

DS-2CD2623G2-IZS

2 MP AcuSense Motorized Varifocal Bullet Network Camera

## AcuSense



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 2 MP resolution
- Motorized varifocal lens for easy installation and monitoring
- Clear imaging against strong backlight due to 120 dB WDR technology
- Efficient H.265+ compression technology
- Focus on human and vehicle targets classification based on deep learning
- Water and dust resistant (IP67) and vandal resistant (IK10)



## ▪ Specification

| Camera                      |  |
|-----------------------------|--|
| Image Sensor                | 1/2.8" Progressive Scan CMOS   |
| Min. Illumination           | Color: 0.005 Lux @ (F1.6, AGC ON),B/W: 0 Lux with IR   |
| Max. Resolution             | 1920 × 1080  |
| Shutter Time                | 1/3 s to 1/100,000 s   |
| Day & Night                 | IR cut filter  |
| Angle Adjustment            | Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°   |
| Lens                        |  |
| Depth of Field              | 0.5 m to ∞   |
| Focal Length & FOV          | 2.8 to 12 mm, horizontal FOV 107° to 32°, vertical FOV 55° to 18°, diagonal FOV 130° to 36°                                    |
| Aperture                    | F1.6   |
| Lens Mount                  | Ø14  |
| Lens Type                   | Varifocal lens, motorized lens, 2.8 to 12 mm   |
| Iris Type                   | Fixed  |
| DORI                        |  |
| DORI                        | 2.8 to 12 mm:<br>Wide: D: 45.5m, O: 18.1m, R: 9.1m, I: 4.6m<br>Tele: D: 137.9m, O: 54.7m, R: 27.6m, I: 13.8m                   |
| Illuminator                 |  |
| IR Wavelength               | 850 nm   |
| Supplement Light Type       | IR   |
| Supplement Light Range      | Up to 60 m   |
| Smart Supplement Light      | Yes  |
| Video                       |  |
| 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: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)<br>60 Hz: 10 fps (1920 × 1080, 1280 × 720, 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   |
| 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                  | Mono sound   |
| Environment Noise Filtering | Yes  |

|                          |   |
|--------------------------|---|
| Audio Sampling Rate      | 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz   |
| 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)   |
| <b>Network</b>           |   |
| Simultaneous Live View   | Up to 6 channels  |
| API                      | Open Network Video Interface (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, PPPoE, SNMP  |
| 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 1.3, host authentication (MAC address) |
| Network Storage          | NAS (NFS, SMB/CIFS), Auto Network Replenishment (ANR)   |
| 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+,<br>Local service: Chrome 57.0+, Firefox 52.0+   |
| <b>Image</b>             |   |
| Privacy Mask             | Yes   |
| Day/Night Switch         | Day, Night, Auto, Schedule  |
| Image Enhancement        | BLC, HLC, 3D DNR  |
| Image Parameters Switch  | Yes   |
| Image Settings           | Rotate mode, mirror, privacy mask, saturation, brightness, contrast, gain, white balance, adjustable by client software or web browser  |
| Wide Dynamic Range (WDR) | 120 dB  |
| SNR                      | ≥ 52 dB   |
| <b>Interface</b>         |   |
| Alarm                    | 1 input(s), 1 output(s) (max. 24 VDC/24 VAC, 1 A)   |
| Audio                    | 1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium,<br>1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium  |
| On-Board Storage         | Built-in memory card slot, support microSD card, up to 256 GB   |
| Reset Key                | Yes   |
| Ethernet Interface       | 1 RJ45 10 M/100 M self-adaptive Ethernet port   |
| <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 (support alarm triggered by specific target types (human and vehicle))<br>Face detection   |

|                                  |   |
|----------------------------------|---|
| Linkage                          | Upload to FTP/NAS/memory card, notify surveillance center, trigger recording ,trigger capture, send email, trigger alarm output, audible warning  |
| <b>General</b>                   |   |
| Power                            | 12 VDC ± 25%, 1.08 A, max. 13 W,Ø5.5 mm coaxial power plug,reverse polarity protection,<br>PoE: 802.3at, Class 4, 42.5 V to 57 V, 0.36 A to 0.27 A, max. 15 W   |
| General Function                 | Anti-flicker, heartbeat, password reset via email, pixel counter  |
| Flashing Light                   | 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)   |
| Material                         | Aluminum alloy body   |
| Dimension                        | 308.5 mm × 97.9 mm × 93 mm (12.2" × 3.9" × 3.7")  |
| Package Dimension                | 385 mm × 190 mm × 180 mm (15.2" × 7.5" × 7.1")  |
| Weight                           | Approx. 1440 g (3.2 lb.)  |
| With Package Weight              | Approx. 2506 g (5.5 lb.)  |
| 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 |
| <b>Approval</b>                  |   |
| EMC                              | FCC: 47 CFR Part 15, Subpart B,<br>CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, EN 50130-4: 2011 +A1: 2014,<br>IC: ICES-003: Issue 7,<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,IK10: IEC 62262:2002   |

### ▪ Available Model

DS-2CD2623G2-IZS (2.8 to 12 mm)

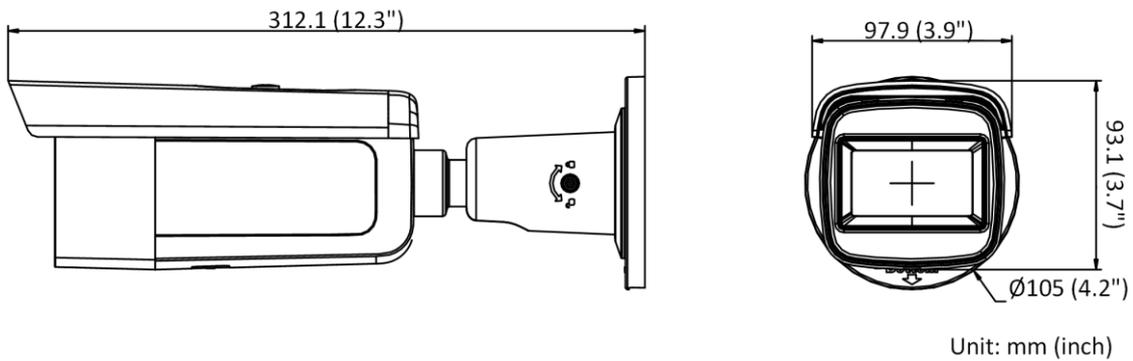
### ▪ Typical Application

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-1280ZJ-S<br>Junction Box   | DS-1276ZJ-SUS<br>Corner Mount   | DS-1275ZJ-S-SUS<br>Vertical Pole Mount  | DS-1275ZJ-SUS<br>Vertical Pole Mount  | DS-1260ZJ<br>Junction Box   |
|---|---|---|---|---|
|  |  |  |  |  |

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