

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

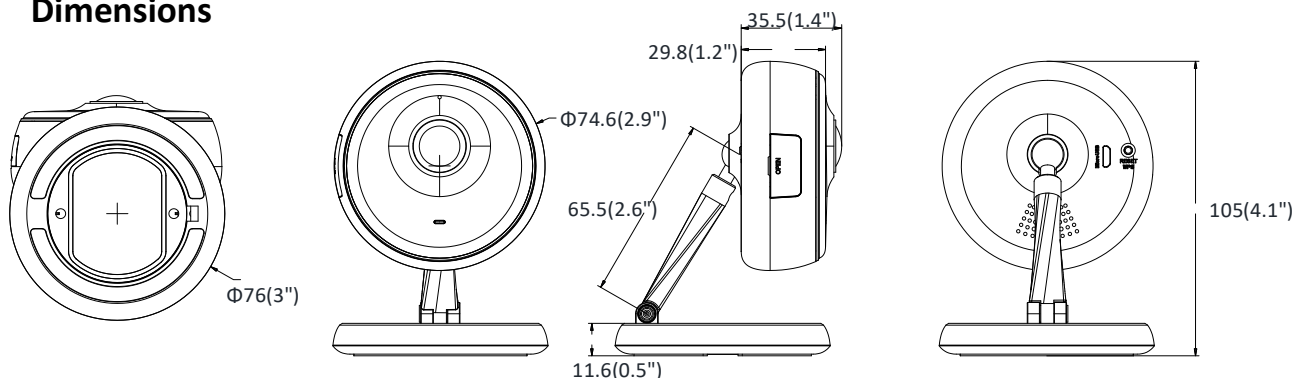
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR, Color: 0.028Lux @ (F2.0, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Day & Night	IR Cut Filter
Digital Noise Reduction	3D DNR
WDR	120dB
3-Axis Adjustment	Pan: 0° to 360°, tilt: -75° to 65°, rotate: 0° to 360°
Lens	
Focal length	1.68 mm
Aperture	F2.0
FOV	Horizontal field of view: 180°, Vertical field of view: 85°
Lens Mount	M12
IR	
IR Range	Up to 10 m
Wavelength	850nm
Compression Standard	
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)
Smart Feature-set	
Region of Interest	Support 1 fixed region for main stream and sub-stream separately
Image	
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
Network	
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
Interface	
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
Wi-Fi	
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
Audio	
Environment Noise Filtering	Yes
Audio Sampling Rate	16 kHz, 32kHz, 44.1kHz, 48kHz
General	
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.)

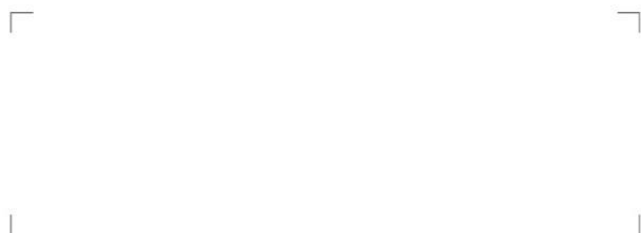
Available Model:

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Dimensions



Distributed by



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