

## DS-2CD2386G2-ISU/SL

### 8 MP Strobe Light and Audible Warning Fixed Turret 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 8 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
- Focus on human and vehicle targets classification based on deep learning
- Active strobe light and audio alarm to warn intruders off
- Provide real-time security via built-in two-way audio
- Water and dust resistant (IP67)



## ▪ Specification

| Camera                 |   |
|------------------------|---|
| Image Sensor           | 1/1.8" Progressive Scan CMOS  |
| Min. Illumination      | Color: 0.003 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR   |
| Shutter Speed          | 1/3 s to 1/100,000 s  |
| Slow Shutter           | Yes   |
| P/N                    | P/N   |
| Wide Dynamic Range     | 120 dB  |
| Day & Night            | IR cut filter   |
| Angle Adjustment       | Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°  |
| Lens                   |   |
| Lens Type              | Fixed focal lens, 2.8, 4, and 6 mm optional   |
| Iris Type              | Fixed   |
| Focal Length & FOV     | 2.8 mm, horizontal FOV 111°, vertical FOV 59°, diagonal FOV 131°<br>4 mm, horizontal FOV 87°, vertical FOV 47°, diagonal FOV 102°<br>6 mm, horizontal FOV 51°, vertical FOV 28°, diagonal FOV 60° |
| Aperture               | F1.6  |
| Lens Mount             | M12   |
| DORI                   |   |
| DORI                   | 2.8 mm: D: 89.2 m, O: 35.4 m, R: 17.8 m, I: 8.9 m<br>4 mm: D: 99.4 m, O: 39.4 m, R: 19.9 m, I: 9.9 m<br>6 mm: D: 140.0 m, O: 55.6 m, R: 28.0 m, I: 14.0 m   |
| Illuminator            |   |
| Supplement Light Type  | IR  |
| IR Range               | Up to 30 m  |
| IR Wavelength          | 850 nm  |
| Smart Supplement Light | Yes   |
| Visual Alarm           | Yes   |
| Video                  |   |
| Max. Resolution        | 3840 × 2160   |
| Main Stream            | 50 Hz: 25 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)<br>60 Hz: 24 fps (3840 × 2160)<br>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)<br>*Third stream is supported under certain settings.              |
| Video Compression      | Main stream: H.265/H.264/H.264+/H.265+<br>Sub-stream: H.265/H.264/MJPEG<br>Third stream: H.265/H.264<br>*Third stream is supported under certain settings.  |
| Video Bit Rate         | 32 Kbps to 16 Mbps  |
| H.264 Type             | Baseline Profile/Main Profile/High Profile  |

|                             |  |
|-----------------------------|--|
| H.265 Type                  | Main Profile   |
| H.264+                      | Main stream supports   |
| H.265+                      | Main stream supports   |
| Bit Rate Control            | CBR/VBR  |
| Scalable Video Coding (SVC) | H.264 and H.265 encoding   |
| Region of Interest (ROI)    | 1 fixed region for main stream and sub-stream  |
| <b>Audio</b>                |  |
| Audio Type                  | Mono sound   |
| Environment Noise Filtering | Yes  |
| Audio Sampling Rate         | 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz  |
| Audio Compression           | G.711ulaw/G.711alaw/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)  |
| <b>Network</b>              |  |
| Simultaneous Live View      | Up to 6 channels   |
| API                         | Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK   |
| 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   |
| User/Host                   | Up to 32 users. 3 user levels: administrator, operator and user  |
| Security                    | Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for Open Network Video Interface   |
| Network Storage             | NAS (NFS, SMB/CIFS), auto network replenishment (ANR)<br>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>                |  |
| SNR                         | ≥ 52 dB  |
| Target Cropping             | Yes  |
| Day/Night Switch            | Day, Night, Auto, Schedule   |
| Image Enhancement           | BLC, HLC, 3D DNR   |
| Image Parameters Switch     | Yes  |
| Image Settings              | Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser   |
| <b>Interface</b>            |  |
| Alarm                       | 1 input, 1 output (max. 24 VDC/24 VAC, 500 mA)   |
| Audio                       | 1 input (line in), terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium;<br>1 output (line out), terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium;<br>1 built-in speaker, 1 built-in microphone |

