

## DS-2CD2443G0-IW

### 4 MP IR Fixed Cube Network Camera



- High quality imaging with 4 MP resolution
- Efficient H.265+ compression technology
- Clear imaging against strong back light due to 120 dB true WDR technology
- Provides real-time security via built-in two-way audio
- Detects human body through passive infrared is sensitive to body temperature (PIR)
- -W: Wi-Fi connection



## ▪ Specification

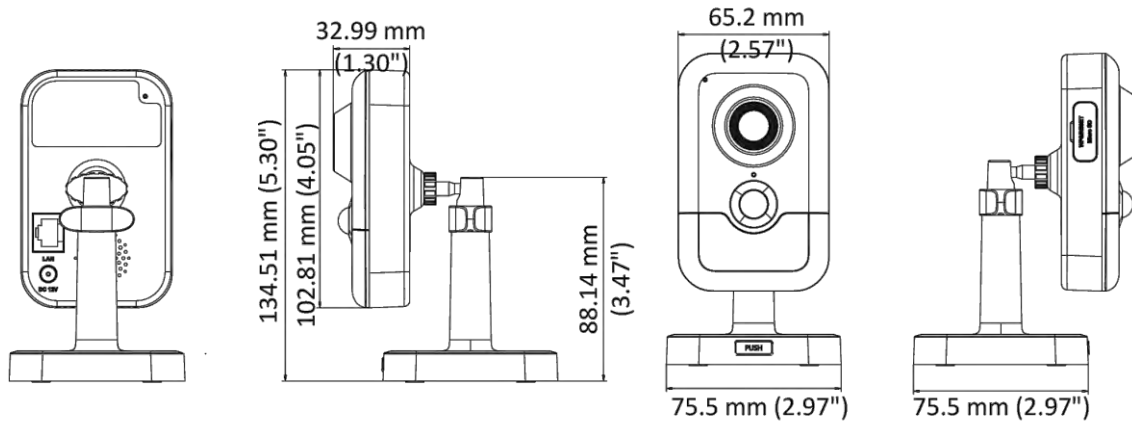
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 lux @(F1.6, AGC ON), 0 lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Day & Night	IR Cut Filter
Wide Dynamic Range	120 dB
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
DNR	3D DNR
Lens	
Lens	2.8/4 mm
Aperture	F1.6
FOV	2.8 mm, horizontal FOV: 98°, vertical FOV: 55°, diagonal FOV: 114° 4 mm, horizontal FOV: 78°, vertical FOV: 42°, diagonal FOV: 93°
Lens Mount	M12
Illuminator	
IR Range	10 m
Wavelength	850 nm
PIR	
PIR Angle	Horizontal: 90°, vertical: 80°
PIR Range	10 m
Video	
Max. Resolution	2688 × 1520
Main Stream	50Hz: 25 fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 30 fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720)
Sub Stream	50Hz: 25 fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30 fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	50Hz: 25 fps (1280 × 720, 640 × 360, 352 × 288) 60Hz: 30 fps (1280 × 720, 640 × 360, 352 × 240)
Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
H.264 Type	Main Profile/High Profile
H.265 Type	Main Profile
Video Bit Rate	32 Kbps to 16 Mbps
SVC	Support H.264 and H.265 encoding
Audio	
Audio Compression	G722.1/G711ulaw/G711alaw/G726/MP2L2/PCM
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-160Kbps(MP2L2)
Environment Noise Filtering	Yes
Audio Sampling Rate	8kHz/16kHz/32kHz/44.1kHz/48kHz
Image	
Image Enhancement	BLC/3D DNR/HLC

Image Setting	Rotate mode, saturation, brightness, contrast, sharpness and white balance adjustable by client software or web browser
Day/Night Switch	Day/Night/Auto/Schedule
<b>Wi-Fi</b>	
Channel Bandwidth	20 M/40 M
Security	WPA, WPA2
Transfer Rate	11b: 11 Mbps 11g: 54 Mbps 11n: up to 150 Mbps
Wireless Range	50 m
Wireless Standards	IEEE 802.11b/g/n
Frequency Range	2.412 GHz to 2.4835 GHz
<b>Network</b>	
Network Storage	Support Micro SD/SDHC/SDXC card (128 GB), local storage and NAS (NFS, SMB/CIFS), ANR
Protocols	802.11b: DQPSK, DBPSK, CCK 802.11g/n: OFDM/64-QAM, 16-QAM, QPSK, BPSK
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
Web Browser	Plug-in required live view: IE8+, Chrome 41.0-44, Firefox 30.0-51, Safari 8.0-11 Plug-in free live view: Chrome 45.0+, Firefox 52.0+
Alarm Trigger	Motion detection, video tampering, network disconnected, IP address conflict, HDD full, HDD error, PIR, illegal login
<b>Interface</b>	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Audio	1 built-in mic, 1 built-in speaker, mono sound
On-board Storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
<b>General</b>	
General Function	One-key reset, anti-flicker, three streams, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Reset	Yes
Startup and Operating Conditions	-10 °C to +40 °C (14 °F to +104 °F), humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.5 A, max. 6 W, Ø5.5 mm coaxial plug power; PoE (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, max. 7 W
Material	Plastic
Dimensions	102.8 mm × 65.2 mm × 32.6 mm (4.1" × 2.6" × 1.3")
Weight	Camera: Approx. 128 g (0.3 lb.)
<b>Compression Standard</b>	
H.264+	Main stream supports
H.265+	Main stream supports
<b>Smart Feature-set</b>	
Face Detection	Yes

## ▪ Available Model

DS-2CD2443G0-IW(2.8 mm, 4 mm)(W)

## ▪ Dimension



Distributed by



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