



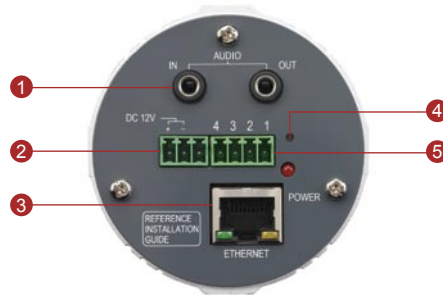
# TCM-1011

## H.264 Indoor IP IR Bullet Camera



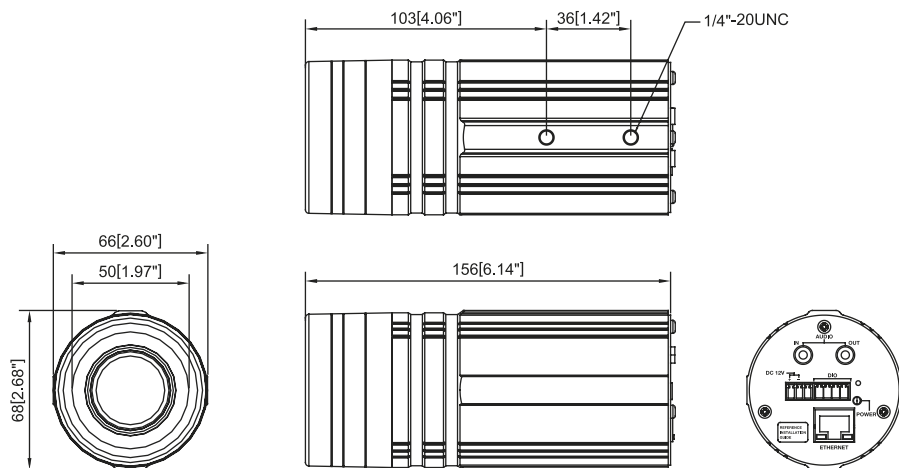
\* The bracket needs to be purchased separately.

- 1/3" Micron Progressive Scan CMOS
- Day and night function with Mechanical IR Cut Filter
- Integrated f3.3 ~ 12 mm / F1.6 varifocal lens
- 0 Lux (IR LED ON)
- H.264 / MPEG-4 SP / MJPEG triple codec with two simultaneous streams
- VGA resolution at 30 FPS
- Wide Dynamic Range function supported
- Shutter Speed, White Balance, Exposure, Gain Controls supported
- Two-way audio supported
- Hardware motion detection, Digital Input / Output
- DC 12V or Power over Ethernet (IEEE 802.3af) supported



- |                        |                          |
|------------------------|--------------------------|
| ① Audio Input / Output | ④ Reset Button           |
| ② DC 12V Power Input   | ⑤ Digital Input / Output |
| ③ Ethernet Port        |                          |

### DIMENSION DIAGRAM



Unit: mm [inch]

**PRODUCT SPECIFICATION**

|                         |                          | TCM-1011  |
|-------------------------|--------------------------|---|
| Image                   | Device                   | Micron Progressive Scan CMOS  |
|                         | Size                     | 1/3 inch  |
|                         | Effective Pixels         | 640(H) x 480(V)   |
| Min. Scene Illumination | Color                    | Color mode automatically switched to B/W mode under 4 Lux   |
|                         | B/W                      | 0 Lux (IR LED ON)   |
|                         | IR Sensitivity           | from 700 nm to 1100 nm  |
|                         | IR LED                   | IR LED x24 (850 nm)   |
|                         | CDS Sensor               | Yes   |
| Lens                    | IR Working Distance      | 20 ~ 30 M (30 IRE)  |
|                         | Focal Length             | f3.3 ~ 12 mm / F1.6   |
| Synchronization         | Viewing Angle            | 77.6° ~ 22.7° (Horizontal)  |
|                         | Sync. System             | Internal  |
| Day/Night Functions     | Mechanical IR Cut Filter | Yes   |
|                         | Functions                | Motion Detection  |
| Electronic Shutter      |                          | 1/5 ~ 1/15,000 sec  |
| Fixed Shutter (Manual)  |                          | 1/30 ~ 1/1,000 sec. (60Hz); 1/25 ~ 1/1,000 sec. (50Hz)  |
| Flickerless             |                          | 1/120 sec. (60 Hz); 1/100 sec. (50 Hz)  |
| AGC                     |                          | Automatic (User defined)  |
| White Balance           |                          | AUTO, INDOOR1, INDOOR2, OUTDOOR1, OUTDOOR2, HOLD CURRENT, MANUAL                                      |
| Wide Dynamic Range      |                          | Yes   |
| S/N Ratio               | S/N Ratio                | Better than 44 dB   |
| Video Compression       | Compression              | H.264/ MPEG-4 SP/ MJPEG simultaneous dual streams selectable  |
|                         | Picture Resolution       | VGA (640x480); QVGA (320 x 240); QQVGA (160 x 112)  |
|                         | Bit Rate                 | 28 K ~ 6 M bps  |
|                         | Image Frame Rate         | 30 fps at VGA resolution  |
| Audio Input             | Compression              | 8kHz, Mono, PCM   |
|                         | Audio Line Input         | Unbalanced, 1.4Vp-p, 1Vrms, 3.5 mm Phone Jack   |
| Audio Output            | Compression              | 8kHz, Mono, PCM   |
|                         | Audio Line Output        | Unbalanced, 1.4Vp-p, 1Vrms, 3.5 mm Phone Jack   |
| Alarm                   | Digital Input            | 1, TTL, terminal block  |
|                         | Digital Output           | 1, TTL, terminal block  |
| External I/O            | Reset Button             | Factory default   |
|                         | LED                      | System status   |
| Network                 | Ethernet Port            | Ethernet(10/100 Base-T), RJ-45 connector  |
|                         | Protocol                 | TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, IPv6, DNS, DDNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UPnP |
| Software                | Web Browser              | Microsoft Internet Explorer 6.0 or above  |
|                         | SDK                      | ACTi SDK-10000  |
|                         | Security                 | Password protection: configured by the administrator  |
| Operating               | Temperature              | 0 °C ~ 50 °C (32°F ~ 122 °F)  |
|                         | Power Requirement        | PoE(IEEE802.3af) with class 3   |
| Power                   | Power Consumption        | 6.96 W (DC 12V) w/ IR LED ON  |
|                         |                          | 8.16 W (PoE) w/ IR LED ON   |
| Physical                | Dimensions (ØxL)         | 68 mm x 130.6 mm (2.68" x 5.14")  |
|                         | Weight                   | 505 g (1.11 lb)   |
| Approvals               | Certificate              | CE, FCC   |

**ACCESSORY OPTIONS****Bracket**

- Camera Bracket PMAX-1100
- Camera Bracket PMAX-1102