. 410 g (0.9 lb.)<br>With package: Approx. 610 g (1.3 lb.)                                 |

## Available Models

DS-2CD1123G0-I (2.8 mm), DS-2CD1123G0-I (4 mm), DS-2CD1123G0-I (6 mm)

**Dimension**



**Accessories**



**DS-1259ZJ**  
Inclined Ceiling  
Mount



**DS-1271ZJ-110**  
Pendant Mount



**DS-1272ZJ-110**  
Wall Mount



**DS-1272ZJ-110B**  
Wall Mount



**DS-1258ZJ**  
Wall Mount



**DS-1276ZJ-SUS**  
Corner Mount



**DS-1280ZJ-DM18**  
Junction Box



**DS-1250ZJ**  
Rain Shade

Distributed by



**DS-1253ZJ-M**  
Rain Shade

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Hikvision Hong Kong**  
T +852-2151-1761