



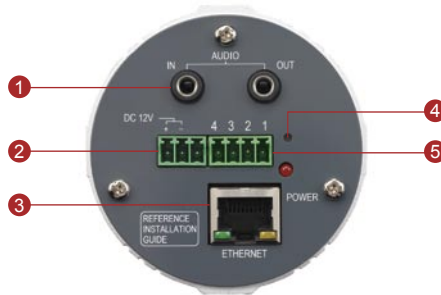
# TCM-1011

## H.264 Indoor IP IR Bullet Camera



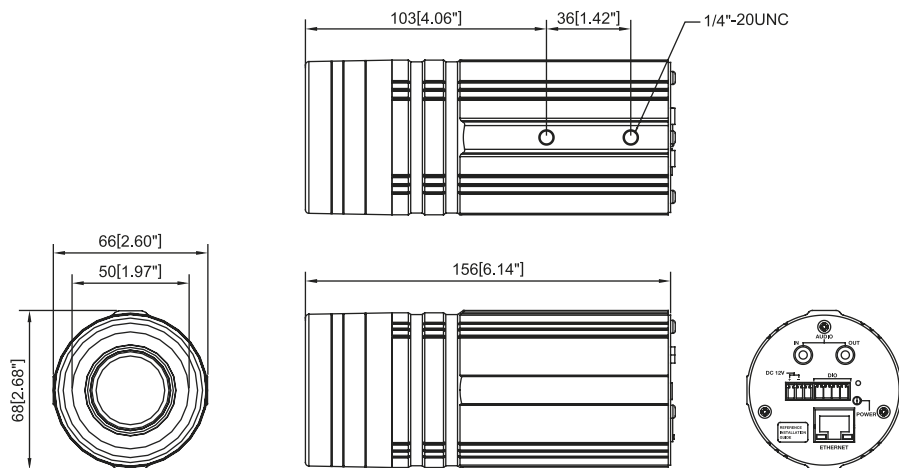
\* The bracket needs to be purchased separately.

- 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

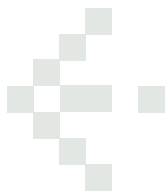


- |                        |                          |
|------------------------|--------------------------|
| ① Audio Input / Output | ④ Reset Button           |
| ② DC 12V Power Input   | ⑤ Digital Input / Output |
| ③ Ethernet Port        |                          |

### 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