

## DS-2CD1723G2-IZ(S) 2 MP Motion 2.0 Varifocal Dome Network Camera



- High quality imaging with 2 MP resolution
- Support human detection
- 2.8 to 12 mm motorized varifocal lens for easy installation and monitoring
- Up to 256 GB SD card slot for storage
- Water and dust resistant (IP67), vandal proof (IK10)
- EXIR 2.0: advanced infrared technology with long IR range
- Clear imaging even with strong back lighting due to DWDR technology
- Efficient H.265+ compression technology

## ▪ Specification

| Camera                      |  |
|-----------------------------|--|
| Image Sensor                | 1/2.9" Progressive Scan CMOS   |
| Max. Resolution             | 1920 × 1080  |
| Min. Illumination           | Color: 0.005 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 355°, tilt: 0° to 70°, rotate: 0° to 355°   |
| Lens                        |  |
| Lens Type                   | Varifocal lens, motorized lens, 2.8 to 12 mm   |
| Focal Length & FOV          | 2.8 to 12 mm, horizontal FOV 102.4° to 31.2°, vertical FOV 54.4° to 17.5°, diagonal FOV 121.8° to 35.7°  |
| Lens Mount                  | Ø14  |
| Iris Type                   | Fixed  |
| Aperture                    | F1.6   |
| 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 (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)   |
| Video Compression           | Main stream: H.265+/H.265/H.264+/H.264,<br>Sub-stream: H.265/H.264/MJPEG   |
| Video Bit Rate              | 32 Kbps to 8 Mbps  |
| H.264 Type                  | Baseline Profile, Main Profile, High Profile   |
| H.265 Type                  | Main Profile   |
| Region of Interest (ROI)    | 1 fixed region(s) for main stream  |
| Audio                       |  |
| Audio Compression           | -S: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC   |
| Audio Bit Rate              | -S: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)  |
| Audio Sampling Rate         | -S: 8 kHz/16 kHz   |
| Environment Noise Filtering | -S: Yes  |
| Network                     |  |
| Protocols                   | TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP   |
| Simultaneous Live View      | Up to 6 channels   |
| API                         | Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK   |
| Security                    | Password protection, complicated password, watermark, basic and digest authentication for HTTP, WSSE and digest authentication for Open Network Video Interface, security audit log, host authentication (MAC address) |
| User/Host                   | Up to 32 users<br>3 user levels: administrator, operator, and user   |

|                                  |   |
|----------------------------------|---|
| Client                           | iVMS-4200, Hik-Connect  |
| Web Browser                      | Plug-in required live view: IE 10, IE 11,<br>Local service: Chrome 57.0+, Firefox 52.0+   |
| <b>Image</b>                     |   |
| 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)         | Digital WDR   |
| Image Enhancement                | BLC, HLC, 3D DNR  |
| <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 256 GB   |
| Audio                            | -S: 1 input(s) (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 K $\Omega$ , interface type: non-equilibrium,<br>-S: 1 output(s) (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 $\Omega$ , interface type: non-equilibrium |
| Alarm                            | -S: 1 input(s), 1 output(s) (max. 12 VDC, 30 mA)  |
| Reset Key                        | Yes   |
| <b>Event</b>                     |   |
| Basic Event                      | Motion detection, video tampering alarm, exception  |
| Linkage                          | Upload to FTP/memory card, notify surveillance center, send email, trigger recording, trigger capture, trigger alarm output (-S)  |
| <b>General</b>                   |   |
| Power                            | 12 VDC $\pm$ 25%, 0.8 A, max. 9.6 W, $\varnothing$ 5.5 mm coaxial power plug, reverse polarity protection,<br>PoE: 802.3af, Class 3, 36 V to 57 V, 0.32 A to 0.2 A, max. 11.5 W   |
| Material                         | Metal   |
| Dimension                        | $\varnothing$ 141 mm $\times$ 99.9 mm ( $\varnothing$ 5.6" $\times$ 3.9")   |
| Package Dimension                | 140 mm $\times$ 140 mm $\times$ 154 mm (5.5" $\times$ 5.5" $\times$ 6.1")   |
| Weight                           | Approx. 820 g (1.8 lb.)   |
| With Package Weight              | Approx. 1200 g (2.6 lb.)  |
| Storage Conditions               | -30 $^{\circ}$ C to 60 $^{\circ}$ C (-22 $^{\circ}$ F to 140 $^{\circ}$ F). Humidity 95% or less (non-condensing)   |
| Startup and Operating Conditions | -30 $^{\circ}$ C to 60 $^{\circ}$ C (-22 $^{\circ}$ F to 140 $^{\circ}$ F). Humidity 95% or less (non-condensing)   |
| Language                         | English, Ukrainian  |
| General Function                 | Heartbeat, anti-banding, mirror, password protection, privacy mask, watermark   |
| <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>RCM: AS/NZS CISPR 32: 2015<br>IC: ICES-003: Issue 7  |
| Safety                           | UL: UL 62368-1<br>CB: IEC 62368-1: 2014+A11<br>CE-LVD: EN 62368-1: 2014/A11: 2017<br>BIS: IS 13252 (Part 1): 2010/IEC 60950-1: 2005   |

