

## DS-2CD2783G1-IZS(B)

### 8 MP Outdoor IR Varifocal Dome Camera



- 1/2.5" (8 MP) Progressive Scan CMOS
- 3840 x 2160 Resolution @ 15 fps
- Up to 100 ft (30 m) EXIR 2.0 IR Range
- 2.8 mm 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-2CD2783G1-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 IR range of up to 100 ft (30 m).

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

#### Available models:

DS-2CD2783G1-IZS: Hikvision white











DS-2CD2783G1-IZS(B): Black



# Specifications

<b>DS-2CD2783G1-IZS(B)</b>	
<b>Camera</b>	
Image Sensor	1/2.5" 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°
<b>Lens</b>	
Focal Length	2.8 mm to 12 mm motorized varifocal lens
Aperture	f/1.6
Focus	Auto
FOV	Horizontal FOV: 105° to 34.5°, vertical FOV: 55° to 19°, diagonal FOV: 125° to 40°
Lens Mount	Ø14
<b>IR</b>	
IR Range	Up to 100 ft (30 m)
Wavelength	850 nm
<b>Compression Standard</b>	
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 support
H.265 Type	Main profile
H.265+	Main stream support
Video Bit Rate	256 Kbps to 16 Mbps
<b>Smart Features</b>	
Behavior Analysis	Line crossing detection, intrusion detection
Exception Detection	Yes
Region of Interest	One fixed region for main stream and sub-stream
<b>Image</b>	
Maximum Resolution	3840 × 2160
Main Stream	15 fps (3840 × 2160), 20 fps (3072 × 1728), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
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	Saturation, brightness, contrast, sharpness and white balance adjustable by client software or Web browser
Target Cropping	No
Day/Night Switching	Day/night/auto/schedule/triggered by alarm in
<b>Network</b>	
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	Plug-in required live view: IE8+, Chrome 41.0 to 44, Firefox 30.0 to 51, Safari 8.0 to 11 Plug-in free live view: Chrome 45.0+, Firefox 52.0+
<b>Interface</b>	
Audio	1 input (line in), 1 output (line out), mono sound, terminal block
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 (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
<b>Audio</b>	
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
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)
<b>General</b>	
Operating Conditions	-22° to 140° F (-30° to 60° C); humidity 95% or less (non-condensing)
Power Supply	12 VDC ±25%, Ø5.5 mm coaxial power plug, PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.8 A, maximum 10 W; PoE (802.3af, 36 V to 57 V), 0.4 A to 0.2 A, maximum 12 W
Protection Level	IP67, IK10
Material	Metal
Dimensions	Ø6.0" x 4.4" (Ø153.3 mm x 111.6 mm)
Weight	2.90 lbs (1.33 kg)

## Accessories (not included)

					
<b>WML</b> Wall Mount Long	<b>CPM</b> Ceiling Pendant Mount	<b>PC155</b> 155 mm Pendant Cap	<b>CB155</b> Junction Box	<b>PM</b> Pole Mount	<b>CM</b> Corner Mount
					
<b>WMLB</b> Wall Mount Short	<b>WMSB</b> Wall Mount Short	<b>PC155B</b> Pendant Cap	<b>CB155B</b> Junction Box		

## Dimensions

