

Specification

| Camera | |
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| Image Sensor | 1/3" progressive scan CMOS |
| Min. Illumination | Color: 0.01 Lux @(F1.2, AGC ON), 0.028Lux @(F2.0, AGC ON) |
| 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: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360° |
| Lens | |
| Focal Length | 2.8 mm, 4 mm, 6 mm |
| Aperture | F2.0 |
| Focus | No |
| FOV | 2.8 mm, horizontal FOV 100°, vertical FOV 55°, diagonal FOV 117° 4 mm, horizontal FOV 77°, vertical FOV 42°, diagonal FOV 88° 6 mm, horizontal FOV 51°, vertical FOV 28°, diagonal FOV 58° |
| Lens Mount | M12 |
| IR | |
| IR Range | Up to 30 m |
| Wavelength | 850 nm |
| Compression Standard | |
| Video Compression | Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG |
| H.264 Type | Baseline Profile/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 8 Mbps |
| Smart Feature-set | |
| Region of Interest | 1 fixed region for main stream and sub-stream |
| Image | |
| Max. Resolution | 2560 × 1440 |
| Main Stream Max. Frame Rate | 50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) |
| Sub-stream Max. Frame Rate | 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) |
| Image Enhancement | BLC, 3D DNR |
| Image Settings | Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser |
| Day/Night Switch | Auto, scheduled |
| Network | |
| Network Storage | NAS (NFS, SMB/CIFS) |
| Alarm Trigger | Motion detection, video tampering alarm, illegal login |
| 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 |
| General Function | Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter |

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| Firmware Version | 5.5.3 |
| API | ONVIF (PROFILE S, PROFILE G), ISAPI |
| Simultaneous Live View | Up to 6 channels |
| User/Host | Up to 32 users 3 levels: Administrator, Operator and User |
| Client | iVMS-4200, Hik-Connect, iVMS-5200 |
| Web Browser | IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+ |
| Interface | |
| Communication Interface | 1 RJ45 10M/100M self-adaptive Ethernet port |
| General | |
| Operating Conditions | -30 °C to 50 °C (-22 °F to 122 °F), humidity: 95% or less (non-condensing) |
| Power Supply | 12 VDC ± 25%, 5.5 mm coaxial power plug PoE (802.3af, class 3) |
| Power Consumption and Current | 12 VDC, 0.4 A, max: 5 W PoE: (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, Max: 6.5 W |
| Ingress Protection | IP67 TVS 2000V lightning protection, surge protection and voltage transient protection |
| Material | Metal & Plastic |
| Dimensions | Camera: Ø 110 mm × 93.2 mm (4.3" × 3.7") With package: 150 mm × 150 mm × 141 mm (5.9" × 5.9" × 5.6") |
| Weight | Camera: approx. 350 g (0.8 lb.) With package: approx. 610 g (1.3 lb.) |

Available Models

DS-2CD1343G0-I (2.8 mm), DS-2CD1343G0-I (4 mm), DS-2CD1343G0-I (6 mm)