

ECI-D12Fx

2 MP Outdoor IR Network Dome Camera



- 1/2.8" (2 MP) Progressive Scan CMOS
- Up to 1920 x 1080 Resolution
- 2.8 mm, 4 mm, and 6 mm Fixed Lens Options
- Up to 100 ft (30 m) EXIR 2.0 Range
- H.265+/H.265/H.264+/H.264/MJPEG
- IP67, IK10 Protection
- 2-Axis Positioning: Pan and Tilt
- Durable Metal Housing
- 12 VDC \pm 25% (PoE IEEE802.3af), maximum 5 W

The Hikvision ECI-D12Fx Outdoor IR Dome Camera provides high definition output. It supports H.265+ video compression technology, which assures savings in bandwidth and storage.

The camera is equipped with an EXIR 2.0 range of up to 100 feet (30 meters).

The 2.8 mm, 4 mm, and 6 mm lens options are optimized for viewing angles that fit any situation.










Available models:
ECI-D12F2: 2.8 mm
ECI-D12F4: 4 mm
ECI-D12F6: 6 mm



Specifications

ECI-D12Fx	
Camera	
Image Sensor	1/2.8" [2 MP] progressive scan CMOS
Minimum Illumination	Color: 0.028 lux @ (f/2.0, AGC on)
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Auto-Iris	No
Day /Night	IR cut filter
Digital Noise Reduction	3D DNR
WDR	Digital
Angle Adjustment (Bracket)	Pan: 0° to 355°, tilt: 0° to 70°
Lens	
Focal Length	2.8 mm, 4 mm, 6 mm
Aperture	f/2.0
Focus	No
FOV	2.8 mm, horizontal FOV 114°, vertical FOV 62°, diagonal FOV 135° 4 mm, horizontal FOV 86°, vertical FOV 46°, diagonal FOV 102° 6 mm, horizontal FOV 54°, vertical FOV 30°, diagonal FOV 62°
Lens Mount	M12
IR	
IR Range	Up to 100 ft (30 m)
Wavelength	850 nm
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
H.264 Type	Baseline profile/main profile/high profile
H.264+	Main stream
Video Bit Rate	32 Kbps to 8 Mbps
Smart Features	
Region of Interest	One fixed region for main stream and sub-stream
Image	
Maximum Resolution	1920 × 1080
Main Stream	30 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	30 fps (640 × 480, 640 × 360, 320 × 240)
Image Enhancement	BLC, 3D DNR
Image Setting	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
Day/Night Switch	Auto, scheduled
Network	
Alarm Trigger	Motion detection, video tampering alarm, illegal login
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark
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	IE 7+, Chrome 18 to 42, Firefox 5.0+, Safari 5.02+
Interface	
Communication Interface	1-Port RJ-45 10M/100M self-adaptive Ethernet port
General	
Operating Conditions	-22° F to 122° F (-30° C to 50° C); humidity: 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, 5.5 mm coaxial power plug; PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.4 A, maximum: 5 W; PoE: (802.3af, 36 V to 57 V), 0.2 A to 0.13 A, maximum: 7 W
Protection Level	IP67, IK10, TVS 2000V lightning protection, surge protection and voltage transient protection
Material	Metal
Dimensions	Camera: ϕ 4.4" x 3.2" (ϕ 111 mm x 82.4 mm)
Weight	Camera: 0.90 lbs (410 g)

Accessories

								
CB110 Conduit Base	AB110 15° Angled Base	CPM Ceiling Pendant Mount	CM Corner Mount	WMS Short Wall Mount + Junction Box	PC110 110 mm Pendant Cap	WM110 Plastic Wall Mount	SRS Wall Mount Dome Shade	SRSM Sun and Rain Shield

Dimensions

