

## DS-2CD2366G2-I (C) 6 MP AcuSense Fixed Turret Network Camera



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 6 MP resolution
- Excellent low-light performance with powered-by-DarkFighter technology
- Efficient H.265+ compression technology
- Clear imaging against strong back light due to 120 dB true WDR technology
- Focus on human and vehicle targets classification based on deep learning
- Built-in microphone for real-time audio security(-U)
- Water and dust resistant (IP67)

## ▪ Specification

| Camera                      |                                                                                                                                                                                                                   |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                | 1/2.4" Progressive Scan CMOS                                                                                                                                                                                      |
| Max. Resolution             | 3200 × 1800                                                                                                                                                                                                       |
| Min. Illumination           | Color: 0.003 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR                                                                                                                                                             |
| Shutter Time                | 1/3 s to 1/100,000 s                                                                                                                                                                                              |
| 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                                                                                                                                                                       |
| Focal Length & FOV          | 2.8 mm, horizontal FOV 105.1°, vertical FOV 53.4°, diagonal FOV 128.6°<br>4 mm, horizontal FOV 83.9°, vertical FOV 44.5°, diagonal FOV 100.8°<br>6 mm, horizontal FOV 47.5°, vertical FOV 26°, diagonal FOV 54.5° |
| Lens Mount                  | M12                                                                                                                                                                                                               |
| Iris Type                   | Fixed                                                                                                                                                                                                             |
| Aperture                    | F1.6                                                                                                                                                                                                              |
| DORI                        |                                                                                                                                                                                                                   |
| DORI                        | 2.8 mm: D: 78.6 m, O: 31.2 m, R: 15.7 m, I: 7.9 m<br>4 mm: D: 95.6 m, O: 37.9 m, R: 19.1 m, I: 9.6 m<br>6 mm: D: 160.0 m, O: 63.5 m, R: 32.0 m, I: 16.0 m                                                         |
| Illuminator                 |                                                                                                                                                                                                                   |
| Supplement Light Type       | IR                                                                                                                                                                                                                |
| Supplement Light Range      | Up to 30 m                                                                                                                                                                                                        |
| Smart Supplement Light      | Yes                                                                                                                                                                                                               |
| IR Wavelength               | 850 nm                                                                                                                                                                                                            |
| Video                       |                                                                                                                                                                                                                   |
| Main Stream                 | 50 Hz: 25 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)<br>60 Hz: 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.265/H.264+/H.264,<br>Sub-stream: H.265/H.264/MJPEG,<br>Third stream: H.265/H.264 (*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                                                                                                                                                                                                      |
| Bit Rate Control            | CBR, VBR                                                                                                                                                                                                          |
| Scalable Video Coding (SVC) | H.264 and H.265 encoding                                                                                                                                                                                          |
| Region of Interest (ROI)    | 1 fixed region(s) for main stream and sub-stream                                                                                                                                                                  |
| Audio                       |                                                                                                                                                                                                                   |
| Audio Type                  | -U: Mono sound                                                                                                                                                                                                    |
| Audio Compression           | -U: G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC                                                                                                                                                                      |

|                             |                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Audio Bit Rate              | -U: 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         | -U: 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz                                                                                                                                                                                                                                                                                                                                               |
| Environment Noise Filtering | -U: Yes                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Network</b>              |                                                                                                                                                                                                                                                                                                                                                                                       |
| 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, SRTP, SFTP                                                                                                                                                                                                |
| Simultaneous Live View      | Up to 6 channels                                                                                                                                                                                                                                                                                                                                                                      |
| API                         | Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK, ISUP                                                                                                                                                                                                                                                                                                      |
| User/Host                   | Up to 32 users<br>3 user levels: administrator, operator, and user                                                                                                                                                                                                                                                                                                                    |
| Security                    | Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface, RTP/RTSP over HTTPS, control timeout settings, security audit log, TLS 1.1/1.2/1.3, host authentication (MAC address) |
| Network Storage             | NAS (NFS, SMB/CIFS), Auto Network Replenishment (ANR), 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>                |                                                                                                                                                                                                                                                                                                                                                                                       |
| Image Parameters Switch     | Yes                                                                                                                                                                                                                                                                                                                                                                                   |
| Image Settings              | Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser                                                                                                                                                                                                                                                           |
| Day/Night Switch            | Day, Night, Auto, Schedule                                                                                                                                                                                                                                                                                                                                                            |
| Wide Dynamic Range (WDR)    | 120 dB                                                                                                                                                                                                                                                                                                                                                                                |
| SNR                         | ≥ 52 dB                                                                                                                                                                                                                                                                                                                                                                               |
| Image Enhancement           | BLC, HLC, 3D DNR                                                                                                                                                                                                                                                                                                                                                                      |
| Privacy Mask                | 4 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                                                                                                                                                                                                                                                                                                     |
| Built-in Microphone         | -U: Yes                                                                                                                                                                                                                                                                                                                                                                               |
| Reset Key                   | Yes                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Event</b>                |                                                                                                                                                                                                                                                                                                                                                                                       |
| Basic Event                 | Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception                                                                                                                                                                                                                                                           |
| Smart Event                 | Line crossing detection, intrusion detection, region entrance detection, region exiting detection (support alarm triggered by specified target types (human and vehicle)), scene change detection                                                                                                                                                                                     |
| Linkage                     | Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger capture                                                                                                                                                                                                                                                                             |

