

TCM-5001

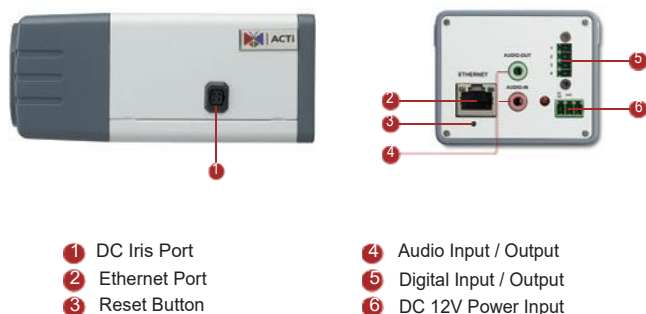
H.264 IP PoE Box Camera



* One fixed lens is included.

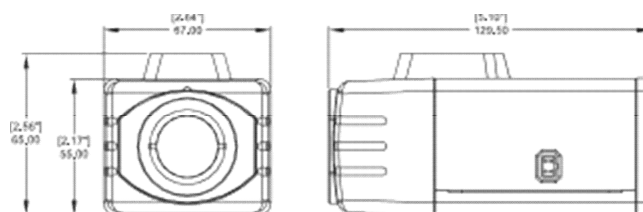
- 1/3" Aptina Progressive Scan CMOS
- Minimum illumination 0.5 lux at F1.0
- Built-in 4.2 mm / F1.8 fixed lens
- 30 fps at 640 x 480 resolution
- Selectable H.264, MPEG-4 SP, MJPEG compressions with dual streaming
- Two-way audio
- Video motion detection
- Digital input and digital output
- Wide Dynamic Range
- Powered by PoE Class 3 / DC 12V

PHOTO INDICATION



- ① DC Iris Port
- ② Ethernet Port
- ③ Reset Button
- ④ Audio Input / Output
- ⑤ Digital Input / Output
- ⑥ DC 12V Power Input

DIMENSION DIAGRAM



Unit: mm [inch]

ACCESSORY OPTIONS

Lens		
PLEN-0201		Manual Iris, F1.2, 2.4 mm - 6 mm, 101.3° - 45.6°
PLEN-0202		IR Compatible, Manual Iris, F1.6, 2.8 mm - 12 mm, 91.1° - 22.9°
PLEN-0203		IR Compatible, DC Iris, F1.3, 2.8 mm - 12 mm, 90° - 23°

Outdoor Housing & Bracket		
PMAX-0200		IP66, with heater and fan powered by 110V AC, -30 °C ~ 50 °C (-22 °F ~ 122 °F), requires housing bracket
PMAX-0201		IP66, with heater and fan powered by 220V AC, -30 °C ~ 50 °C (-22 °F ~ 122 °F), requires housing bracket
PMAX-0202		IP66, 0 °C ~ 50 °C (32 °F ~ 122 °F), requires housing bracket
PMAX-1101		Aluminum, max. load 10 kg (22.05 lb), tilt angle 90° (For PMAX-0200, PMAX-0201, PMAX-0202)

Camera Bracket		
PMAX-1100		Plastic, max. load 3.5 kg (7.72 lb), tilt angle 90°

Box Camera

TCM-5001

PRODUCT SPECIFICATION

TCM-5001

• Device

Device Type	Box 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 (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	C/CS mount (interchangeable lens)
Horizontal Viewing Angle	64.4°

• 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	3.5 mm Phone Jack
Audio-Out	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 (10/100Base-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

DC Iris Connector	External connector for DC iris lens
Digital Input	1, TTL, terminal block
Digital Output	1, TTL, terminal block

• General

Power Source / Consumption	PoE Class 3 (IEEE802.3af) / 6.24 W DC 12 V / 5.16 W
Weight	400 g (0.88 lb)
Dimensions (W x H x D)	67 mm x 55 mm x 129.5 mm (2.64" x 2.17" x 5.10")
Operating Temperature	0 °C ~ 50 °C (32 °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