

A31

3MP Bullet with D/N, Adaptive IR, Extreme WDR, SLLS, Fixed Lens



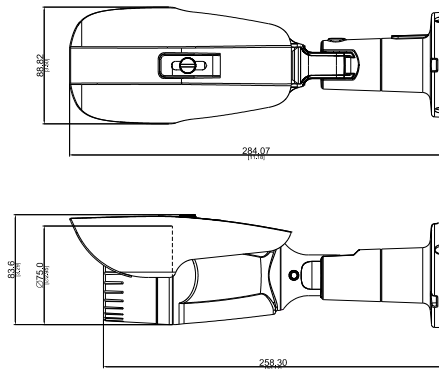
- 3 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- Fixed Lens with f2.8mm / F1.85, Fixed-Iris, Fixed Focus
- Extreme WDR
- 30 fps at 2048 x 1536
- Super wide angle
- Weatherproof (IP66)

PHOTO INDICATION



- ① Audio Output
- ② DC 12V Power Input

DIMENSION DIAGRAM



Unit: mm [inch]

ACCESSORY OPTIONS

Power Supply

PPOE-0001



IEEE 802.3af PoE Injector for Class 1, 2 or 3 devices, with universal adapter

Popular Mounting Solutions

Pole

PMAX-0506



Junction Box

PMAX-0704



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

PRODUCT SPECIFICATION**A31****• Device**

Device Type	Outdoor Bullet Camera
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.8"
Effective Pixels	2065 (H) x 1553 (V) (3.21 MP)
Horizontal Resolution	1300 TVL
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.1 lux at F1.85 (30 IRE, 2400°K); B/W: 0.01 lux (AGC on)
Mechanical IR Cut Filter	Yes
IR Sensitivity Range	700 - 1150nm
IR LED	Adaptive IR LED x 22 (850nm)
IR Working Distance	30 m (0 lux, 30 IRE, Gain 255, Auto shutter mode)
Electronic Shutter	1/5 ~ 1/16,000 sec
S/N Ratio	56 dB

• Lens

Focal Length / Aperture	Fixed, f2.8 mm / F1.85
Iris	Fixed iris
Focus	Fixed focus
Horizontal Viewing Angle	106.9°
Vertical Viewing Angle	79.9°

• Video

Compression	H.265, H.264, MJPEG
Max. Frame Rate vs. Resolution	30 fps at 2048 x 1536; 30 fps at 1920 x 1080; 30 fps at 1280 x 720; 30 fps at 800 x 600; 30 fps at 640 x 480; 30 fps at 320 x 240
Multi-Streaming	Simultaneous dual streams based on two configurations
Privacy Mask	4 Configurable regions
Image Enhancement	Extreme WDR (100 dB); White balance: automatic, manual; Brightness; Digital image stabilizer; Contrast; Sharpness (auto); Auto gain control; Flickerless; 2D + 3D digital noise reduction; Defogging
Text Overlay	User defined text on video
Image Orientation	Mirror, Flip, Rotation

• Network

Protocol & Service	IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP
Ethernet Port	1, Ethernet (10/100 Base-T), RJ-45 connector
Security	IP address filtering; HTTPs encryption; Password protected user levels; Anonymous login; IEEE802.1X network access control

• Alarm

Alarm Trigger	Video motion detection (3 regions); Tampering detection
Alarm Response	Notify control center; Change camera settings; Command other devices; E-mail notification with snapshots; Upload video or snapshot to FTP server

• General

Power Source / Consumption	PoE Class 3 / 8W; DC 12V / 8 W
Weight	0.82 kg (1.807 lb)
Dimensions (Ø x H)	80 x 258.3 mm (3.15" x 10.17")
Environmental Casing	Weatherproof (IP66 rated)
Mount Type	Integrated Bracket, Pole Mount
Starting Temperature	-20°C ~ 50°C (-4°F ~ 122°F) within 30 minutes
Operating Temperature	-20°C ~ 50°C (-4°F ~ 122°F)
Operating Humidity	20% ~ 80% RH
Approvals	CE (EN 55022 CLASS A; EN 55024); FCC (Part15 subpart B CLASS A); IP66; IK10 (Metal Casing); Nema 4X

• Integration

Unified Solution	Fully compatible with ACTi software
ISV Integration	Software Development Kit (SDK) available; ONVIF compliant
GPS Position	Manual setting
Firmware Access Browser	Microsoft Internet Explorer 8.0 or newer (full functionality) Safari with QuickTime installed, and other browsers with VLC installed (partial functionality)