

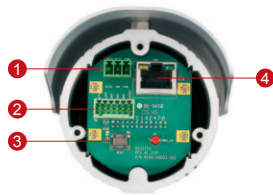
# ACM-1231

Megapixel IP IR D/N PoE  
Outdoor Bullet Camera



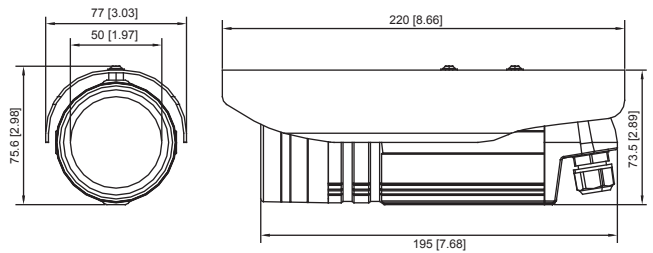
- 1/3" Progressive Scan CMOS
- Day and night function with mechanical IR cut filter
- Minimum illumination 0 lux with IR LED on
- Built-in f3.3-12 mm / F1.6 Megapixel vari-focal lens
- 8 fps at 1280 x 1024 resolution
- Selectable MPEG-4 SP, MJPEG compressions
- Two-way audio
- Video motion detection
- Weatherproof IP66 rated casing
- Powered by PoE Class 3 / DC 12V

## PHOTO INDICATION



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

## DIMENSION DIAGRAM



Unit: mm [inch]

## ACCESSORY OPTIONS

### Camera Bracket

PMAX-1103



Aluminum, max. load 10 kg (22.05 lb), tilt angle 90°, swivel angle 360°

### Power Adapter

PPBX-0002



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

### Popular Mounting Solutions

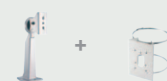
Corner

PMAX-1103  
PMAX-0402



Pole

PMAX-1103  
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

## ACM-1231

## • Device

Device Type	Bullet Camera
Image Sensor	Progressive Scan CMOS
Sensor Size	1/3" (4.8 x 3.6 mm)
Day / Night	Yes
Minimum Illumination	Color: 0.5 lux at F1.0 (30 IRE, 2400°K) ; B/W: 0 lux (IR LED on)
Color to B/W switch	CDS sensor based switch
Mechanical IR Cut Filter	Yes
IR Sensitivity Range	700 - 1100 nm
IR LED	IR LED x 24 (850 nm)
IR Working Distance	30 m (0 lux, 30 IRE, Max Exposure Gain)
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 / Aperture	Vari-focal, f3.3 - 12 mm / F1.6
Iris	Fixed iris
Focus	Manual focus
Horizontal Viewing Angle	85.9° - 23.1°

## • Video

Compression	MPEG-4 SP, MJPEG
Maximum Frame Rate vs. Resolution	8 fps at 1280 x 1024 (SXGA); 10 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	Multiple streams based on single configuration
Bit Rate	28 Kbps - 3 Mbps (per stream)
Bit Rate Mode	Constant, Variable
S/N Ratio	More than 44 dB
Image Enhancement	White balance: automatic, hold, predefined and manual; Brightness; Saturation; Contrast; Sharpness; Automatic gain control; Auto exposure: automatic, predefined and manual; Flickerless
Privacy Mask	1 configurable region
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, 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)
Alarm Response	Notify control center; Change camera settings; Command other devices; E-mail notification with snapshots; Upload video, snapshot to FTP server

## • General

Power Source / Consumption	PoE Class 3 (IEEE802.3af) / 6.24 W (IR on) DC 12V / 6 W (IR on) (adapter not included)
Weight	685 g (1.51 lb)
Dimensions (Ø x L)	77 mm x 220 mm (3.03" x 8.66")
Environmental Casing	Weatherproof (IP66 rated)
Operating Temperature	-20 °C ~ 50 °C (-4 °F ~ 122 °F)
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