

DS-2CD2523G0-IS

2 MP Outdoor EXIR Fixed Mini Dome Camera



- 1/2.7" (2 MP) Progressive Scan CMOS
- 1920 x 1080 Resolution @ 30 fps
- EXIR 2.0 Range Up to 35 ft (10 m)
- 2.8 mm and 4 mm Fixed Lens Options
- H.265+, H.265, H.264+, H.264
- 120dB True WDR
- MicroSD Card Slot Supports 128 GB
- IP66, IK08 Protection
- 12 VDC and PoE (802.3af)

The Hikvision DS-2CD2523G0-IS Outdoor EXIR Fixed Mini Dome Camera provides high definition output. It supports H.265+ video compression, which assures savings in bandwidth and storage.

The camera is equipped with a 2.8 mm and 4 mm fixed lens options, and offers an EXIR 2.0 range of up to 35 ft (10 m).

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

Available models:

DS-2CD2523G0-IS:
2.8 mm and 4 mm lenses



Specifications

DS-2CD252360-IS

Camera

Image Sensor	1/2.7" Progressive Scan CMOS
Minimum Illumination	Color: 0.028 lux @ (f/2.0, 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: -30° to +30°, tilt: 0° to 75°, rotate: 0° to 360°

Lens

Focal Length	2.8 mm and 4 mm fixed lens options
Aperture	f/2.0
Focus	Manual
FOV	2.8 mm: horizontal field of view: 114°, vertical field of view: 62°, diagonal field of view: 135° 4 mm: horizontal field of view: 86°, vertical field of view: 46°, diagonal field of view: 102°
Lens Mount	M12

IR

IR Range	Up to 35 ft (10 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 supported
H.265 Type	Main Profile
H.265+	Main stream and sub-stream supported
Video Bit Rate	256 Kbps to 16 Mbps
Audio Compression	G722.1/G711ulaw/G711alaw/G726/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 x 1080, 1280 x 960, 1280 x 720)
Sub Stream	30 fps (640 x 480, 640 x 360, 320 x 240)
Third Stream	30 fps (1920 x 1080, 1280 x 720, 640 x 360, 352 x 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
Day/Night Switching	Auto/schedule/day/night/triggered by alarm in

Network

Network Storage	MicroSD/SDHC/SDXC card (128 GB), local storage, NAS (NFS/SMB/CIFS), and 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, QoS, IPv6
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	2 inputs: line in (3.5 mm) and mic in (built-in microphone), 1 output: line out (3.5 mm), mono sound
Alarm	1 input: alarm in (3.5mm), 1 output: alarm out (3.5mm)
Communication Interface	1-port RJ-45 10M/100M self-adaptive Ethernet port
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
SVC	H.264 and H.265 encoding

General

Operating Conditions	-22° F to 140° F (-30° C to 60° C); humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, Ø 5.5 mm coaxial power plug, PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.7 A, maximum 8.5 W; PoE (802.3af, 36 V to 57 V), 0.3 A to 0.1 A, maximum 10 W
Protection Level	IK08, IP66
Material	Front cover: plastic, bottom base: metal
Dimensions	Ø 4.3" x 2.2" (Ø 110 mm x 56.4 mm)
Weight	0.90 lbs (0.40 kg)

Accessories



Dimensions

