

DS-2CV2U32G1-IDW

3 MP 180° Wide Angle EXIR Cube Network Camera



## Key Features

- 2304 × 1296@20fps
- 180° Horizontal FOV
- H.265+, H.265
- Built-in Micro SD/SDHC/SDXC slot, up to 128G
- IR: Up to 10 m
- Built-in Wi-Fi
- Mobile monitoring via Hik-Connect app
- Built-in microphone and speaker, two-way audio



## Specifications

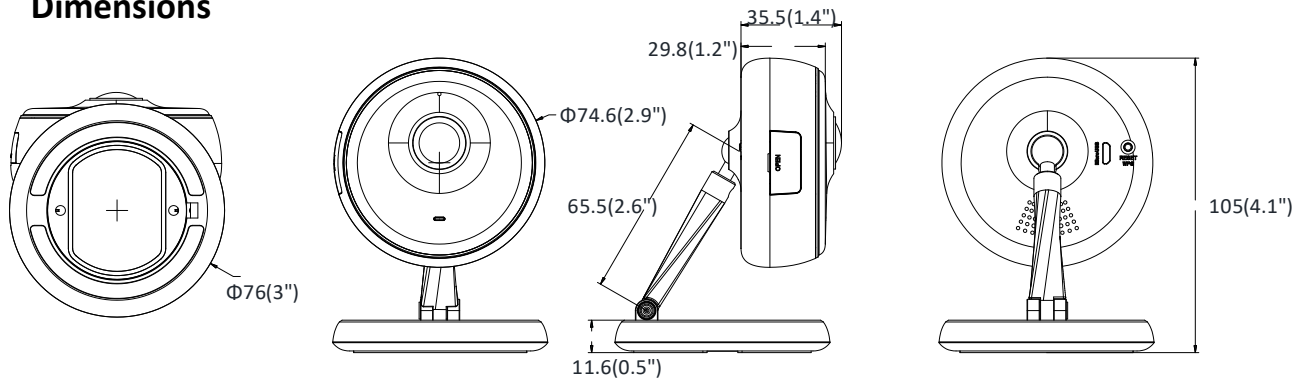
| <b>Camera</b>               |  |
|-----------------------------|--|
| Image Sensor                | 1/3" Progressive Scan CMOS   |
| Min. Illumination           | Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR,<br>Color: 0.028Lux @ (F2.0, AGC ON), 0 Lux with IR                      |
| Shutter Speed               | 1/3 s to 1/100,000 s   |
| Slow Shutter                | Yes  |
| Day & Night                 | IR Cut Filter  |
| Digital Noise Reduction     | 3D DNR   |
| WDR                         | 120dB  |
| 3-Axis Adjustment           | Pan: 0° to 360°, tilt: -75° to 65°, rotate: 0° to 360°   |
| <b>Lens</b>                 |  |
| Focal length                | 1.68 mm  |
| Aperture                    | F2.0   |
| FOV                         | Horizontal field of view: 180°, Vertical field of view: 85°  |
| Lens Mount                  | M12  |
| <b>IR</b>                   |  |
| IR Range                    | Up to 10 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                  | Main Profile/High Profile  |
| H.264+                      | Yes  |
| H.265 Type                  | Main Profile   |
| H.265+                      | Yes  |
| Video Bit Rate              | 32 Kbps to 8 Mbps  |
| Audio Compression           | G722.1/G711ulaw/G711alaw/G726/MP2L2/PCM  |
| Audio Bit Rate              | 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)  |
| <b>Smart Feature-set</b>    |  |
| Region of Interest          | Support 1 fixed region for main stream and sub-stream separately   |
| <b>Image</b>                |  |
| Max. Resolution             | 2304 × 1296  |
| Main Stream                 | 50Hz: 20fps (2304 × 1296), 25fps (1920 × 1080, 1280 × 720)<br>60Hz: 20fps (2304 × 1296), 30fps (1920 × 1080, 1280 × 720) |
| Sub Stream                  | 50Hz: 25fps(640 × 360, 480 × 272, 432 × 240)<br>60Hz: 30fps(640 × 360, 480 × 272, 432 × 240)                             |
| Image Setting               | Saturation, brightness, contrast, sharpness adjustable by client software or web browser                                 |
| Image Enhancement           | BLC/3D DNR   |
| Day/Night Switch            | Auto/Schedule  |
| <b>Network</b>              |  |
| Network Storage             | Support 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, HDD full, HDD error, illegal login         |
| Protocols                   | TCP/IP, ICMP, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP™, IGMP, QoS, IPv6   |

|                               |  |
|-------------------------------|--|
| General Function              | One-key reset, anti-flicker, dual streams, heartbeat, 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   |
| <b>Interface</b>              |  |
| Audio                         | 1 built-in mic, 1 built-in speaker, two-way audio, mono sound                                      |
| On-board storage              | Built-in Micro SD/SDHC/SDXC slot, up to 128 GB   |
| Reset                         | Yes  |
| SVC                           | Support H.264 and H.265 encoding   |
| <b>Wi-Fi</b>                  |  |
| Wireless Standards            | IEEE 802.11b/g/n   |
| Frequency Range               | 2.412 GHz to 2.4835 GHz  |
| Channel Bandwidth             | 20M/40M  |
| Protocols                     | 802.11b: DQPSK, DBPSK, CCK<br>802.11g/n: OFDM/64-QAM, 16-QAM, QPSK, BPSK                           |
| Security                      | WPA, WPA2  |
| Transfer Rates                | 11b: 11Mbps, 11g: 54Mbps, 11n: up to 150Mbps   |
| Wireless Range                | Up to 50 m   |
| <b>Audio</b>                  |  |
| Environment Noise Filtering   | Yes  |
| Audio Sampling Rate           | 16 kHz, 32kHz, 44.1kHz, 48kHz  |
| <b>General</b>                |  |
| Operating Conditions          | -10 °C to +40 °C (14°F to +104 °F), Humidity 95% or less (non-condensing)                          |
| Power Supply                  | 5 VDC ± 10%, micro USB   |
| Power Consumption and Current | 5 VDC, 1A, max. 6.5W   |
| Material                      | Bracket: metal, camera shell: plastic  |
| Dimensions                    | Φ76 mm × 105 mm (Φ3" × 4.1")   |
| Weight                        | Camera: Approx. 230 g (0.51 lb.)   |

## Available Model:

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**Dimensions**



Distributed by



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