

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



### Key Features

- 1/2.8" Progressive Scan CMOS
- 1920 × 1080@30fps
- 2.8/4/6 mm fixed lens
- Color: 0.01 Lux @(F1.2, AGC ON), 0.028Lux @(F2.0, AGC ON);
- H.265+, H.265, H.264+, H.264
- Digital WDR
- 2 Behavior analyses
- BLC/3D DNR/ROI
- Built-in micro SD/SDHC/SDXC card slot, up to 128 GB



## Specifications

| <b>Camera</b>               |                                                                                                                                                                                                            |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                | 1/2.8" Progressive Scan CMOS                                                                                                                                                                               |
| Min. Illumination           | Color: 0.01 Lux @(F1.2, AGC ON), 0.028Lux @(F2.0, AGC ON);<br>B/W: 0.001 Lux @(F1.2, AGC ON), 0.0028 Lux @(F2.0, AGC ON), 0 Lux with IR                                                                    |
| Shutter Speed               | 1/3 s to 1/100,000 s                                                                                                                                                                                       |
| Slow Shutter                | Yes                                                                                                                                                                                                        |
| Auto-Iris                   | No                                                                                                                                                                                                         |
| Day & Night                 | IR Cut Filter                                                                                                                                                                                              |
| Digital Noise Reduction     | 3D DNR                                                                                                                                                                                                     |
| WDR                         | Digital WDR                                                                                                                                                                                                |
| 2-Axis Adjustment           | Pan: 0° to 355°, tilt: 0° to 70°                                                                                                                                                                           |
| <b>Lens</b>                 |                                                                                                                                                                                                            |
| Focal Length                | 2.8/4/6 mm                                                                                                                                                                                                 |
| Aperture                    | F2.0                                                                                                                                                                                                       |
| Focus                       | No                                                                                                                                                                                                         |
| FOV                         | 2.8 mm: horizontal FOV: 115°, vertical FOV: 62°, diagonal FOV: 136°<br>4 mm: horizontal FOV: 86°, vertical FOV: 47°, diagonal FOV: 103°<br>6 mm: horizontal FOV: 55°, vertical FOV: 31°, diagonal FOV: 62° |
| Lens Mount                  | M12                                                                                                                                                                                                        |
| <b>IR</b>                   |                                                                                                                                                                                                            |
| IR Range                    | 2.8 mm, 4 mm: 20 meters<br>6 mm: 30 meters                                                                                                                                                                 |
| Wavelength                  | 850nm                                                                                                                                                                                                      |
| <b>Compression Standard</b> |                                                                                                                                                                                                            |
| Video Compression           | Main stream: H.265/H.264<br>Sub-stream: H.265/H.264/MJPEG                                                                                                                                                  |
| H.264 Type                  | Baseline Profile/Main Profile/High Profile                                                                                                                                                                 |
| H.264+                      | Main stream supports                                                                                                                                                                                       |
| H.265 Type                  | Main Profile                                                                                                                                                                                               |
| H.265+                      | Main stream supports                                                                                                                                                                                       |
| Video Bit Rate              | 32 Kbps to 8 Mbps                                                                                                                                                                                          |
| 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)                                                                                                                                              |
| <b>Smart Feature-set</b>    |                                                                                                                                                                                                            |
| Behavior Analysis           | Line crossing detection, intrusion detection                                                                                                                                                               |
| Region of Interest          | 1 fixed region for main stream                                                                                                                                                                             |
| <b>Image</b>                |                                                                                                                                                                                                            |
| Max. Resolution             | 1920 × 1080                                                                                                                                                                                                |
| Main Stream                 | 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720)<br>60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)                                                                                                     |
| Sub-Stream                  | 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288, 320 × 240)<br>60Hz: 30fps (704 × 480, 640 × 480, 352 × 240, 320 × 240)                                                                                       |
| Image Enhancement           | BLC/3D DNR                                                                                                                                                                                                 |
| Image Settings              | Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or web                                                                                                              |

