

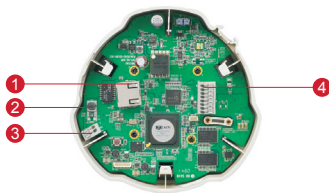
# TCM-3001

H.264 IP PoE Fixed Dome



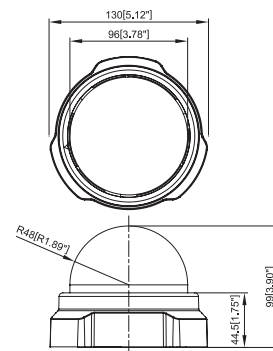
- 1/3" Aptina Progressive Scan CMOS
- Minimum illumination 0.5 lux at F1.0
- Bundled 4.2 mm / F1.8 fixed lens (It is possible to replace the bundled lens with the optional lens for this model)
- 30 fps at 640 x 480 resolution
- Selectable H.264, MPEG-4 SP, MJPEG compressions with dual streaming
- Two-way audio
- Video motion detection
- Digital input and digital output
- Wide Dynamic Range
- Powered by PoE Class 3 / DC 12V

## PHOTO INDICATION



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

## DIMENSION DIAGRAM



Unit: mm [inch]

## ACCESSORY OPTIONS

Lens		
PLEN-0112		Fixed Iris, F2.0, 2.4 mm, 108.7°
Dome Cover		
PDCX-0101		3-inch, smoke, non-vandal proof

Popular Mounting Solutions		
Surface	Accessories not required	
Wall	PMAX-0308 	
Pendant	PMAX-0101 + PMAX-0103 	
Corner	PMAX-0101 + PMAX-0303 + PMAX-0402 	
Pole	PMAX-0101 + PMAX-0303 + PMAX-0502 	
Flush	PMAX-1006 	

\* For more mounting solutions, please refer to Mounting Accessory section of Buyer's Guide or Project Planner v2.0 on [www.acti.com](http://www.acti.com)

**PRODUCT SPECIFICATION****TCM-3001****• Device**

Device Type	Fixed Dome Camera
Image Sensor	Aptina Progressive Scan CMOS
Sensor Size	1/3" (4.8 x 3.6 mm)
Day / Night	No
Minimum Illumination	Color: 0.5 lux at F1.0 (30 IRE, 2400 °K); B/W: 0.5 lux at F1.0 (30 IRE, 2400 °K)
Color to B/W switch	DSP based switch, configurable
Mechanical IR Cut Filter	No
IR Sensitivity Range	No
IR LED	No
Electronic Shutter	1/30 - 1/1,000 sec (60 Hz) ; 1/25 - 1/1,000 sec (50 Hz) (manual mode) 1/5 - 1/15,000 sec (auto mode)

**• Lens \*\***

Focal Length	Fixed focal, f4.2 mm / F1.8
Iris	Fixed iris
Focus	Fixed focus
Mount Type	Board mount (Interchangeable lens)
Horizontal Viewing Angle	64.7°
Viewing Angle Adjustment	Pan: 0° - 170°; Tilt: 0° - 180°

**• Video**

Compression	H.264, MPEG-4 SP, MJPEG
Maximum Frame Rate vs. Resolution	30 fps at 640 x 480 (VGA); 30 fps at 320 x 240 (QVGA); 30 fps at 160 x 112 (QQVGA)
Multi-Streaming	Simultaneous dual streams based on two configurations
Bit Rate	28 Kbps - 6 Mbps (per stream)
Bit Rate Mode	Constant, Variable
S/N Ratio	More than 44 dB
Image Enhancement	Wide dynamic range; White balance: automatic, predefined and manual; Brightness; Saturation; Contrast; Sharpness; Automatic gain control; Auto exposure: automatic, predefined and manual; Flickerless
Privacy Mask	4 configurable regions
Text Overlay	User defined text on video
Image Orientation	Image flip and mirror

**• Audio**

Compression	8 kHz, Mono, PCM, 16 bit encoding
Audio-In	Terminal block
Audio-Out	Terminal block

**• Network**

Protocol & Service	TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, IPv6, DNS, DDNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UPnP, SNMP, Bonjour
Ethernet Port	1, Ethernet (10/100 Base-T), RJ-45 connector
Security	IP address filtering; HTTPS encryption; Password protected user levels

**• Alarm**

Alarm Trigger	Video motion detection (3 regions); External device through digital input
Alarm Response	Notify control center; Change camera settings; Command other devices; E-mail notification with snapshots; Upload video, snapshot to FTP server; Activate external device through digital output

**• Interface**

Digital Input	1, TTL, terminal block
Digital Output	1, TTL, terminal block

**• General**

Power Source / Consumption	PoE Class 3 (IEEE802.3af) / 6.72 W DC 12V / 4.8 W
Weight	350 g (0.7 lb)
Dimensions (Ø x H)	130 mm x 99 mm (5.12" x 3.90")
Mount Type	Surface, Flush, Wall, Pendant, Pole, Corner
Operating Temperature	-10 °C ~ 50 °C (14 °F ~ 122 °F)
Approvals	CE, FCC

**• Integration**

Unified Solution	Fully compatible with ACTi software
ISV Integration	Software Development Kit (SDK) available
Firmware Access Browser	Microsoft Internet Explorer 6.0 or newer