

DS-2CD6425G1-XX 2 MP Covert Network Camera



- High quality imaging with 2 MP resolution
- Efficient H.265+ compression technology to save bandwidth and storage
- Clear imaging against strong back light due to 120 dB true WDR technology
- Audio and alarm interface available
- 3D DNR technology delivers clean and sharp images



▪ Specification

| Camera | |
|-----------------------------|---|
| Image Sensor | 1/2.8" Progressive Scan CMOS |
| Max. Resolution | 1920 × 1080 |
| Min. Illumination | Color: 0.002 Lux @ (F1.2, AGC ON) |
| Shutter Time | 1/3 s to 1/100,000 s |
| Lens | |
| Focal Length & FOV | L10/L20 model: 2.8 mm: horizontal FOV: 93.9°, vertical FOV: 51.7°, diagonal FOV: 109.3° 3.7 mm: horizontal FOV: 75.5°, vertical FOV: 41.6°, diagonal FOV: 87.3° L30 model: 2.8 mm: horizontal FOV: 107.8°, vertical FOV: 57.9°, diagonal FOV: 126.7° 4 mm: horizontal FOV: 82.8°, vertical FOV: 45.1°, diagonal FOV: 98° |
| Lens Mount | L10/L20: Mini L30: M12 |
| Iris Type | Fixed |
| Aperture | L10/L20: 2.8 mm: F2.5 3.7 mm: F2.5 L30: 2.8 mm: F2.0 4 mm: F2 |
| DORI | |
| DORI | L10/L20: 2.8 mm: D: 47.9 m, O: 19 m, R: 9.6 m, I: 4.8 m 3.7 mm: D: 59.3 m, O: 23.5 m, R: 11.9 m, I: 5.9 m L30: 2.8 mm: D: 42.8 m, O: 17 m, R: 8.6 m, I: 4.3 m 4 mm: D: 55.2 m, O: 21.9 m, R: 11 m, I: 5.5 m |
| Video | |
| Main Stream | 50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) |
| Sub-Stream | 50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240) 60 Hz: 30 fps (640 × 480, 640 × 360, 320 × 240) |
| Third Stream | 50 Hz: 1 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360, 320 × 240) 60 Hz: 1 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360, 320 × 240) |
| Video Compression | Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264 |
| H.264 Type | Baseline Profile/Main Profile/High Profile |
| H.265 Type | Main Profile |
| Bit Rate Control | CVR/BVR |
| Scalable Video Coding (SVC) | H.264 and H.265 encoding |
| Region of Interest (ROI) | Support 1 fixed region for main stream |
| Audio | |
| Audio Type | Mono |

| | |
|-----------------------------|---|
| Audio Compression | G.711/G.722.1/G.726/MP2L2/PCM/AAC |
| Audio Bit Rate | 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/16 to 64 Kbps (AAC) |
| Audio Sampling Rate | 8 kHz/16 kHz/32 kHz |
| Environment Noise Filtering | Yes |
| Network | |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS |
| Simultaneous Live View | Up to 15 channels |
| API | Open Network Video Interface, ISAPI, SDK, ISUP 5.0 |
| User/Host | Up to 32 users 3 level: administrator, operator, and user |
| Network Storage | NAS (NFS, SMB/CIFS) |
| Client | iVMS-4200, Hik-Connect |
| Web Browser | Plug-in required live view: IE10, IE11 Plug-in free live view: Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+ |
| Image | |
| Image Parameters Switch | Yes |
| Image Settings | Saturation, brightness, contrast, and sharpness adjustable by client software or web browser |
| Day/Night Switch | Day, Night, Auto, Schedule |
| Wide Dynamic Range (WDR) | 120 dB |
| Image Enhancement | BLC, HLC, defog, 3D DNR |
| Privacy Mask | Yes |
| Interface | |
| Ethernet Interface | 1 RJ45 10 M/100 M self-adaptive Ethernet port |
| On-Board Storage | Built-in memory card slot, support MicroSD/MicroSDHC/MicroSDXC card, up to 256 GB |
| Audio | 1 input (line in), 1 output (line out) |
| Alarm | 1 input, 1 output (max. 12 VDC, 30 mA) |
| RS-485 | 1 RS-485 (half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive) |
| Reset Key | Yes |
| Event | |
| Basic Event | Motion detection, video tampering alarm, exception (HDD full, HDD error, network disconnected), video quality diagnosis |
| Smart Event | Intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection Audio exception detection, defocus detection, scene change detection |
| Linkage | Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger capture, audible warning |
| General | |
| Power | 12 VDC \pm 20%, 0.25 A, max. 3 W, two-core terminal block PoE: 802.3af, Type 1, Class 3, 36 V to 57 V, 0.1 A to 0.07A, max. 3.65 W |

