

## DS-2CD2T66G2-ISU/SL(UHK)

### 6 MP Strobe Light and Audible Warning Fixed Bullet Network Camera

AcuSense

Powered by

**DarkFighter**



Empowered by deep learning algorithms, Hikvision AcuSense technology brings human and vehicle targets classification alarms to front- and back-end devices. The system focuses on human and vehicle targets, vastly improving alarm efficiency and effectiveness.

- High quality imaging with 6 MP resolution
- Excellent low-light performance with powered-by-DarkFighter technology
- Clear imaging against strong back light due to 120 dB true WDR technology
- Efficient H.265+ compression technology
- RAM: 256MB; ROM: 256 MB
- Focus on human and vehicle targets classification based on deep learning
- Motion detection with ON/OFF control and support for up to 4 configurable rectangular zones
- Active strobe light and audio alarm to warn intruders off
- Provides real-time security via built-in two-way audio
- Water and dust resistant (IP67)

## • Specification

| Camera                      |   |
|-----------------------------|---|
| Image Sensor                | 1/2.4" Progressive Scan CMOS  |
| Max. Resolution             | 3200 × 1800   |
| Min. Illumination           | Color: 0.003 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR   |
| 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, 4, and 6 mm optional   |
| Focal Length & FOV          | 2.8 mm, horizontal FOV 105°, vertical FOV 55°, diagonal FOV 127°;<br>4 mm, horizontal FOV 78°, vertical FOV 38°, diagonal FOV 96°<br>6 mm, horizontal FOV 51°, vertical FOV 26°, diagonal FOV 59° |
| Lens Mount                  | M12   |
| Iris Type                   | Fixed   |
| Aperture                    | F1.6  |
| DORI                        |   |
| DORI                        | 2.8 mm: D: 76 m, O: 30 m, R: 15 m, I: 7 m<br>4 mm: D: 115 m, O: 45 m, R: 23 m, I: 11 m<br>6 mm: D: 164 m, O: 65 m, R: 32 m, I: 16 m   |
| Illuminator                 |   |
| Supplement Light Type       | IR  |
| Supplement Light Range      | Up to 60 m  |
| Smart Supplement Light      | Yes   |
| IR Wavelength               | 850 nm  |
| Illuminator On/Off Control  | Auto; Manual  |
| Video                       |   |
| Main Stream                 | 50 Hz: 25 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)<br>60 Hz: 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)  |
| Sub-Stream                  | 50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)<br>60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)  |
| Third Stream                | 50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)<br>60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)  |
| Video Compression           | Main stream: H.265+/H.265/H.264+/H.264,<br>Sub-stream: H.265/H.264/MJPEG,<br>Third stream: H.265/H.264  |
| Video Bit Rate              | 32 Kbps to 16 Mbps  |
| H.264 Type                  | Baseline Profile, Main Profile, High Profile  |
| H.265 Type                  | Main Profile  |
| Bit Rate Control            | CBR, VBR  |
| Scalable Video Coding (SVC) | H.264 and H.265 encoding  |
| Region of Interest (ROI)    | 1 fixed region(s) for main stream and sub-stream  |
| Audio                       |   |
| Audio Type                  | Mono sound  |
| Audio Compression           | G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC  |

|                             |   |
|-----------------------------|---|
| Audio Bit Rate              | 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)   |
| Audio Sampling Rate         | 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz   |
| Environment Noise Filtering | Yes   |
| <b>Network</b>              |   |
| Protocols                   | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, ARP, 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                    | 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 Video Interface, RTP/RTSP over HTTPS, control timeout settings, security audit log, TLS 1.1/1.2/1.3, host authentication (MAC address) |
| Network Storage             | NAS (NFS, SMB/CIFS), Auto Network Replenishment (ANR), Together with high-end Hikvision memory card, memory card encryption and health detection are supported.   |
| 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+   |
| <b>Image</b>                |   |
| 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  |
| Wide Dynamic Range (WDR)    | 120 dB  |
| SNR                         | ≥ 52 dB   |
| Image Enhancement           | BLC, HLC, 3D DNR  |
| Privacy Mask                | 4 programmable polygon privacy masks  |
| <b>Interface</b>            |   |
| Ethernet Interface          | 1 RJ45 10 M/100 M self-adaptive Ethernet port   |
| On-Board Storage            | Built-in memory card slot, support microSD/microSDHC/microSDXC/TF card, up to 512 GB  |
| Built-in Microphone         | Yes   |
| Built-in Speaker            | Max. power consumption: 2 W, max. sound pressure: 10 cm: 97 dB  |
| Audio                       | 1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium,<br>1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium, mono sound  |
| Reset Key                   | Yes   |
| Alarm                       | 1 input, 1 output (max. 24 VAC/VDC, 1A)   |

