

DS-2CD2385G1-I**4K Powered-by-DarkFighter Fixed Turret Network Camera**

- High quality imaging with 8 MP resolution
- Excellent low-light performance via powered-by-DarkFighter technology
- Efficient H.265+ compression technology
- Clear imaging against strong back light due to 120 dB true WDR technology
- Water and dust resistant (IP67)
- Robust structure design with full metal materials

▪ Specification

Camera	
Image Sensor	1/2" Progressive Scan CMOS
Min. Illumination	Color: 0.008 Lux @ (F1.2, AGC ON), 0.014 Lux @ (F1.6, AGC ON)
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Wide Dynamic Range	120dB
Day & Night	IR Cut Filter
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Lens	
Focus	Fixed
Lens Type	2.8/4/6 mm
FOV	2.8 mm, horizontal FOV: 110.7°, vertical FOV: 59.1°, diagonal FOV: 131° 4 mm, horizontal FOV: 87.1°, vertical FOV: 47.4°, diagonal FOV: 101.8° 6 mm, horizontal FOV: 50.8°, vertical FOV: 27.6°, diagonal FOV: 60°
Aperture	F1.6
Lens Mount	M12
Illuminator	
IR Range	Up to 30 m
Wavelength	850 nm
Video	
Max. Resolution	3840 × 2160
Main Stream	50Hz: 20 fps (3840 × 2160), 25 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720), 60Hz: 20 fps (3840 × 2160), 30fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720),
Sub Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288), 60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240),
Video Compression	Main stream: H.265/H.264, Sub stream: H.265/H.264/MJPEG, Third stream: H.265/H.266,
Video Bit Rate	32 Kbps to 16 Mbps
H.264 Type	Main Profile/High Profile
H.265 Type	Main Profile
H.264+	Main stream supports
H.265+	Main stream supports
Region of Interest (ROI)	Support 1 fixed region for main stream and sub stream separately
Network	
Simultaneous Live View	Up to 6 channels
API	ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, Ehome
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
User/Host	Up to 32 users, 3 levels: Administrator, Operator and User,
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

Network Storage	Support micro SD/SDHC/SDXC card (128G) local storage, NAS (NFS, SMB/CIFS), ANR
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+
Alarm Trigger	Motion detection, tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Image	
Day/Night Switch	Day/Night/Auto/Schedule
DNR	3D DNR
Image Enhancement	BLC/3D DNR/HLC
Image Settings	Rotate mode, brightness, contrast, saturation, and sharpness are adjustable via web browser and client software
Interface	
On-board Storage	Built-in micro SD/SDHC/SDXC slot, up to 128 GB
Hardware Reset	Yes
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Event	
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
Smart Event	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection
Face Detection	Yes
Exception Detection	Scene change detection
General	
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, Email
Firmware Version	V5.5.61
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)
General Function	Anti-flicker, three streams, heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, HTTP listening
Startup and Operating Conditions	-30 °C to +60 °C (-22 °F to +140 °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, 0.7 A, max: 7.5 W, PoE: (802.3af, 36 VDC to 57 VDC), 0.3 A to 0.2 A, max: 9 W,
Camera Dimension	Camera: Φ 138.3 × 125 mm (5.4" × 4.9")
Camera Weight	Camera: 725 g (1.6 lb.), With package: 966 g (2.1 lb.),
Approval	
Protection	IP67

▪ Available Model

DS-2CD2385G1-I(2.8mm)

DS-2CD2385G1-I(4mm)
DS-2CD2385G1-I(6mm)
DS-2CD2385G1-I(2.8mm)(Black)
DS-2CD2385G1-I(4mm)(Black)

▪ Accessory

▪ Optional

DS-1273ZJ-140 Wall mount	DS-1273ZJ-140B Wall mount	DS-1271ZJ-140 Pendant Mount	DS-1275ZJ-SUS Vertical pole mount	DS-1276ZJ-SUS Corner mount
				
DS-1280ZJ-DM21 Junction box	DS-1273ZJ-140(BLACK) Wall mount			
				

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