

## DS-2CD2185FWD-ISB

### 8 MP Outdoor IR Fixed Network Dome Camera



- 1/2.5" (8 MP) Progressive Scan CMOS
- Up to 3840 x 2160 Resolution @ 20 fps
- Up to 100 ft (30 m) EXIR 2.0 Range
- 2.8 mm, 4 mm, or 6 mm Fixed Lens
- H.265+, H.265, H.264+, H.264
- 120 dB True WDR
- Audio and Alarm Input/Output
- MicroSD Card Slot Supports 128 GB
- IP67, IK10 Protection
- Black Finish
- 12 VDC and PoE (802.3af)

The Hikvision DS-2CD2185FWD-ISB Outdoor IR Fixed Network Dome 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 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-2CD2185FWD-ISB



# Specifications

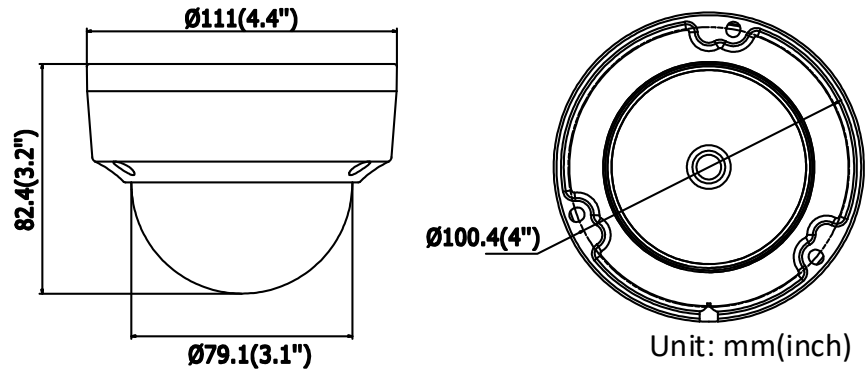
DS-2CD2185FWD-ISB	
<b>Camera</b>	
Image Sensor	1/2.5" progressive scan CMOS
Minimum Illumination	Color: 0.028 lux @ (f/2.0, AGC on), 0 lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Day/Night	IR cut filter
Digital Noise Reduction	3D DNR
WDR	120 dB
Three-Axis Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
<b>Lens</b>	
Focal Length	2.8 mm, 4 mm, or 6 mm fixed lens
Aperture	f/2.0
FOV	2.8 mm, horizontal field of view: 102°; 4 mm, horizontal field of view: 79°; 6 mm, horizontal field of view: 50°
Lens Mount	M12
<b>Compression Standard</b>	
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
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64 kbps (G.711)/16 kbps (G.722.1)/16 kbps (G.726)/32 to 192 kbps (MP2L2)
<b>Smart Features</b>	
Behavior Analysis	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection
Exception Detection	Scene change detection
Face Detection	Yes
<b>Image</b>	
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/HLC
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness and white balance adjustable by client software or Web browser
Region of Interest	Supports one fixed region for main stream and sub-stream separately
Day/Night Switch	Day/night/auto/schedule/triggered by alarm in
<b>Audio</b>	
Environment Noise Filtering	Yes
Audio I/O	Yes, mono soundtrack
Sampling Rate	8 KHz/16 KHz/32 KHz/44.1 KHz/48 KHz
<b>Network</b>	
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
General Function	One-key reset, anti-flicker, three streams, heartbeat, password protection, privacy mask, watermark, IP address filter
Standard	ONVIF (PROFILE S, PROFILE G), ISAPI
Firmware	V5.5.80
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, iVMS-4500, Hik-Connect
Web Browser	Plug-in required live view: IE 8+, Chrome 41.0 to 44, Firefox 30.0 to 51, Safari 8.0 to 11 Plug-in free live view: Chrome 45.0+, Firefox 52.0+
<b>Interface</b>	
Communication Interface	1-port RJ-45 10M/100M self-adaptive Ethernet port
Audio	1 audio input (line in), 1 audio output interface, terminal block
Alarm	1 alarm input, 1 alarm output (maximum 12 VDC, 30 mA), terminal block
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Reset Button	Yes
<b>General</b>	
Operating Conditions	-22° to 140° F (-30° to 60° C), humidity 95% or less (non-condensing)
Power Supply	12 VDC ±25%, 6.2 W, PoE (802.3af, 36 V to 57 V, class 3), 9 W
IR Range	Up to 100 ft (30 m)
Protection Level	IP67, IK10
Material	Camera body: metal; Bubble: plastic
Dimensions	Ø4.4" × 3.2" (Ø111 mm × 82.4 mm)
Weight	1.1 lbs (0.50 kg)

## Accessories (Not Included)

				
<b>WMSB</b> Wall Mount Short w/Junction Box	<b>WMLB</b> Wall Mount Long w/Junction Box	<b>AB110B</b> Angled Base	<b>PC110B</b> 110 mm Pendant Cap	<b>CB110B</b> Conduit Base

## Dimensions

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## Box Contents (Subject to Change without Notice)

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Quick Start Guide x 2  
Screws  
Watertight Cable Connector  
Wrench