| Deep Learning Function           |                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Face Capture                     | Yes                                                                                                                                                                                                                                                                                                                                                   |
| General                          |                                                                                                                                                                                                                                                                                                                                                       |
| Power                            | 12 VDC $\pm$ 25%, 0.45 A, max. 5.4 W, $\varnothing$ 5.5 mm coaxial power plug, reverse polarity protection,<br>PoE: 802.3af, Class 3, 36 V to 57 V, 0.18 A to 0.11 A, max. 6.5 W                                                                                                                                                                      |
| Material                         | Metal except for trim ring                                                                                                                                                                                                                                                                                                                            |
| Dimension                        | $\varnothing$ 138.3 mm $\times$ 111.4 mm ( $\varnothing$ 5.4" $\times$ 4.4")                                                                                                                                                                                                                                                                          |
| Package Dimension                | 170 mm $\times$ 170 mm $\times$ 150 mm (6.7" $\times$ 6.7" $\times$ 5.9")                                                                                                                                                                                                                                                                             |
| Weight                           | Approx. 740 g (1.6 lb.)                                                                                                                                                                                                                                                                                                                               |
| With Package Weight              | Approx. 1070 g (2.4 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-flicker                                                                                                                                                                                                                                                                   |
| Approval                         |                                                                                                                                                                                                                                                                                                                                                       |
| EMC                              | CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, EN 50130-4: 2011 +A1: 2014,<br>RCM: AS/NZS CISPR 32: 2015,<br>KC: KN32: 2015, KN35: 2015                                                                                                                                                                                       |
| Safety                           | UL: UL 62368-1,<br>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                                                                                                                                                                                                                                                                      |
| Protection                       | IP67: IEC 60529-2013                                                                                                                                                                                                                                                                                                                                  |

## ▪ Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

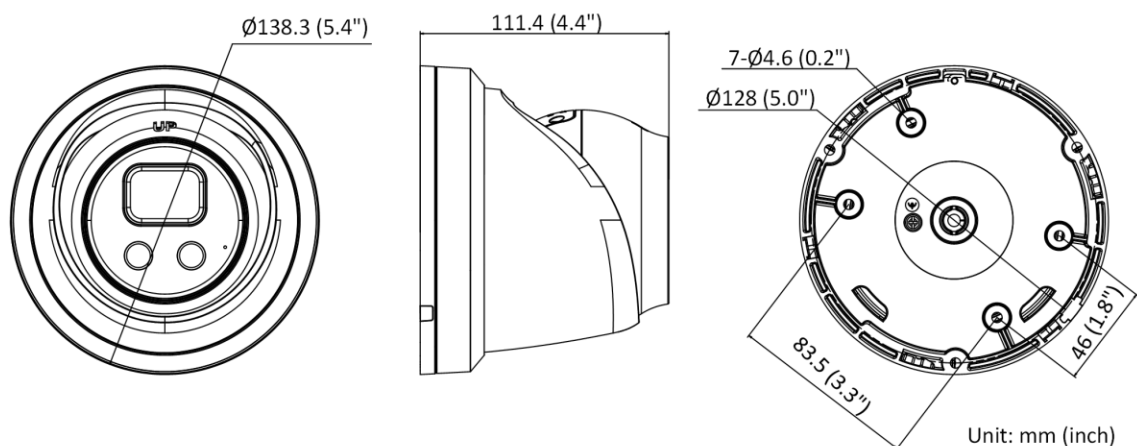
This model has NO SPECIFIC PROTECTION.

| Level                | Description                                                                                                                                                                                                                                            |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Top-level protection | Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.                                             |
| Moderate protection  | Hikvision products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain. |

No specific protection

Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed.

## ▪ Dimension



## ▪ Accessory

### ▪ Optional

| DS-220AZJ-130-WA  | DS-1275ZJ-S-SUS  | DS-1281ZJ-M            | DS-1476ZJ-SUS | DS-1275ZJ-SUS     |
|-------------------|------------------|------------------------|---------------|-------------------|
|                   |                  |                        |               |                   |
| DS-1475ZJ-SUS     | DS-220AZJ-145-WA | DS-1273ZJ-130B-T<br>RL |               | DS-1271ZJ-130-TRL |
|                   |                  |                        |               |                   |
| DS-1273ZJ-130-TRL | DS-1280ZJ-DM8    |                        |               |                   |
|                   |                  |                        |               |                   |

## ■ Installation Methods

| Wall Mounting<br>DS-220AZJ-130-WA                            | Wall Mounting<br>DS-220AZJ-145-WA                               | Wall Mounting<br>DS-1273ZJ-130B-TRL         | Wall Mounting<br>DS-1273ZJ-130-TRL+D<br>S-1253ZJ-L    | Vertical Pole<br>Mounting<br>DS-1275ZJ-S-SUS+DS-<br>220AZJ-130-WA |
|--------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------|
|                                                              |                                                                 |                                             |                                                       |                                                                   |
| Vertical Pole<br>Mounting<br>DS-1275ZJ-SUS+DS-12<br>80ZJ-DM8 | Vertical Pole<br>Mounting<br>DS-1475ZJ-SUS+DS-22<br>0AZJ-130-WA | Inclined Ceiling<br>Mounting<br>DS-1281ZJ-M | Corner Mounting<br>DS-1476ZJ-SUS+DS-22<br>0AZJ-145-WA | Corner Mounting<br>DS-1276ZJ-SUS+DS-12<br>73ZJ-130-TRL            |
|                                                              |                                                                 |                                             |                                                       |                                                                   |
| Pendant Mounting<br>DS-1271ZJ-130-TRL                        | Junction Box<br>DS-1280ZJ-DM8                                   |                                             |                                                       |                                                                   |
|                                                              |                                                                 |                                             |                                                       |                                                                   |

# See Far, Go Further



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