

## DS-2CD2385FWD-I 8 MP Network Turret Camera



### Key Features

- Up to 8 megapixel high resolution
- Max. 3840 × 2160 @20fps
- 2.8 mm/4 mm/6 mm/8 mm/12 mm fixed lens, optional
- H.265, H.265+, H.264+, H.264
- 120dB Wide Dynamic Range
- 3D Digital Noise Reduction
- 12 VDC & PoE (802.3af)
- IR range: up to 30 m
- Support on-board storage, up to 128 GB
- 3-Axis Adjustment
- IP67



## Specification

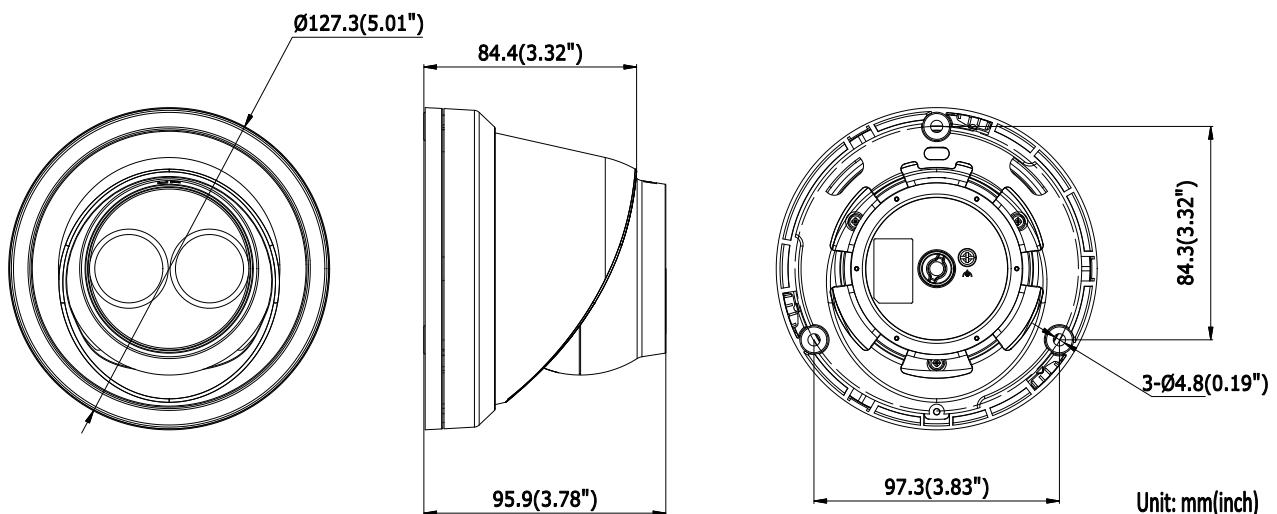
<b>Camera</b>	
Image Sensor	1/2.5" Progressive Scan CMOS
Min. Illumination	Color: 0.01 lux @(F1.2, AGC ON), 0 lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Support
Lens	2.8 mm, horizontal field of view: 102° 4 mm, horizontal field of view: 79° 6 mm, horizontal field of view: 50° 8 mm, horizontal field of view: 40° 12 mm, horizontal field of view: 23°
Lens Mount	M12
Iris	F2.0
Day & Night	IR cut filter
DNR	3D DNR
Wide Dynamic Range	120dB
3-Axis Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
<b>Compression Standard</b>	
Video Compression	Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG Third stream: H.265/H.264
H.264 Type	Main Profile/High Profile
H.264+	Supports
H.265 Type	Main Profile
H.265+	Supports
Video Bit Rate	32 Kbps to 16 Mbps
<b>Image</b>	
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)
Image Enhancement	BLC/3D DNR
Image Settings	Support rotate mode. Brightness, contrast, saturation, and sharpness are adjustable via web browser and client software
ROI (Region of Interest)	Support 1 fixed region for main stream and sub stream separately
Day/Night Switch	Auto/Scheduled
<b>Network</b>	
Network Storage	Support microSD/SDHC/SDXC card (128G) local storage, 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, Dual-VCA, Anti-Flicker, Heartbeat, Mirror, Password Protection, Privacy Mask, Watermark, IP Address Filter
<b>Interface</b>	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
On-board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
<b>Smart Feature-set</b>	
Behavior Analysis	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection
Line Crossing Detection	Cross a pre-defined virtual line, up to 1 pre-defined virtual lines supported
Intrusion Detection	Enter and loiter in a pre-defined virtual region, up to 1 pre-defined virtual regions supported
Object Removal Detection	Objects removed from the pre-defined region, such as the exhibits on display.
Unattended Baggage Detection	Objects left over in the pre-defined region such as the baggage, purse, dangerous materials
Face Detection	Human face appears in the image can be detected and trigger linkage method
<b>General</b>	
Operating Conditions	-30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)
Power Supply	12 VDC $\pm$ 25%, 6.5 W PoE(802.3af, 36 – 57V, class 3), 8.5 W
IR Range	Up to 30 m
Protection Level	IP67
Dimensions	Camera: $\Phi$ 127.3 $\times$ 95.9 mm (5.01" $\times$ 3.78") Package: 150 $\times$ 150 $\times$ 141 mm (5.91" $\times$ 5.91" $\times$ 5.55")
Weight	Camera: 620 g (1.37 lb.)

## Available Models

DS-2CD2385FWD-I

## Dimensions



**Accessories****DS-1273ZJ-130-TRL**  
Wall Mount**DS-1275ZJ**  
Vertical Pole Mount**DS-1276ZJ**  
Corner Mount**DS-1280ZJ-M**  
Junction Box**DS-1281ZJ-M**  
Inclined Ceiling Mount

Distributed by

**HIKVISION®****Headquarters**No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
overseasbusiness@hikvision.com**Hikvision USA**  
T +1-909-895-0400  
sales.usa@hikvision.com**Hikvision Italy**  
T +39-0438-6902  
info.it@hikvision.com**Hikvision Singapore**  
T +65-6684-4718  
sg@hikvision.com**Hikvision Africa**  
T +27 (10) 0351172  
sale.africa@hikvision.com**Hikvision Europe**  
T +31-23-55-42-770  
info.eu@hikvision.com**Hikvision France**  
T +33(0)1-85-330-450  
info.fr@hikvision.com**Hikvision Oceania**  
T +61-2-8599-4233  
salesau@hikvision.com**Hikvision Hong Kong**  
T +852-2151-1761**Hikvision Middle East**  
T +971-4-8816086  
salesme@hikvision.com**Hikvision Spain**  
T +34-91-737-16-55  
info.es@hikvision.com**Hikvision Canada**  
T +1-909-895-0400  
sales.usa@hikvision.com**Hikvision Russia**  
T +7-495-669-67-99  
sateru@hikvision.com**Hikvision Poland**  
T +48-22-460-01-50  
poland@hikvision.com**Hikvision Korea**  
T +82-31-731-8841  
sales.korea@hikvision.com**Hikvision India**  
T +91-22-28469900  
sales@pramahikvision.com**Hikvision UK**  
T +01628-902140  
support.uk@hikvision.com**Hikvision Brazil**  
T +55 11 3318-0050  
Latam.support@hikvision.com