| | |
|----------------------------------|--|
| Dimension | Main body: 77.5 mm × 69 mm × 26 mm (3.1" × 2.7" × 1.0") L10: Ø26 mm × 40 mm (Ø1.0" × 1.6") L20: 37 mm × 26 mm × 25 mm (1.5" × 1.0" × 1.0") L30: Ø26 mm × 50 mm (Ø1.0" × 2.0") |
| Package Dimension | Kit/Main body: 254 mm × 164 mm × 130 mm (10" × 6.5" × 5.1") Camera: 219 mm × 139 mm × 100 mm (8.6" × 5.5" × 3.9") |
| Weight | Main body: approx. 90 g (0.2 lb.) Camera: approx. 90 g (0.2 lb.) |
| With Package Weight | Main body: approx. 456 g (1.0 lb.) Package (with 8 m cable): approx. 991 g (2.2 lb.) Package (with 2 m cable): approx. 776 g (1.7 lb.) Camera (with 8 m cable): approx. 676 g (1.5 lb.) Camera (with 2 m cable): approx. 451 g (1.0 lb.) |
| Storage Conditions | -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing) |
| Startup and Operating Conditions | -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing) |
| Language | 18 languages: English, Traditional Chinese, Russian, Turkish, Japanese, Korean, Thai, Vietnamese, Estonian, Bulgarian, Hungarian, Czech, Slovak, French, Italian, German, Spanish, Portuguese |
| General Function | One-key reset, heartbeat, mirror, password protection, privacy mask, rotate, watermark, IP address filter |
| Length of Lens Cable | 2 m (6.6 ft.) and 8 m (26.2 ft.) optional |
| Approval | |
| EMC | FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2:2019, EEN 61000-3-3:2013+A1:2019, EN 50130-4: 2011+A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC (ICES-003: Issue 7); KC (KN 32: 2015, KN 35: 2015) |
| Safety | UL (UL 62368-1); CB (IEC 62368-1:2014+A11); CE-LVD (EN 62368-1:2014/A11:2017); BIS (IS 13252(Part 1):2010/ IEC 60950-1 : 2005); LOA (IEC/EN 60950-1) |
| Environment | CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006) |

▪ Available Model

- DS-2CD6425G1-10(3.7mm) 2/8 m
- DS-2CD6425G1-20(2.8/3.7 mm) 2/8 m
- DS-2CD6425G1-30(2.8/4 mm) 2/8 m
- DS-2CD6425G1-C1

▪ **Typical Application**

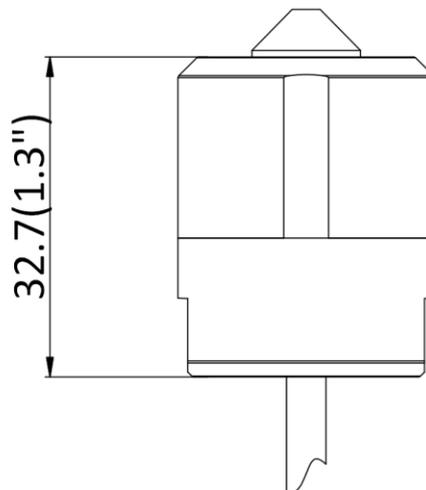
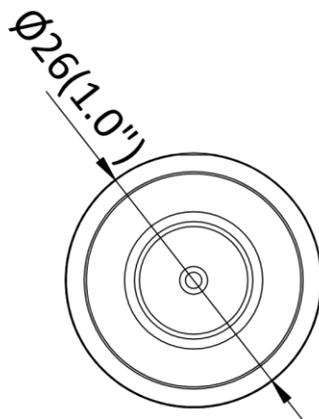
Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

