

DS-2CD3743G1-IZ(S) 4 MP IR Varifocal Dome Network Camera



Key Features

1/3" Progressive Scan CMOS
2688 × 1520 @30fps
2.7 to 13.5 mm varifocal lens
Color: 0.01 Lux @ (F1.2, AGC ON),
0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR
H.265+, H.265, H.264+, H.264
Three streams
120dB WDR

BLC/3D DNR/ROI/HLC
IP67, IK10
Built-in micro SD/SDHC/SDXC card slot,
up to 128 GB
3-Axis adjustment
Metadata of intrusion detection, line
crossing detection, unattended baggage
detection, and object removal are
supported.



Specifications

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
Digital Noise Reduction	3D DNR
WDR	120dB
3-Axis Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Lens	
Focal length	2.7 to 13.5 mm
Aperture	F1.6
Focus	Auto
Auto-Iris	DC drive
FOV	Horizontal FOV: 106° to 27°, vertical FOV: 56° to 16°, diagonal FOV: 128° to 31°
Lens Mount	Φ14
IR	
IR Range	Up to 40 m
Wavelength	850nm
Compression Standard	
Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264/MJPEG
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
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Smart Feature-set	
Smart Event	Line crossing detection, 1 line configurable Intrusion detection, up to 1 region configurable Unattended baggage detection, 1 region configurable Object removal detection, 1 region configurable Face detection: detects faces Scene change 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 Trigger captured pictures uploading: FTP, HTTP, NAS, Email Trigger notification: HTTP, ISAPI, alarm output (-S), Email
Region of Interest	Support 5 fixed regions for main stream and sub-stream
Image	
Max. Resolution	2688 × 1520
Main Stream	50Hz:25fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280×720)

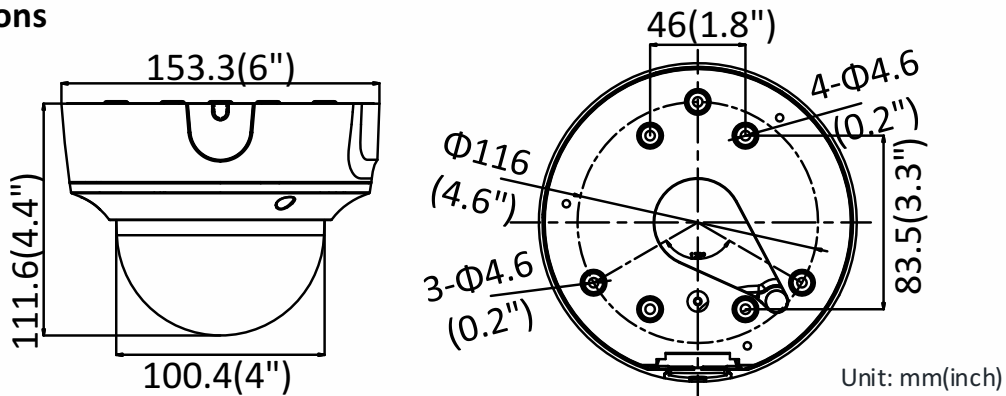
	60Hz: 30fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280×720)
Sub-Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288) 60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240)
Image Enhancement	BLC/3D DNR/HLC
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable by client software or web browser
Target Cropping	Yes
Day/Night Switch	Day/Night/Auto/Schedule/Triggered by alarm in (-S)
Network	
Network Storage	MicroSD/SDHC/SDXC card (128 GB), local storage and NAS (NFS,SMB/CIFS), ANR Together with high-end Hikvision memory card, memory card encryption and health detection are supported.
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, SSL/TLS
General Function	Anti-flicker, three streams, heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, HTTP listening
API	ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, Ehome
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
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
Client	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	Plug-in required live view: IE8+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local Service: Chrome 41.0+, Firefox 30.0+
Interface	
Audio (-S)	1 input (line in/mic.in, 3.5 mm), 1 output (line out, 3.5 mm), mono sound
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Alarm (-S)	1 input, 1 output (max. 12 VDC, 30 mA), terminal block
Video Output	1Vp-p Composite Output(75Ω/BNC) (For adjustment only)
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
Reset Button	Yes
Audio(-S)	
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Audio Compression	G722.1/G.711/G726/MP2L2/PCM/MP3
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8Kbps-320Kbps(MP3)
General	
Firmware Version	V5.6.0
Web Client Language	32 languages 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)
Operating Conditions	-30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)

Power Supply	12 VDC \pm 25%, terminal block PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.8A, max. 10W PoE (802.3af, 36V to 57V), 0.35A to 0.2A, max. 12W
Protection Level	IP67, IK10
Material	Metal
Dimensions	Camera: Φ 153.3 \times 111.6mm (Φ 6" \times 4.4")
Weight	Camera: Approx. 835g (1.8 lb.) With Package: Approx. 1305g (2.9 lb.)

Available Model:

DS-2CD3743G1-IZ (2.7 to 13.5 mm), DS-2CD3743G1-IZS (2.7 to 13.5 mm)

Dimensions



Accessories



DS-1471ZJ-155
Pendant Mount



DS-1473ZJ-155
Wall Mount



DS-1475ZJ-SUS
Vertical Pole Mount



DS-1476ZJ-SUS
Corner Mount



DS-1280ZJ-DM55
Junction Box

Distributed by

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