

DS-2CD2121G0-I(W)(S) 2 MP IR Fixed Dome Network Camera



- High quality imaging with 2 MP resolution
- Efficient H.265+ compression technology
- Clear imaging against strong back light due to 120 dB true WDR technology
- Water and dust resistant (IP67) and vandal proof (IK10)



▪ Specification

| Camera | |
|-----------------------------|--|
| Image Sensor | 1/2.8" Progressive Scan CMOS |
| Min. Illumination | Color: 0.028Lux @(F2.0, AGC ON) B/W: 0.0028 Lux @(F2.0, AGC ON), 0 Lux with IR |
| Shutter Speed | 1/3 s to 1/100,000 s |
| Slow Shutter | Yes |
| Wide Dynamic Range | 120 dB |
| Day & Night | IR Cut Filter |
| Angle Adjustment | Pan: 0° to 355°, tilt: 0° to 70°, rotate: 0° to 355° |
| Lens | |
| Focus | Fixed |
| Lens Type | 2.8/4/6 mm |
| FOV | 2.8 mm: horizontal FOV: 115°, vertical FOV: 62°, diagonal FOV: 136° 4 mm: horizontal FOV: 86°, vertical FOV: 47°, diagonal FOV: 103° 6 mm: horizontal FOV: 55°, vertical FOV: 31°, diagonal FOV: 62° |
| Aperture | F2.0 |
| Lens Mount | M12 |
| Auto-Iris | No |
| Illuminator | |
| IR Range | Up to 30 m |
| Wavelength | 850 nm |
| Video | |
| Max. Resolution | 1920 × 1080 |
| Main Stream | 50Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720) |
| Sub-Stream | 50Hz: 25 fps (704 × 576, 640 × 480, 352 × 288, 320 × 240) 60Hz: 30 fps (704 × 480, 640 × 480, 352 × 240, 320 × 240) |
| 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 |
| H.264+ | Main stream supports |
| H.265+ | Main stream supports |
| Scalable Video Coding (SVC) | No |
| Region of Interest (ROI) | 1 fixed region for main stream |
| Audio | |
| Environment Noise Filtering | -S: Yes |
| Audio Sampling Rate | -S: 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz |
| Audio Compression | -S: G.711/G.722.1/G.726/MP2L2/PCM |
| Audio Bit Rate | -S: 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2) |
| Network | |
| Simultaneous Live View | Up to 6 channels |

