

DS-2CD1043G2-LIDUF/4G/SL 4 MP Smart Hybrid Light 4G Fixed Bullet Network Camera



- High quality imaging with 4 MP resolution
- Support Human and Vehicle Detection
- Support 4G LTE data transmission
- Smart Hybrid Light: advanced technology up to 30 meters
- Provide real-time security via built-in two-way audio
- Support on-board storage up to 512 GB (SD card slot)
- Water and dust resistant (IP67)
- Efficient H.265+ compression technology

▪ Specification

| Camera | |
|-----------------------------|---|
| Image Sensor | 1/2.7" Progressive Scan CMOS |
| Max. Resolution | 2560 × 1440 |
| Min. Illumination | Color: 0.01 Lux @ (F2.2, 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 90°, rotate: 0° to 360° |
| Lens | |
| Lens Type | Fixed focal lens, 2.8 and 4 mm optional |
| Focal Length & FOV | 2.8 mm, horizontal FOV 94°, vertical FOV 49°, diagonal FOV 114° 4 mm, horizontal FOV 70°, vertical FOV 35°, diagonal FOV 85° |
| Lens Mount | M12 |
| Iris Type | Fixed |
| Aperture | F2.2 |
| DORI | |
| DORI | 2.8 mm, D: 68 m, O: 27 m, R: 13 m, I: 6 m 4 mm, D: 100 m, O: 39 m, R: 20 m, I: 10 m |
| Illuminator | |
| Supplement Light Type | IR, White Light |
| Supplement Light Range | Up to 30 m |
| Smart Supplement Light | Yes |
| IR Wavelength | 850 nm |
| Video | |
| Main Stream | 50 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720) |
| Sub-Stream | 50 Hz: 20 fps (768 × 432) 60 Hz: 20 fps (768 × 432) |
| Video Compression | Main stream: H.265/H.264, 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 |
| Bit Rate Control | CBR, VBR |
| Scalable Video Coding (SVC) | H.264 and H.265 encoding |
| Region of Interest (ROI) | 1 fixed region for main stream |
| Audio | |
| Audio Type | Mono sound |
| Audio Sampling Rate | 8 kHz/16 kHz |
| Environment Noise Filtering | Yes |
| Audio Compression | G.711/AAC-LC |
| Audio Bit Rate | 64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC) |

| Network | |
|-------------------------------|---|
| Security | Password protection, complicated password, HTTPS encryption, watermark, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface, RTP/RTSP over HTTPS, security audit log, TLS 1.2, TLS 1.3, host authentication (MAC address) |
| Simultaneous Live View | Up to 6 channels |
| API | Open Network Video Interface (Profile S, Profile T, Profile G), ISAPI, SDK, ISUP |
| Protocols | TCP/IP, ICMP, DHCP, DNS, DDNS, HTTP, RTP, RTCP, RTSP, NTP, IGMP, IPv4, IPv6, UDP, QoS, SMTP, SNMP |
| User/Host | Up to 32 users 3 user levels: administrator, operator, and user |
| Client | iVMS-4200, Hik-Connect |
| Web Browser | Local service: IE11, Chrome 57.0+, Firefox 52.0+, Edge 89+ |
| Mobile Communication | |
| Standard | LTE-FDD |
| Frequency | LTE-FDD: B1/3/5/7/8/20/28 |
| Uplink and Downlink Data Rate | Cat 1, uplink: 5.1 Mbps, downlink: 10.3 Mbps |
| SIM Card Type | Nano SIM |
| Image | |
| Wide Dynamic Range (WDR) | Digital WDR |
| SNR | ≥ 52 dB |
| Day/Night Switch | Day, Night, Auto, Schedule |
| Image Enhancement | BLC, HLC, 3D DNR |
| Image Settings | Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser |
| Privacy Mask | 4 programmable polygon privacy masks |
| Interface | |
| 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 | Yes, 1 built-in microphone |
| Built-in Speaker | Max. power consumption: 1.5 W, max. sound pressure level: 10 cm: 95 dB. |
| Reset Key | Yes |
| Event | |
| Basic Event | Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception |
| Linkage | Upload to memory card, notify surveillance center, send email, trigger recording, trigger capture, audible warning, flashing light |
| General | |
| Power | 12 VDC ± 25%, 0.75 A, max. 9 W, Ø5.5 mm coaxial power plug, reverse polarity protection |
| Material | Plastic |
| Dimension | 238.5 mm × 97.6 mm × 67.4 mm (9.39" × 3.84" × 2.65") |
| Package Dimension | 530 mm × 524 mm × 325 mm (8.5" × 4.8" × 4.6") |
| Weight | Approx. 380 g (0.84 lb.) |
| With Package Weight | Approx. 722 g (1.59 lb.) |

| | |
|----------------------------------|---|
| Storage Conditions | -30 °C to 40 °C (-22 °F to 104 °F). Humidity 95% or less (non-condensing) |
| Startup and Operating Conditions | -30 °C to 40 °C (-22 °F to 104 °F). Humidity 95% or less (non-condensing) |
| Language | English, Ukrainian |
| General Function | Heartbeat,anti-banding,mirror,password protection,password reset via email |
| Flashing Light | Yes,White Light |
| Approval | |
| 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, IC: ICES-003: Issue 7, KC: KN32: 2015, KN35: 2015 |
| Safety | CB: IEC 62368-1:2014+A11, CE-LVD: EN 62368-1:2014/A11: 2017, BIS: IS 13252 (Part 1): 2010/IEC 60950-1:2005 |
| Environment | CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, 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. |

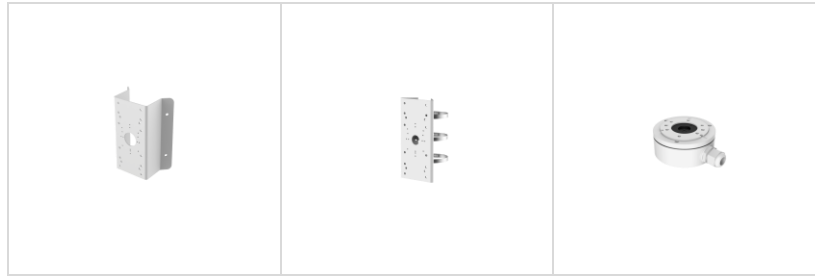
▪ Accessory

▪ Optional

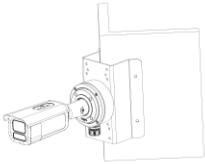
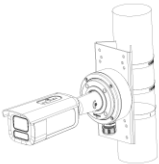
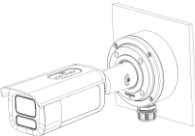
DS-1276ZJ-SUS

DS-1275ZJ-SUS

DS-1280ZJ-XS



▪ **Installation Methods**

| Corner Mounting DS-1276ZJ-SUS+DS-12 80ZJ-XS | Vertical Pole Mounting DS-1275ZJ-SUS+DS-12 80ZJ-XS | Junction Box DS-1280ZJ-XS |
|---|---|--|
|  |  |  |

See Far, Go Further



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