DS-2CD1743G0-IZS/UK
4.0 MP VF Network Dome Camera

Key Features

- 1/3" progressive scan CMOS
- 2560 × 1440@30fps
- 2.7 mm to 13.5 mm manual/motorized (with -Z) vari-focal lens
- H.265+, H.265, H.264+, H.264
- Triple stream
- 120 dB WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 50 m IR range
- PoE (Power over Ethernet)
- IP67,IK10

Specification

Camera	
Image Sensor	1/3" progressive scan CMOS
Min. Illumination	Color: 0.01 Lux @(F1.2, AGC ON), 0.018Lux @ (F1.6, AGC ON)
Shutter Speed	1/3 s to 1/100, 000 s, support slow shutter
Slow Shutter	Yes
Auto-Iris	No
Day &Night	IR cut filter
Digital Noise Reduction	3D DNR
WDR	120 dB
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 70°, rotation: 0° to 360°
Lens	
Focal Length	2.7 to 13.5 mm
Aperture	F1.6
Focus	Auto
FOV	Horizontal field of view: 98° to 28° Vertical field of view: 51° to 16° Diagonal field of view: 115° to 32°
Lens Mount	Φ14
IR	
IR Range	Up to 50 m
Wavelength	850 nm
Compression Standard	
Video Compression	Main stream: H.265/H.264 Sub stream/Third 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 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)
Smart Feature-set	
Region of Interest	1 fixed region for main stream and sub-stream
Behavior Analysis	Line crossing detection, intrusion detection,
Exception Detection	audio exception detection
Face Detection	Yes
Image	
Max. Resolution	2560 × 1440
Main Stream Max. Frame Rate	50Hz: 30fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Sub-stream Max. Frame Rate	50Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Third steam Max. Frame Rate	50Hz: 1080P@1fps 60Hz: 1080P@1fps
Image Enhancement	BLC, 3D DNR,HLC
Image Setting	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser

Day/Night Switch	Auto, scheduled
Network	
Network Storage	Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR
Alarm Trigger	Motion detection, video tampering alarm, network disconnected, IP address conflicted, illegal login
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
General Function	One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Firmware Version	5.5.3
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	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Audio	1 input (line in/mic in), 1 output (line out), mono
Alarm	1-ch input, 1-ch output (up to 12 VDC 1A or 10 VAC 500 mA)
Video Output	1Vp-p composite output (75 Ω/BNC)
Reset Button	Yes
Audio	
Environment Noise Filtering	Support
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
General	
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, 0.8 A, Max: 10 W; PoE: (802.3af, 36 V to 57 V), 0.35 A to 0.2 A, Max: 12 W
Protection Level	IP67, IK10 TVS 2000V lightning protection, surge protection and voltage transient protection
Material	Metal & Plastic
Dimensions	Camera: Φ 141 mm × 99.9 mm (5.6" × 3.9") With package: 140 mm × 140 mm × 154 mm (5.5" × 5.5" × 6.1")
Weight	Camera: approx. 820 g (1.8 lb.) With package: approx. 1200 g (2.6 lb.)

Available Models

DS-2CD1743G0-IZS/UK (2.7 mm to 13.5 mm)