

## DS-2CD2021G1-I(D)(W) 2 MP IR Fixed Network Bullet Camera



### Key Features

- 1/2.7" Progressive Scan CMOS
- 1920 × 1080 @30fps
- 2.8/4/6 mm fixed lens
- Wi-Fi Connection
- H.265+, H.265, H.264+, H.264
- Backlight Compensation
- 3D Digital Noise Reduction
- Region of Interest
- Digital Wide Dynamic Range
- IP67



## Specifications

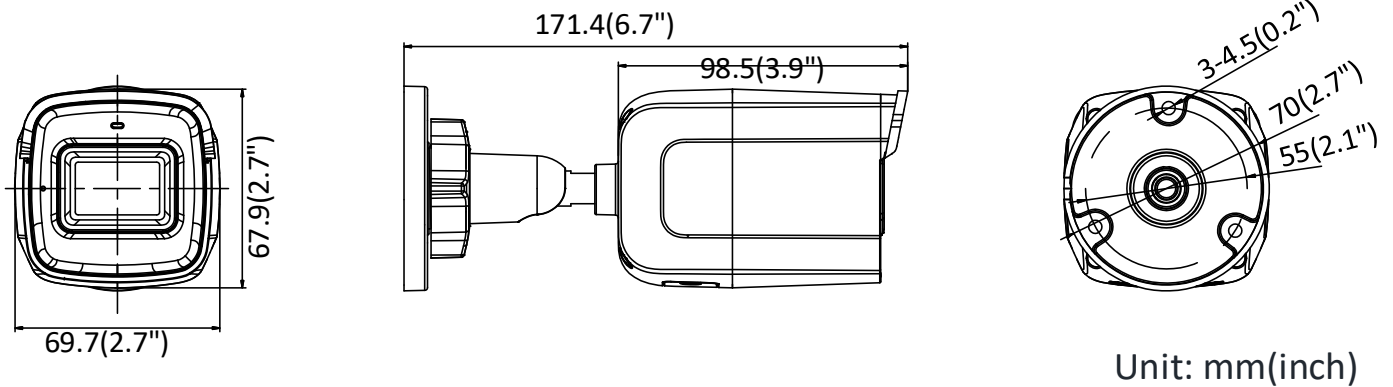
| <b>Camera</b>               |                                                                                                                                                                                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                | 1/2.7" Progressive Scan CMOS                                                                                                                                                                                                         |
| Min. Illumination           | Color: 0.01 Lux @(F1.2; AGC ON), 0.028 Lux @(F2.0; AGC ON)                                                                                                                                                                           |
| 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                                                                                                                                                                                                                               |
| Wide Dynamic Range          | DWDR                                                                                                                                                                                                                                 |
| 3-Axis Adjustment           | Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°                                                                                                                                                                                 |
| <b>Lens</b>                 |                                                                                                                                                                                                                                      |
| Focal length                | 2.8/4/6 mm                                                                                                                                                                                                                           |
| Aperture                    | F2.0                                                                                                                                                                                                                                 |
| Focus                       | No                                                                                                                                                                                                                                   |
| FOV                         | 2.8 mm, horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 136°<br>4 mm, horizontal field of view: 86°, vertical FOV: 46°, diagonal FOV: 102°<br>6 mm, horizontal field of view: 54.5°, vertical FOV: 31.3°, diagonal FOV: 62.3° |
| Lens Mount                  | M12                                                                                                                                                                                                                                  |
| <b>IR</b>                   |                                                                                                                                                                                                                                      |
| IR Range                    | Up to 30 m                                                                                                                                                                                                                           |
| 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 8Mbps                                                                                                                                                                                                                     |
| <b>Smart Feature-set</b>    |                                                                                                                                                                                                                                      |
| Behavior Analysis           | Line crossing detection, intrusion detection                                                                                                                                                                                         |
| Region of Interest          | Support 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 (640 × 480, 640 × 360, 320 × 240)<br>60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)                                                                                                                                       |
| Image Enhancement           | BLC/3D DNR                                                                                                                                                                                                                           |
| Image Settings              | Rotate mode, saturation, brightness, contrast and sharpness are adjustable via client software and web browser                                                                                                                       |
| Day/Night Switch            | Auto/Scheduled/Day/Night                                                                                                                                                                                                             |
| <b>Network</b>              |                                                                                                                                                                                                                                      |
| Alarm Trigger               | Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD                                                                                                                                     |

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
|                               | error, HDD full                                                                                                                       |
| Network Storage               | Support built-in microSD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR                                             |
| Protocols                     | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour |
| General Function              | One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark                                          |
| 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, iVMS-4500                                                                                          |
| Web Browser                   | IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+                                                                                    |
| <b>Interface</b>              |                                                                                                                                       |
| Communication Interface       | 1 RJ45 10M/100M self-adaptive Ethernet port                                                                                           |
| On-board Storage              | Built-in microSD/SDHC/SDXC slot, up to 128 GB                                                                                         |
| Reset Button                  | Yes                                                                                                                                   |
| <b>Wi-Fi (-W)</b>             |                                                                                                                                       |
| Wireless Standards            | IEEE802.11b, 802.11g, 802.11n                                                                                                         |
| Frequency Range               | 2.412 GHz - 2.472 GHz                                                                                                                 |
| Channel Bandwidth             | 20/40MHz                                                                                                                              |
| Protocols                     | 802.11b: CCK, QPSK, BPSK,<br>802.11g/n: OFDM                                                                                          |
| Security                      | 64/128-bit WEP, WPA/WPA2                                                                                                              |
| Transfer Rates                | 11b: 11Mbps, 11g: 54Mbps, 11n: up to 150Mbps                                                                                          |
| Wireless Range                | 50 m                                                                                                                                  |
| <b>General</b>                |                                                                                                                                       |
| Operating Conditions          | -30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)                                                           |
| Power Supply                  | 12 VDC ± 25%<br>PoE: 802.3af, class 3 (without -D model)                                                                              |
| Power Consumption and Current | 12 VDC, 0.3 A, max. 4 W<br>PoE (802.3af, 36 to 57 V), 0.2 A to 0.1 A, max. 5.5 W (without -D model)                                   |
| Protection Level              | IP67                                                                                                                                  |
| Material                      | Front cover: plastic, back cover: metal                                                                                               |
| Dimensions                    | 69.7 mm × 67.9 mm × 171.4 mm (2.7" × 2.7" × 6.7")                                                                                     |
| Weight                        | 350g (0.8lb)                                                                                                                          |

## Available Models:

DS-2CD2021G1-I(2.8/4/6 mm), DS-2CD2021G1-IW(2.8/4/6 mm), DS-2CD2021G1-IDW(2.8/4/6 mm)

## Dimensions



## Accessory



DS-1280ZI-S

Junction Box

Distributed by



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