

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

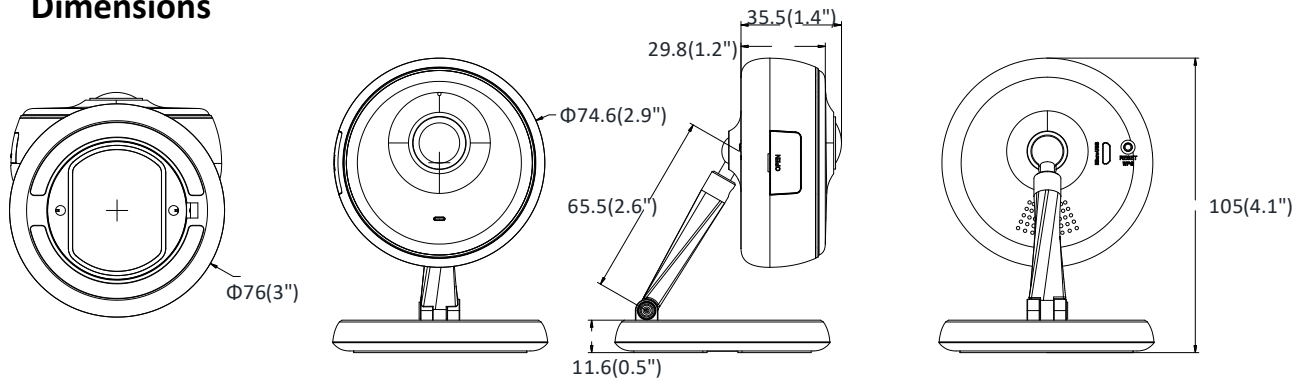
<b>Camera</b>	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR, Color: 0.028Lux @ (F2.0, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Day & Night	IR Cut Filter
Digital Noise Reduction	3D DNR
WDR	120dB
3-Axis Adjustment	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 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) 60Hz: 20fps (2304 × 1296), 30fps (1920 × 1080, 1280 × 720)
Sub Stream	50Hz: 25fps(640 × 360, 480 × 272, 432 × 240) 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 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 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



**HIKVISION®**

**Headquarters**

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
overseasbusiness@hikvision.com

**Hikvision USA**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Australia**  
T +61-2-8599-4233  
salesau@hikvision.com

**Hikvision India**  
T +91-22-28469900  
sales@pramahikvision.com

**Hikvision Canada**  
T +1-866-200-6690  
sales.canada@hikvision.com

**Hikvision Thailand**  
T +662-275-9949  
sales.thailand@hikvision.com

**Hikvision Europe**  
T +31-23-5542770  
sales.eu@hikvision.com

**Hikvision Italy**  
T +39-0438-6902  
info.it@hikvision.com

**Hikvision Brazil**  
T +55 11 3318-0050  
Latam.support@hikvision.com

**Hikvision Turkey**  
T +90 (216)521 7070- 7074  
sales.tr@hikvision.com

**Hikvision Malaysia**  
T +601-7652-2413  
sales.my@hikvision.com

**Hikvision UK & Ireland**  
T +01628-902140  
sales.uk@hikvision.com

**Hikvision South Africa**  
Tel: +27 (10) 0351172  
sale.africa@hikvision.com

**Hikvision France**  
T +33(0)1-85-330-450  
info.fr@hikvision.com

**Hikvision Kazakhstan**  
T +7-727-9730667  
nikia.panfilov@hikvision.ru

**Hikvision Vietnam**  
T +84-974270888  
sales.vt@hikvision.com

**Hikvision UAE**  
T +971-4-4432090  
salesme@hikvision.com

**Hikvision Singapore**  
T +65-6684-4718  
sg@hikvision.com

**Hikvision Spain**  
T +34-91-737-16-55  
info.es@hikvision.com

**Hikvision Tashkent**  
T +99-87-1238-9438  
uzb@hikvision.ru

**Hikvision Hong Kong**  
T +852-2151-1761  
info.hk@hikvision.com

**Hikvision Russia**  
T +7-495-669-67-99  
saleru@hikvision.com

**Hikvision Korea**  
T +82-(0)31-731-8817  
sales.korea@hikvision.com

**Hikvision Poland**  
T +48-22-460-01-50  
info.pl@hikvision.com

**Hikvision Indonesia**  
T +62-21-2933759  
Sales.Indonesia@hikvision.com

**Hikvision Colombia**  
sales.colombia@hikvision.com