

## DS-2CD3126G2-ISUHK 2MP IR Fixed Dome Network Camera



- High quality imaging with 2 MP resolution
- Water and dust resistant (IP67)
- Clear imaging even with strong back lighting due to 120 dB WDR
- Efficient H.265+ compression technology
- EXIR 2.0: advanced infrared technology with long IR range
- Support on-board storage up to 256 GB (SD card slot)

## ▪ Specification

| Camera                      |                                                                                                                                                                                                   |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                | 1/2.8" Progressive Scan CMOS                                                                                                                                                                      |
| Min. Illumination           | Color: 0.002 Lux @ (F1.4, 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 355°, tilt: 0° to 75°, rotate: 0° to 355°                                                                                                                                              |
| Lens                        |                                                                                                                                                                                                   |
| Lens Type                   | Fixed focal lens, 2.8, 4, and 6 mm optional                                                                                                                                                       |
| Iris Type                   | Fixed                                                                                                                                                                                             |
| Lens Mount                  | M12                                                                                                                                                                                               |
| Focal Length & 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                                                                                                                                                                                              |
| DORI                        |                                                                                                                                                                                                   |
| DORI                        | 2.8 mm: D: 44 m, O: 17 m, R: 8 m, I: 4 m<br>4 mm: D: 53 m, O: 21 m, R: 10 m, I: 5 m<br>6 mm: D: 86 m, O: 34 m, R: 17 m, I: 8 m                                                                    |
| Illuminator                 |                                                                                                                                                                                                   |
| Supplement Light Type       | IR                                                                                                                                                                                                |
| IR Range                    | Up to 30 m                                                                                                                                                                                        |
| IR Wavelength               | 850 nm                                                                                                                                                                                            |
| Smart Supplement Light      | Yes                                                                                                                                                                                               |
| Video                       |                                                                                                                                                                                                   |
| Max. Resolution             | 1920 × 1080                                                                                                                                                                                       |
| Main Stream                 | 50 Hz: 25 fps (1920 × 1080, 1280 × 720)<br>60 Hz: 30 fps (1920 × 1080, 1280 × 720)                                                                                                                |
| Sub-Stream                  | 50 Hz: 25 fps (640 × 480, 640 × 360)<br>60 Hz: 30 fps (640 × 480, 640 × 360)                                                                                                                      |
| Third Stream                | 50 Hz: 25 fps (640 × 480, 640 × 360)<br>60 Hz: 30 fps (640 × 480, 640 × 360)                                                                                                                      |
| 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                                                                                              |
| 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) | H.264 and H.265 encoding                                                                                                                                                                          |

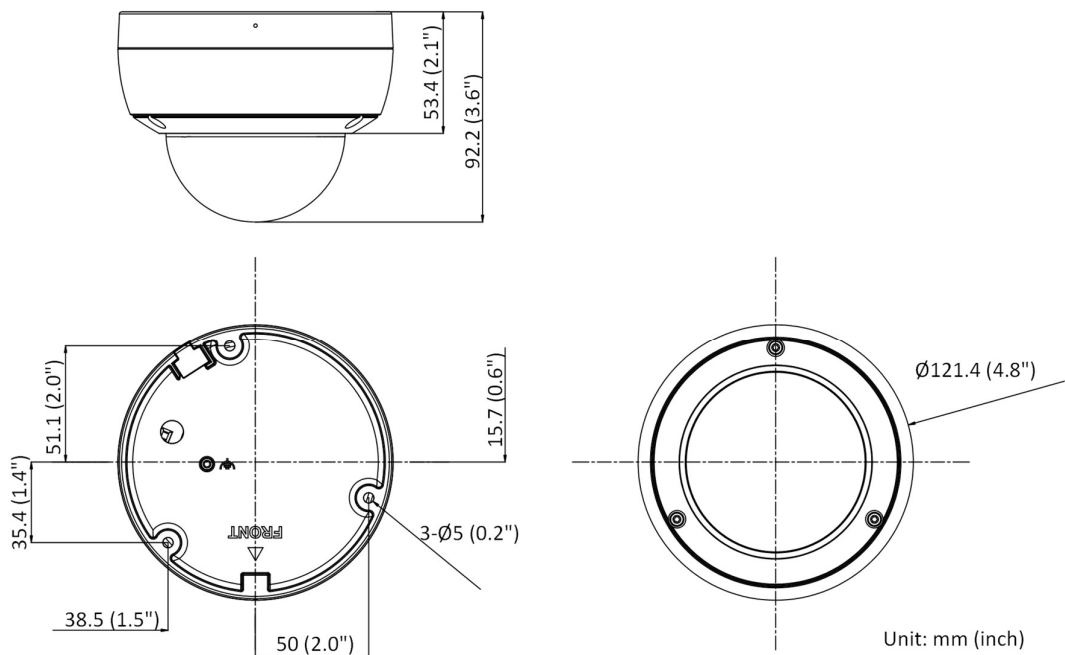
|                               |                                                                                                                                                                                                                                  |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Region of Interest (ROI)      | 4 fixed regions for main stream and sub-stream                                                                                                                                                                                   |
| <b>Audio</b>                  |                                                                                                                                                                                                                                  |
| 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                                                                                                                                                                              |
| 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)                                                                                                   |
| <b>Network</b>                |                                                                                                                                                                                                                                  |
| Simultaneous Live View        | Up to 6 channels                                                                                                                                                                                                                 |
| API                           | Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, ISUP                                                                                                                                                 |
| 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, ARP, SNMP                                                                              |
| 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               | 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: IE 10+<br>Plug-in free live view : Chrome 57.0+, Firefox 52.0+<br>Local service: Chrome 57.0+, Firefox 52.0+                                                                                         |
| <b>Image</b>                  |                                                                                                                                                                                                                                  |
| SNR                           | ≥ 52 dB                                                                                                                                                                                                                          |
| Day/Night Switch              | Day, Night, Auto, Schedule                                                                                                                                                                                                       |
| Target Cropping               | Yes                                                                                                                                                                                                                              |
| 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>              |                                                                                                                                                                                                                                  |
| Built-in Microphone           | Yes                                                                                                                                                                                                                              |
| On-Board Storage              | Built-in memory card slot, support microSD/SDHC/SDXC card, up to 256 GB                                                                                                                                                          |
| Hardware Reset                | Yes                                                                                                                                                                                                                              |
| Ethernet Interface            | 1 RJ45 10 M/100 M self-adaptive Ethernet port                                                                                                                                                                                    |
| Power Output                  | 12 VDC, max. 100 mA (supported by all power supply types)                                                                                                                                                                        |
| <b>Event</b>                  |                                                                                                                                                                                                                                  |
| Basic Event                   | Motion detection, video tampering alarm, exception                                                                                                                                                                               |
| <b>Deep Learning Function</b> |                                                                                                                                                                                                                                  |
| Face Capture                  | Yes                                                                                                                                                                                                                              |
| <b>General</b>                |                                                                                                                                                                                                                                  |
| Linkage Method                | Upload to NAS/memory card/FTP, notify surveillance center, trigger recording, trigger capture, send email, audible warning                                                                                                       |

