

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 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

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|--------------|---|
| 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

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|------------|--------------------|
| IR Range | Up to 35 ft (10 m) |
| Wavelength | 850 nm |

Compression Standard

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|-------------------|--|
| 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

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|---------------------|---|
| Behavior Analysis | Line crossing detection, intrusion detection |
| Exception Detection | Yes |
| Region of Interest | One fixed region for main stream and sub-stream |

Image

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|---------------------|---|
| 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

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|------------------------|--|
| 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+ |

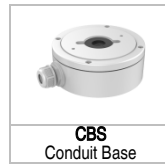
Interface

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|-------------------------|---|
| Audio | 2 inputs: line in (3.5 mm) or 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

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|-------------------------------|---|
| 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

