

## DS-2CD2326G2-I(U)

### AcuSense 2 MP IR Fixed Turret Network Camera



- High quality imaging with 2 MP resolution
- Excellent low-light performance with powered-by-DarkFighter technology
- Clear imaging against strong back light due to 120 dB WDR technology
- Efficient H.265+ compression technology
- False alarm reduction through human and vehicle target classification based on deep learning
- -IU: Built-in microphone for real-time audio security
- -IU: Water and dust resistant (IP66); -I: Water and dust resistant (IP67)
- 3D DNR technology delivers clean and sharp images

### AcuSense

Empowered by deep learning algorithms, Hikvision AcuSense technology brings human or vehicle target classification alarms to front- and back-end devices. The system can greatly reduce false alarms generated by targets other than humans or vehicles, vastly improving alarm efficiency and effectiveness.



## ▪ Specification

| Camera                      |   |
|-----------------------------|---|
| Image Sensor                | 1/2.8" Progressive Scan CMOS  |
| Wide Dynamic Range          | 120 dB  |
| Min. Illumination           | Color: 0.002 Lux @ (F1.4, AGC ON)   |
| Shutter Speed               | 1/3 s to 1/100,000 s  |
| Day & Night                 | ICR Cut   |
| Slow Shutter                | Yes   |
| Angle Adjustment            | Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°  |
| P/N                         | P/N   |
| Lens                        |   |
| Lens Type & FOV             | 2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129°<br>4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102°<br>6 mm, horizontal FOV 55°, vertical FOV 29°, diagonal FOV 65° |
| Aperture                    | F1.4  |
| Lens Mount                  | M12   |
| Aperture Type               | Fixed   |
| Illuminator                 |   |
| IR Range                    | Up to 30 m  |
| Wavelength                  | 850 nm  |
| Smart Supplement Light      | Yes   |
| Supplement Light            | IR  |
| Video                       |   |
| Max. Resolution             | 1920 × 1080   |
| Main Stream                 | 50Hz: 25fps (1920 × 1080, 1280 × 720)<br>60Hz: 30fps (1920 × 1080, 1280 × 720)  |
| Sub Stream                  | 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240)<br>60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)  |
| Third Stream                | 50Hz: 25fps (1280 × 720, 640 × 480, 640 × 360, 360 × 240)<br>60Hz: 30fps (1280 × 720, 640 × 480, 640 × 360, 360 × 240)  |
| Video Compression           | Main stream: H.265/H.264<br>Sub-stream: H.265/H.264/MJPEG<br>Third stream: H.265/H.264  |
| Video Bit Rate              | 32 Kbps to 8 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) | Yes   |
| Region of Interest (ROI)    | 1 fixed regions for each stream   |
| Audio                       |   |
| 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   |
| Audio Bit Rate                               | 64Kbps(G.711ulaw/G.711alaw)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8-320Kbps(MP3)  |
| <b>Network</b>                               |   |
| Simultaneous Live View                       | Up to 6 channels  |
| API  | ONVIF (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, IPv6, UDP, Bonjour, SSL/TLS   |
| Smooth Streaming                             | Yes   |
| 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 1.2, WSSE and digest authentication for ONVIF               |
| Network Storage                              | microSD/SDHC/SDXC card (256 GB) local storage, and 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: IE8+, Chrome 41.0-44, Firefox 30.0-51, Safari 8.0-11<br>Plug-in free live view: Chrome 57.0+, Firefox 52.0+   |
| <b>Image</b>                                 |   |
| 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>                             |   |
| Audio  | -IU: 1 built-in microphone  |
| On-board Storage                             | Built-in micro SD slot, up to 256 GB  |
| Hardware Reset                               | Yes   |
| Communication Interface                      | 1 RJ45 10M/100M self-adaptive Ethernet port   |
| <b>Smart Feature-Set</b>                     |   |
| Smart Event                                  | Line crossing detection, intrusion detection, region entrance detection, region exiting detection, scene change detection   |
| <b>Intelligent (Traditional Algorithm)</b>   |   |
| Basic Event                                  | Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error), scene change detection  |
| <b>Intelligent (Deep Learning Algorithm)</b> |   |
| Face Capture                                 | Yes   |
| Premier Protection                           | Line crossing detection, intrusion detection, region entrance detection, region exiting detection   |
| <b>General</b>                               |   |
| 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)   |