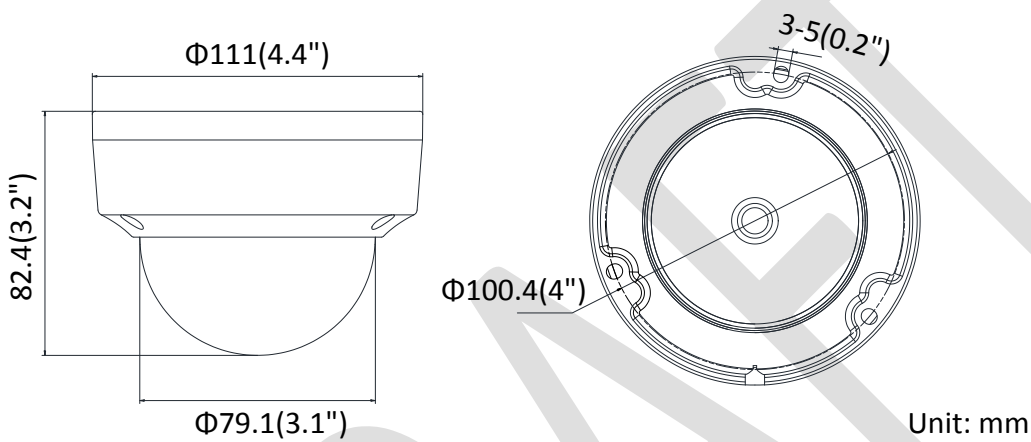
|                               |                                                                                                                                   |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
|                               | browser                                                                                                                           |
| Target Cropping               | No                                                                                                                                |
| Day/Night Switch              | Day/Night/Auto/Schedule/Triggered by alarm in (-S)                                                                                |
| <b>Network</b>                |                                                                                                                                   |
| Network Storage               | Support built-in micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR                                        |
| Alarm Trigger                 | Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD full, HDD error                  |
| Protocols                     | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour |
| General Function              | Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter                                  |
| Firmware Version              | V5.5.3                                                                                                                            |
| API                           | ONVIF (PROFILE S, PROFILE G), ISAPI                                                                                               |
| Simultaneous Live View        | Up to 6 channels                                                                                                                  |
| User/Host                     | Up to 32 users<br>3 levels: Administrator, Operator and User                                                                      |
| Client                        | iVMS-4200, Hik-Connect, iVMS-5200                                                                                                 |
| Web Browser                   | IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+                                                                                |
| <b>Interface</b>              |                                                                                                                                   |
| Audio (-S)                    | 1 input (line in), 1 output (line out), mono sound                                                                                |
| Communication Interface       | 1 RJ45 10M/100M self-adaptive Ethernet port                                                                                       |
| Alarm (-S)                    | 1 input, 1 output                                                                                                                 |
| Video Output                  | No                                                                                                                                |
| On-board Storage              | Built-in micro SD/SDHC/SDXC slot, up to 128 GB                                                                                    |
| SVC                           | No                                                                                                                                |
| Reset Button                  | Yes                                                                                                                               |
| <b>Wi-Fi</b>                  |                                                                                                                                   |
| Wireless Standards            | IEEE 802.11b/g/n                                                                                                                  |
| Frequency Range               | 2.4 GHz to 2.4835 GHz                                                                                                             |
| Channel Bandwidth             | 20/40MHz                                                                                                                          |
| Protocols                     | 802.11b: DQPSK, DBPSK, CCK<br>802.11g/n: 64-QAM, 16-QAM, QPSK, BPSK                                                               |
| Security                      | 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS                                                                                   |
| Transfer Rates                | 11b: 11Mbps, 11g: 54Mbps, 11n: 65Mbps                                                                                             |
| Wireless Range                | 50 m                                                                                                                              |
| <b>Audio (-S)</b>             |                                                                                                                                   |
| Environment Noise Filtering   | Yes                                                                                                                               |
| Audio Sampling Rate           | 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz                                                                                               |
| <b>General</b>                |                                                                                                                                   |
| Operating Conditions          | -10 °C to +40 °C (14 °F to +104 °F), humidity 95% or less (non-condensing)                                                        |
| Power Supply                  | 12 VDC ± 25%,<br>PoE (802.3af, class 3)                                                                                           |
| Power Consumption and Current | PoE: (802.3af, 36V-57V), 0.2 A to 0.1 A, max. 6.5W<br>12 VDC, 0.4 A, max. 5W                                                      |
| Protection Level              | IP67                                                                                                                              |
| Material                      | Front cover: plastic, base: metal                                                                                                 |
| Dimensions                    | Camera: Φ 111 × 82.4 mm (Φ 4.4" × 3.2")<br>With package: 135 × 135 × 110 mm (5.3" × 5.3" × 4.3")                                  |

|        |                                                                          |
|--------|--------------------------------------------------------------------------|
| Weight | Camera: approx. 400 g (0.9 lb.)<br>With package: approx. 500 g (1.1 lb.) |
|--------|--------------------------------------------------------------------------|

**Available Models:**

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

**Dimensions**



**Accessories**





DRAFT

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