# HIKVISION®

## DS-2CD1121G2-LIU(F)
## 2 MP Fixed Dome Network Camera

- High quality imaging with 2 MP resolution

- Support Human Detection

- Efficient H.265+ compression technology

- Smart Hybrid Light: advanced technology with long range coverage

- Built-in microphone for real-time audio security

- -F model supports on-board storage up to 512 GB (SD card slot)

## ▪ Specification

| Camera | |
|---|---|
| Image Sensor | 1/2.9" Progressive Scan CMOS |
| Max. Resolution | 1920 × 1080 |
| 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 355°, tilt: 0° to 75°, rotate: 0° to 355° |
| **Lens** | |
| Lens Type | Fixed focal lens, 2.8 and 4 mm optional |
| Focal Length & FOV | 2.8 mm, horizontal FOV 101°, vertical FOV 56°, diagonal FOV 118° |
| | 4 mm, horizontal FOV 80°, vertical FOV 44°, diagonal FOV 94° |
| Lens Mount | M12 |
| Iris Type | Fixed |
| Aperture | F2.2 |
| **DORI** | |
| DORI | 2.8 mm, D: 44 m, O: 17 m, R: 8 m, I: 4 m |
| | 4 mm, D: 55 m, O: 22 m, R: 11 m, I: 5 m |
| **Illuminator** | |
| Supplement Light Type | IR, White Light |
| Supplement Light Range | IR: up to 20 m |
| | White Light: up to 15 m |
| Smart Supplement Light | Yes |
| IR Wavelength | 850 nm |
| **Video** | |
| Main Stream | 50 Hz: |
| | 25 fps (1920 × 1080, 1280 × 720) |
| | 60 Hz: |
| | 30 fps (1920 × 1080, 1280 × 720) |
| Sub-Stream | 50 Hz: |
| | 25 fps (640 × 480, 640 × 360) |
| | 60 Hz: |
| | 30 fps (640 × 480, 640 × 360) |
| Video Compression | Main stream: H.265+/H.265/H.264+/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 |
| Region of Interest (ROI) | 1 fixed region for main stream |
| **Audio** | |
| Audio Type | Mono sound |
| Audio Bit Rate | 64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC) |
| Environment Noise Filtering | Yes |
| Audio Sampling Rate | 8 kHz/16 kHz |
| Audio Compression | G.711ulaw/AAC-LC |

| Network | |
|---|---|
| API | Open Network Video Interface (Profile S, Profile T, Profile G (-F model supports)), 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) |
| Simultaneous Live View | Up to 6 channels |
| Protocols | TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTCP, RTSP, NTP, IGMP, IPv4, IPv6, UDP, QoS |
| 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+, Edge 89+ |
| **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 | 1 programmable polygon privacy mask |
| **Interface** | |
| Ethernet Interface | 1 RJ45 10 M/100 M self-adaptive Ethernet port |
| On-Board Storage | -F model: Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB |
| Built-in Microphone | Yes, 1 built-in microphone |
| Reset Key | -F model supports |
| **Event** | |
| Basic Event | Motion detection (support alarm triggering by specified target type (human)), exception |
| Linkage | Upload to memory card (-F model supports), send email, notify surveillance center, trigger recording　(-F model supports), trigger capture |
| **General** | |
| Power | 12 VDC ± 25%, 0.45 A, max. 5.4 W, Ø5.5 mm coaxial power plug, reverse polarity protection,<br>PoE: IEEE 802.3af, Class 3, max. 7 W |
| Material | Plastic |
| Dimension | Ø121.5 mm × 97.6 mm (Ø4.78" × 3.84") |
| Package Dimension | 150 mm × 150 mm × 141 mm (5.9" × 5.9" × 5.6") |
| Weight | Approx. 600 g (1.2 lb.) |
| With Package Weight | Approx. 790 g (1.7 lb.) |
| Storage Conditions | -10 °C to 40 °C (14 °F to 104 °F). Humidity 95% or less (non-condensing) |
| Startup and Operating Conditions | -10 °C to 40 °C (14 °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 |

| 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, 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 |

