

ECI-T24Fn(C)

4 MP Fixed Turret Network Camera



Hikvision's ECI-T24Fn(C) cameras feature high quality 4 MP resolution imaging, H.265+ video compression, true 120 dB WDR for clear imaging even under strong backlighting condition, EXIR 2.0 for advanced long IR range, and a built-in microphone for real-time audio security.

Available Models

ECI-T24F2(C): 2.8 mm

ECI-T24F4(C): 4 mm

- High Quality 4 MP Resolution Imaging
- Efficient H.265+ Compression
- 120 dB WDR for Clear Imaging Even with Strong Backlighting
- Water and Dust Resistant (IP67)
- EXIR 2.0: Advanced Long IR Range Infrared Technology
- Built-in Microphone for Real-Time Audio Security
- Supports up to 256 GB SD Card Storage



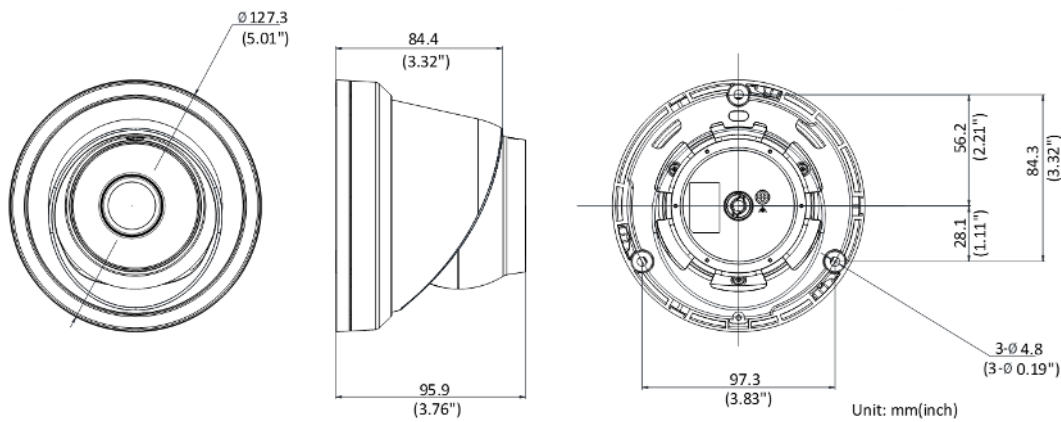
Specifications

	ECI-T24F2(C)	ECI-T24F4(C)
Camera		
Image Sensor	1/3" progressive scan CMOS	
Maximum Resolution	2560 × 1440	
Minimum Illumination	Color: 0.01 lux @ (f/2.0, AGC on), B/W: 0 lux with IR	
Shutter Speed	1/3 s to 1/100,000 s	
Day/Night	IR cut filter	
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	
Lens		
Lens Type	Fixed focal length	
Focal Length	2.8 mm	4 mm
FOV	2.8 mm	Horizontal FOV 98.0°, vertical FOV 53.1°, diagonal FOV 114.7°
	4 mm	Horizontal FOV 78.7°, vertical FOV 43.1°, diagonal FOV 92.3°
Lens Mount	M12	
Iris Type	Fixed	
Aperture	f/2.0	
Illuminator		
Supplement Light Type	IR	
Supplement Light Range	Up to 98 ft (30 m)	
Smart Supplement Light	Yes	
IR Wavelength	850 nm	
Video		
Main Stream	50 Hz: 20 fps (2560 × 1440), 25 fps (2304 × 1296, 1920 × 1080, 1280 × 720)	
	60 Hz: 20 fps (2560 × 1440), 30 fps (2304 × 1296, 1920 × 1080, 1280 × 720)	
Sub-Stream	50 Hz: 25 fps (640 × 480, 640 × 360)	
	60 Hz: 30 fps (640 × 480, 640 × 360)	
Video Compression	Main stream: H.265/H.264/H.264+/H.265+ Sub-stream: H.265/H.264/MJPEG	
Video Bit Rate	32 Kbps to 8 Mbps	
H.264 Type	Baseline Profile/Main Profile/High Profile	
H.265 Type	Main Profile	
Region of Interest (ROI)	1 fixed region for main stream	
Audio		
Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC	
Audio Bit Rate	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC)	
Audio Sampling Rate	8 kHz/16 kHz	
Environment Noise Filtering	Yes	
Network		
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1x, QoS, IPv6, Bonjour, IPv4, UDP, SSL/TLS	
Simultaneous Live View	Up to 6 channels	
API	Open Network Video Interface, ISAPI	
User/Host	Up to 32 users. 3 levels: administrator, operator, and user	
Network Storage	NAS (NFS, SMB/CIFS), ANR	
Client	iVMS-4200, Hik-Connect	
Web Browser	Plug-in required live view: IE 10+	
	Plug-in free live view: Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+	
Image		
Image Settings	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or Web browser	
Day/Night Switch	Auto, Schedule, Day, Night	
Wide Dynamic Range (WDR)	120 dB	
Image Enhancement	BLC, 3D DNR	
Interface		
Ethernet Interface	1 RJ-45 10 M/100 M self-adaptive Ethernet port	
On-Board Storage	Built-in memory card slot, supports microSD card, up to 256 GB	
Built-in Microphone	Yes	
Reset Key	Yes	
Events		
Basic Event	Motion detection, video tampering, exception	
Linkage	Upload to FTP, notify surveillance center, send e-mail, upload to memory card, trigger recording, trigger capture	

Specifications (continued)

	ECI-T24F2(C)	ECI-T24F4(C)
General		
Power	12 VDC \pm 25%, 0.4 A, maximum 5 W, \varnothing 5.5 mm coaxial power plug PoE: 802.3af, Class 3, 36 V to 57 V, 0.2 A to 0.15 A, maximum 6.5 W	
Materials	Metal and plastic	
Dimensions	\varnothing 127.3 mm \times 95.9 mm (\varnothing 5.0" \times 3.7")	
Package Dimensions	150 mm \times 150 mm \times 141 mm (5.9" \times 5.9" \times 5.6")	
Weight	Approximately 469 g (1.03 lb)	
With Package Weight	Approximately 705 g (1.55 lb)	
Storage Conditions	-30° to 60° C (-22° to 140° F), humidity 95% or less (non-condensing)	
Startup and Operating Conditions	-30° to 60° C (-22° to 140° F), humidity 95% or less (non-condensing)	
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter	
Approval		
EMC	FCC SDoC (47 CFR Part 15, Subpart B); IC VoC (ICES-003: Issue 6, 2016)	
Protection	IP67 (IEC 60529-2013)	

Dimensions



Accessories

NOT INCLUDED				
				
CPM Ceiling Pendant Mount	CBM Conduit Base	CB130T Conduit Base	PM Pole Mount	PC130T Pendant Cap
				
WML Wall Mount	ABM Angled Base	CM Corner Mount		