

DS-2CD2385G1-IB

8 MP Outdoor IR Fixed Network Turret Camera



- **1/2" (8 MP) Progressive Scan CMOS**
- **Up to 3840 x 2160 Resolution @ 20 fps**
- **Minimum Illumination:**
Color: 0.014 Lux @ (f/1.6, AGC on),
0 Lux with IR
- **Up to 100 ft (30 m) EXIR 2.0 Range**
- **2.8 mm Fixed Lens**
- **H.265+, H.265, H.264+, H.264**
- **120 dB True WDR**
- **MicroSD Card Slot Supports 128 GB**
- **IP67 Protection**
- **Black Finish**
- **12 VDC and PoE (802.3af)**

The Hikvision DS-2CD2385G1-IB Outdoor IR Fixed Network Turret 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 fixed lens and offers an EXIR 2.0 range of up to 100 ft (30 m).

Smart features such as line crossing, intrusion, unattended luggage, and scene change detection are also supported. This is the black finish version of the product.

Available models:

DS-2CD2385G1-IB: 2.8 mm lens



Specifications

DS-2CD2385G1-IB

Camera

Image Sensor	1/2" progressive scan CMOS
Minimum Illumination	Color: 0.014 lux (@ f/1.6, AGC on)
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Focal Length	2.8 mm
Focus	Fixed
FOV	2.8 mm, horizontal FOV: 102°, vertical FOV: 55°, diagonal FOV: 120°
Lens Mount	M16
Iris	f/1.6
Day/Night	IR cut filter
DNR	3D DNR
Wide Dynamic Range	120 dB
3-Axis Adjustment (bracket)	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°

Compression Standard

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 supported
H.265 Type	Main profile
H.265+	Main stream supported
Video Bit Rate	32 Kbps to 16 Mbps

Image

Maximum Resolution	3840 × 2160
Main Stream	20 fps (3840 × 2160), 30 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)
Sub Stream	30 fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	30 fps (1280 × 720, 640 × 360, 352 × 240)
Image Enhancement	BLC/3D DNR
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or Web browser
Region of Interest (ROI)	Supports one fixed region for main and sub streams
Day/Night Switch	Day/night/auto/schedule

Network

Network Storage	Supports microSD/SDHC/SDXC card (128 GB), local storage, and NAS (NFS, SMB/CIFS), ANR
Alarm Trigger	Motion detection, 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
Standard	ONVIF (PROFILE S, PROFILE G), ISAPI
General Function	One-key reset, anti-flicker, three streams, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Firmware	v5.5.61
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users, three levels: administrator, operator, and user
Client	iVMS-4200, Hik-Connect
Web Browser	With plug-in: IE8+, Chrome 41.0–44, Firefox 30.0–51, Safari 8.0–11, without plug-in: Chrome 45.0+, Firefox 52.0+

Interface

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
Reset Button	Yes
SVC	H.265 and H.264 encoding support



Smart Features

Behavior Analysis	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection
Exception Detection	Scene change detection
Face Detection	Yes

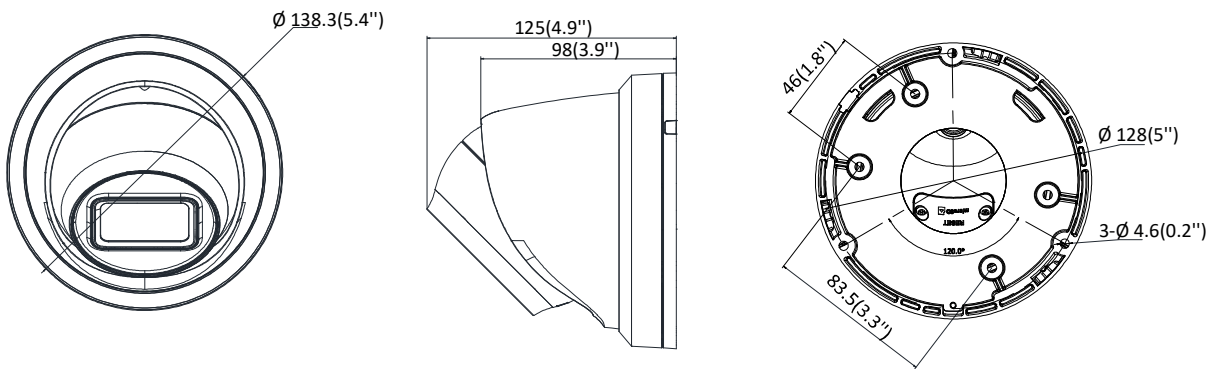
General

Operating Conditions	-22° to 140° F (-30° to 60° C), humidity 95% or less (non-condensing)
Power Supply	12 VDC ±25%, PoE (802.3af, class 3), 5.5 mm coaxial power plug
Power Consumption	12 VDC, 0.7 A, maximum: 7.5 W, PoE: (802.3af, 36 VDC to 57 VDC), 0.3 A to 0.2 A, maximum: 9 W
IR Range	Up to 100 ft (30 m)
Wavelength	850 nm
Protection Level	IP67
Material	Metal
Color	Black
Dimensions	Ø5.4" × 4.9" (Ø138.3 mm × 125 mm)
Weight	1.60 lbs (0.725 kg)

Accessories (Not Included)

Must Be Used Together		Must Be Used Together	
			
WMLB Wall Mount Long w/Backbox	PC140B 140 mm Pendant Cap	CPMB Ceiling Pendant Mount	CB135B Conduit Base

Dimensions



Unit: mm (inch)