

## DS-2CD2T46G2-ISU/SL

### AcuSense 4 MP IR Fixed Bullet Network Camera



- High quality imaging with 4 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
- False alarm reduction through human and vehicle target classification based on deep learning
- Active strobe light and audio alarm to warn intruders off
- Provides real-time security via built-in two-way audio
- Water and dust resistant (IP66)

### 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                | 1/2.7" Progressive Scan CMOS  |
| Min. Illumination           | Color: 0.003 Lux @ (F1.4, AGC ON)   |
| Shutter Speed               | 1/3 s to 1/100,000 s  |
| Slow Shutter                | Yes   |
| P/N                         | P/N   |
| Wide Dynamic Range          | 120 dB  |
| Day & Night                 | ICR Cut   |
| Angle Adjustment            | Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°  |
| Lens                        |   |
| Lens Type & FOV             | 2.8 mm, horizontal FOV: 103°, vertical FOV: 55°, diagonal FOV: 123°<br>4 mm, horizontal FOV: 83°, vertical FOV: 45°, diagonal FOV: 98°<br>6 mm, horizontal FOV: 53°, vertical FOV: 29°, diagonal FOV: 62° |
| Aperture                    | F1.4  |
| Lens Mount                  | M12   |
| Illuminator                 |   |
| IR Range                    | Up to 60 m  |
| Wavelength                  | 850 nm  |
| Smart Supplement Light      | Yes   |
| Visual Alarm                | Yes   |
| Video                       |   |
| Max. Resolution             | 2592 × 1944   |
| Main Stream                 | 50Hz: 20fps (2592 × 1944)<br>25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)<br>60Hz: 20fps (2592 × 1944)<br>30fps (2688 × 1520, 2304 × 1296, 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 region for each stream  |
| Audio                       |   |
| Environment Noise Filtering | Yes   |
| Audio Sampling Rate         | 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz   |

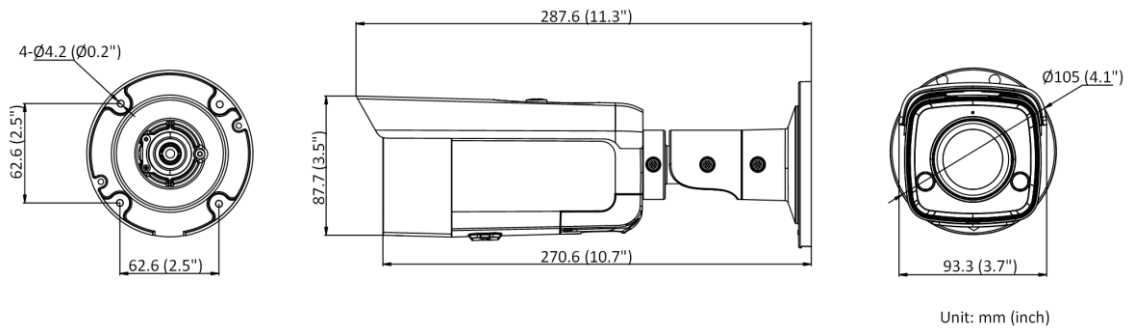
|  |  |
|--|--|
| Audio Compression                            | G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3  |
| Audio Bit Rate                               | 64Kbps(G.711ulaw/G.711alaw)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8-320Kbps(MP3)   |
| <b>Network</b>                               |  |
| 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>                             |  |
| Alarm  | 1 input, 1 output (max. 24 VDC, 1 A or max. 24 VAC, 1 A)   |
| Audio  | 1 input (line in), terminal block, max. input amplitude: 3.3 Vpp, input impedance:4.7 K $\Omega$ , interface type: non-equilibrium;<br>1 output (line out), terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 $\Omega$ , interface type: non-equilibrium;<br>1 built-in speaker, 1 built-in microphone |
| On-board Storage                             | Built-in micro SD/SDHC/SDXC slot, up to 256 GB   |
| Hardware Reset                               | Yes  |
| Communication Interface                      | 1 RJ45 10M/100M self-adaptive Ethernet port  |
| <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  |

| General                          |  |
|----------------------------------|--|
| 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              | 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 masks, flash log, password reset via e-mail, pixel counter  |
| Software Reset                   | Yes  |
| 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%; PoE: 802.3af, Class3   |
| Power Consumption and Current    | 12 VDC, 0.88 A, max. 10.5 W<br>PoE: (802.3af, 36 V to 57 V), 0.34 A to 0.21 A, max. 12.5 W   |
| Power Interface                  | Ø5.5 mm coaxial power plug   |
| Material                         | Aluminum alloy body  |
| Camera Dimension                 | Ø105 × 287.6 mm (Ø4.1" × 11.3")  |
| Package Dimension                | 386 × 156 × 155 mm (15.2" × 7.5" × 7.1")   |
| Camera Weight                    | Approx. 1120 g (2.5 lb.)   |
| With Package Weight              | Approx. 1634 g (3.6 lb.)   |
| Approval                         |  |
| 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 ); 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                       | Ingression protection: IP66 (IEC 60529-2013)   |

## ▪ Available Model

DS-2CD2T46G2-ISU/SL(2.8 mm, 4 mm, 6 mm)

## Dimension



## Accessory



DS-1280ZJ-S  
Junction Box



DS-1275ZJ-S-SUS  
Vertical Pole Mount



DS-1276ZJ-SUS  
Corner Mount



DS-1260ZJ  
Junction Box

Distributed by



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