Z34

4MP f2.8mm Fixed Bullet with IR LED 40m (1.0 lux), WDR 120dB

- 4 Megapixel, f2.8mm, Fixed Bullet
- IR LED 40m, Superior WDR (120 dB)
- Weatherproof (IP68), Vandal proof (IK10), NEMA 4X, UL Listed

Specifications

Product Profile

Product Type	Fixed Bullet
Application Environment	Outdoor
Maximum Resolution	4MP
Image Sensor	Progressive Scan CMOS
Sensor Size	1/3 "
Effective Pixels	2688(H) X 1520(V) (4.09 MP)
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.03 lux; B/W: 0 lux (IR LED on)
Mechanical IR Cut Filter	Yes
IR LED	Adaptive IR LED x 1 (850 nm)
IR Working Distance	40m (1.0 lux)
Electronic Shutter	1-1/100000 second (manual mode); 1-1/100000 second (auto mode)
S/N Ratio	75 dB

Lens

Focal Length	Fixed focal, f2.8mm

Aperture	F2.0
Iris	Fixed iris
Focus	Fixed focus
Lens Mount	Board mount
Horizontal Viewing Angle	99.8°
Vertical Viewing Angle	56°

Video

Compression	H.265, H.264 (Baseline/ Main profile), MJPEG
Maximum Frame Rate vs. Resolution	20 fps at 2592 x 1520 20 fps at 2048 x 1520 20 fps at 1920 x 1080 20 fps at 1280 x 720 20 fps at 640 x 360 20 fps at 704 x 576 20 fps at 704 x 288 20 fps at 352 x 288
Bit Rate Mode	Constant, Variable
Multi-Streaming	Simultaneous triple streams
Digital Noise Reduction	2D + 3D DNR
Wide Dynamic Range	Superior WDR (120 dB)
Image Orientation	Flip, Mirror
Image Enhancement	White Balance, Backlight compensation (BLC), Brightness, Contrast, Sharpness, Automatic gain control (AGC)
Privacy Mask	4 configurable regions
Text Overlay	Yes
Built-in Analytics	Tampering Detection, Intrusion Detection (Forbidden Area Detection)*
Server-based Analytics	Object Line Counting, People Counting, Face Detection, Object Based Motion Detection, Tamper, Object Line Crossing Detection, Object Enter Area Detection, Missing Object Detection, Unattended Object Detection, Smoke Detection, Heat Map, Dwell Time, Direction Detection, Automatic License Plate Recognition, People Queue Detection, (Require PC-based or standalone IVS or ALPR Server. Contact ACTi support for recommendations on how to maximize analytical accuracy)

Network

Network Protocol & Service	IPv4, TCP, UDP, DHCP, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, UPnP, QoS, SSL/TLS
Ethernet Port	1 x Ethernet (10/100 Base-T), RJ-45 pigtail connector
Security	IP address filtering, HTTPS encryption, Password protected user level

Event

Event Trigger	Video motion detection (4 regions), Intelligent event detection.
Event Response	E-mail notification with snapshots, Upload snapshot to FTP server

Integration

ONVIF Compliant	Yes, Profile S, Profile T
Web Browser	IE 11

Interface

Operating Button	Reset Button

General

Power Source	DC 12V, PoE Class 3 (IEEE802.3af)
Power Consumption	6.4 W (PoE)
Weight	450g (0.99lb)
Dimensions	(W x H x D): 62.67mm x 62.48mm x 160.65mm (2.5" x 2.5" x 6.3")
Environmental Casing	Weatherproof (IP68), Vandal proof metal casing (IK10)
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)
Approvals	CE, FCC, EAC, IP68, NEMA 4X, IK10 (metal casing), UL Listed
Material	Camera with Integrated Bracket: Metal Sunshield: Plastic
Warranty	2 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

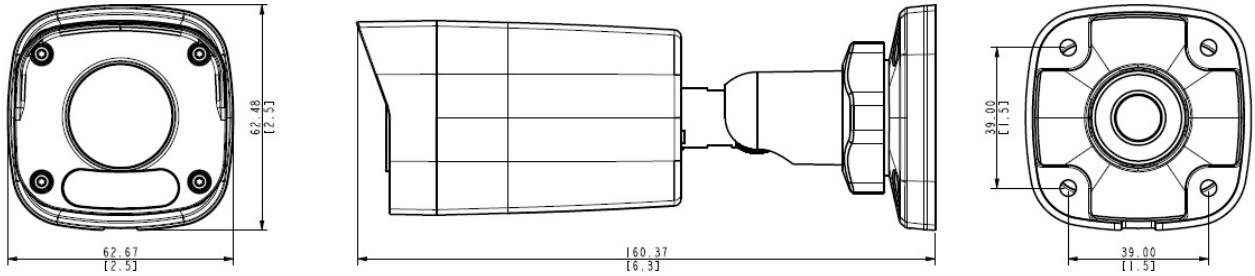
* Intrusion detection is integrated with ZNR series.

Photo Indication



1. DC 12V Power Input
2. Ethernet Port
3. Reset Button
4. Ground Screw

Dimension Diagram



Unit: mm [inch]

Related Products

Mounting Accessories - Camera Mount

PMAX-0526		Pole Mount (for Z31, Z33, Z34, Z41, Z42)
PMAX-0724		Junction Box (for Z33, Z34)

Note: Some mounting accessories may need additional accessories for installation. Please check www.acti.com/mountingselector for more information.

Power Supply Accessories - Power Adapter

PPBX-0013		Power Adapter AC 100~240V (EU), for A3x, A4x, A88, A9x, Z31, Z8x, Z9x
PPBX-0014		Power Adapter AC 100~240V (UK), for A3x, A4x, A88, A9x, Z31, Z8x, Z9x
PPBX-0026		Power Adapter AC 100~240V (US), for A3x, A4x, A7x, A88, A9x, Z3x, Z4x, Z7x, Z8x, Z9x
PPBX-0034		Power Adapter AC 100~240V (US) for A3x, A4x, A7x, A88, A9x, Z3x, Z4x, Z7x, Z8x, Z9x, Q550