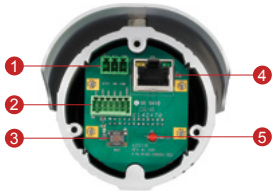
ACM-1431

IP IR D/N CCD Outdoor PoE Bullet Camera

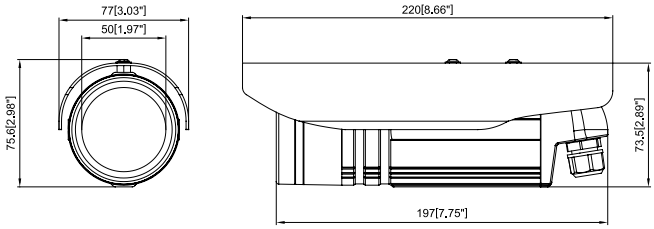
- 1/3” Sony Super HAD interlaced scan CCD
- Minimum illumination 0 lux with IR LED on
- Built-in f3.8-9.5 mm / F1.2 DC Iris vari-focal lens
- 25/30 fps at full D1 resolution
- Selectable MPEG-4 SP, MJPEG compressions
- Two-way audio
- Video motion detection
- Analog video output with 540 TVL
- Weatherproof IP66 rated casing
- Powered by PoE Class 3 / DC 12V
- ACM-1431N (NTSC) / ACM-1431P (PAL)

PHOTO INDICATION



1. DC 12V Power Input
2. Audio Input / Output & Video Output
3. Reset Button
4. Ethernet Port
5. Power LED

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°

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

Bullet Camera

ACM-1431

PRODUCT SPECIFICATION

	ACM-1431
• Device	
Device Type	Bullet Camera
Image Sensor	Sony Super HAD Interlaced Scan CCD
Sensor Size	1/3" (4.8 x 3.6 mm)
Horizontal Resolution	540 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
Mechanical IR Cut Filter	Yes
IR Sensitivity Range	700 - 1100 nm
IR LED	IR LED x 15 (850 nm)
IR Working Distance	30 m (0 lux, 30 IRE, Max Exposure Gain)
Electronic Shutter	1/60 sec (NTSC); 1/50 sec (PAL) (manual mode) 1/60~1/100,000 sec.(NTSC); 1/50~1/100,000 sec. (PAL) (auto mode)
• Lens	
Focal Length	Vari-focal, f3.8 - 9.5 mm / F1.2
Iris	DC Iris
Focus	Manual focus
Horizontal Viewing Angle	73.4° - 29.7°
• Video	
Compression	MPEG-4 SP, MJPEG
Maximum Frame Rate vs. Resolution	30 fps at 720 x 480 (Full D1, NTSC); 25 fps at 720 x 576 (Full D1, PAL) 30 fps at 640 x 480 (VGA, NTSC); 25 fps at 640 x 480 (VGA, PAL) 30 fps at 352 x 240 (CIF, NTSC); 25 fps at 352 x 288 (CIF, PAL) 30 fps at 160 x 112 (QCIF, NTSC); 25 fps at 176 x 144 (QCIF, PAL)
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 50 dB
Image Enhancement	Backlight compensation; White balance: automatic, hold, predefined and manual; Brightness; Saturation; Contrast; Automatic gain control
Privacy Mask	1 configurable region
Text Overlay	User defined text on video
Image Orientation	Image 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
• 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
• Interface	
Analog Video Output	1, CVBS, 1.0Vp-p with 75 Ω terminal block
• General	
Power Source / Consumption	PoE Class 3 (IEEE802.3af) / 8.4 W (IR on) DC 12V / 7.1 W (IR on)
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 ~ 40 °C (-4 °F ~ 104 °F)
Operating Humidity	10% ~ 85% RH
Approvals	Camera: CE, FCC, IP66; Adapter: CE, TUV-GS, UL, RCM, CCC
• 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

* All specifications are subject to change without notice.
* All brand names and registered trademarks are the property of their respective owners.