

## DS-2CD2643G1-IZS

### 4 MP Outdoor IR Varifocal Bullet Camera



The Hikvision DS-2CD2643G1-IZS Outdoor IR Varifocal Bullet 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 to 12 mm motorized varifocal lens, and offers an IR range of up to 100 ft (30 m).

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

- 1/3" (4 MP) Progressive Scan CMOS
- 2688 x 1520 Resolution @ 30 fps
- EXIR 2.0 Range Up to 100 ft (30 m)
- 2.8 to 12 mm Motorized Varifocal Lens
- H.265+, H.265, H.264+, H.264
- 120dB True WDR
- MicroSD Card Slot Supports 128 GB
- IP67, IK10 Protection
- Durable Metal Housing
- 12 VDC and PoE+ (802.3at)

**Available models:**  
DS-2CD2643G1-IZS



# Specifications

## DS-2CD2643G1-IZS

### 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	120dB
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°

### Lens

Focal Length	2.8 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 165 ft (50 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
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	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(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

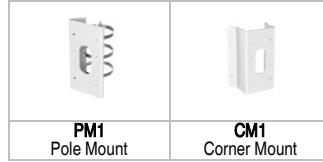
### Audio

Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz

### General

Operating Conditions	-22° F to 140° F (-30° C 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 (802.3at, 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	Ø 5.7" × 13.1" (Ø 144.13 mm × 332.73 mm)
Weight	5.80 lbs (2.61 kg)

# Accessories



# Dimensions

