

## DS-2CD2443G0-I(W) 4 MP IR Fixed Cube Network Camera



### Key Features

- 2688 × 1520 @ 30fps
- IR: up to 10 m
- PIR: 10 m
- H.265+, H.265, H.264+, H.264
- 120dB WDR
- Built-in MicroSD/SDHC/SDXC slot, up to 128G
- PoE
- BLC/3D DNR/HLC/ROI
- Wi-Fi (Optional)
- Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 lux @ (F1.6, AGC ON), 0 lux with IR



## Specifications

| <b>Camera</b>               |   |
|-----------------------------|---|
| 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   |
| Digital Noise Reduction     | 3D DNR  |
| WDR                         | 120dB   |
| 3-Axis Adjustment           | Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°  |
| <b>Lens</b>                 |   |
| Focal length                | 2.8/4 mm  |
| Aperture                    | F1.6  |
| FOV                         | 2.8 mm, horizontal FOV: 98°, vertical FOV: 55°, diagonal FOV: 114°<br>4 mm, horizontal FOV: 78°, vertical FOV: 42°, diagonal FOV: 93°   |
| Lens Mount                  | M12   |
| <b>IR</b>                   |   |
| IR Range                    | 10 m  |
| Wavelength                  | 850nm   |
| <b>PIR</b>                  |   |
| Angle                       | Horizontal: 90°, Vertical: 80°  |
| PIR Range                   | 10 m  |
| <b>Compression Standard</b> |   |
| Video Compression           | Main stream: H.265/H.264<br>Sub-stream: H.265/H.264/MJPEG<br>Third stream: H.265/H.264  |
| H.264 Type                  | Main Profile/High Profile   |
| H.264+                      | Main stream supports  |
| H.265 Type                  | Main Profile  |
| H.265+                      | Main stream supports  |
| Video Bit Rate              | 32 Kbps to 16 Mbps  |
| 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)   |
| <b>Smart Feature-set</b>    |   |
| Smart Event                 | Line crossing detection, intrusion detection, face detection  |
| Basic Event                 | Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)  |
| Linkage Method              | Trigger recording: memory card, network storage, pre-record and post-record<br>Trigger captured pictures uploading: FTP, HTTP, NAS, Email<br>Trigger notification: HTTP, ISAPI, Email |
| Region of Interest          | Support 1 fixed region for main stream and sub-stream separately  |
| <b>Image</b>                |   |
| Max. Resolution             | 2688 × 1520   |
| Main Stream                 | 50Hz: 25fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720)<br>60Hz: 30fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720)                          |

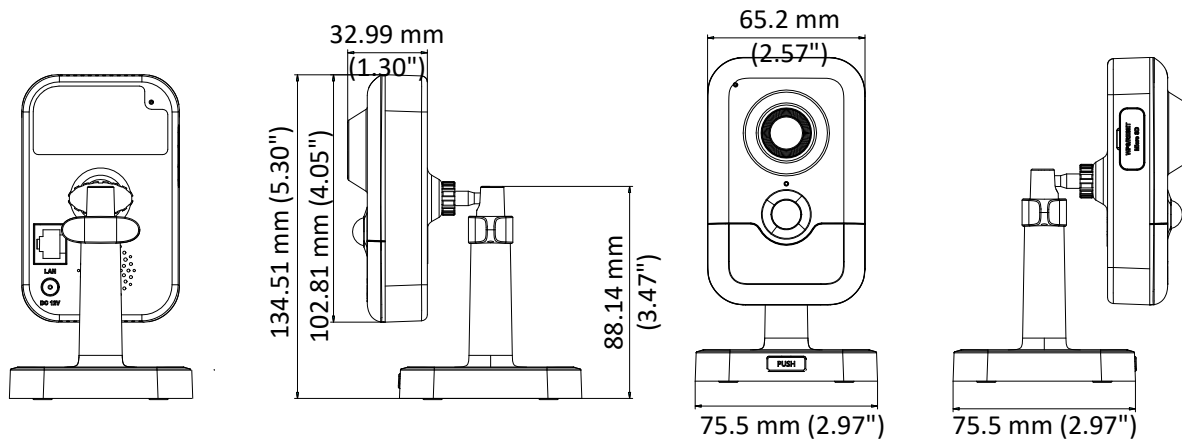
|                             |   |
|-----------------------------|---|
| Sub-Stream                  | 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240)<br>60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)  |
| Third Stream                | 50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288)<br>60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240)  |
| Image Setting               | Rotate mode, saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable by client software or web browser   |
| Image Enhancement           | BLC/3D DNR/HLC  |
| Day/Night Switch            | Day/Night/Auto/Schedule   |
| <b>Network</b>              |   |
| Network Storage             | Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR   |
| Protocols                   | TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS   |
| General Function            | Anti-flicker, three streams, heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, HTTP listening   |
| Security                    | Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS 1.2, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, TLS1.2 |
| API                         | ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, Ehome  |
| 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, Hik-Central   |
| Web Browser                 | Plug-in required live view: IE8+<br>Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+<br>Local Service: Chrome 41.0+, Firefox 30.0+   |
| <b>Interface</b>            |   |
| Audio                       | 1 built-in mic, 1 built-in speaker, mono sound  |
| Communication Interface     | 1 RJ45 10M/100M self-adaptive Ethernet port   |
| On-board storage            | Built-in Micro SD/SDHC/SDXC slot, up to 128G  |
| SVC                         | Support H.264 and H.265 encoding  |
| Reset Button                | Yes   |
| <b>Wi-Fi (-W)</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              | 50 m  |
| <b>Audio</b>                |   |
| Environment Noise Filtering | Yes   |
| Audio Sampling Rate         | 8kHz/16kHz/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)  |
| Web Client Language         | 32 languages<br>English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian,                                       |

|                               |  |
|-------------------------------|--|
|                               | Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) |
| Power Supply                  | 12 VDC $\pm$ 25%, PoE (802.3af, class 3)   |
| Power Consumption and Current | 12 VDC, 0.5 A, max. 6 W, $\Phi$ 5.5 mm coaxial plug power<br>PoE (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, max. 7 W             |
| Material                      | Plastic  |
| Dimensions                    | 102.8 mm $\times$ 65.2 mm $\times$ 32.6 mm (4.1" $\times$ 2.6" $\times$ 1.3")  |
| Weight                        | Camera: Approx. 128 g (0.3 lb.)  |

### Available Model

DS-2CD2443G0-I (2.8/4 mm), DS-2CD2443G0-IW (2.8/4 mm)

**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  
sateru@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