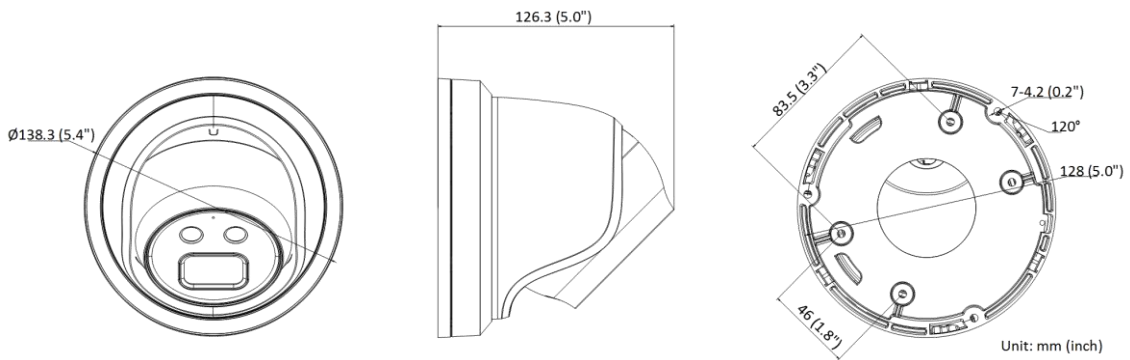
|                               |  |
|-------------------------------|--|
| Power Supply                  | 12 VDC $\pm$ 25%, reverse polarity protection<br>PoE: 802.3af, class 3   |
| Power Consumption and Current | 12 VDC, 0.4 A, max. 4.8 W<br>PoE: (802.3af, 36 V to 57 V), 0.17 A to 0.1 A, max. 5.8 W   |
| Power Interface               | $\varnothing$ 5.5 mm coaxial power plug  |
| Material                      | Metal except for trim ring   |
| Camera Dimension              | $\varnothing$ 138.3 $\times$ 126.3 mm (5.4" $\times$ 5.0")   |
| Package Dimension             | 170 $\times$ 170 $\times$ 150 mm (6.7" $\times$ 6.7" $\times$ 5.9")  |
| Camera Weight                 | 770 g (1.7 lb.)  |
| With Package Weight           | 1073 g (2.4 lb.)   |
| Linkage Method                | Upload to NAS/memory card, notify surveillance center, trigger record, trigger capture, strobe light, audible warning<br>*Note: External device is required.   |
| Web Client Language           | 32 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) |
| General Function              | Anti- flicker, heartbeat, mirror, privacy masks, flash log, password reset via e-mail, pixel counter   |
| Software Reset                | Yes  |
| <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); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013); BIS (IS 13252(Part 1):2010+A1:2013+A2:2015); LOA (IEC/EN 60950-1)  |
| Environment                   | CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)  |
| Protection                    | -IU: Ingression protection: IP66 (IEC 60529-2013)<br>-I: Ingression protection: IP67 (IEC 60529-2013)  |

## Available Model

DS-2CD2326G2-I (2.8 mm, 4 mm, 6 mm)

DS-2CD2326G2-IU (2.8 mm, 4 mm, 6 mm)

▪ **Dimension**



▪ **Accessory**



DS-1276ZJ-SUS  
Corner Mount



DS-1271ZJ-140  
Pendent Mount



DS-1273ZJ-140B  
Wall Mount



DS-1275ZJ-SUS  
Vertical Pole Mount



DS-1280ZJ-DM21  
Junction Box



DS-1273ZJ-140  
Wall Mount

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