

DS-2CD2323G0-I(U) 2 MP IR Fixed Turret Network Camera



- 1/2.8" Progressive Scan CMOS
- 1920 × 1080@30fps
- 2.8/4/6 mm fixed lens
- Color: 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR
- H.265, H.265+, H.264, H.264+
- Three streams
- 120dB WDR

- BLC/3D DNR/ROI/HLC
- IR range: Up to 30 m
- Built-in micro SD/SDHC/SDXC card slot, up to 128 GB
- 3-Axis adjustment
- Built-in microphone (optional)



Specifications

| Camera | |
|-----------------------------|---|
| Image Sensor | 1/2.8" Progressive Scan CMOS |
| Min. Illumination | Color: 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 |
| WDR | 120 dB |
| Angle Adjustment | Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360° |
| Lens | |
| Lens Type | Fixed lens, 2.8/4/6 mm |
| Aperture | F2.0 |
| FOV | 2.8mm: Horizontal FOV: 114° , vertical FOV: 62° , diagonal FOV: 135° 4 mm: Horizontal FOV: 86° , vertical FOV: 46° , diagonal FOV: 102° 6 mm: Horizontal FOV: 54° , vertical FOV: 30° , diagonal FOV: 62° |
| Lens Mount | M12 |
| Illuminator | |
| IR Range | Up to 30 m |
| Wavelength | 850 nm |
| Video | |
| Max. Resolution | 1920 × 1080 |
| Main Stream | 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) |
| Sub Stream | 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) |
| Third Stream | 50Hz: 25fps (1920 × 1080, 1280 × 720, 640 × 360, 352 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 720, 640 × 360, 352 × 240) |
| Video Compression | Main stream/third stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG |
| 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 |
| Scalable Video Coding (SVC) | H.264 and H.265 encoding |
| Audio(-U) | |
| Audio Compression | G.711/G.722.1/G.726/MP2L2/PCM/MP3 |
| Audio Bit Rate | 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8Kbps-320Kbps(MP3) |
| Environment Noise Filtering | Yes |

| | |
|--------------------------|--|
| Audio Sampling Rate | 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz |
| Smart Feature-Set | |
| Smart Event | Line crossing detection, intrusion detection and 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, Email |
| Region of Interest | 1 fixed region for main stream and sub-stream |
| Image | |
| Image Enhancement | BLC, HLC, 3D DNR |
| Image Setting | Rotate mode, saturation, brightness, contrast, sharpness, AGC and white balance adjustable by client software or web browser |
| Day/Night Switch | Day/Night/Auto/Schedule |
| Network | |
| Network Storage | microSD/SDHC/SDXC card (128 GB), local storage and NAS (NFS,SMB/CIFS), ANR Together with high-end Hikvision memory card, memory card encryption and health detection are supported. |
| 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, SSL/TLS |
| API | ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, Ehome |
| 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 | |
| Communication Interface | 1 RJ45 100M self-adaptive Ethernet port |
| Audio (-U) | 1 audio input (built-in microphone), mono sound |
| Video Output | No |
| Interface Style | Pigtail style interface |
| On-board storage | Built-in micro SD/SDHC/SDXC slot, up to 128 GB |
| General | |
| 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) |

