E31

## 1MP Bullet with D/N, IR, Basic WDR, Fixed lens

- Progressive Scan CMOS
- Day and night function with mechanical IR cut filter
- Minimum illumination 0 lux with IR LED on
- Built-in f4.2 mm / F1.8 Megapixel fixed lens
- 30 fps, at 1280 x 720 resolution
- Selectable H.264 HP, MJPEG compressions with dual streaming
- Video motion detection
- Basic WDR
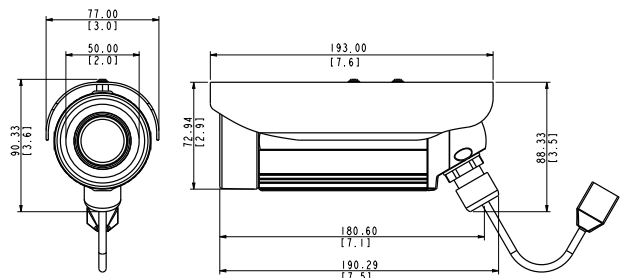- Weatherproof IP66 rated casing
- Powered by PoE Class 2

* The bracket is included.

PHOTO INDICATION

Internal

External
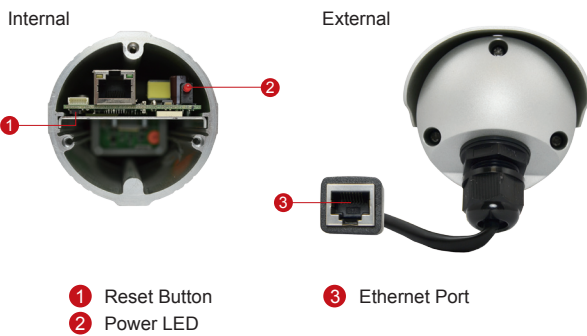
1 Reset Button
2 Power LED
3 Ethernet Port

DIMENSION DIAGRAM

77.00 [3.0]
50.00 [2.0]
90.33 [3.6]
193.00 [7.6]
72.94 [2.9]
88.33 [3.5]
180.60 [7.1]
190.29 [7.5]

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-0503	+
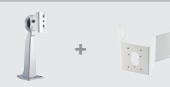
* For more mounting solutions, please refer to Project Planner on www.acti.com

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* Latest product information: www.acti.com/product/
* Accessory information: www.acti.com/accessory/

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▌PRODUCT SPECIFICATION

E31	
• Device	
Device Type	Bullet Camera
Image Sensor	Progressive Scan CMOS
Sensor Size	1/'4"
Day / Night	Yes
Minimum Illumination	Color: 0.1 lux at F1.8 (30 IRE, 2400°K); B/W: 0 lux (IR LED on)
Color to B/W switch	ISP sensor based switch; Configurable
Mechanical IR Cut Filter	Yes
IR Sensitivity Range	700 - 1100 nm
IR LED	IR LED x 20 (850 nm)
IR Working Distance	15 m (0 lux, 30 IRE, Max Exposure Gain)
Electronic Shutter	1/5 ~ 1/2,000 sec (manual mode); 1/5 ~ 1/10,000 sec (auto mode)
• Lens	
Focal Length / Aperture	Fixed focal, f4.2 mm / F1.8
Iris	Fixed iris
Focus	Fixed Focus
Lens Mount	Board Mount
Horizontal Viewing Angle	55.9°
• Video	
Compression	H.264 HP, MJPEG
Maximum Frame Rate vs. Resolution	30 fps at 1280 x 720; 30 fps at 640 x 480
Multi-Streaming	Simultaneous dual streams based on two configurations
Bit Rate	28 Kbps - 6 Mbps (per stream)
Bit Rate Mode	Constant, Variable
Image Enhancement	Basic WDR; White balance: automatic, hold, and manual; Brightness; Contrast; Sharpness(auto); Auto gain control; Digital noise reduction; Flickerless
Privacy Mask	4 configurable regions
Text Overlay	User defined text on video
Image Orientation	Image flip and mirror
• 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; Anonymous login; 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 2 (IEEE802.3af) / 5.41 W (IR on)
Weight	584 g (1.29 lb)
Dimensions (Ø x L)	77 mm x 196.74 mm (3.04" x 7.7")
Bundled Accessories	Bracket
Environmental Casing	Weatherproof (IP66 rated)
Mount Type	Wall, Ceiling, Corner, Pole
Starting Temperature	-20 °C ~ 50 °C (-4 °F ~ 122 °F)
Operating Temperature	-40 °C ~ 50 °C (-40 °F ~ 122 °F)
Operating Humidity	10% ~ 85% RH
Approvals	CE (EN 55022 Class B, EN 55024), FCC (Part15 Subpart B Class B), IP66
• Integration	
Unified Solution	Fully compatible with ACTi software
ISV Integration	Software Development Kit (SDK) available; ONVIF compliant
Firmware Access Browser	Microsoft Internet Explorer 8.0 or newer (full functionality); Other browsers with VLC installed (partial functionality)

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