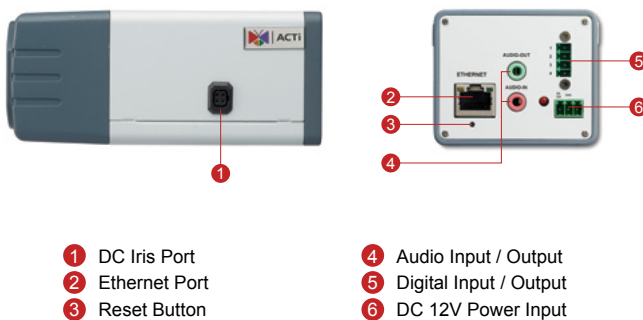


# TCM-5601/TCM-5611

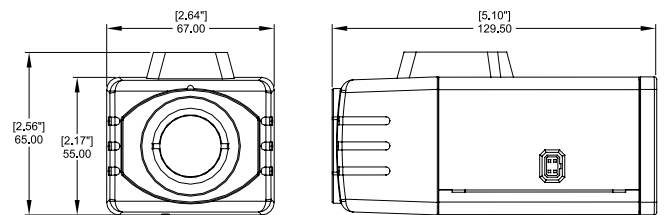


- 1/3" Aptina Progressive Scan CMOS
- Day and night function with mechanical IR cut filter (TCM-5611)
- Minimum illumination 0.5 lux at F1.0 (TCM-5601) / 0.05 lux at F1.0 (TCM-5611)
- Bundled f4.2 mm / F1.8 Megapixel fixed lens
- 18 fps at 1280 x 1024 resolution
- Selectable H.264, MPEG-4 SP, MJPEG compressions 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



## DIMENSION DIAGRAM



Unit: mm [inch]

## ACCESSORY OPTIONS

### Lens

PLEN-0201		Manual Iris, F1.2, 2.4 mm - 6 mm, 101.3° - 45.6° (For TCM-5601 only)
PLEN-0202		IR Compatible, Manual Iris, F1.6, 2.8 mm - 12 mm, 91.1° - 22.9°
PLEN-0212		IR Compatible, DC Iris, F1.2, 3.1 mm - 8 mm, 85.91° - 34.12°

### Popular Mounting Solutions

Corner	PMAX-0200/ PMAX-0201 PMAX-1101 PMAX-0402	
Pole	PMAX-0200/ PMAX-0201 PMAX-1101 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)

### 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°
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# TCM-5601/TCM-5611

## PRODUCT SPECIFICATION

	TCM-5601	TCM-5611
<b>• Device</b>		
Device Type	Box Camera	
Image Sensor	Aptina Progressive Scan CMOS	
Sensor Size	1/3" (4.8 x 3.6 mm)	
Day / Night	No	Yes
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: 0.5 lux at F1.0 (30 IRE, 2400°K) B/W: 0.05 lux at F1.0 (30 IRE, 2400°K)
Color to B/W switch	DSP based switch, configurable	CDS sensor based switch, configurable DSP based switch, configurable
Mechanical IR Cut Filter	No	Yes
IR Sensitivity Range	No	700 - 1100 nm
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)	
<b>• Lens</b>		
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°	
<b>• Video</b>		
Compression	H.264, MPEG-4 SP, MJPEG	
Maximum Frame Rate vs. Resolution	18 fps at 1280 x 1024 (SXGA); 26 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 44 dB	
Image Enhancement	Wide dynamic range; White balance: automatic, hold, 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	
<b>• Audio</b>		
Compression	8 kHz, Mono, PCM, 16 bit encoding	
Audio-In	3.5 mm Phone Jack	
Audio-Out	3.5 mm Phone Jack	
<b>• Network</b>		
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	
<b>• Alarm</b>		
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	
<b>• Interface</b>		
DC Iris Connector	External connector for DC Iris lens	
Digital Input	1, terminal block	
Digital Output	1, terminal block	
<b>• General</b>		
Power Source / Consumption	DC 12V / 5.16 W PoE Class 3 (IEEE802.3af) / 6.24 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)	
Operating Humidity	10% ~ 85% RH	
Approvals	Camera: CE, FCC; Adapter: CE, TUV-GS, UL, RCM, CCC	
<b>• Integration</b>		
Unified Solution	Fully compatible with ACTi software	
ISV Integration	Software Development Kit (SDK) available	
Firmware Access Browser	Microsoft Internet Explorer 6.0 or newer	