

DS-2CD2743G1-IZS(B)

4 MP Outdoor IR Varifocal Dome Camera



- 1/3" (4 MP) Progressive Scan CMOS
- 2688 x 1520 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 True WDR
- MicroSD Card Slot Supports 128 GB
- IP67, IK10 Protection
- Durable Metal Housing
- 12 VDC and PoE (802.3af)

The Hikvision DS-2CD2743G1-IZS(B) 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 intrusion detection are supported.

Available models:

DS-2CD2743G1-IZS: Hikvision white

DS-2CD2743G1-IZSB: Black



Specifications

DS-2CD2743G1-IZS(B)

Camera

Image Sensor	1/3" progressive scan CMOS
Minimum Illumination	Color: 0.018 lux @ (f/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 mm to 12 mm motorized varifocal lens
Aperture	f/1.6
Focus	Auto
FOV	Horizontal FOV: 104° to 29°, vertical FOV: 55° to 17°, diagonal FOV: 125° to 34°
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.264 Type	Main profile/high profile
H.264+	Main stream and sub-stream support
H.265 Type	Main profile/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
Face Detection	Yes
Region of Interest	One fixed region for main stream and sub-stream

Image

Maximum Resolution	2688 × 1520
Main Stream	30 fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080)
Sub Stream	30 fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	30 fps (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, 3.5 mm), 1 output (line out, 3.5 mm), mono sound
Communication Interface	1-port RJ45 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(75 Ω/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	Yes
Filtering	
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 ±25%, 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, TVS 2000V lightning protection, surge protection, and voltage transient protection
Material	Metal

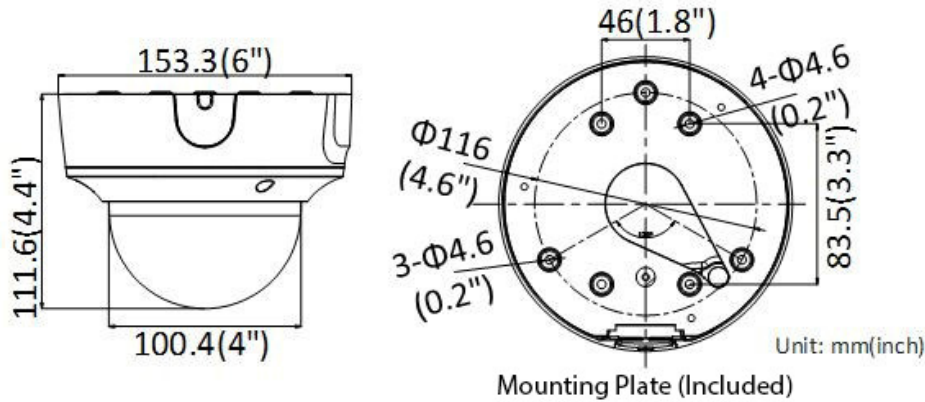
Dimensions $\varnothing 6.0" \times 5.2" (\varnothing 153.4 \text{ mm} \times 133.1 \text{ mm})$
 Weight 2.90 lbs (1.33 kg)

Accessories¹

NOT INCLUDED					
					
WML Wall Mount Long	CPM Ceiling Pendant Mount	PC155 155 mm Pendant Cap	CB155 Junction Box	PM1 Pole Mount	CM1 Corner Mount

NOT INCLUDED			
			
WMLB Wall Mount Long	WMSB Wall Mount Short	PC155B 155 mm Pendant Cap	CB155B Junction Box

Dimensions



¹ Additional accessories not shown may fit without, or in combination with, these accessories. See your sales representative for information about your needs.