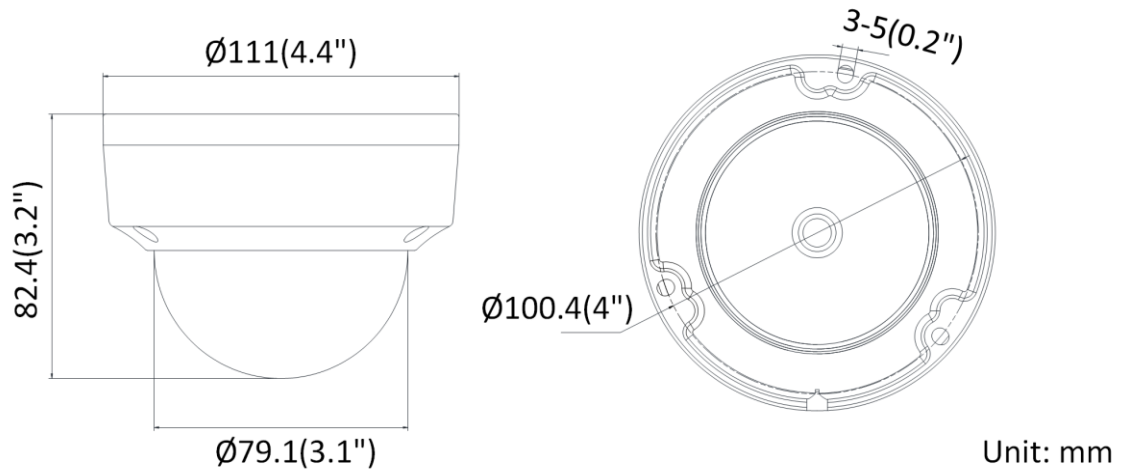
| | |
|----------------------------------|---|
| API | ONVIF (PROFILE S, PROFILE G), ISAPI |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour |
| User/Host | Up to 32 users. 3 levels: administrator, operator and user |
| Network Storage | Support built-in micro SD/micro SDHC/micro SDXC card (128 GB), local storage and NAS (NFS, SMB/CIFS), ANR |
| Client | Wired network: Hik-Connect, iVMS-4200, iVMS-5200, iVMS-4500 Wi-Fi: iVMS-4200, iVMS-5200, iVMS-4500 |
| Web Browser | IE 8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+ |
| Alarm Trigger | Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD full, HDD error |
| Image | |
| Day/Night Switch | Day/Night/Auto/Schedule/Triggered by alarm in (-S) |
| Target Cropping | No |
| DNR | 3D DNR |
| Image Enhancement | BLC/3D DNR |
| Image Settings | Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or web browser |
| Interface | |
| Audio | -S: 1 input (line in), 1 output (line out), mono sound |
| Alarm | -S: 1 input, 1 output |
| Video Output | No |
| On-board Storage | Built-in micro SD/micro SDHC/micro SDXC slot, up to 128 GB |
| Hardware Reset | Yes |
| Communication Interface | 1 RJ45 10M/100M self-adaptive Ethernet port |
| Smart Feature-Set | |
| Smart Event | Line crossing detection, intrusion detection |
| General | |
| Firmware Version | V5.5.98 |
| General Function | One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter |
| Startup and Operating Conditions | -30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing) |
| Power Supply | 12 VDC ± 25%, PoE (802.3af, class 3) |
| Power Consumption and Current | PoE: (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, max. 6.5 W; 12 VDC, 0.4 A, max. 5 W |
| Camera Material | Front cover: plastic, base: metal |
| Camera Dimension | Camera: Ø111 × 82.4 mm (Ø4.4" × 3.2") With package: 135 × 135 × 110 mm (5.3" × 5.3" × 4.3") |
| Camera Weight | Camera: approx. 497 g (1.1 lb.) With package: approx. 597 g (1.3 lb.) |
| Approval | |
| Protection | Ingress protection: IP67 (IEC 60529-2013), IK10(IEC 62262:2002) |
| Wi-Fi | |
| Encryption Mode | -W: 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS |
| Wi-Fi Protocol | IEEE 802.11b/g/n |
| Frequency Range | -W: 2.4 GHz to 2.4835 GHz |

| | |
|-------------------|---|
| Channel Bandwidth | -W: 20/40 MHz |
| Transfer Rate | -W: 11b: 11 Mbps 11g: 54 Mbps 11n: 65 Mbps |
| Wireless Range | -W: 50 m |

▪ Available Models

- DS-2CD2121G0-I (2.8 mm, 4 mm, 6 mm)
- DS-2CD2121G0-IS (2.8 mm, 4 mm, 6 mm)
- DS-2CD2121G0-IW (2.8 mm, 4 mm)
- DS-2CD2121G0-IWS (2.8 mm, 4 mm)

▪ Dimension



- Accessory
- Optional

| | | | | |
|--|--|--|---|---|
| DS-1271ZJ-110 Pendant Mount | DS-1275ZJ-SUS Vertical Pole Mount | DS-1250ZJ Rain Shield | DS-1276ZJ-SUS Corner Mount | DS-1259ZJ Inclined Ceiling Mount |
|  |  |  |  |  |
| DS-1258ZJ Wall Mount | DS-1272ZJ-110 Wall Mount | DS-1280ZJ-DM18 Junction Box | DS-1272ZJ-110B Wall Mount | |
|  |  |  |  | |

Distributed by



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