Z42

4MP Zoom Bullet with D/N, Adaptive IR, Superior WDR, SLLS, 4.3x Zoom Lens

- 4 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- 4.3x Zoom Lens with f2.8-12/F1.6, Auto focus (for installation)
- Superior WDR
- H.265 Compression
- Super wide angle
- Event trigger, response and notification

Specifications

Device

Product Type	Zoom Bullet
Maximum Resolution	4MP
Application Environment	Outdoor
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: 0.01 lux; B/W: 0 lux (IR LED on)
Mechanical IR Cut Filter	Yes
IR LED	Adaptive IR LED x 2 (850 nm)
IR Working Distance	40m
Electronic Shutter	1-1/100000 second (manual mode); 1-1/100000 second (auto mode)
S/N Ratio	52 dB

Lens

Focal Length	Zoom, f2.8-12mm

Aperture	F1.6
Zoom Ratio	4.3x optical
Zoom Application	Camera Installation
Iris	Fixed iris
Focus	Auto focus
Lens Mount	Board mount
Horizontal Viewing Angle	102.1° - 28.5°
Vertical Viewing Angle	55.3° - 15.5°

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
Multi-Streaming	Simultaneous triple streams
Bit Rate Mode	Constant, Variable
Wide Dynamic Range	Superior WDR (120 dB)
Image Enhancement	White Balance, Backlight compensation (BLC), Brightness, Contrast, Sharpness, Automatic gain control, Defogging
Digital Noise Reduction	2D + 3D DNR
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)
Image Orientation	Flip, Mirror

Network

Network Protocol & Service	IPv4/v6, 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, Save video or snapshot to local storage

Integration

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

Interface

Local Storage	MicroSD, MicroSDHC, MicroSDXC Memory Card Slot (card not included, up to 256GB)

General

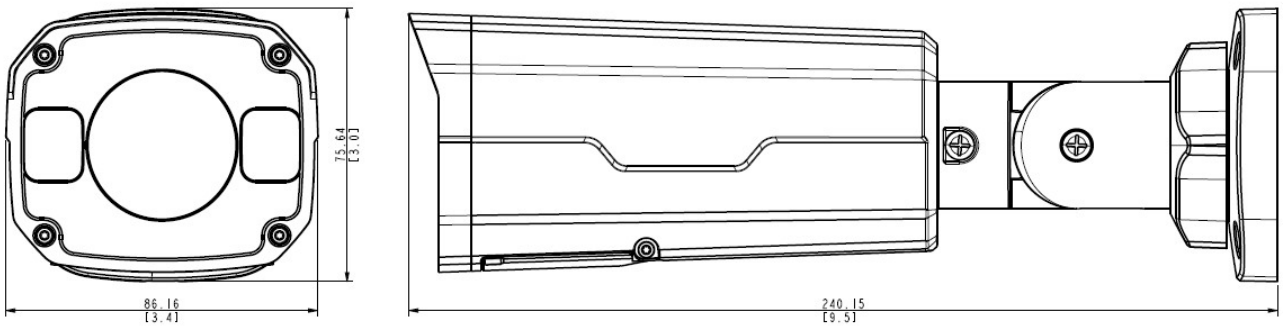
Power Source	DC 12V, PoE Class 3 (IEEE802.3af)
Power Consumption	6.5 W (PoE)
Weight	877g (1.933lb)
Dimensions	(W x H x D): 86.4mm x 75.6mm x 240.3mm (3.4" x 2.98" x 9.46")
Environmental Casing	Weatherproof (IP68), Vandal proof metal casing (IK10)
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)
Operating Humidity	10% - 95% RH
Approvals	CE, FCC, IP68, NEMA 4X, IK10 (metal casing)
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. Memory Card Slot

Dimension Diagram



Unit: mm [inch]

Related Products

Mounting Accessories - Camera Mount

PMAX-0527		Pole Mount (for Z41, Z42)
PMAX-0725		Junction Box (for Z41, Z42)

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