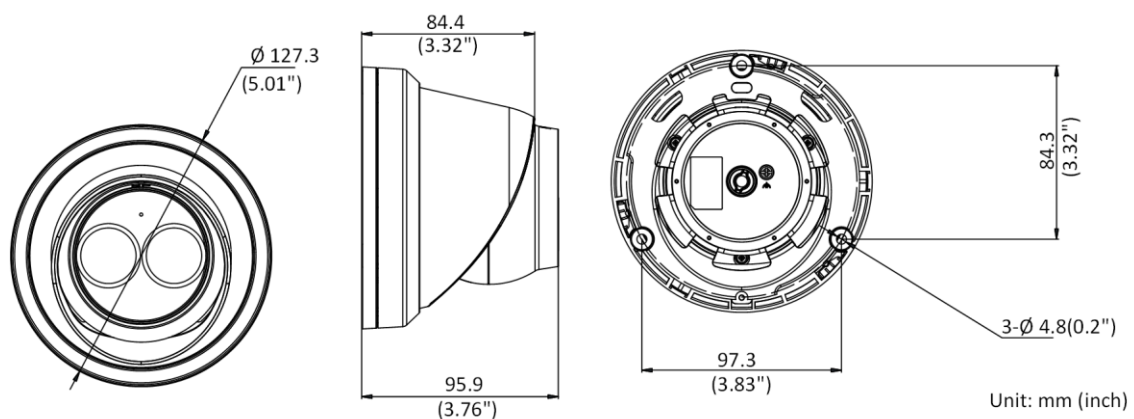
| | |
|----------------------------------|---|
| General Function | Anti-flicker, three streams, heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, HTTP listening |
| Reset | Reset via reset button on camera body, web browser and client software |
| Startup and Operating Conditions | -30 °C to 60 °C (-22 °F to 140 °F), humidity 95% or less (non-condensing) |
| Storage Conditions | -30 °C to 60 °C (-22 °F to 140 °F), humidity 95% or less (non-condensing) |
| Power Supply | 12 VDC ± 25%, Φ 5.5 mm coaxial power plug; PoE (802.3af, class 3) |
| Power Consumption and Current | 12 VDC, 0.5 A, max. 6 W; PoE (802.3af, 36 V to 57 V), 0.3 A to 0.2 A, max. 7.5 W |
| Material | Metal |
| Dimensions | Camera: Φ 127.3 × 95.9 mm (5" × 3.8") With package: 150 × 150 × 141 mm (5.9" × 5.9" × 5.6") |
| Weight | Camera: Approx. 635 g (1.4 lb.) With package: Approx. 890 g (1.96 lb.) |
| Approval | |
| EMC | 47 CFR Part 15, Subpart B; EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014; AS/NZS CISPR 32: 2015; ICES-003: Issue 6, 2016; KN 32: 2015, KN 35: 2015 |
| Safety | UL 60950-1, IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IS 13252(Part 1):2010+A1:2013+A2:2015 |
| Chemistry | 2011/65/EU, 2012/19/EU, Regulation (EC) No 1907/2006 |
| Protection | Without -U: Ingress protection: IP67 (IEC 60529-2013) With -U: Ingress protection: IP66 (IEC 60529-2013) |

* 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-2CD2323G0-I (2.8/4/6 mm), DS-2CD2323G0-IU (2.8/4/6 mm)

Dimensions



Accessory



DS-1273ZJ-130-TRL
Wall Mount



DS-1273ZJ-130B-TRL
Wall Mount



DS-1276ZJ-SUS
Corner Mount



DS-1275ZJ-SUS
Vertical Pole Mount



DS-1280ZJ-DM8
Junction Box



DS-1281ZJ-M
Inclined Ceiling Mount



DS-1271ZJ-130-TRL
Pendant Mount



DS-1273ZJ-130-TRL(Black)
Wall Mount



DS-1276ZJ-SUS(Black)
Corner Mount



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

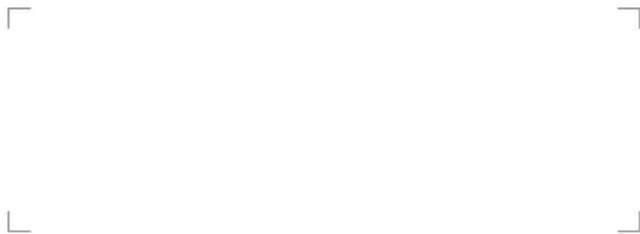


DS-1280ZJ-DM8(Black)
Junction Box



DS-1281ZJ-M(Black)
Inclined Ceiling Mount

Distributed by

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