

TCM-4001

H.264 IP PoE Cube Camera with PIR

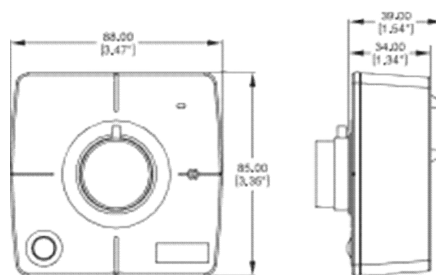


- 1/3" Aptina Progressive Scan CMOS
- Minimum illumination 0.5 Lux at F1.0
- Built-in f4.2 mm / F1.8 fixed lens
- 30 fps at 640 x 480 resolution
- Selectable H.264, MPEG-4 SP, MJPEG compressions with dual streaming
- Two-way audio
- Video motion detection
- Digital input and digital output
- Built-in passive IR sensor
- Powered by PoE Class 3 / DC 12V

PHOTO INDICATION



DIMENSION DIAGRAM



Unit: mm [inch]

ACCESSORY OPTIONS

Lens		
PLEN-0201		Manual Iris, F1.2, 2.4 mm - 6 mm, 113.4° - 46°
PLEN-0202		IR Compatible, Manual Iris, F1.6, 2.8 mm - 12 mm, 94° - 25.5°

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PRODUCT SPECIFICATION

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• Device

Device Type	Cube 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 (2400 °K, 30 IRE); B/W: 0.5 lux at F1.0 (2400 °K, 30 IRE)
Color to B/W switch	DSP based switch, configurable
Mechanical IR Cut Filter	No
IR Sensitivity Range	No
Electronic Shutter	1/30 - 1/1,000 sec (60Hz); 1/25 - 1/1,000 sec (50Hz) (manual mode) 1/5 - 1/15,000 sec(auto mode)

• Lens

Focal Length	Fixed focal, f4.2 mm / F1.8
Iris	Fixed iris
Focus	Manual focus
Mount Type	CS mount (interchangeable lens)
Horizontal Viewing Angle	64.1°

• 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	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	Built-in microphone
Audio-Out	Sensitivity: -36±3dB(0dB=1V/Pa); S/N Ratio: more than 58 dB; Directivity: Omni-directional 3.5 mm Phone Jack

• 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
Passive IR Sensor	Yes

• General

Power Source / Consumption	DC 12V / 3.84 W PoE Class 3 (IEEE802.3af) / 4.32 W
Weight	160 g (0.35 lb)
Dimensions (W x H x D)	88 mm x 85 mm x 39 mm (3.47" x 3.35" x 1.54")
Bundled Accessories	Bracket
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