

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

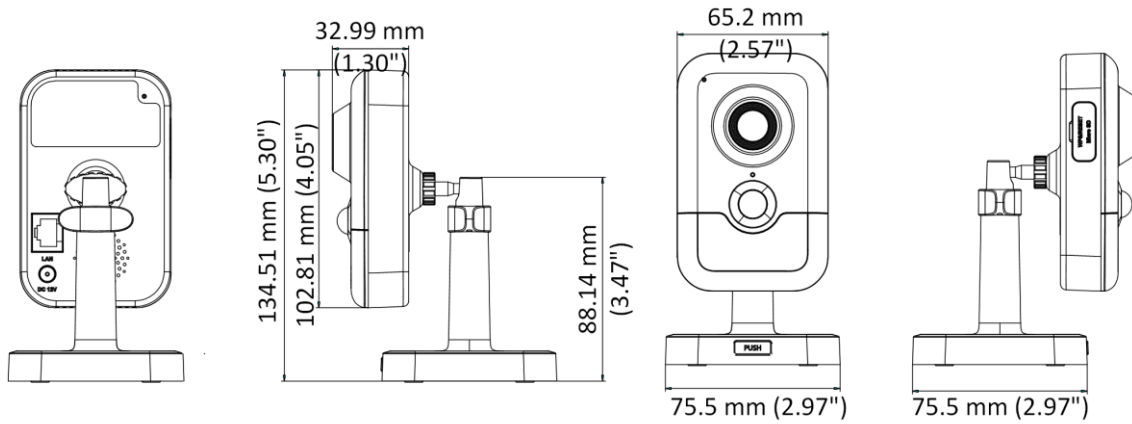
| Camera | |
|-----------------------------|--|
| Image Sensor | 1/3" Progressive Scan CMOS |
| Min. Illumination | Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 lux @(F1.6, AGC ON), 0 lux with IR |
| Shutter Speed | 1/3 s to 1/100,000 s |
| Slow Shutter | Yes |
| Day & Night | IR Cut Filter |
| Wide Dynamic 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 |
| Wi-Fi | |
| 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 |
| Network | |
| 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 |
| Interface | |
| 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 |
| General | |
| 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.) |
| Compression Standard | |
| H.264+ | Main stream supports |
| H.265+ | Main stream supports |
| Smart Feature-set | |
| Face Detection | Yes |

▪ Available Model

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

▪ Dimension



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