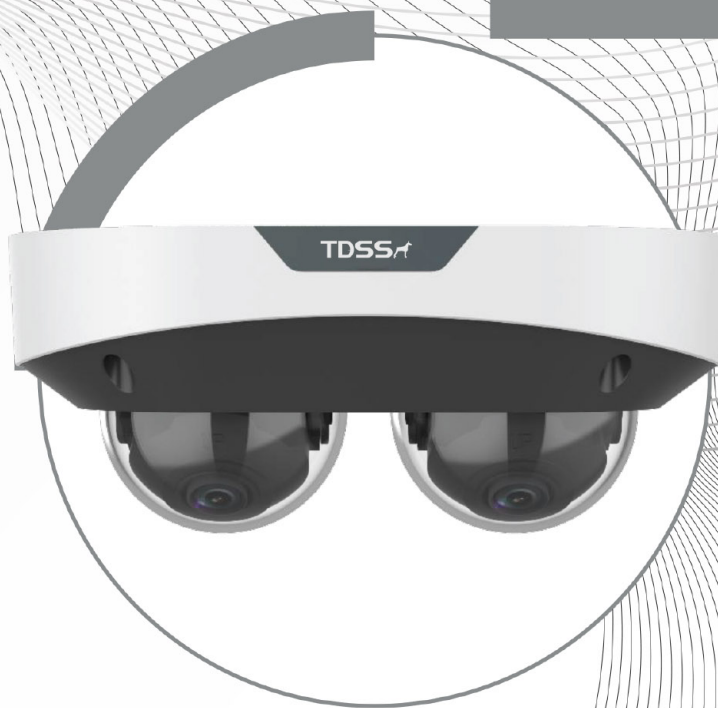


TECHNICAL PRODUCT SHEET

TDODIM4302A-D

2*4MP Dual-channel Non-Splicing Multiview Series IR Fixed Intelligent Network Camera



Features

- High quality image with 2*4MP resolution, 1/3.0"CMOS sensor
- Single IP with dual channels
- 4MP (2688*1520)@25/20fps; 4MP(2560*1440)@25/20fps; 3MP(2304*1296) @30/25fps;2MP(1920*1080)@30/25fps
- Ultra 265, H.264,H.265, MJPEG
- Both channels support intelligent perimeter protection, include cross line, intrusion, enter area, leave area detection
- Based on target classification, smart intrusion prevention significantly reduce false alarm caused by leaves, birds and lights etc., accurately focus on human and motor vehicle and non-motor vehicle
- Intelligent People Flow Counting and Crowd Density Monitoring (Only Channel 1)
- 130dB true WDR technology enables clear image in strong light scene
- Built-in two Mics
- Supports 256 GB Micro SD card
- DC12V or PoE(IEEE 802.3af) power supply
- IP67 protection and IK10 vandal resistant
- 3-Axis

TDODIM4302A-D

Technical Specification

| Camera | | | | | |
|-------------------------|---|----------------|----------------|---------------|-------------------|
| Sensor | 1/3.0", 4.0 megapixel, progressive scan, CMOS | | | | |
| Minimum Illumination | Colour:0.002 (F1.6, AGC ON) 0 lux with IR | | | | |
| Day/Night | IR-cut filter with auto switch (ICR) | | | | |
| Shutter | Auto/Manual, 1 ~ 1/100000s | | | | |
| Adjustment angle | Pan: 0° ~ 180° | | Tilt: 0° ~ 66° | | Rotate: 0° ~ 346° |
| WDR | 130dB | | | | |
| S/N | >52dB | | | | |
| Lens | | | | | |
| Lens type | 2.8mm@F1.6 | | 4.0mm@F1.6 | | |
| Iris | Fixed | | | | |
| Field of View (H) | 97.7° | | 81.4° | | |
| Field of View (V) | 52.7° | | 43.4° | | |
| Field of View (O) | 102.5° | | 86.9 | | |
| DORI | | | | | |
| DORI Distance | Lens (mm) | Detect (m) | Observe (m) | Recognize (m) | Identify (m) |
| | 2.8 | 63.0m(206.7ft) | 25.2m(82.7ft) | 12.6m(41.3ft) | 6.3m(20.7ft) |
| | | | | | |
| 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(2688*1520) ,Max 25fps; 4MP(2560*1440), Max 25fps; 3MP(2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; 720P(1280*720) Max 30fps Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps; Third 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~16 Mbps | | | | |
| U-code | Support | | | | |
| OSD | Up to 8 OSDs | | | | |
| Privacy Mask | Up to 4 areas | | | | |
| ROI | Up to 8 areas | | | | |
| Video Stream | Triple streams | | | | |
| Image | | | | | |
| White Balance | Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2 | | | | |
| Digital Noise Reduction | 2D/3D DNR | | | | |
| Smart IR | Support | | | | |
| Flip | Normal/ Flip Vertical/ Flip Horizontal/180°/90°Clockwise/90°Anti-clockwise | | | | |

