

**DS-2CD2346G3D-IZ2UY/S(L)(RB)**  
**4 MP Dual-lens Fixed point zoom Turret Network Camera**

Powered by  
**DarkFighter**

AcuSense 3.0



- 2 independent channels, 1 wiring, 1 IP
- 2.8/4 mm in one camera, point vari-focal
- Innovative interpolated design, highly waterproof and user-friendly
- Excellent low illumination performance via Powered by DarkFighter
- Active strobe light and audio alarm to warn intruders off
- Anti-corrosion design (NEMA 4X), more reliable
- Crystal-clear audio with Arrayed Dual-Mic
- Person and vehicle classification based on deep learning

## ▪ Specification

| Camera                 |                                                                                                                                                                                                                                                                                                                        |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor           | Channel 1: 1/3" Progressive Scan CMOS,<br>Channel 2: 1/3" Progressive Scan CMOS                                                                                                                                                                                                                                        |
| Max. Resolution        | Channel 1: 2688 × 1520,<br>Channel 2: 2688 × 1520                                                                                                                                                                                                                                                                      |
| Min. Illumination      | Channel 1: Color: 0.001 Lux @ (F1.6, AGC ON), 0 Lux with IR,<br>Channel 2: Color: 0.001 Lux @ (F1.6, AGC ON), 0 Lux with IR                                                                                                                                                                                            |
| Shutter Time           | 1/3 s to 1/100,000 s                                                                                                                                                                                                                                                                                                   |
| Day & Night            | Channel 1: IR cut filter,<br>Channel 2: IR cut filter                                                                                                                                                                                                                                                                  |
| Angle Adjustment       | Channel 1: Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°,<br>Channel 2: Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°                                                                                                                                                                                    |
| Lens                   |                                                                                                                                                                                                                                                                                                                        |
| Lens Type              | Channel 1: Varifocal lens, motorized lens, 2.8mm and 4mm    Channel 2: Varifocal lens, motorized lens, 2.8mm and 4mm                                                                                                                                                                                                   |
| Focal Length & FOV     | Channel 1:<br>2.8 mm, horizontal FOV 99.3°, vertical FOV 52.9°, diagonal FOV 120.2°<br>4 mm, horizontal FOV 80.0°, vertical FOV 44.1°, diagonal FOV 94.0°<br>Channel 2:<br>2.8 mm, horizontal FOV 99.3°, vertical FOV 52.9°, diagonal FOV 120.2°<br>4 mm, horizontal FOV 80.0°, vertical FOV 44.1°, diagonal FOV 94.0° |
| Lens Mount             | Ø14                                                                                                                                                                                                                                                                                                                    |
| Iris Type              | Fixed                                                                                                                                                                                                                                                                                                                  |
| Aperture               | F1.6                                                                                                                                                                                                                                                                                                                   |
| Depth of Field         | 2.8 mm: 1.2 m to ∞<br>4 mm: 1.5 m to ∞                                                                                                                                                                                                                                                                                 |
| DORI                   |                                                                                                                                                                                                                                                                                                                        |
| DORI                   | Channel 1:<br>2.8 mm, D: 66.6 m, O: 26.4 m, R: 13.3 m, I: 6.7 m<br>4 mm, D: 79.2 m, O: 31.4 m, R: 15.8 m, I: 7.9 m<br>Channel 2:<br>2.8 mm, D: 66.6 m, O: 26.4 m, R: 13.3 m, I: 6.7 m<br>4 mm, D: 79.2 m, O: 31.4 m, R: 15.8 m, I: 7.9 m                                                                               |
| Illuminator            |                                                                                                                                                                                                                                                                                                                        |
| Supplement Light Type  | IR                                                                                                                                                                                                                                                                                                                     |
| Supplement Light Range | Up to 30 m                                                                                                                                                                                                                                                                                                             |
| Smart Supplement Light | Yes                                                                                                                                                                                                                                                                                                                    |
| IR Wavelength          | 850 nm                                                                                                                                                                                                                                                                                                                 |
| Video                  |                                                                                                                                                                                                                                                                                                                        |
| Main Stream            | Channel 1 & Channel 2:<br>50 Hz:<br>25 fps (2688 × 1520, 1920 × 1080, 1280 × 720)<br>60 Hz:<br>30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)                                                                                                                                                                           |

