

## DS-2CD2143G0-IS (B) version 4.0 MP IR Network Dome Camera



2.8 mm Fixed Focal Lens



Non 2.8 mm Fixed Focal Lens



### Key Features

- 1/3" progressive scan CMOS
- 2560 × 1440@25fps
- 2.8 mm/3.6 mm/6 mm fixed lens
- H.265, H.264
- Three streams
- 120dB WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- PoE (Power over Ethernet)
- IP67, IK10
- Support PAL/NTSC



## Specification

<b>Camera Model</b>	
<b>DS-2CD2143G0-IS</b>	
Image Sensor	1/3" progressive scan CMOS
Min. Illumination	Color: 0.01 Lux @(F1.2, AGC ON), 0.028Lux @ (F2.0, AGC ON)
Shutter Speed	1/3 s to 1/100, 000 s
Slow Shutter	Yes
Auto-Iris	No
Day &Night	IR cut filter
Digital Noise Reduction	3D DNR
WDR	120dB WDR
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 70°
Signal to Noise Ratio	50 dB
<b>Lens</b>	
Focal length	2.8 mm, 3.6 mm, 6 mm
Aperture	F1.2
Focus	Fixed
FOV	2.8 mm, horizontal FOV 100°, vertical FOV 55°, diagonal FOV 117° 3.6 mm, horizontal FOV 77°, vertical FOV 42°, diagonal FOV 88° 6 mm, horizontal FOV 51°, vertical FOV 28°, diagonal FOV 58°
Lens Mount	M12
<b>IR</b>	
IR Range	Up to 30 m
Wavelength	850 nm
IR Life	40000 Hours
<b>Compression Standard</b>	
Video Compression	Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
Video Bit Rate	32 Kbps to 8 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)
<b>Image</b>	
Max. Resolution	2560 × 1440
Main Stream Max. Frame Rate	25fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Sub-Stream	15fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)
Third Stream	Support
Image Enhancement	BLC,HLC, 3D DNR
Image Setting	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser, Support Export/Import Configurations File
Day/Night Switch	Auto, scheduled
<b>Network</b>	
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, 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, IPv4, UDP, Bonjour
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
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
Web Browser	IIE7+, Chrome18-42, Firefox5.0+, Safari5.02+
<b>Interface</b>	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Audio	1 input (line in/mic.in), 1 output (line out), terminal block, mono sound
Alarm	1 input, 1 output (up to 12 VDC, 30 mA), terminal block
Reset Button	Yes
<b>General</b>	
Operating Conditions	-30 °C to 50 °C (-22 °F to 122 °F), humidity: 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, 5.5 mm coaxial power plug PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.4 A, Max: 5 W PoE: (802.3af, 37 V to 57 V), 0.2 A to 0.13 A, Max: 7 W
Ingress Protection	IP67, IK10 TVS 2000V lightning protection, surge protection and voltage transient protection
Material	Metal Body
Certificates	CE, FCC, RoHS, UL
Dimensions	Camera: Ø 111 mm × 82.4 mm ( 4.4" × 3.2") With package: 134 mm × 134 mm × 108 mm (5.3" × 5.3" × 4.3")
Weight	Camera: Approx. 410 g (0.9 lb.) With package: Approx. 610 g (1.3 lb.)

## Order Models

- DS-2CD2143G0-IS , POE, (B) version