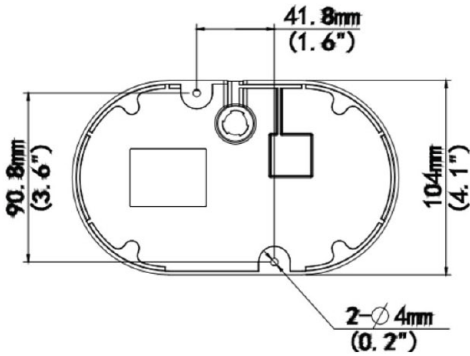
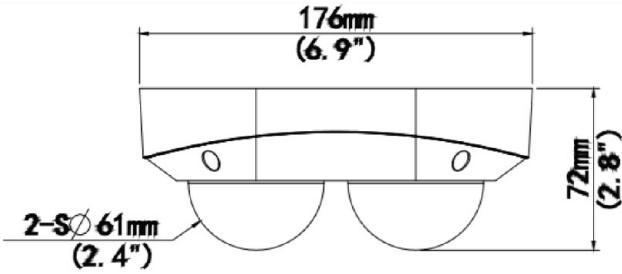
TDODIM4302A-D

| | |
|----------------------------|---|
| Dewarping | N/A |
| HLC | Support |
| BLC | Support |
| Defog | Digital Defog |
| Intelligent | |
| Smart intrusion prevention | Support false alarm filtering: Line crossing detection, Intrusion detection, Enter Area detection, Leave Area detection |
| Statistical Analysis | People counting, support people flow counting and crowd density monitoring(Only Channel 1) |
| Events | |
| Basic Detection | Motion detection, Ultra motion detection, Tampering alarm, Audio detection |
| General Function | Watermark, IP address filtering, Tampering alarm, Access policy, ARP protection, RTSP authentication, User authentication |
| Audio | |
| Audio Compression | G.711U, G.711A |
| Audio Bitrate | 64 Kbps |
| Two-way audio | Support |
| Suppression | Support |
| Sampling Rate | 8KHZ |
| Storage | |
| Edge Storage | Micro SD, up to 256GB |
| Network Storage | ANR, NAS(NFS) |
| Network | |
| Protocols | IPv4,IPv6, IGMP, ICMP ,ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS, SSH |
| Compatible Integration | ONVIF (Profile S, Profile T, Profile G), API,SDK |
| User/Host | Up to 32 users. 3 user levels: administrator, common user and operator |
| 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 EZView EZLive |
| Web Browser | Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above |
| | Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above |
| Interface | |
| Audio I/O | Input: impedance 35kΩ; amplitude 2V [p-p] |
| | Output: impedance 600Ω; amplitude 2V [p-p] |
| Alarm I/O | 1/1 |
| Serial Port | N/A |
| Built-in Mic | Built-in two Mics |
| Built-in Speaker | N/A |
| WIFI | N/A |
| Network | 1 RJ45 10M/100M Base-TX Ethernet |
| Video Output | N/A |

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| Certifications | |
|---------------------|--|
| EMC | CE-EMC (EN 55032, EN 61000-3-3,EN IEC 61000-3-2,EN 55035) FCC (FCC 47 CFR part15 B) |
| Safety | CE-LVD (EN 62368-1) UL/CUL (UL 62368-1, CAN/CSA C22.2 No. 62368-1) |
| Environment | CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); |
| Protection | IP67 (IEC 60529) IK10 (IEC 62262) |
| General | |
| Power | DC 12V±25%, PoE (IEEE 802.3af) |
| | Power consumption: Max 9.1w |
| Power Interface | Ø 5.5mm coaxial power plug |
| Dimensions | 176×104×72mm (6.9" × 4.1" ×2.8") |
| Weight | 0.62kg(1.37lb) |
| Material | Metal |
| 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 | Support |

Dimensions



TDODIM4302A-D

Accessories

TR-A01-IN

Waterproof Joint



| Junction box | Pendent mout |
|--------------------|---|
| TR-JB08+ TR-A01-IN | TR-JB08+ TR-A01-IN + TR-CM24-IN +TR-SE24-IN(TR-SE24-A-IN) |
| | |