|                             |                                                                                                                                                                                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sub-Stream                  | Channel 1 & Channel 2:<br>50 Hz: 25 fps (768 × 432, 640 × 360)<br>60 Hz: 30 fps (768 × 432, 640 × 360)                                                                                                                               |
| Third Stream                | Channel 1 & Channel 2:<br>50 Hz: 1 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)<br>60 Hz: 1 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                                                                                                                                                                                                                         |
| Scalable Video Coding (SVC) | H.264 and H.265 encoding                                                                                                                                                                                                             |
| Bit Rate Control            | CBR, VBR                                                                                                                                                                                                                             |
| Region of Interest (ROI)    | 1 fixed region for main stream and sub-stream and third stream                                                                                                                                                                       |
| Target Cropping             | Yes                                                                                                                                                                                                                                  |
| <b>Audio</b>                |                                                                                                                                                                                                                                      |
| 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/48 kHz                                                                                                                                                                                                           |
| Environment Noise Filtering | Yes                                                                                                                                                                                                                                  |
| <b>Network</b>              |                                                                                                                                                                                                                                      |
| Protocols                   | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, WebSocket, WebSockets                                                          |
| Simultaneous Live View      | Up to 6 channels                                                                                                                                                                                                                     |
| API                         | ONVIF (Profile S, Profile G), ISAPI, SDK, ISUP                                                                                                                                                                                       |
| User/Host                   | Up to 32 users<br>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 1.1/1.2/1.3, 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 free live view: Chrome 80+, Firefox 80+, Edge 89+, Safari 13+,<br>Local service: Chrome 80+, Firefox 80+, Edge 89+, Safari 13+                                                                                               |
| <b>Image</b>                |                                                                                                                                                                                                                                      |
| Image Parameters Switch     | Yes                                                                                                                                                                                                                                  |
| Day/Night Switch            | Day, Night, Auto, Schedule                                                                                                                                                                                                           |
| Image Settings              | Rotate mode                                                                                                                                                                                                                          |
| Wide Dynamic Range (WDR)    | 120 dB                                                                                                                                                                                                                               |

|                                  |                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SNR                              | ≥ 52 dB                                                                                                                                                                                                                                                                                                                                               |
| Image Enhancement                | BLC, HLC, 3D DNR                                                                                                                                                                                                                                                                                                                                      |
| Privacy Mask                     | 8 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 card, up to 512 GB                                                                                                                                                                                                                                                                     |
| Reset Key                        | Yes                                                                                                                                                                                                                                                                                                                                                   |
| Built-in Speaker                 | 1 built-in speaker, Max. power consumption: 1.5 W, max. sound pressure level: 10 cm: 110 dB.                                                                                                                                                                                                                                                          |
| Audio                            | Built-in Microphone: Arrayed dual-microphone                                                                                                                                                                                                                                                                                                          |
| <b>Event</b>                     |                                                                                                                                                                                                                                                                                                                                                       |
| Basic Event                      | Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception                                                                                                                                                                                                                           |
| Linkage                          | Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger capture, audible warning, strobe light flashing                                                                                                                                                                                                     |
| <b>Deep Learning Function</b>    |                                                                                                                                                                                                                                                                                                                                                       |
| Perimeter Protection             | Line crossing, intrusion, region entrance, region exiting<br>Support alarm triggering by specified target types (human and vehicle)                                                                                                                                                                                                                   |
| <b>General</b>                   |                                                                                                                                                                                                                                                                                                                                                       |
| Power                            | 12 VDC ± 25%, 1.42 A, max. 17 W, two-core terminal block, reverse polarity protection, PoE: IEEE 802.3at, Class 4, max. 18 W                                                                                                                                                                                                                          |
| Material                         | Metal                                                                                                                                                                                                                                                                                                                                                 |
| Dimension                        | 199.9 mm × 120.1 mm × 97.2 mm (7.9" × 4.7" × 3.8")                                                                                                                                                                                                                                                                                                    |
| Package Dimension                | 305 mm × 162 mm × 165 mm (12.0" × 6.4" × 6.5")                                                                                                                                                                                                                                                                                                        |
| Weight                           | Approx. 1200 g (2.6 lb.)                                                                                                                                                                                                                                                                                                                              |
| With Package Weight              | Approx. 1567 g (3.5 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-banding                                                                                                                                                                                                                                                                   |
| Flashing Light                   | -SRB: Red and Blue Light<br>-SL: White Light                                                                                                                                                                                                                                                                                                          |
| <b>Approval</b>                  |                                                                                                                                                                                                                                                                                                                                                       |
| EMC                              | CE-EMC: EN 55032:2015+A1:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021,<br>IC: ICES-003: Issue 7,<br>KC: KN32: 2015, KN35: 2015                                                                                                                                                                     |
| Safety                           | 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,<br>NEMA 4X (NEMA 250-2018) |
| Protection  | IP67: IEC 60529-2013                                                                                         |