## ▪ 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.

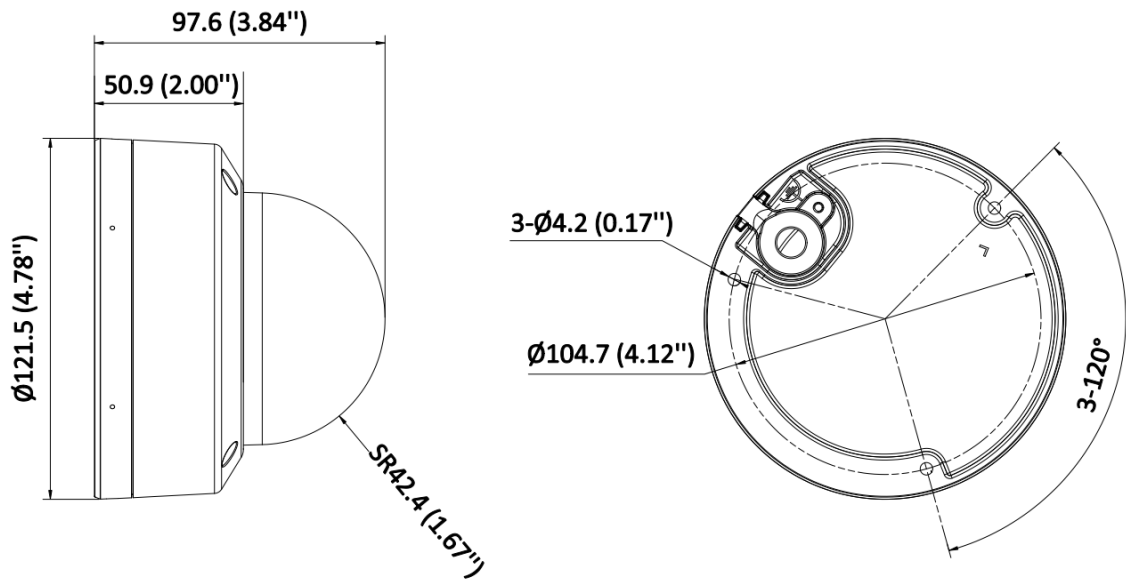| Level | Description |
|---|---|
| Top-level protection | Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more. |
| Moderate protection | Hikvision products 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-2CD1121G2-LIU(2.8mm)
DS-2CD1121G2-LIU(4mm)
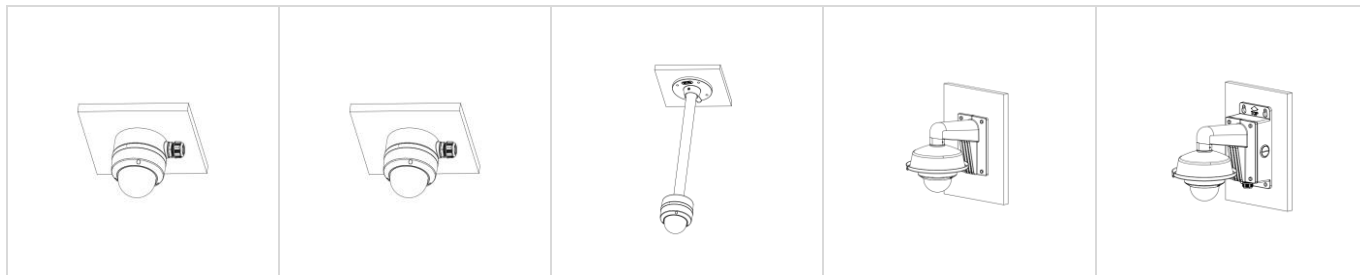DS-2CD1121G2-LIUF(2.8mm)
DS-2CD1121G2-LIUF(4mm)

▪ **Dimension**



97.6 (3.84")
50.9 (2.00")
Ø121.5 (4.78")
3-Ø4.2 (0.17")
Ø104.7 (4.12")
3-120°
SR42.4 (1.67")

Unit: mm (inch)

▪ **Accessory**

▪ **Optional**

| DS-1272ZJ-120 Wall mount | DS-1272ZJ-120B Wall mount | DS-1271ZJ-120 Pendant Mount | DS-1275ZJ-SUS Vertical pole mount | DS-1276ZJ-SUS Corner mount |
|---|---|---|---|---|
|  |  |  |  |  |
|  |  |  |  |  |
| **DS-1280ZJ-DM46** Junction box | **DS-2280ZJ-WA120** Junction box | **DS-2210ZJ-WA-120** Pendant Mount | **DS-2200ZJ-WA-120** Wall mount | **DS-2200ZJ-WAJ-120** Wall mount |
|  |  |  |  |  |

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