

# TCM-7811

## H.264 Megapixel IP IR D/N CCD Vandal Proof Outdoor PoE Fixed Dome



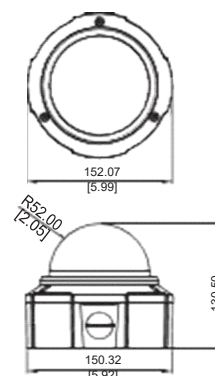
- 1/3" Progressive Scan CCD
- Day and night function with mechanical IR cut filter
- Minimum illumination 0 lux with IR LED on
- Built-in f3-9 mm / F1.2 Megapixel DC iris vari-focal lens
- 15 fps at 1280 x 960 resolution
- Selectable H.264, MPEG-SP, MJPEG compressions with dual streaming
- Two-way audio
- Video motion detection
- Digital input and digital output
- MicroSD/ MicroSDHC card slot for local storage
- Vandal proof IK10 and weatherproof IP66 rated casing
- Powered by PoE Class 3 / DC 12V

### PHOTO INDICATION



- 1 Ethernet Port
- 2 Reset Button
- 3 Power Button
- 4 Audio & Digital Input / Output
- 5 DC 12V Power Input
- 6 MicroSD / MicroSDHC Card Slot

### DIMENSION DIAGRAM



Unit: mm [inch]

### ACCESSORY OPTIONS

Dome Cover		
PDCX-1104		4-inch, smoke, vandal proof

Power Adapter		
PPBX-0002		Universal Power Adapter, 100~240V, 4 different connectors included

Popular Mounting Solutions		
Surface	Accessories not required	
Wall	PMAX-0308	
Corner	PMAX-0101, PMAX-0303, PMAX-0402	
Flush	PMAX-1004	
Pendant	PMAX-0101, PMAX-0103	
Pole	PMAX-0101, PMAX-0303, PMAX-0502	

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

## PRODUCT SPECIFICATION

## TCM-7811

## • Device

Device Type	Fixed Dome Camera
Image Sensor	Progressive Scan CCD
Sensor Size	1/3" (4.8 x 3.6 mm)
Horizontal Resolution	900 TVL
Day / Night	Yes
Minimum Illumination	Color: 0.15 lux at F1.2 (30 IRE, Max. AGC); B/W: 0 lux (IR LED on)
Color to B/W switch	CDS sensor based switch, configurable; DSP based switch, configurable
Mechanical IR Cut Filter	Yes
IR Sensitivity Range	700 - 1100 nm
IR LED	IR LED x 31 (850 nm)
IR Working Distance	40 m (0 lux, 30 IRE, Max Exposure Gain)
Electronic Shutter	1/60 - 1/10,000 sec (60Hz); 1/50 - 1/10,000 sec (50Hz) (manual mode) 2 - 1/100,000 sec (auto mode)

## • Lens

Focal Length / Aperture	Vari-focal, f3 - 9 mm / F1.2
Iris	DC iris
Focus	Manual focus
Horizontal Viewing Angle	85.8° - 30.3°
Viewing Angle Adjustment	Pan: 0° - 360°; Tilt: 10° - 90°; Rotate: 0° - 360°

## • Video

Compression	H.264, MPEG-4 SP, MJPEG
Maximum Frame Rate vs. Resolution	15 fps at 1280 x 960; 30 fps at 1280 x 720 (HD 720p); 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 50 dB
Image Enhancement	Backlight compensation; White balance: automatic, hold, predefined and manual; Brightness; 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; IEEE 802.1X network access control

## • 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; Save video or snapshot to local storage; Upload video, snapshot to FTP server; Activate external device through digital output

## • Interface

Digital Input	1, terminal block
Digital Output	1, terminal block
Local Storage	MicroSD / MicroSDHC memory card slot (card not included)

## • General

Power Source / Consumption	PoE Class 3 (IEEE802.3af) / 11.52 W (heater and fan off) PoE Class 3 (IEEE802.3af) / 12.96 W (fan on) DC 12V / 8.76 W (heater and fan off) DC 12V / 10.8 W (heater and fan on) (adapter not included)
Weight	1420 g (3.13 lb)
Dimensions (Ø x H)	152.00 mm x 131.50 mm (5.98" x 5.18")
Environmental Casing	Weatherproof (IP66 rated); Transparent vandal proof dome cover, up to 1743.68 kgF (3844.16 lbF), IK10
Mount Type	Surface, Pendant, Wall, Corner, Pole, Flush
Operating Temperature	-30 °C ~ 50 °C (-22 °F ~ 122 °F) for DC 12V -5 °C ~ 50 °C (23 °F ~ 122 °F) for PoE
Operating Humidity	10% ~ 85% RH
Approvals	Camera: CE, FCC, IP66

## • Integration

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

\* All specifications are subject to change without notice.

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