# E31
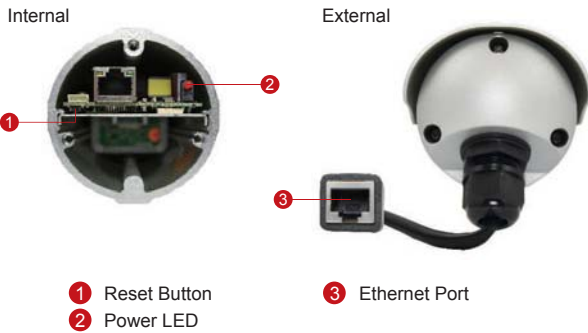
## 1MP Bullet with D/N, IR, Basic WDR, Fixed lens



* The bracket is included.

- 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
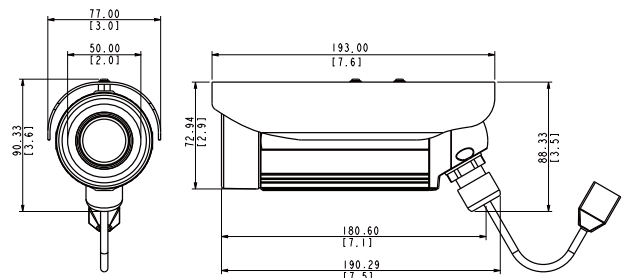- Weatherproof IP66 rated casing
- Powered by PoE Class 2

## 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-0502 | + |

* For more mounting solutions, please refer to Mounting Accessory section of Buyer's Guide or 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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IP VIDEO SOLUTION PRODUCT

Hemispheric

Dome

Bullet

Box

Cube

PTZ

Speed Dome

Video Encoder

Video Decoder

Bullet Camera

# E31

## PRODUCT SPECIFICATION

| E31 | |
|---|---|
| **• Device** | |
| Device Type | Bullet Camera |
| Image Sensor | Progressive Scan CMOS |
| 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 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 (HD 720p); 30 fps at 640 x 480 (VGA); |
| 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; 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 |
| Operating Temperature | -20 °C ~ 50 °C (-4 °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) |

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

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