

## DS-2CD2385G1-I

### 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, 4 mm, or 6 mm Lens**
- **H.265+, H.265, H.264+, H.264**
- **120 dB True WDR**
- **MicroSD Card Slot Supports 128 GB**
- **IP67 Protection**
- **12 VDC and PoE (802.3af)**

The Hikvision DS-2CD2385G1-I 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, 4 mm, or 6 mm 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.

#### **Available models:**

DS-2CD2385G1-I: 2.8 mm lens

DS-2CD2385G1-I: 4 mm lens

DS-2CD2385G1-I: 6 mm lens



# Specifications

DS-2CD238561-I

## Camera

Image Sensor	1/2" progressive scan CMOS
Minimum Illumination	Color: 0.014 lux @ (f/1.6, AGC on), 0 lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Focal Length	2.8 mm, 4 mm, or 6 mm
Focus	Fixed
	2.8 mm, horizontal FOV: 102°, vertical FOV: 55°, diagonal FOV: 120°
FOV	4 mm, horizontal FOV: 78°, vertical FOV: 43°, diagonal FOV: 92°
	6 mm, horizontal FOV: 50°, vertical FOV: 27°, diagonal FOV: 59°
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, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1x, QoS, IPv6
Standard	ONVIF (PROFILE S, PROFILE G), ISAPI
General Function	One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to six channels
User/Host	Up to 32 users, three levels: administrator, operator, and user
Client	iVMS-4200, Hik-Connect
Web Browser	IE8+, Chrome 31.0–44, Firefox 30.0–51, Safari 8.0+

## 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

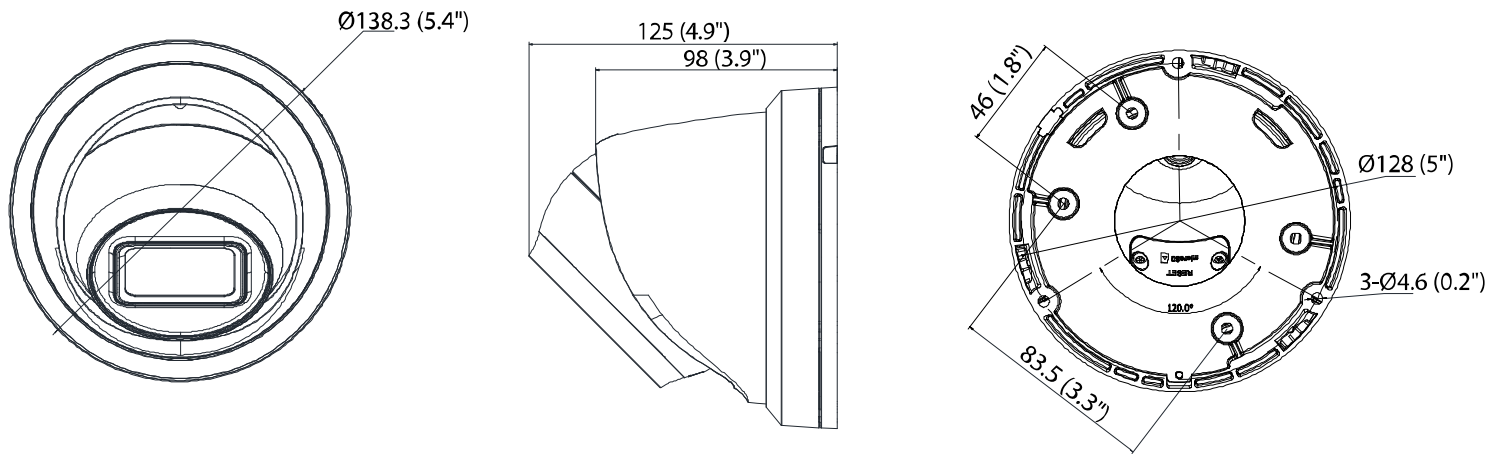
## Smart Features

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
Dimensions	Ø5.4" × 4.9" (Ø138.3 mm × 125 mm)
Weight	1.60 lbs (0.725 kg)

## Dimensions



Unit: mm (inch)

## Accessories

NOT INCLUDED			
			
<b>WML</b> Wall Mount Long w/Backbox	<b>PC140</b> 140 mm Pendant Cap	<b>CPM</b> Ceiling Pendant Mount	<b>CB140PT</b> Conduit Base
<b>Requires PC140</b>	<b>Requires WML</b>	<b>Requires PC140</b>	