

## DS-2CD2721G0-I(Z)(S) 2 MP IR VF Dome Network Camera



### Key Features

- 1/2.8" Progressive Scan CMOS
- 1920 × 1080@30fps
- 2.8 to 12 mm varifocal lens
- Color: 0.01 Lux @(F1.2, AGC ON), 0.028Lux @(F2.0, AGC ON);
- H.265+, H.265, H.264+, H.264
- 120dB WDR
- 2 Behavior analyses
- BLC/3D DNR/ROI
- Built-in micro SD/SDHC/SDXC card slot, up to 128 GB
- IP67, IK10



## Specifications

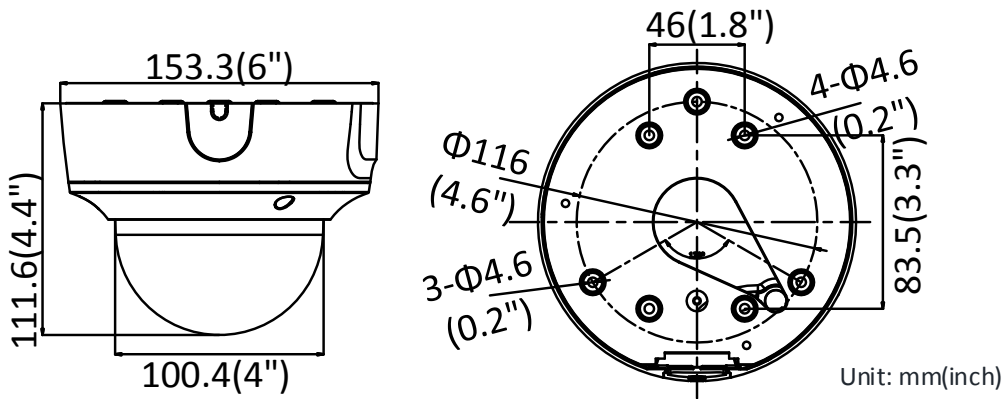
| <b>Camera</b>               |   |
|-----------------------------|---|
| Image Sensor                | 1/2.8" Progressive Scan CMOS  |
| Min. Illumination           | Color: 0.01 Lux @(F1.2, AGC ON), 0.028Lux @(F2.0, AGC ON);<br>B/W: 0.001 Lux @(F1.2, AGC ON), 0.0028 Lux @(F2.0, AGC ON), 0 Lux with 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                         | 120 dB  |
| 3-Axis Adjustment           | Pan: 0° to 355°, tilt: 0° to 75°, rotation: 0° to 355°  |
| <b>Lens</b>                 |   |
| Focal Length                | 2.8 to 12 mm  |
| Aperture                    | F2.0  |
| Focus                       | -Z: Auto<br>Without -Z: Manual  |
| FOV                         | Horizontal FOV: 99.6° to 35°, vertical FOV: 53.5° to 20°, diagonal FOV: 118.6° to 40.2°   |
| Lens Mount                  | Φ14   |
| <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 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 (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, 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 microSD/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              | One-key reset, anti-flicker, heartbeat, three streams, mirror, password protection, privacy mask, watermark, IP address filter   |
| Firmware Version              | V5.5.6   |
| 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>              |  |
| Audio (-S)                    | 1 input (line in), 1 output (line out), mono sound   |
| Communication Interface       | 1 RJ45 10M/100M self-adaptive Ethernet port  |
| Alarm (-S)                    | 2 inputs, 2 outputs  |
| Video Output (-S)             | CVBS   |
| On-board Storage              | Built-in microSD/SDHC/SDXC slot, up to 128 GB  |
| SVC                           | H.264 and H.265 encoding support   |
| Reset Button                  | Yes  |
| <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          | -30 °C to +60 °C (22 °F to +140 °F), humidity 95% or less (non-condensing)   |
| Power Supply                  | 12 VDC ± 25%, Φ 5.5 mm coaxial plug power<br>PoE (802.3af, class 3)  |
| Power Consumption and Current | -Z:<br>12 VDC, 0.8 A, max. 10 W<br>PoE: (802.3af, 36V-57V), 0.4 A to 0.2 A, max. 12 W<br>Without -Z:<br>12 VDC, 0.5 A, max. 6 W<br>PoE: (802.3af, 36V-57V), 0.3 A to 0.1 A, max. 8 W |
| Protection Level              | IP67, IK10   |
| Material                      | Front cover & Base: metal, bubble: plastic   |
| Dimensions                    | Φ 153.3 × 111.6 mm (Φ 6" × 4.4")   |
| Weight                        | Camera: approx. 880 g (1.9 lb.)<br>With package: approx. 1300 g (2.9 lb.)  |

## Available Models:

### Dimensions

DS-2CD2721G0-I(2.8 to 12 mm), DS-2CD2721G0-IZ(2.8 to 12 mm), DS-2CD2721G0-IS(2.8 to 12 mm), DS-2CD2721G0-IZS(2.8 to 12 mm)



**Accessories**



DS-1273ZJ-155

DS-1271ZJ-155

Distributed by



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