

DS-2CD51C5G0-IZS

12 MP Indoor Varifocal Network Dome Camera



- 1/1.7" (12 MP) Progressive Scan CMOS
- 4000 x 3000 Resolution @ 20 fps
- EXIR 2.0 with up to 100 ft (30 m) IR Range
- New Anti-IR Reflection Capsule
- 2.8 to 12 mm Motorized Lens
- H.265+, H.265, H.264+, H.264
- 5 Defined Streams and 5 Custom Streams
- Digital WDR
- Alarm and Audio Input/Output
- MicroSD Card Slot Supports 256 GB
- Anti-Fog Coating on Inside of Lens Cover
- IK10 Protection
- 12 VDC and PoE (802.3af)
- 12 VDC Accessory Output

The Hikvision DS-2CD51C5G0-IZS Indoor Varifocal Network 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 to 12 mm motorized varifocal lens, and offers an EXIR 2.0 IR range of up to 100 ft (30 m).

Smart features, such as line crossing, intrusion, scene change detection, region entrance detection, region exiting detection, unattended baggage detection and object removal detection are supported.









Available models:
DS-2CD51C5G0-IZS



Specifications

| | |
|-------------------------------|---|
| DS-2CD51C560-IZS | |
| Camera | |
| Image Sensor | 1/1.7" Progressive Scan CMOS |
| Minimum Illumination | Color: 0.008 lux @ (f/1.2, AGC on), 0 lux with IR |
| Shutter Speed | 1 s to 1/100,000 s |
| Slow Shutter | Yes |
| Day/Night | IR Cut Filter |
| Digital Noise Reduction | 3D DNR |
| WDR | Digital |
| Angle Adjustment | Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355° |
| Lens | |
| Focal Length | 2.8 to 12 mm |
| Aperture | f/1.2 |
| Focus | Auto, semi-auto, manual |
| FOV | 2.8 to 12 mm, horizontal FOV 101° to 36.1°, vertical FOV 72° to 27.2°, diagonal FOV 130° to 45.2° |
| Lens Mount | Integrated |
| IR | |
| IR Range | Up to 100 ft (30 m) |
| Wavelength | 850 nm |
| Compression Standard | |
| Video Compression | Main stream: H.265+/H.265/H.264+/H.264; sub stream/third stream/fourth stream/fifth stream/custom stream: H.265+/H.265/H.264+/H.264/MJPEG |
| H.264 Type | Baseline profile/main profile/high profile |
| H.264+ | Main stream |
| H.265 Type | Main profile |
| H.265+ | Main stream |
| Video Bit Rate | 32 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 160 kbps (MP2L2) |
| Smart Features | |
| Behavior Analysis | Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection |
| Exception Detection | Scene change detection, audio exception detection, defocus detection |
| Statistics | Counting |
| Face Detection | Yes |
| Region of Interest | Four fixed regions for main stream, sub stream, third stream, fourth stream, fifth stream, and dynamic face tracking |
| Image | |
| Maximum Resolution | 4000 × 3000 |
| Main Stream | 20 fps (4000 × 3000), 30 fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) |
| Sub Stream | 30 fps (704 × 480, 640 × 480) |
| Third Stream | 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) |
| Fourth Stream | 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) |
| Fifth Stream | 30 fps (704 × 480, 640 × 480) |
| Custom Stream | 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480); up to five custom streams are supported |
| Image Enhancement | BLC, HLC, defog, EIS, 3D DNR, lens distortion correction |
| Image Setting | Rotate mode, saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable by client software or web browser |
| Target Cropping | Yes |
| SVC | H.264 and H.265 encoding |
| Day/Night Switching | Day/night/auto/schedule/triggered by alarm in |
| Picture Overlay | Logo picture can be overlaid on video with 128 x 128 24 bit bmp format |
| Network | |
| Network Storage | MicroSD/SDHC/SDXC card (256 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 |
| Security Measures | Password protection, HTTPS encryption, IEEE 802.1x port-based network access control, IP address filtering, basic and digest authentication for HTTP/HTTPS, WSSE, and digest authentication for ONVIF |
| General Function | One-key reset, anti-flicker, 5 streams and up to 5 custom streams, heartbeat, mirror, password protection, privacy mask, watermark, and IP address filtering |
| API | ONVIF (PROFILE S, PROFILE G), ISAPI |
| Simultaneous Live View | Up to 20 channels |
| User/Host | Up to 32 users. Three user levels: administrator, operator and user |
| Client | iVMS-4200, Hik-Connect, Hik-Central |
| Web Browser | Plug-in required live view: IE 8 to 11, Chrome 41 to 44, Mozilla Firefox 30.0 to 51, Safari 8.0+ Plug-in free live view: Chrome 45+, Mozilla Firefox 52+ |
| Interface | |
| Audio | 1-ch 3.5 mm input (line in), 1-ch 3.5mm output, mono |
| Communication Interface | 1-port RJ45 10M/100M/1000M Ethernet port |
| Alarm | 1-ch input, 1-ch output (up to 12 VDC 1A or 10 VAC 500 mA) |
| Video Output | 1 Vp-p composite output (75 Ω/CVBS) |
| Power Output | 12 VDC, maximum of 200 mA (supported by all power source types) |
| On-Board Storage | Built-in microSD/SDHC/SDXC slot, up to 256 GB |
| 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 | Recommended DC input 12 V, voltage range of 10 to 48 VDC allowed, two-core terminal block, PoE (802.3at, class 4) |
| Power Consumption and Current | With extra load: 12 VDC, 0.8 A, max. 10.5 W; PoE (802.3af, 36 V to 57 V), 0.2 A to 0.3 A, class 3 Without extra load: 12 VDC, 0.6 A, max. 8 W; PoE (802.3af, 36 V to 57 V), 0.2 A to 0.3 A, class 3 "With extra load" means that an extra device is connected to and powered by the camera. |
| Protection Level | IK10 |
| Material | Aluminum alloy |
| Dimensions | Camera: Ø 5.5" x 4.8" (Ø 140.5 mm x 122.6 mm) |
| Weight | Camera: 1.98 lbs (0.90 kg) |

Accessories (Not Included)

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|  |  |  |  |  |  |  |  |
| WML + PC130 Wall Mount Long + 130 mm Pendant Cap | CPM + PC130 Ceiling Pendant Mount + 130 mm Pendant Cap | PM1 Pole Mount | CM1 Corner Mount | CPMPE 1.5\" Extension Pipe | CB135 Conduit Base | AB135 Angled Base | RCM-1 Recessed Ceiling Mount |

Dimensions

