

DS-2CD2T67G2H-LI 6 MP Smart Hybrid Light with ColorVu Fixed Bullet Network Camera







- High quality imaging with 6 MP resolution
- Smart Hybrid Light: advanced technology with long range
- Clear imaging against strong back light due to 130 dB WDR technology
- Efficient H.265+ compression technology
- Focus on human and vehicle classification based on deep learning
- Water and dust resistant (IP67)



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# Specification

| Camera                      |  |  |  |  |  |
|-----------------------------|--|--|--|--|--|
| Image Sensor                | 1/1.8" Progressive Scan CMOS   |  |  |  |  |
| Max. Resolution             | 3200 × 1800  |  |  |  |  |
| Min. Illumination           | Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with light                   |  |  |  |  |
| Shutter Time                | 1/3 s to 1/100,000 s   |  |  |  |  |
| Day & Night                 | IR cut filter  |  |  |  |  |
| Angle Adjustment            | Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°                   |  |  |  |  |
| Lens                        |  |  |  |  |  |
| Lens Type                   | Fixed focal lens, 2.8 and 4 mm optional                                |  |  |  |  |
| Focal Length & FOV          | 2.8 mm, horizontal FOV 105.1°, vertical FOV 54.8°, diagonal FOV 128.2° |  |  |  |  |
|                             | 4 mm, horizontal FOV 90.0°, vertical FOV 45.8°, diagonal FOV 109.4°    |  |  |  |  |
| Lens Mount                  | M16  |  |  |  |  |
| Iris Type                   | Fixed  |  |  |  |  |
| Aperture                    | F1.0   |  |  |  |  |
|                             | 2.8 mm: 3.3 m to ∞   |  |  |  |  |
| Depth of Field              | 4 mm: 3.8 m to ∞   |  |  |  |  |
| DORI                        |  |  |  |  |  |
| DORI                        | 2.8 mm: D: 89 m, O: 35 m, R: 17 m, I: 8 m                              |  |  |  |  |
|                             | 4 mm: D: 109 m, O: 43 m, R: 21 m, I: 10 m                              |  |  |  |  |
| Illuminator                 |  |  |  |  |  |
| Supplement Light Type       | IR, White Light  |  |  |  |  |
| Supplement Light Range      | Up to 60 m   |  |  |  |  |
| Smart Supplement Light      | Yes  |  |  |  |  |
| IR Wavelength               | 850 nm   |  |  |  |  |
| Video                       |  |  |  |  |  |
|                             | 50 Hz:   |  |  |  |  |
|                             | 20 fps (3200 × 1800)   |  |  |  |  |
|                             | 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720)                          |  |  |  |  |
| Main Stream                 | 60 Hz:   |  |  |  |  |
|                             | 20 fps (3200 × 1800)   |  |  |  |  |
|                             | 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)                          |  |  |  |  |
| Cult Character              | 50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)                       |  |  |  |  |
| Sub-Stream                  | 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)                       |  |  |  |  |
|                             | 50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)          |  |  |  |  |
| Third Stream                | 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)          |  |  |  |  |
|                             | *Third stream is supported under certain settings.                     |  |  |  |  |
|                             | Main stream: H.265/H.264/H.264+/H.265+,                                |  |  |  |  |
| Video Compression           | Sub-stream: H.265/H.264/MJPEG,   |  |  |  |  |
|                             | Third stream: H.265/H.264,   |  |  |  |  |
|                             | *Third stream is supported under certain settings.                     |  |  |  |  |
| Video Bit Rate              | 32 Kbps to 16 Mbps   |  |  |  |  |
| Н.264 Туре                  | Baseline Profile, Main Profile, High Profile                           |  |  |  |  |
| Н.265 Туре                  | Main Profile   |  |  |  |  |
| Bit Rate Control            | CBR, VBR   |  |  |  |  |
| Scalable Video Coding (SVC) | H.264 and H.265 encoding   |  |  |  |  |



