



**HIKVISION**

## 4MP Fixed Turret Network Camera with 2.8mm Lens

ECI-T24F2

SKU: 22188    UPC: 842571119565

The ECI-T24F2 from Hikvision uses a 1/3" progressive scan CMOS sensor to capture 2560 x 1440 resolution video at up to 20 fps. IR LEDs provide up to 65' of night vision. The 2.8mm fixed lens delivers a 100 degree horizontal field of view. Integrated PoE technology simplifies connectivity by enabling the transfer of power and data through a single cable.

This turret camera is ONVIF-compliant for profiles S and G making it compatible with a wide range of surveillance devices. It is housed in an IP67-rated metal enclosure that is suitable for outdoor use.

### Features

- High quality imaging with 4 MP resolution
- Efficient H.265+ compression technology
- Clear imaging even with strong back lighting due to 120 dB WDR
- Water and dust resistant (IP67)
- EXIR 2.0: advanced infrared technology with long IR range
- Built-in microphone for real-time audio security(C version)
- Support up to 256 GB SD card storage

### Camera

- Image Sensor 1/3" (4 MP) progressive scan CMOS
- Minimum Illumination Color: 0.15 lux @ (f/2.0, AGC on); 0.03 Lux @ (f/2.0, AGC on), 0 Lux with IR
- 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 120dB
- Angle Adjustment (Bracket) Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360°

### Lens

- Focal Length 2.8 mm, 4 mm, 6 mm
- Aperture f/2.0
- Focus No
- FOV 2.8 mm, horizontal FOV 100°, vertical FOV 55°, diagonal FOV: 117° 4 mm, horizontal FOV 77°, vertical FOV 42°, diagonal FOV: 90° 6 mm, horizontal FOV 52°, vertical FOV 29°, diagonal FOV: 63°
- Lens Mount M12

### IR

- IR Range 2.8/4 mm: up to 65 ft (20 m); 6 mm: up to 100 ft (30 m)
- Wavelength 850 nm

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## 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 16 Mbps

## Smart Features

- Region of Interest One fixed region for main stream and sub-stream

## Image

- Maximum Resolution 2560 × 1440
- Main Stream 20 fps (2560 × 1440), 30 fps (2304 × 1296, 1920 × 1080, 1280 × 720)
- Sub-Stream 30 fps (640 × 480, 640 × 360, 320 × 240)
- Image Enhancement BLC, 3D DNR
- Image Setting Rotate mode, saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
- Day Night Switch Day, night, auto, scheduled

## Network

- Network Storage Supports NAS (NFS,SMB/CIFS)
- 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, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
- General Function Anti-flicker, heartbeat, mirror, 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; three levels: administrator, operator, and user
- Client iVMS-4200, Hik-Connect
- Web Browser IE 8+, Chrome 31 to 44, Firefox 30.0 to 51, Safari 8.0+

## Interface

- Communication Interface 1-Port RJ-45 10M/100M self-adaptive Ethernet port

## General

- Operating Conditions -22° F to 140° F (-30° C to 60° 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, 0.5 A, maximum: 5 W; PoE: (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, maximum: 6.5 W
- Protection Level IP67
- Material Metal
- Dimensions Camera: Ø 4.3" x 3.7" (Ø 110 mm x 93.2 mm)
- Weight Camera: 0.80 lbs (360 g)