## ▪ Available Model

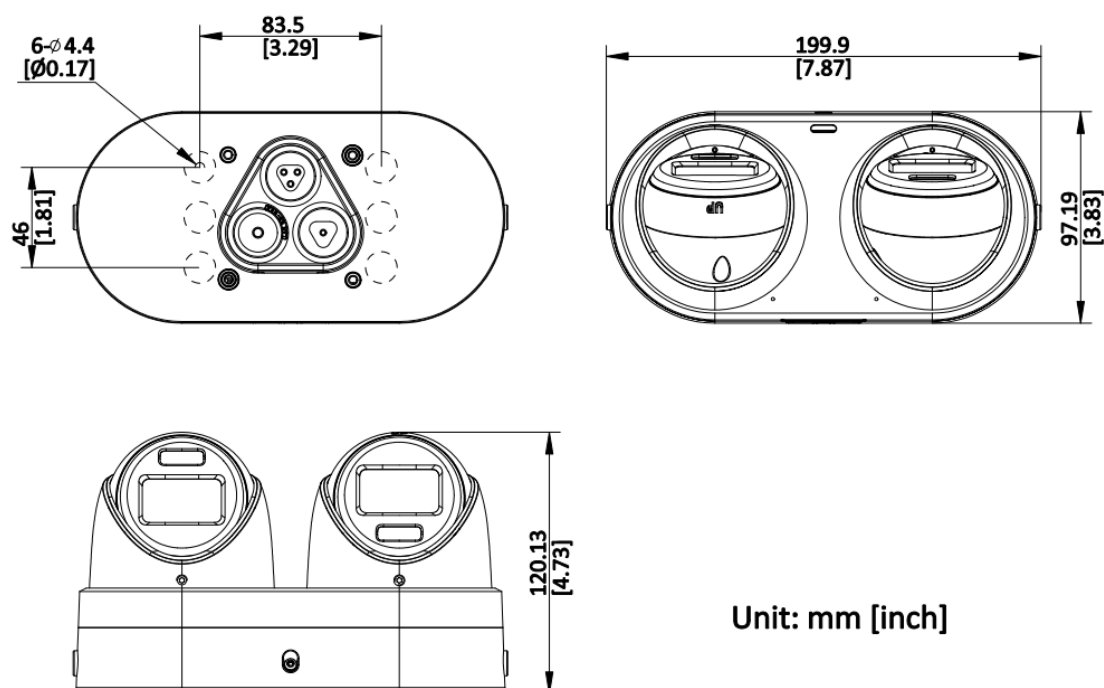
DS-2CD2346G3D-IZ2UY/SL(2.8/4mm)

DS-2CD2346G3D-IZ2UY/SRB(2.8/4mm)

DS-2CD2346G3D-IZ2UY/SL(2.8/4mm)(BLACK)

DS-2CD2346G3D-IZ2UY/SRB(2.8/4mm)(BLACK)

## ▪ Dimension



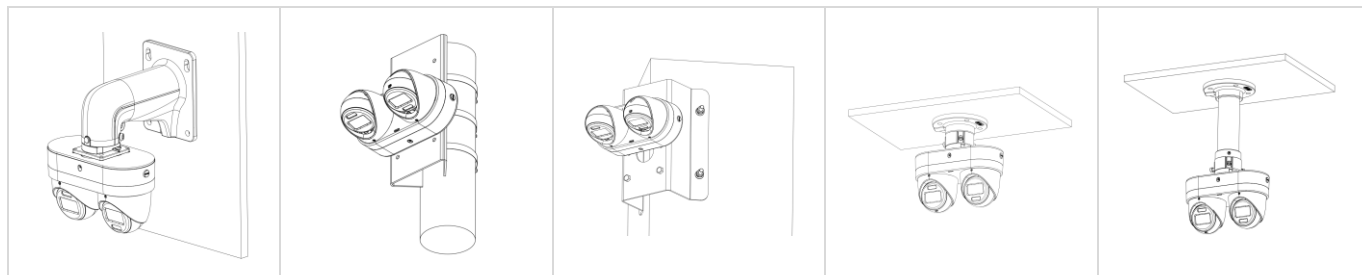
## ▪ Accessory

### ▪ Optional

| DS-1618ZJ-Y | DS-1475ZJ-Y | DS-1476ZJ-Y | DS-1663ZJ-Y | DS-1661ZJ-Y |
|-------------|-------------|-------------|-------------|-------------|
|             |             |             |             |             |

## ▪ Installation Methods

| Wall Mounting       | Vertical Pole Mounting | Corner Mounting | Pendant Mounting    | Pendant Mounting    |
|---------------------|------------------------|-----------------|---------------------|---------------------|
| DS-1618ZJ-Y+DS-4274 | DS-1475ZJ-Y            | DS-1476ZJ-Y     | DS-1663ZJ-Y+DS-4274 | DS-1661ZJ-Y+DS-4274 |
| ZJ-MD4-WAY          |                        |                 | ZJ-MD4-WAY          | ZJ-MD4-WAY          |



# See Far, Go Further



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