

DS-2CV1021G0-IDW 2 MP IR Fixed Bullet Wi-Fi Network Camera



- High quality imaging with 2 MP resolution
- Efficient H.264 compression technology
- Clear imaging even with strong back lighting due to DWDR technology
- Up to 256 GB SD card slot for storage
- Wi-Fi connection and easy installation
- Water and dust resistant (IP66)



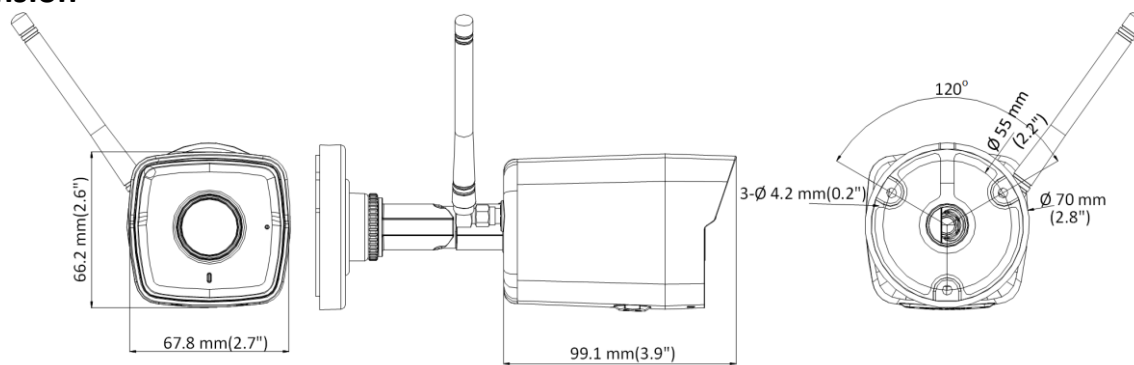
▪ Specification

| Camera | |
|-----------------------------|---|
| Image Sensor | 1/2.8" Progressive Scan CMOS |
| Min. Illumination | Color: 0.028Lux @ (F2.0, AGC ON) |
| Shutter Speed | 1/3 s to 1/100,000 s |
| Slow Shutter | Yes |
| Angle Adjustment | Pan: 0° to 360°, tilt: -90° to 90°, rotate: 0° to 90° |
| DNR | 3D DNR |
| WDR | DWDR |
| Day & Night | IR Cut Filter |
| Auto-Iris | No |
| Lens | |
| Aperture | F2.0 |
| Focus | Fixed |
| FOV | 2.8 mm, horizontal FOV: 114.5°, vertical FOV: 62°, diagonal FOV: 135.5° 4 mm, horizontal FOV: 86°, vertical FOV: 46.5°, diagonal FOV: 102.5° |
| Lens Mount | M12 |
| Focal length | 2.8/4 mm |
| Audio | |
| Environment Noise Filtering | Yes |
| Audio Sampling Rate | 8 kHz/16 kHz |
| Image | |
| Max. Resolution | 1920 × 1080 |
| Main Stream | 50Hz: 25 fps (1920 × 1080, 1280 × 720) 60Hz: 30 fps (1920 × 1080, 1280 × 720) |
| Sub-Stream | 50Hz: 25 fps (640 × 360) 60Hz: 30 fps (640 × 360) |
| Image Enhancement | BLC, HLC, 3D DNR |
| Day/Night Switch | Day, Night, Auto, Scheduled |
| Image Settings | Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser |
| Network | |
| Network Storage | Support micro SD/SDHC/SDXC card (max. 256 GB), local storage and NAS (NFS, SMB/CIFS), auto network replenishment (ANR) |
| Alarm Trigger | Motion detection, illegal login |
| Protocols | TCP/IP, ICMP, DHCP, DNS, DDNS, HTTP, RTP, RTSP, NTP, UPnP, IGMP, IPv6, UDP, QoS, Bonjour |
| API | ISAPI, SDK |
| Simultaneous Live View | Up to 6 channels |
| User/Host | Up to 32 users 3 levels: Administrator, Operator and User |
| Client | Wired network: Hik-Connect, iVMS-4200 Wi-Fi: iVMS-4200 |

| | |
|-------------------------------|--|
| Web Browser | Plug-in required live view: IE8, IE9, IE10, IE11 Plug-in free live view or local service: Chrome 57.0+, Firefox 52.0+ Plug-in free live view: Safari 11+ |
| General Function | Anti-flicker, heartbeat, mirror, password protection, reset password via e-mail |
| Firmware Version | V5.5.101 |
| Interface | |
| Reset Button | Yes |
| On-board storage | Built-in Micro SD/SDHC/SDXC slot, up to 256 GB |
| Communication Interface | 1 RJ45 10M/100M self-adaptive Ethernet port |
| Audio | 1 Built-in mic, mono sound |
| General | |
| Operating Conditions | -30 °C to +60 °C (-22°F to +140 °F), Humidity 95% or less (non-condensing) |
| Power supply | 12 VDC ± 25%, Ø5.5 mm coaxial power plug |
| Power Consumption and Current | 12 VDC, 0.4 A, max. 5 W |
| Material | Front cover: metal, back cover: plastic |
| Dimensions | Camera: 99 mm × 68 mm × 66 mm (3.9" × 2.7" × 2.6") With package: 172 mm × 110 mm × 99 mm (6.8" × 4.3" × 3.9") |
| Weight | Camera: 272 g (0.6 lb.) With package: 517 g (1.1 lb.) |
| Approval | |
| Protection | Ingress protection: IP66 (IEC 60529-2013) |
| Compression Standard | |
| Video Compression | Main stream: H.265, H.264 Sub-stream: H.265, H.264 |
| H.264+ | Main stream supports |
| H.265+ | No |
| H.264 Type | Baseline Profile/Main Profile |
| H.265 Type | Main Profile |
| Video Bit Rate | 32 Kbps to 8 Mbps |
| Audio Compression | G.711/G.722.1/G.726/MP2L2/PCM |
| Audio Bit Rate | 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32 to 160Kbps(MP2L2) |
| IR | |
| IR Range | Up to 30 m |
| Wavelength | 850 nm |
| Wi-Fi (-W) | |
| Wireless Standards | IEEE 802.11b/g/n |
| Frequency Range | 2.4 GHz to 2.4835 GHz |
| Transfer Rates | 11b: 11 Mbps 11g: 54 Mbps 11n: up to 150 Mbps |
| Security | 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK |
| Channel Bandwidth | 20 MHz/40 MHz |
| Wireless Range | Up to 80 m (The performance varies based on actual environment.) |
| Protocols | 802.11b: CCK, DQPSK, DBPSK 802.11g/n: 64-QAM, 16-QAM, QPSK, BPSK |

▪ Available Model

DS-2CV1021G0-IDW1(2.8 mm, 4 mm)

▪ Dimension**▪ Accessory**DS-1280ZJ-XS
Junction Box



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