



2310111160

DS-2CD2523G0-IWS Dome Network Camera

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

- 1920 x 1080@30fps
- ✓ IR: Up to 10 m
- ✓ H.265+. H.265
- 120dB WDR
- ✓ PoE
- ✓ BLC/3D DNR/HLC/ROI
- ✓ Wi-Fi (Optional)

Description

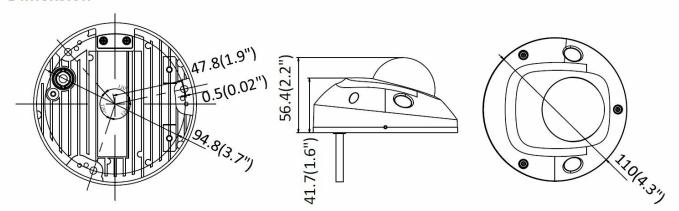
2MP Mini Dome Network Camera

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

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

Main stream: H.265/H.264
Sub-stream: H.265/H.264 /MJPEG
Third stream: H.265/H.264
Main Profile/High Profile
Main stream supports
Main Profile
Main stream supports
32 Kbps to 16 Mbps
G722.1/G.711/G726/MP2L2/PCM/M P3
64Kbps(G.711)/16Kbps(G.722.1)/1 6Kbps(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 Main Stream Sub-Stream Third Stream	1920 × 1080 50Hz:25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 50Hz: 25fps (1920 × 1080, 1280 × 720, 640 × 360, 352 × 288)
Sub-Stream	960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 50Hz: 25fps (1920 × 1080, 1280 ×
	960, 1280 × 720) 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 50Hz: 25fps (1920 × 1080, 1280 ×
	320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 50Hz: 25fps (1920 × 1080, 1280 ×
Third Stream	320 × 240) 50Hz: 25fps (1920 × 1080, 1280 ×
Third Stream	• •
	,,,
	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

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WI-FI (-W MODEL) IEEE 802.11b/g/n Wireless Standards 2.412 GHz to 2.4835 GHz Frequency Range Channel Bandwidth 20M/40M Protocols 802.11b: DQPSK, DBPSK, CCK 802.11g/n: OFDM /64-QAM,16-QAM, QPSK, BPSK Security WPA, WPA2 11b: 11Mbps, 11g: 54Mbps, 11n: Transfer Rates up to 150Mbps Wireless Range 50 m **AUDIO (-S MODEL) Environment Noise Filtering** Yes 8 kHz/16 kHz/32 kHz/44.1 kHz/48 Audio Sampling Rate **GENERAL** -30 °C to +60 °C (-22 °F to +140 **Operating Conditions** °F), Humidity 95% or less (noncondensing) 32 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Web Client Language Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) 12 VDC ± 25%, PoE (802.3af, Power Supply class 3) 12 VDC, 0.7 A, max. 8.5 W, $\boldsymbol{\Phi}$ 5.5mm coaxial plug power PoE Power Consumption and Current (802.3af, 36 V to 57 V), 0.3 A to 0.1 A, max. 10 W

Accessories

Protection Level

Material

Dimensions Weight

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IK08, IP66

metal

Front cover: plastic, Bottom base:

 Φ 110 mm × 56.4 mm (Φ 4.3" × 2.2")

Camera: Approx. 400 g (0.9 lb.)



DS-1280ZJ-DM46 Junction box

Junction box for DS-2CD2523GO-IWS