

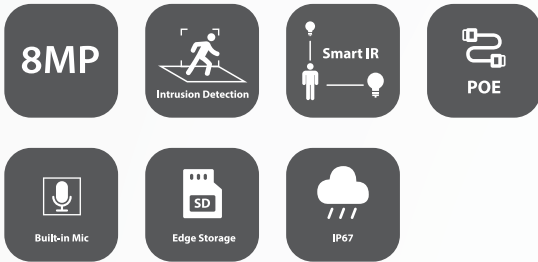


# TECHNICAL PRODUCT SHEET

## **TDOBIM8502A**



### 8MP HD Fixed IR Mini Bullet Network Camera



### Features

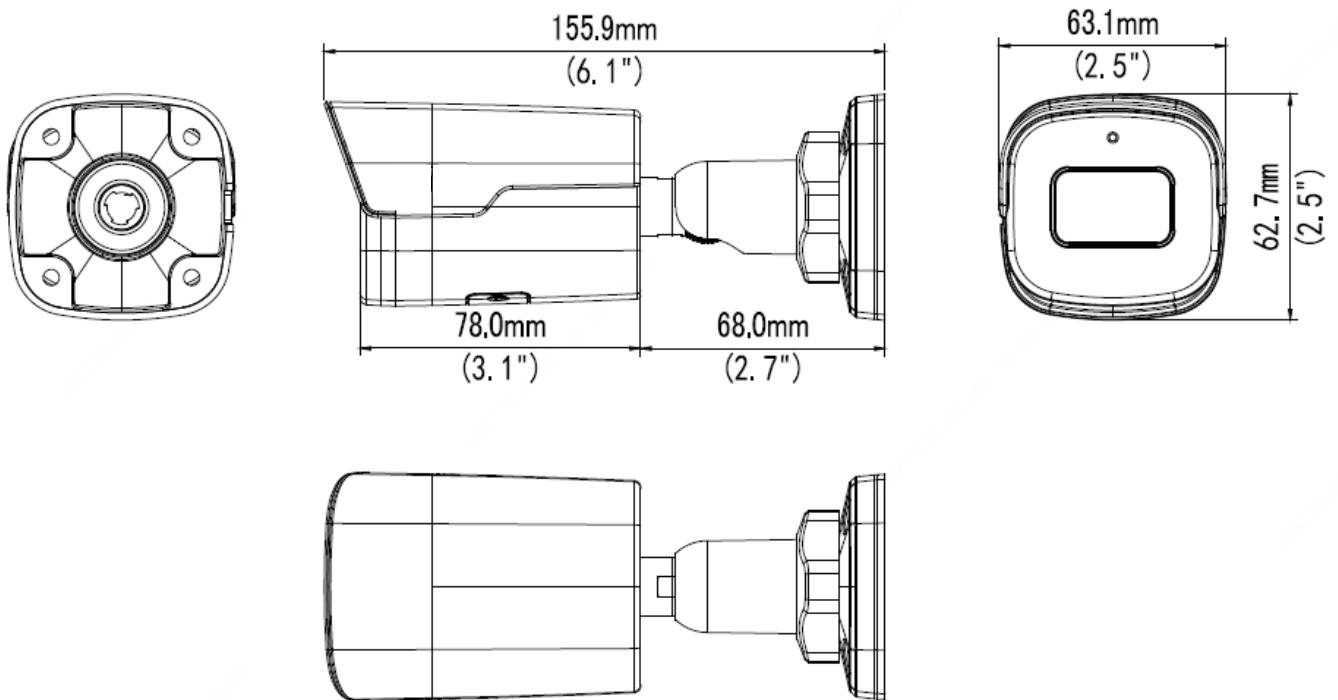
- High quality image with 8 MP, 1/2.8" CMOS sensor
- 8 MP (3840 × 2160)@20 fps; 5 MP (3072 × 1728)@30/25 fps; 4 MP (2560 × 1440)@30/25 fps; 1080P (1920 × 1080)@30/25 fps
- Ultra 265, H.265, H.264, MJPEG
- 120 dB true WDR technology enables clear image in strong light scene
- Supports 9:16 corridor mode
- Built-in mic
- Smart IR, up to 50 m (164.0 ft.) IR distance
- MicroSD, up to 512 GB
- IP67 protection
- Supports PoE power supply
- 3-axis

