# 4MP Fixed Eyeball Network Camera

EC-T4F28M


## Key Features

       

* High quality image with 4MP, 1/3"CMOS sensor
* 4MP (2560\*1440)@25/20fps; 3MP (2304\*1296)@30/25fps; 2MP (1920\*1080)@30/25fps; 720P (1280\*720)@30/25fps
* Ultra 265, H.265, H.264, MJPEG
* Smart IR, up to 30m (98ft) IR distance
* Supports 128 G Micro SD card
* Support PoE power supply
* 3-Axis

## Specifications

|  |  |
| --- | --- |
|  | EC-T4F28M |
| Camera |
| Sensor | 1/3", 4.0 megapixel, progressive scan, CMOS |
| Min. Illumination | Colour: 0.01Lux (F2.0, AGC ON)0Lux with IR |
| Day/Night | IR-cut filter with auto switch (ICR) |
| Shutter | Auto/Manual, 1 ~ 1/100000s |
| Adjustment angle  | Pan: 0° ~ 360° , Tilt: 0° ~ 75°, Rotate: 0° ~ 360° |
| S/N | >56dB |
| WDR | DWDR |
| Lens |
| Lens Type | 2.8mm and 4.0mm @2.0, Fixed-focal |
| Lens Mount | M12 |
| Angle of View (H) | 97.0° | 79.0° |
| Angle of View (V) | 52.2° | 42.3° |
| Angle of View (O) | 107.5° | 85.1° |
| DORI |
| DORI Distance | Lens (mm) | Detect (m) | Observe (m) | Recognize (m) | Identify (m) |
| 2.8 | 63.0 | 25.2 | 12.6 | 6.3 |
| 4.0 | 90.0 | 36.0 | 18.0 | 9.0 |
| Illuminator |
| IR Range | Up to 30m (98ft) IR range |
| Wavelength | 850nm |
| IR On/Off Control | Auto/Manual |
| Video |
| Video Compression | Ultra 265, H.265, H.264, MJPEG  |
| H.264 code profile | Baseline profile, Main profile, High profile |
| Frame Rate | Main Stream: 4MP (2560\*1440), Max 25fps; 3MP (2304\*1296), Max 30fps; 1080P (1920\*1080), Max 30fps; 720P (1280\*720), Max 30fpsSub Stream:D1 (720\*576), Max 30fps; 640\*360,Max 30fps; 2CIF(704\*288), Max 30fps; CIF(352\*288), Max 30fps; |
| Video Bit Rate | 128 Kbps~6144 kbps |
| U-code | Supported |
| OSD | Up to 4 OSDs |
| Privacy Mask | Up to 4 areas |
| ROI | Up to 8 areas |
| Motion Detection | Up to 4 areas |
| Image |
| White Balance | Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2 |
| Image Setting | Image rotation, brightness, saturation, contrast, sharpness, gain adjustable by web browser |
| Digital noise reduction | 2D/3D DNR |
| Smart IR | Support |
| Flip | Normal/Vertical/Horizontal/180° |
| Dewarping | N/A |
| HLC | Supported |
| BLC | Supported |
| Defog | Digital Defog |
| Events |
| Behavior Detection | Cross line, intrusion(based on human body detection) |
| Motion detection, tampering alarm |
| General Function | Watermark, IP address filtering, access policy, ARP protection, RTSP authentication, user authentication |
| Storage |
| Edge Storage | Micro SD, up to 128GB |
| Network Storage | ANR, NAS(NFS) |
| Network |
| Protocols | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, QoS, SSL/TLS, SNMP |
| Compatible Integration | ONVIF (Profile S, Profile G, Profile T), API , SDK |
| User/Host | Up to 32 users. 2 user levels: administrator and common user |
| Security | Password protection, Strong password, HTTPS encryption, Export operation logs, Basic and digest authentication for RTSP, Digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF |
| Client | EZStation EZViewEZLive |
| Web Browser | Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below |
| Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+ |
| Interface |
| Network | 1 \* RJ45 10M/100M Base-TX Ethernet |
| Certification |
| EMC | FCC: FCC Part 15 |
| Safety | CE: EN 60950-1UL: UL60950-1IEC 60950-1 |
| General |
| Power | DC 12V±25%, PoE (IEEE 802.3af) |
| Power consumption: Max 4.0W |
| Power Interface  | Ø 5.5mm coaxial power plug |
| Dimensions (Ø x H) | Φ118 x 97mm (Φ4.6” x 3.8”) |
| Weight | 0.30kg (0.66lb) |
| Material | Metal + Plastic |
| Working Environment | -30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing) |
| Storage Environment | -30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing) |
| Surge Protection | 4KV |
| Reset Button | N/A |
| Ingress Protection | Ingression protection: IP67 |

### Dimensions



### Accessories

TR-JB03-H-IN TR-JB07/WM03-F-IN TR-WM03-B-IN TR-UP06-IN TR-A01-IN

    

TR-SE24-IN TR-SE24-A-IN TR-CM24-IN

   

**Zhejiang Uniview Technologies Co., Ltd.**

Building No.10, Wanlun Science Park, Jiangling Road 88, Binjiang District, Hangzhou, Zhejiang, China (310051)

Email: overseasbusiness@uniview.com; globalsupport@uniview.com

http://www.uniview.com

©2020 Zhejiang Uniview Technologies Co., Ltd. All rights reserved.

\*Product specifications and availability are subject to change without notice.