|             |  |
|-------------|--|
| 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  |

### ▪ 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.

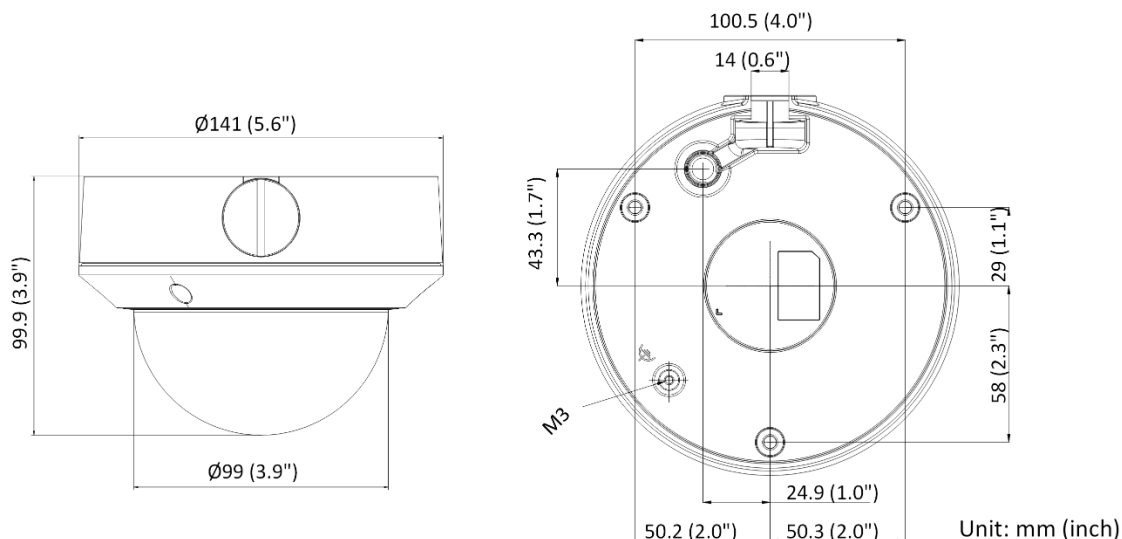
| Level                  | Description  |
|------------------------|--|
| Top-level protection   | Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.   |
| 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.  |

### ▪ Available Model

DS-2CD1723G2-IZS (2.8 to 12 mm)













DS-2CD1723G2-IZ (2.8 to 12 mm)

### ▪ Dimension



▪ **Accessory**

▪ **Optional**

|   |   |   |   |   |
|---|---|---|---|---|
| <p><b>DS-1276ZJ-SUS</b><br/>Corner Mount</p>               | <p><b>DS-1227ZJ</b><br/>In-Ceiling Mount</p>         | <p><b>DS-1271ZJ-135</b><br/>Pendant Mount</p>  | <p><b>DS-1258ZJ-L</b><br/>Wall Mount</p>     | <p><b>DS-1280ZJ-DM21</b><br/>Junction Box</p>  |
| <p><b>DS-1273ZJ-135</b><br/>Wall Mount</p>                 | <p><b>DS-1275ZJ-SUS</b><br/>Vertical Pole Mount</p>  | <p><b>DS-1253ZJ-L</b><br/>Rain Shade</p>       | <p><b>DS-1473ZJ-135B</b><br/>Wall Mount</p>  | <p><b>D20-AP</b><br/>Adapter Plate</p>         |
| <p><b>DS-1281ZJ-DM23</b><br/>Inclined Ceiling Mount</p>  | <p><b>DS-1250ZJ</b><br/>Rain Shade</p>             |   |   |   |

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