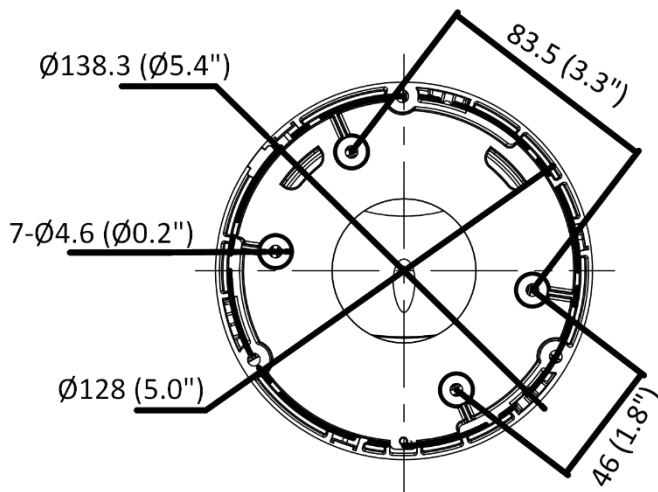
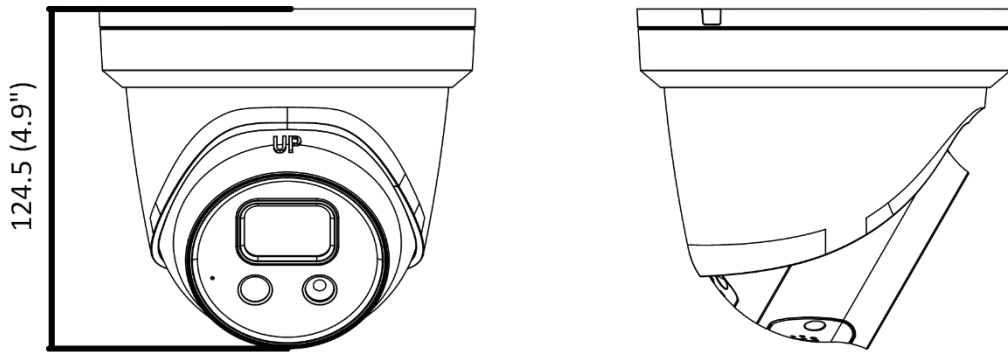
|                                  |   |
|----------------------------------|---|
| Built-in Microphone              | Yes   |
| Built-in Speaker                 | Power: 1.2 W. Max. sound pressure level: 10 cm: 95 dB.  |
| On-Board Storage                 | Built-in micro SD/SDHC/SDXC slot, up to 512 GB  |
| Hardware Reset                   | Yes   |
| Ethernet Interface               | 1 RJ45 10 M/100 M self-adaptive Ethernet port   |
| <b>Event</b>                     |   |
| Basic Event                      | Motion detection (human and vehicle targets classification), video tampering alarm, exception   |
| Smart Event                      | Scene change detection  |
| <b>Deep Learning Function</b>    |   |
| Face Capture                     | Yes   |
| Perimeter Protection             | Line crossing detection, intrusion detection, region entrance detection, region exiting detection<br>Supports human and vehicle targets classification  |
| <b>General</b>                   |   |
| Linkage Method                   | Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger capture, trigger alarm output, audible warning, strobe light  |
| Web Client Language              | 33 languages<br>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                 | Anti-flicker, heartbeat, mirror, privacy mask, flash log, password reset via email, pixel counter   |
| Software Reset                   | Yes   |
| Firmware Version                 | V5.5.112  |
| 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)   |
| Power Supply                     | 12 VDC ± 25%, reverse polarity protection<br>PoE: 802.3af, Class 3  |
| Power Consumption and Current    | 12 VDC, 0.75 A, max. 9 W<br>PoE (802.3af, 36 V to 57 V), 0.28 A to 0.17 A, max. 10 W  |
| Power Interface                  | Ø5.5 mm coaxial power plug  |
| Camera Material                  | Metal except for trim ring  |
| Camera Dimension                 | Ø138.3 mm × 124.5 mm (Ø5.4" × 4.9")   |
| Package Dimension                | 170 mm × 170 mm × 150 mm (6.9" × 6.9" × 5.9")   |
| Camera Weight                    | Approx. 840 g (1.9 lb.)   |
| With Package Weight              | Approx. 1160 g (2.6 lb.)  |
| <b>Approval</b>                  |   |
| EMC                              | FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015)  |
| Safety                           | UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014 ); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014 )  |

|             |   |
|-------------|---|
| Environment | CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006) |
| Protection  | IP67 (IEC 60529-2013)   |

▪ **Available Model**

DS-2CD2386G2-ISU/SL (2.8/4/6 mm)

▪ **Dimension**



Unit: mm (inch)

- Accessory
- Optional

| DS-1276ZJ-SUS<br>Corner Mount  | DS-1275ZJ-SUS<br>Vertical Pole Mount   | DS-1271ZJ-140<br>Pendant Mount   |
|--|--|--|
|   |   |   |
| DS-1273ZJ-140B<br>Wall Mount   | DS-1273ZJ-140<br>Wall Mount  | DS-1280ZJ-PT6<br>Junction Box  |
|  |  |  |

Distributed by



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