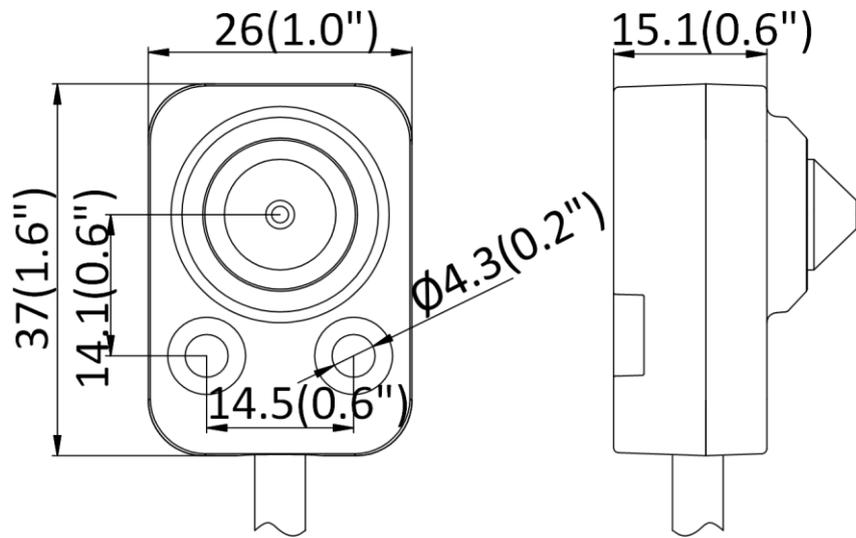
| Level | Description |
|------------------------|--|
| Top-level protection | Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more. |
| Moderate protection | Hikvision products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain. |
| No specific protection | Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed. |

▪ **Dimension**

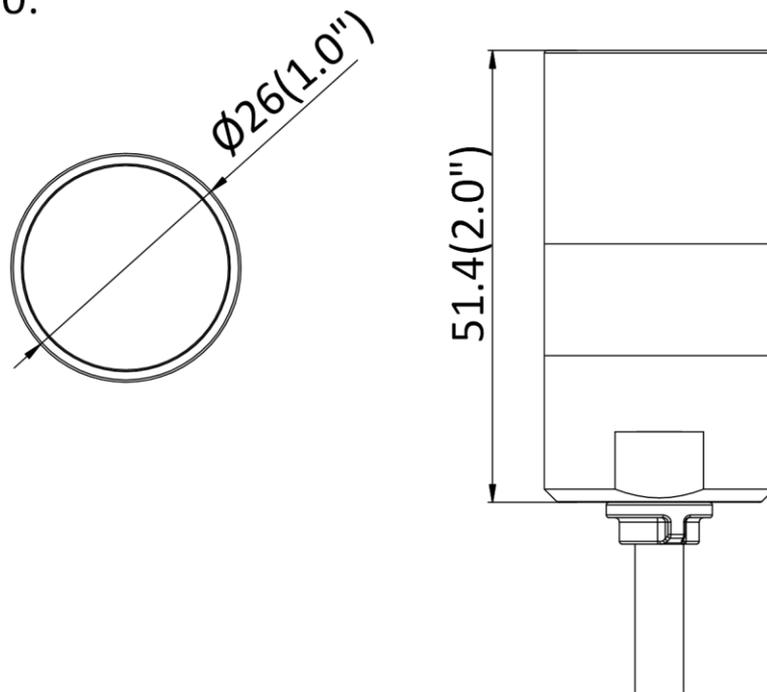
L10:



