

## DS-2CD2525FWD-IS

### 2 MP Outdoor EXIR Fixed Mini Network Dome Camera



- **1/2.8" (2 MP) Progressive Scan CMOS**
- **Full 1080p Resolution @ 60 fps**
- **Minimum Illumination:** Color: 0.009 lux @ (f/1.6, AGC on), 0 lux with IR
- **Powered by Darkfighter**
- **Up to 30 ft (10 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**
- **IP66, IK08 Protection**
- **12 VDC and PoE (802.3af)**

The Hikvision DS-2CD2525FWD-IS Outdoor EXIR Fixed Mini 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 lens and offers an EXIR 2.0 range of up to 30 ft (10 m).

Smart features such as line crossing, intrusion, unattended luggage, and scene change detection are also supported.






**Available models:**  
DS-2CD2525FWD-IS



# Specifications

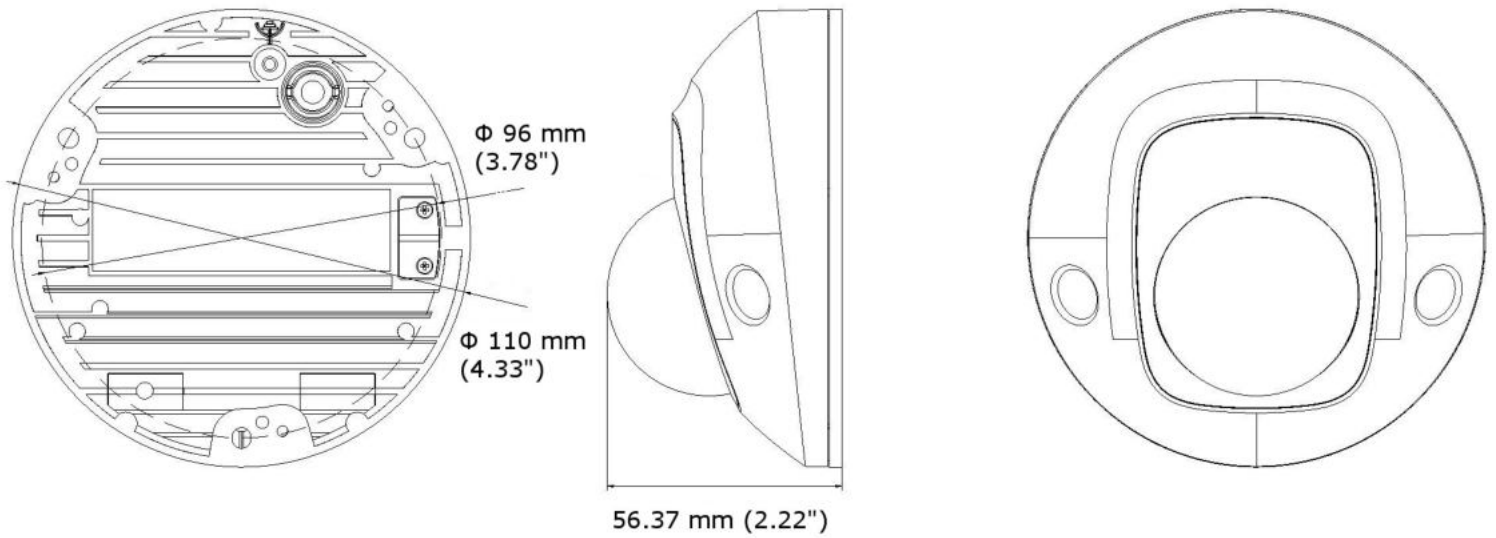
DS-2CD2525FWD-IS	
<b>Camera</b>	
Image Sensor	1/2.8" progressive scan CMOS
Minimum Illumination	Color: 0.009 lux @ (f/1.6, AGC on), 0 lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Day/Night	IR cut filter
Digital Noise Reduction	3D DNR
WDR	120 dB
Three-Axis Adjustment	Pan: -30° to +30°, tilt: 0° to 75°, rotate: 0° to 360°
<b>Lens</b>	
Focal Length	2.8 mm, 4 mm, or 6 mm
Aperture	f/1.6
FOV	2.8 mm: Horizontal FOV: 108°, vertical FOV: 59°, diagonal FOV: 129° 4 mm: Horizontal FOV: 87°, vertical FOV: 45°, diagonal FOV: 102° 6 mm: Horizontal FOV: 53°, vertical FOV: 29°, diagonal FOV: 60°
Lens Mount	M12
<b>IR</b>	
IR Range	Up to 30 ft (10 m)
Wavelength	850 nm
<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+	Yes
H.265 Type	Main profile
H.265+	Yes
Video Bit Rate	32 Kbps to 16 Mbps
Audio Compression	G722.1/G711 ulaw/G711 alaw/G726/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, unattended baggage detection, object removal detection
Face Detection	Yes
Region of Interest	Supports one fixed region for main stream and sub-stream
<b>Image</b>	
Maximum Resolution	1920 × 1080
Main Stream	60 fps (1920 × 1080, 1280 × 960, 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
Day/Night Switch	Auto/schedule/day/night/triggered by alarm in
<b>Network</b>	
Network Storage	Supports microSD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR
Alarm Trigger	Motion detection, video tampering, network disconnected, IP address conflict, HDD full, HDD error, illegal login
Protocols	TCP/IP, 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
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	IE 8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+
<b>Interface</b>	
Audio	Two inputs: line in (3.5 mm) or microphone in (built-in microphone), 1 output: line out (3.5 mm), mono sound
Alarm	One input: alarm in (3.5mm), one output: alarm out (3.5 mm)
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
SVC	H.264 and H.265 encoding
<b>Audio</b>	
Environment Noise Filtering	Yes
Audio Sampling Rate	16 kHz, 32 kHz, 44.1 kHz, 48 kHz
<b>General</b>	
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)
Power Consumption and Current	12 VDC, 0.7 A, maximum 7.5 W, PoE (802.3af, 36 V to 57 V), 0.3 A to 0.1 A, maximum 9.5 W
Protection Level	IP66, IK08, TVS 2000V lightning protection, surge protection and voltage transient protection
Material	Metal and plastic
Dimensions	Ø4.33" × 2.22" (Ø110 mm × 56.4 mm)
Weight	0.88 lbs (0.40 kg)

## Accessories (Not Included)

						
<b>WMS</b> Wall Mount w/Junction Box	<b>PC120</b> Pendant Cap	<b>CPM</b> Ceiling Pendant Mount	<b>CM</b> Corner Mount	<b>PM</b> Pole Mount	<b>GP120</b> Gang Plate	<b>CBD-MINI</b> Conduit Base

## Dimensions

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## Box Contents (Subject to Change without Notice)

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Quick Start Guide  
Bracket Ring  
Screws  
Watertight Cable Connector