DS-2CD2723G1-IZS

2 MP Outdoor IR Varifocal Dome Camera



The Hikvision DS-2CD2723G1-IZS Outdoor IR Varifocal Dome Camera provides high definition network output. It supports H.265+ video compression, which assures savings in bandwidth and storage.

The camera is equipped with a 2.8 mm to 12 mm motorized varifocal lens and offers an EXIR 2.0 range of up to 100 ft (30 m).

Smart features such as line crossing and intrustion detection are supported.

- 1/2.8" (2 MP) Progressive Scan CMOS
- 1920 x 1080 Resolution @ 30 fps
- Up to 100 ft (30 m) EXIR 2.0 Range
- 2.8 to 12 mm Motorized Varifocal Lens
- H.265+, H.265, H.264+, H.264
- 120 dB WDR
- MicroSD Card Slot Supports 128 GB
- IP67, IK10 Protection
- Durable Metal Housing
- 12 VDC and PoE (802.3af)

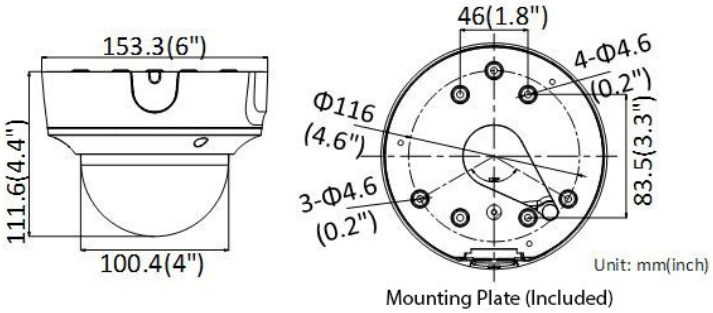
Available models:
DS-2CD2723G1-IZS

Specifications

	DS-2CD2723G1-IZS
Camera	
Image Sensor	1/2.8" progressive scan CMOS
Minimum Illumination	Color: 0.018 lux @ (ƒ/1.6, AGC on), 0 lux with IR
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	120 dB
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Lens	
Focal Length	2.8 to 12 mm motorized varifocal lens
Aperture	ƒ/1.6
Focus	Auto
FOV	Horizontal FOV: 110° to 31°, vertical FOV: 58° to 18°, diagonal FOV: 136° to 36°
Lens Mount	Ø14
IR	
IR Range	Up to 100 ft (30 m)
Wavelength	850 nm
Compression Standard	
Video Compression	Main stream: H.265+/H.265/H.264+/H.264, sub-stream: H.265+/H.265/H.264+/H.264/MJPEG, third stream: H.265+/H.265/H.264+/H.264
H.265 Type	Main/high profile
H.265+	Main stream and sub-stream support
Video Bit Rate	256 Kbps to 16 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64 kbps (G.711)/16 kbps (G.722.1)/16 kbps (G.726)/32 to 192 kbps (MP2L2)
Smart Features	
Behavior Analysis	Line crossing detection, intrusion detection
Exception Detection	Yes
Region of Interest	One fixed region for main stream and sub-stream
Image	
Maximum Resolution	1920 x 1080
Main Stream	30 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub Stream	30 fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	30 fps (1920 × 1080, 1280 × 720, 640 × 360, 352 × 240)
Image Enhancement	BLC/3D DNR
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable by client software or web browser
Target Cropping	No
Day/Night Switching	Day/night/auto/schedule/triggered by alarm in
Network	
Network Storage	MicroSD/SDHC/SDXC card (128 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
General Function	One-key reset, anti-flicker, 5 streams and up to 5 custom streams, heartbeat, password protection, privacy mask, watermark, and IP address filtering
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users. 3 user levels: administrator, operator and user
Client	iVMS-4200, Hik-Connect
Web Browser	IE 8+, Chrome 31.0 to 44, Firefox 30.0 to 51, Safari 8.0+
Interface	
Audio	1 input (line in/mic.in, screw terminals), 1 output (line out, screw terminals), mono sound
Communication Interface	1-port RJ-45 10M/100M self-adaptive Ethernet port
Alarm	1 input, 1 output (up to 12 VDC, 30 mA), terminal block
Video Output	1 Vp-p Composite Output(75Ω/BNC)
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
SVC	H.264 and H.265 encoding
Reset Button	Yes
Audio	
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
General	
Operating Conditions	-22° to 140° F (-30° to 60° C); humidity 95% or less (non-condensing)
Power Supply	12 VDC, terminal block, PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.8 A, maximum 10 W; PoE (802.3af, 37 V to 57 V), 0.35 A to 0.2 A, maximum 12 W
Protection Level	IP67, IK10
Material	Metal
Dimensions	Ø6.0" x 4.4" (Ø153.3 mm x 133.1 mm)
Weight	1.80 lbs (0.84 kg)

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Rev. 112519NA

Dimensions



Accessories (Not Included)

					
WML Wall Mount Long	**CPM** Ceiling Pendant Mount	**PC155** 155 mm Pendant Cap	**PM1** Pole Mount	**CM1** Corner Mount	**CB155** Junction Box

Box Contents (Subject to Change without Notice)

CVBS Connector
Microfiber Cloth
Quick Start Guide
Mounting Plate (Stainless Steel)
Screws
Watertight Cable Connector
Wrench

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