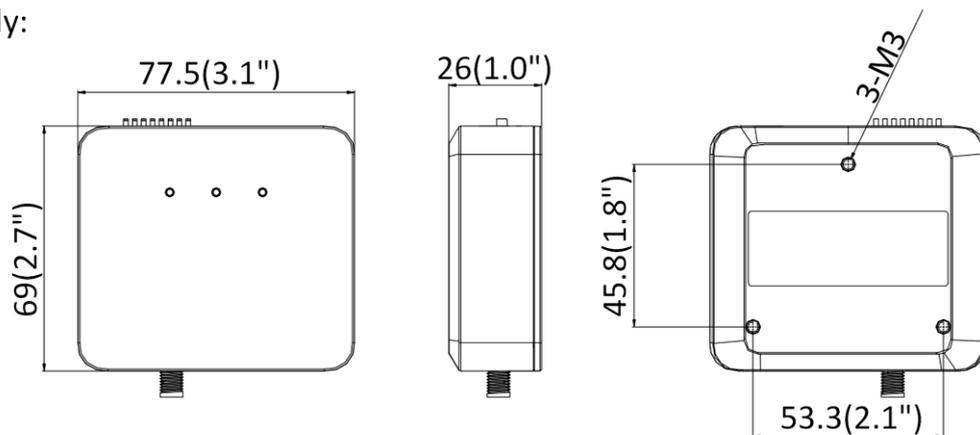
L20:



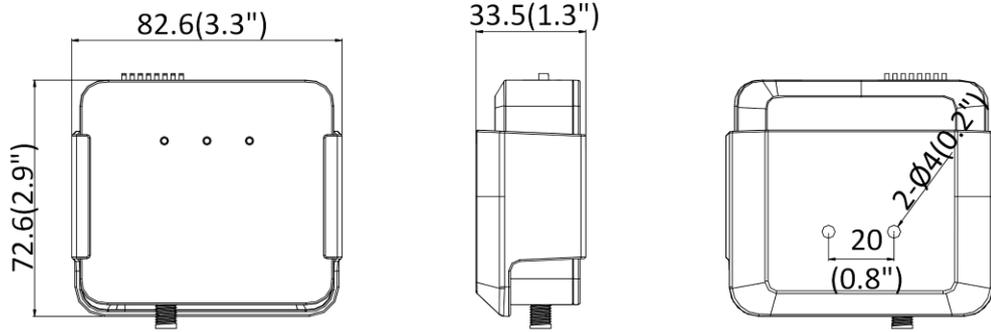
L30:



Main Body:



Main Body with Bracket:



Unit: mm (inch)

Distributed by

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

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

Hikvision Canada
T +1-866-200-6690
sales.canada@hikvision.com

Hikvision Thailand
T +662-275-9949
sales.thailand@hikvision.com

Hikvision Europe
T +31-23-5542770
sales.eu@hikvision.com

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

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

Hikvision Turkey
T +90 (216)521 7070- 7074
sales.tr@hikvision.com

Hikvision Malaysia
T +601-7652-2413
sales.my@hikvision.com

Hikvision UK & Ireland
T +01628-902140
sales.uk@hikvision.com

Hikvision South Africa
Tel: +27 (10) 0351172
sale.africa@hikvision.com

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

Hikvision Kazakhstan
T +7-727-9730667
nikia.panfilov@hikvision.ru

Hikvision Vietnam
T +84-974270888
sales.vt@hikvision.com

Hikvision UAE
T +971-4-4432090
salesme@hikvision.com

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

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

Hikvision Tashkent
T +99-87-1238-9438
uzb@hikvision.ru

Hikvision Hong Kong
T +852-2151-1761
info.hk@hikvision.com

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

Hikvision Korea
T +82-(0)31-731-8817
sales.korea@hikvision.com

Hikvision Poland
T +48-22-460-01-50
info.pl@hikvision.com

Hikvision Indonesia
T +62-21-2933759
Sales.Indonesia@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com