

## DS-2CD5AC5G0-IZ(H)S 12 MP IR VF Bullet Network Camera



- 1/1.7" Progressive Scan CMOS
- 4000 × 3000 @ 20fps
- 2.8 to 12 mm motor-driven lens
- Color: 0.008 Lux @ (F1.2, AGC ON)
- H.265, H.265+, H.264, H.264+
- Digital WDR
- 3D DNR
- IR range up to 50 m
- Five defined streams and up to five custom streams
- 6 behavior analyses, 2 exception detection, and face detection
- Built-in microSD/SDHC/SDXC card slot, up to 256 GB
- Alarm I/O
- IP67, IK10



## Specifications

<b>Camera</b>	
Image Sensor	1/1.7" Progressive Scan CMOS
Min. Illumination	Color: 0.008 Lux @ (F1.2, AGC ON), 0 Lux with IR
Shutter Speed	1 s to 1/100,000 s
Slow Shutter	Yes
Day & Night	IR Cut Filter
Digital Noise Reduction	3D DNR
WDR	Digital WDR
Angle Adjustment	pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°
<b>Lens</b>	
Focal length	2.8 to 12 mm
Aperture	F1.2
Focus	Auto, semi-auto, manual
FOV	2.8 to 12 mm, horizontal FOV 101° to 36.1°, vertical FOV 72° to 27.2°, diagonal FOV 130° to 45.2°
Lens Mount	Integrated
<b>IR</b>	
IR Range	up to 50 m
Wavelength	850 nm
<b>Compression Standard</b>	
Video Compression	Main stream: H.265/H.264/H.265+/H.264+ Sub stream/third stream/fourth stream/fifth stream/custom stream: H.265/H.264/MJPEG
H.264 Type	Baseline Profile/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
<b>Smart Feature-set</b>	
Behavior Analysis	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Exception Detection	Scene change detection, defocus detection
Statistics	Counting
Face Detection	Yes
Region of Interest	4 fixed regions for main stream, sub stream, third stream, fourth stream, and fifth stream, and dynamic face tracking
<b>Image</b>	
Max. Resolution	4000 × 3000
Main Stream	50Hz: 20fps(4000 × 3000), 25fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20fps(4000 × 3000), 30fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)
Sub Stream	50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480)

Third Stream	50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
Fourth Stream	50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
Fifth Stream	50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480)
Custom Stream	50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) Up to five custom streams are supported
Image Enhancement	BLC, HLC, 3D DNR, Defog, EIS, Lens Distortion Correction
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable by client software or web browser
Target Cropping	Yes
SVC	H.264 and H.265 encoding
Day/Night Switch	Day/Night/Auto/Schedule/Triggered by Alarm In
Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24bit bmp format
<b>Network</b>	
Network Storage	microSD/SDHC/SDXC card (256 GB), local storage and NAS (NFS,SMB/CIFS), ANR
Alarm Trigger	Motion detection, video tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
Security Measures	Password protection, HTTPS encryption, IEEE 802.1x port-based network access control, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF
General Function	One-key reset, anti-flicker, 5 streams and up to 5 custom streams, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users. 3 user levels: administrator, operator and user
Client	iVMS-4200, iVMS-5200, Hik-Connect, Hik-Central
Web Browser	IE8+, Mozilla Firefox 30.0+, Google Chrome 31.0+, Safari 8.0+ Plug-in free live view supported
<b>Interface</b>	
Audio	No
Communication Interface	1 RJ45 10M/100M/1000M Ethernet port
Alarm	2 inputs, 2 outputs (up to 12 VDC 1A or 10 VAC 500 mA)
Video Output	1Vp-p composite output (75 Ω/CVBS)
On-board storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Reset Button	Yes
<b>Audio</b>	
Environment Noise Filtering	No
Audio Sampling Rate	No
<b>General</b>	
Firmware Version	5.5.60
Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F), -H: -40 °C to 60 °C (-40 °F to 140 °F) Humidity 95% or less (non-condensing)

Power Supply	12 VDC $\pm$ 20%, two-core terminal block PoE (802.3at, class 4)
Power Consumption and Current	-IZS: 12 VDC, 1.0 A, max. 11 W; PoE (802.3at, 42.5 V to 57 V), 0.4 A to 0.2 A -IZHS: 12 VDC, 1.3 A, max. 13.5 W; PoE (802.3at, 42.5 V to 57 V), 0.4 A to 0.3 A
Protection Level	IP67, IK10
Heater	-H: Yes
Material	Aluminum alloy
Dimensions	Camera: $\Phi$ 144 $\times$ 347 mm ( $\Phi$ 5.7" $\times$ 13.7") With package: 405 $\times$ 190 $\times$ 180 mm (15.9" $\times$ 7.5" $\times$ 7.1")
Weight	Camera: approx. 2.45 kg (5.40 lb.) With package: approx. 2.7 kg (5.95 lb.)

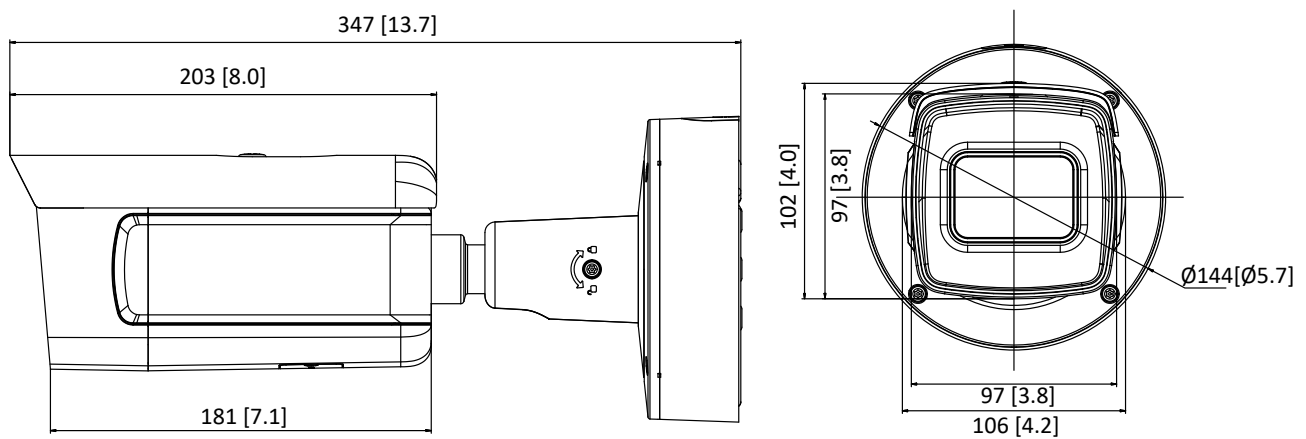
\* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

## Available Model

DS-2CD5AC5G0-IZS (2.8-12mm), DS-2CD5AC5G0-IZHS (2.8-12mm)

\*-H: Heater supported

## Dimension



Unit: mm[inch]

## Accessory

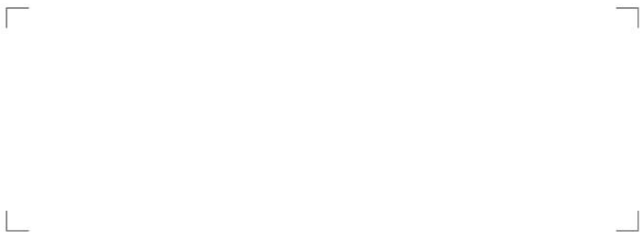


**DS-1475ZJ-SUS**  
Vertical Pole Mount



**DS-1476ZJ-SUS**  
Corner Mount

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