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| Region of Interest (ROI) | 1 fixed region for main stream and sub-stream  |  |  |  |
|--------------------------|--|--|--|--|
| Network                  |  |  |  |  |
| Protocols                | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, WebSocket, WebSockets, SRTP, SFTP  |  |  |  |
| Simultaneous Live View   | Up to 6 channels   |  |  |  |
| API                      | Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK, ISUP   |  |  |  |
| User/Host                | Up to 32 users<br>3 user levels: administrator, operator, and user   |  |  |  |
| Security                 | <ul> <li>Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network</li> <li>Video Interface, RTP/RTSP over HTTPS, control timeout settings, security audit log, TLS 1.1/1.2/1.3, host authentication (MAC address)</li> </ul> |  |  |  |
| Network Storage          | NAS (NFS, SMB/CIFS), Auto Network Replenishment (ANR)  |  |  |  |
| Client                   | iVMS-4200, Hik-Connect, Hik-Central  |  |  |  |
| Web Browser              | Plug-in required live view: IE 10, IE 11,<br>Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+,<br>Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+  |  |  |  |
| Image                    |  |  |  |  |
| Image Parameters Switch  | Yes  |  |  |  |
| Image Settings           | Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser  |  |  |  |
| Day/Night Switch         | Day, Night, Auto, Schedule   |  |  |  |
| Image Enhancement        | BLC, HLC, 3D DNR   |  |  |  |
| SNR                      | ≥ 52 dB  |  |  |  |
| Wide Dynamic Range (WDR) | 130 dB   |  |  |  |
| Privacy Mask             | 4 programmable polygon privacy masks   |  |  |  |
| 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 512 GB  |  |  |  |
| Reset Key                | Yes  |  |  |  |
| Event                    |  |  |  |  |
| Basic Event              | Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception  |  |  |  |
| Linkage                  | Upload to FTP/NAS/memory card, notify surveillance center, trigger recording, trigger capture, send email  |  |  |  |
| Smart Event              | Scene change detection   |  |  |  |
| Deep Learning Function   |  |  |  |  |
| Face Capture             | Yes  |  |  |  |
| Perimeter Protection     | Line crossing, intrusion, region entrance, region exiting<br>Support alarm triggering by specified target types (human and vehicle)  |  |  |  |
| General                  |  |  |  |  |
| Power                    | 12 VDC ± 25%, 0.7 A, max. 8.5 W, Ø5.5 mm coaxial power plug, reverse polarity protection,<br>PoE: IEEE 802.3af, Class 3, max. 9.5 W  |  |  |  |



| Material                            | Front cover: Metal, body: Metal, bracket: Metal   |  |  |  |
|-------------------------------------|---|--|--|--|
| Dimension                           | 286.7 mm × 93.3 mm × 91.2 mm (11.3" × 3.7" × 3.6")  |  |  |  |
| Package Dimension                   | 386 mm × 156 mm × 155 mm (15.2" × 6.1" × 6.1")  |  |  |  |
| Weight                              | Approx. 1085 g (2.4 lb.)  |  |  |  |
| With Package Weight                 | Approx. 1639 g (3.6 lb.)  |  |  |  |
| Storage Conditions                  | -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)   |  |  |  |
| Startup and Operating<br>Conditions | -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)   |  |  |  |
| General Function                    | Heartbeat, mirror, password reset via email, pixel counter, anti-banding  |  |  |  |
| Language                            | 33 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Itali<br>Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedi<br>Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chine<br>Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian |  |  |  |
| Approval                            |   |  |  |  |
| EMC                                 | CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, EN<br>50130-4: 2011 +A1: 2014,<br>RCM: AS/NZS CISPR 32: 2015,<br>IC: ICES-003: Issue 7,<br>KC: KN32: 2015, KN35: 2015  |  |  |  |
| Safety                              | UL: UL 62368-1,<br>CB: IEC 62368-1: 2014+A11,<br>CE-LVD: EN 62368-1: 2014/A11: 2017,<br>BIS: IS 13252 (Part 1): 2010/IEC 60950-1: 2005  |  |  |  |
| Environment                         | CE-RoHS: 2011/65/EU   |  |  |  |
| Protection                          | IP67: IEC 60529-2013  |  |  |  |

# 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<br>anti-corrosion demands. Typical application scenarios include coastal areas about 2<br>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.  |  |  |  |

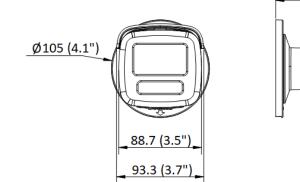


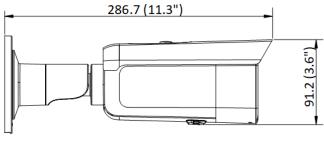
### Available Model

DS-2CD2T67G2H-LI(2.8mm) DS-2CD2T67G2H-LI(4mm) DS-2CD2T67G2H-LI(2.8mm)/Black

## Dimension







Unit: mm (inch)

#### Accessory

#### Optional

| DS-1275ZJ-SUS        | DS-1276ZJ-SUS        | DS-1260ZJ        | DS-1280ZJ-S        | DS-1275ZJ-S-SUS     |
|----------------------|----------------------|------------------|--------------------|---------------------|
| Vertical Pole Mount  | Corner Mount         | Junction Box     | Junction Box       | Vertical Pole Mount |
|                      |                      |                  |                    | B                   |
| DS-1275ZJ-SUS(Black) | DS-1276ZJ-SUS(Black) | DS-1260ZJ(Black) | DS-1280ZJ-S(Black) |                     |
| Vertical Pole Mount  | Corner Mount         | Junction Box     | Junction Box       |                     |
|                      |                      |                  |                    |                     |



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