| Event                            |   |
|----------------------------------|---|
| Basic Event                      | Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception   |
| Smart Event                      | Line crossing detection, intrusion detection, region entrance detection, region exiting detection (support alarm triggered by specified target types (human and vehicle)), Scene change detection   |
| Linkage                          | Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger capture, trigger alarm output, audible warning, strobe light  |
| Deep Learning Function           |   |
| Face Capture                     | Yes   |
| General                          |   |
| Power                            | 12 VDC $\pm$ 25%, 0.88 A, max. 10.5 W, $\varnothing$ 5.5 mm coaxial power plug, reverse polarity protection,<br>PoE: IEEE 802.3af, Class 3, max. 12.5 W   |
| Material                         | Front cover: metal, body: metal, bracket: metal   |
| Dimension                        | $\varnothing$ 105 mm $\times$ 287.6 mm ( $\varnothing$ 4.1" $\times$ 11.3")   |
| Package Dimension                | 386 mm $\times$ 156 mm $\times$ 155 mm (15.2" $\times$ 6.1" $\times$ 6.1")  |
| Weight                           | Approx. 1155 g (2.5 lb.)  |
| With Package Weight              | Approx. 1659 g (3.7 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                         | 33 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), Ukrainian |
| General Function                 | Heartbeat, mirror, flash log, password reset via email, pixel counter, anti-flicker   |
| Approval                         |   |
| EMC                              | FCC: 47 CFR Part 15, Subpart B,<br>CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, EN 50130-4: 2011 +A1: 2014,<br>RCM: AS/NZS CISPR 32: 2015,<br>KC: KN32: 2015, KN35: 2015,<br>IC: ICES-003: Issue 7  |
| Safety                           | UL: UL 62368-1,<br>CB: IEC 62368-1: 2014+A11,<br>CE-LVD: EN 62368-1: 2014/A11: 2017   |
| Environment                      | CE-RoHS: 2011/65/EU,<br>WEEE: 2012/19/EU,<br>Reach: Regulation (EC) No 1907/2006  |
| 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.

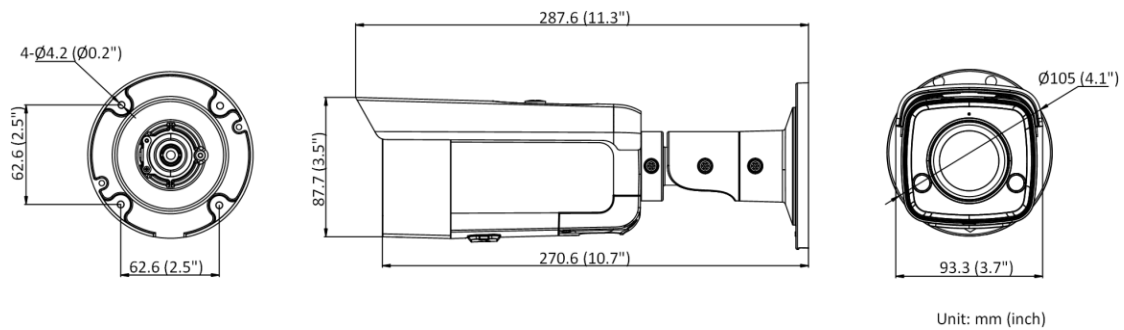
This model has NO SPECIFIC PROTECTION.

| 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 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.  |

## ▪ Available Model





DS-2CD2T66G2-ISU/SL(UHK)(2.8/4/6 mm)

## ▪ Dimension



▪ **Accessory**

▪ **Optional**

| DS-1260ZJ<br>Junction Box   | DS-1280ZJ-S<br>Junction Box   | DS-1276ZJ-SUS<br>Corner Mount   | DS-1275ZJ-S-SUS<br>Vertical Pole Mount  |
|---|---|---|---|
|  |  |  |  |