

2310111160

DS-2CD2523G0-IWS Dome Network Camera

Fixed Mini Dome Network Camera, 2MP, IR, IP66

- 1920 × 1080@30fps
- IR: Up to 10 m
- H.265+. H.265
- 120dB WDR
- Built-in Micro SD/SDHC/SDXC slot, up to 128G
- PoE
- BLC/3D DNR/HLC/ROI
- Wi-Fi (Optional)

Description

2MP Mini Dome Network Camera

Monitor your asset with the DS-2CD2523G0-IWS 2MP Outdoor Wi-Fi Network Mini Dome Camera with Night Vision from Hikvision. Equipped with a 2MP CMOS sensor and a 2.8mm fixed lens, the camera captures video at resolutions up to 1920 x 1080 at 30 fps in a 114 x 62° field of view. The dome network camera has EXIR 2.0 IR LEDs with an effective range of up to 35' and uses a built-in IR cut filter to switch from color to B&W for day/night functionality. Wi-Fi connectivity allows for wireless video transmission.

The camera is housed in an IP66- and IK08-rated weather- and impact-resistant enclosure. PoE technology simplifies installation by enabling you to power the camera via its network connection. Also featured are audio in/out ports and a built-in microphone for two-way talk, as well as a microSD card slot for onboard storage of footage. ONVIF compliance ensures compatibility with a wide range of surveillance equipment.

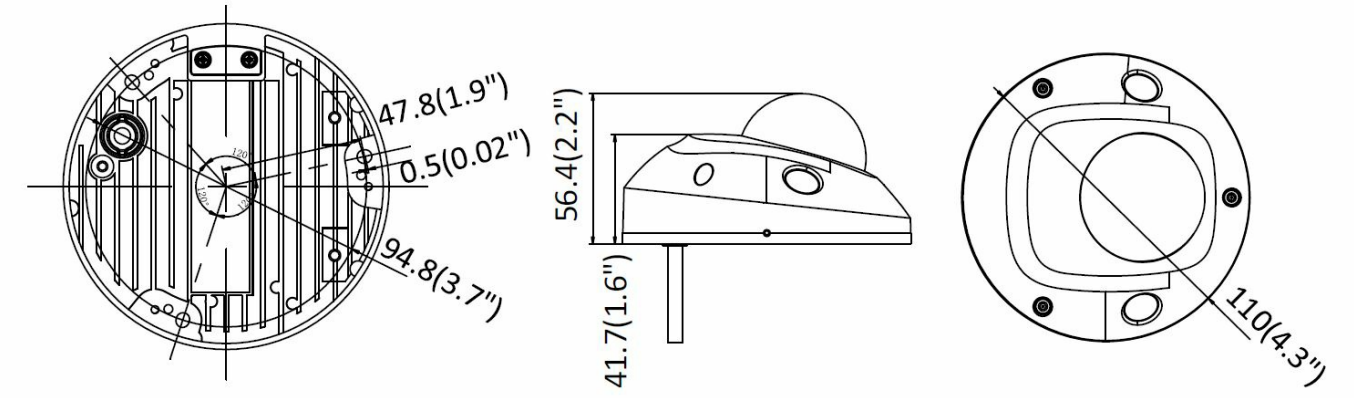
Technical Dimensions

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Dimension



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Specifications

CAMERA	
Image Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0.028 lux @(F2.0, AGC ON), 0 lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Day & Night	IR Cut Filter
Digital Noise Reduction	3D DNR
WDR	120dB
3-Axis Adjustment	Pan: -30° to +30°, tilt: 0° to 75°, rotate: 0° to 360°

LENS	
Focal length	2.8, 4, 6 mm
Aperture	F2.0
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°
	6 mm, Horizontal field of view: 54°, Vertical field of view: 30°, Diagonal field of view: 62°
Lens Mount	M12

IR	
IR Range	Up to 10m
Wavelength	850nm

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COMPRESSION STANDARD

Video Compression	Main stream: H.265/H.264
	Sub-stream: H.265/H.264 /MJPEG
	Third stream: H.265/H.264
H.264 Type	Main Profile/High Profile
H.264+	Main stream supports
H.265 Type	Main Profile
H.265+	Main stream supports
Video Bit Rate	32 Kbps to 16 Mbps
Audio Compression (-S)	G722.1/G.711/G726/MP2L2/PCM/MP3
Audio Bit Rate (-S)	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8Kbps-320Kbps(MP3)

SMART FEATURE-SET

Smart Event	Line crossing detection, intrusion detection, face detection
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
Linkage Method	Trigger recording: memory card, network storage, pre-record and post-record
	Trigger captured pictures uploading: FTP, HTTP, NAS, Email
	Trigger notification: HTTP, ISAPI, alarm output (-S), Email
Region of Interest	Support 1 fixed region for main stream and sub-stream separately

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IMAGE

Max. Resolution	1920 × 1080
Main Stream	50Hz:25fps (1920 × 1080, 1280 × 960, 1280 × 720)
	60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240)
	60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	50Hz: 25fps (1920 × 1080, 1280 × 720, 640 × 360, 352 × 288)
	60Hz: 30fps (1920 × 1080, 1280 × 720, 640 × 360, 352 × 240)
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness, AGC, and white balance adjustable by client software or web browser
Image Enhancement	BLC/3D DNR/HLC
Day/Night Switch	Auto/Schedule/Day/Night/Triggered by Alarm In (-S)

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NETWORK

Network Storage	Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS
General Function	Anti-flicker, three streams, heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, HTTP listening
API	ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, Ehome
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS 1.2, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, TLS1.2
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users
	3 levels: Administrator, Operator and User
Client	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	Plug-in required live view: IE8+
	Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+
	Local Service: Chrome 41.0+, Firefox 30.0+

INTERFACE

Audio (-S model)	2 Inputs: line in, or mic in (built-in microphone), 1 Output: line out, mono sound, terminal block
Alarm (-S model)	1 Input: Alarm in, 1 Output: Alarm out (max. 12 VDC, 30 mA), terminal block
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
On-board storage	Built-in MicroSD/SDHC/SDXC slot, up to 128G
SVC	Support H.264 and H.265 encoding
Reset Button	Yes

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WI-FI (-W MODEL)

Wireless Standards	IEEE 802.11b/g/n
Frequency Range	2.412 GHz to 2.4835 GHz
Channel Bandwidth	20M/40M
Protocols	802.11b: DQPSK, DBPSK, CCK
	802.11g/n: OFDM /64-QAM,16-QAM, QPSK, BPSK
Security	WPA, WPA2
Transfer Rates	11b: 11Mbps, 11g: 54Mbps, 11n: up to 150Mbps
Wireless Range	50 m

AUDIO (-S MODEL)

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

GENERAL

Operating Conditions	-30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)
Web Client Language	32 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil)
Power Supply	12 VDC ± 25%, PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.7 A, max. 8.5 W, Φ 5.5mm coaxial plug power PoE (802.3af, 36 V to 57 V), 0.3 A to 0.1 A, max. 10 W
Protection Level	IK08, IP66
Material	Front cover: plastic, Bottom base: metal
Dimensions	Φ110 mm × 56.4 mm (Φ4.3" × 2.2")
Weight	Camera: Approx. 400 g (0.9 lb.)

Accessories

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DS-1280ZJ-DM46 Junction box

Junction box for DS-2CD2523GO-IWS

Item Number: 2310111161

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