## Technical Specification

| Camera                     |  |                     |
|----------------------------|--|---------------------|
| Max Resolution             | 8 MP   |                     |
| Sensor                     | 1/2.8" CMOS  |                     |
| Min. Illumination          | Support Easystar: color: 0.005 Lux ( F1.6, AGC ON), 0 Lux with IR on   |                     |
| Day/Night                  | IR-cut filter with auto switch (ICR)   |                     |
| Shutter                    | Auto/Manual, 1 ~ 1/100000s   |                     |
| Adjustment Angle           | Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°   |                     |
| S/N                        | >52 dB   |                     |
| WDR                        | 120 dB   |                     |
| Lens                       |  |                     |
| Focal Length               | 2.8 mm   | 4.0 mm              |
| Iris Type                  | Fixed  |                     |
| Iris                       | F1.6   |                     |
| Field of View (H)          | 98.7°  | 83.1°               |
| Field of View (V)          | 53.9°  | 48.0°               |
| Field of View (D)          | 103.6°   | 86.5°               |
| DORI                       |  |                     |
| DORI Distance (Lens)       | 2.8 mm   | 4 mm                |
| DORI Distance (Detect)     | 86.9 m (285.1 ft.)   | 124.1 m (407.2 ft.) |
| DORI Distance (Observe)    | 34.8 m (114.2 ft.)   | 49.7 m (163.1 ft.)  |
| DORI Distance (Recognize)  | 17.4 m (57.1 ft.)  | 24.8 m (81.4 ft.)   |
| DORI Distance (Identify)   | 8.7 m (28.5 ft.)   | 12.4 m (40.7 ft.)   |
| Illuminator                |  |                     |
| Supplemental Light         | IR   |                     |
| Illumination Distance (IR) | 50 m (164.0 ft.)   |                     |
| Wavelength                 | 850 nm   |                     |
| 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: 8 MP (3840 × 2160), max. 20 fps; 5 MP (3072 × 1728), max. 30 fps; 4 MP (2560 × 1440), max. 30 fps; 1080P (1920 × 1080), max. 30 fps; 720P (1280 × 720), max. 30 fps;<br>Sub Stream: 1080P (1920 × 1080), max. 30 fps; 720P (1280 × 720), max. 30 fps; D1 (720 × 576), max. 30 fps; 640 × 360, max. 30 fps; 2CIF (704 × 288), max. 30 fps; CIF (352 × 288), max. 30 fps; |                     |
| Video Bit Rate             | 128 Kbps to 16 Mbps  |                     |
| U-code                     | Support  |                     |
| OSD                        | Up to 4 OSDs   |                     |
| Privacy Mask               | Up to 4 areas  |                     |
| ROI                        | Support  |                     |
| Video Stream               | Dual streams   |                     |

|                            |   |
|----------------------------|---|
| Suppression                | Supported   |
| Sampling Rate              | 8KHZ  |
| Storage                    |   |
| Edge Storage               | Micro SD, up to 256GB   |
| Network Storage            | ANR, NAS(NFS)   |
| Intelligent                |   |
| Smart Intrusion Prevention | Cross line, intrusion, enter area, leave area detection;  |
| Events                     |   |
| Basic Detection            | Motion detection, tampering alarm, audio detection  |
| General Function           | Watermark, IP address filtering, access policy, ARP protection, RTSP authentication, user authentication        |
| Network                    |   |
| Protocols                  | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, SNMP |
| Compatible Integration     | ONVIF (Profile S, Profile G, Profile T), API  |
| Client                     | TDSS Guardian mobile<br>TDSS GUARDIAN PC/MAC  |
| 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+, Safari 11+                                       |
| Interface                  |   |
| Network                    | 1 RJ45 10M/100M Base-TX Ethernet  |
| Built-in Mic               | Supported   |
| Certifications             |   |
| Certifications             | CE: EN 60950-1<br>UL: UL60950-1<br>FCC: FCC Part 15   |
| General                    |   |
| Power                      | DC 12V±25%, PoE (IEEE 802.3af)  |
|                            | Power consumption: Max 5.0W   |
| Dimensions (L × W × H)     | 155.9 × 63.1 × 62.7mm (6.1" × 2.5" × 2.5")  |
| Net Weight                 | 0.425kg (0.93lb)  |
| 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           | 2KV   |
| Ingress Protection         | IP67  |
| Reset Button               | Supported   |

## Dimensions



## Accessories

TR-UP06-B-IN



TR-JB05-A-IN



TR-UP06-C-IN



TR-A01-IN