|                                  |                                                                                                                                                                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Firmware Version                 | V5.5.112                                                                                                                                                                                                                                    |
| General Function                 | Anti-flicker, heartbeat, mirror, privacy mask, flash log, password reset via email, 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 $\pm$ 25%<br>PoE: 802.3af, Type 1, Class 3                                                                                                                                                                                           |
| Power Consumption and Current    | 12 VDC: 0.6 A, max. 7 W<br>PoE (802.3af, 36 V to 57 V), 0.25 A to 0.15 A, max. 8.5 W                                                                                                                                                        |
| Power Interface                  | Ø5.5 mm coaxial power plug                                                                                                                                                                                                                  |
| Camera Material                  | Aluminum alloy body                                                                                                                                                                                                                         |
| Camera Dimension                 | Ø121.4 mm $\times$ 92.2 mm (Ø4.8" $\times$ 3.6")                                                                                                                                                                                            |
| Package Dimension                | 150 mm $\times$ 150 mm $\times$ 141 mm (5.9" $\times$ 5.9" $\times$ 5.6")                                                                                                                                                                   |
| Camera Weight                    | Approx. 580 g (1.2 lb.)                                                                                                                                                                                                                     |
| With Package Weight              | Approx. 820 g (1.6 lb.)                                                                                                                                                                                                                     |
| <b>Approval</b>                  |                                                                                                                                                                                                                                             |
| EMC                              | FCC SDoC (47 CFR Part 15, Subpart B);<br>CE-EMC (EN 55032: 2015, EN 61000-3-2: 2019, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014);<br>RCM (AS/NZS CISPR 32: 2015);<br>IC VoC (ICES-003: Issue 6, 2019);<br>KC (KN 32: 2015, KN 35: 2015) |
| Safety                           | UL (UL 60950-1);<br>CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014);<br>CE-LVD (EN 60950-1:2006+A2:2013, IEC 62368-1:2014+A11:2017);<br>BIS (IS 13252(Part 1):2010+A1:2013+A2:2015);<br>LOA (SANS IEC60950-1)               |
| Environment                      | CE-RoHS (2011/65/EU); WEEE (2012/19/EU);<br>Reach (Regulation (EC) No 1907/2006)                                                                                                                                                            |
| Protection                       | IP67 (IEC 60529-2013), IK10 (IEC 62262:2002)                                                                                                                                                                                                |

## ▪ Available Model

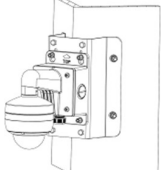
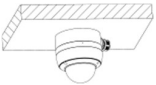
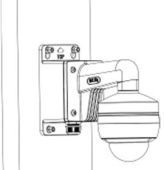
DS-2CD3126G2-ISUHK (2.8/4/6 mm)

## ▪ Dimension



▪ Accessory

▪ Optional

| DS-1253ZJ-M<br>Water-proof                                                          | DS-1276ZJ-SUS<br>Corner Mount                                                       | DS-1280ZJ-DM46<br>Junction Box                                                      | DS-1272ZJ-120B<br>Wall Mount                                                         | DS-1272ZJ-120<br>Wall Mount                                                           |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |
|  |  |  |  |  |
| DS-1275ZJ-SUS<br>Vertical Pole Mount                                                | DS-1271ZJ-120<br>Pendant Mount                                                      |                                                                                     |                                                                                      |                                                                                       |

