Z49

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
- Superior WDR
- Super wide angle
- Built-in Analytics
- 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 "
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.003 lux at F1.6 (AGC on); B/W: 0 (IR LED on)
Mechanical IR Cut Filter	Yes
IR LED	Adaptive IR LED x 3 (850 nm)
IR Working Distance	50m
Electronic Shutter	1-1/100000 second (manual mode); 1-1/100000 second (auto mode)
S/N Ratio	75 dB

Lens

Focal Length	Zoom, f2.8-12mm

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• All specifications are subject to change without notice.

Aperture	F1.6
Zoom Ratio	4.3x optical zoom
Zoom Application	Camera Installation
Focus	Auto focus
Horizontal Viewing Angle	102.1° - 30.7°
Vertical Viewing Angle	54.5° - 16.9°
Viewing Angle Adjustment	Pan: 0°-360°, Tilt: 0°-90°, Rotation: 0°-360°

Video

Compression	H.265 Adaptive Stream (equivalent to Zip or Smart Stream or H.265+), H.264 (Baseline/ Main/ High profile), MJPEG
Maximum Frame Rate vs. Resolution	25 fps at 2688 x 1520 25 fps at 2560 x 1440 30 fps at 2304 x 1296 30 fps at 1920 x 1080 30 fps at 1280 x 720 30 fps at 720 x 576 30 fps at 704 x 288 30 fps at 640 x 360 30 fps at 352 x 288
Multi-Streaming	Simultaneous dual streams
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	People Detection, Vehicle Detection, Tampering Detection, Object Line Crossing Detection, Intrusion Detection (Forbidden Area Detection)
Image Orientation	Flip, Mirror, Rotation (Corridor mode)

Audio

Audio Type	1-way, Built-in Microphone
Audio Compression	G.711

Network

Network Protocol & Service	IPv4, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, UPnP, QoS, SNMP
Ethernet Port	1 x Ethernet (10/100 Base-T), RJ-45 pigtail connector

Event

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

Integration

ONVIF Compliant	Yes, Profile S, Profile G, Profile T
Web Browser	IE 11, Google Chrome, Microsoft Edge, Firefox

Interface

Operating Button	Reset Button

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General
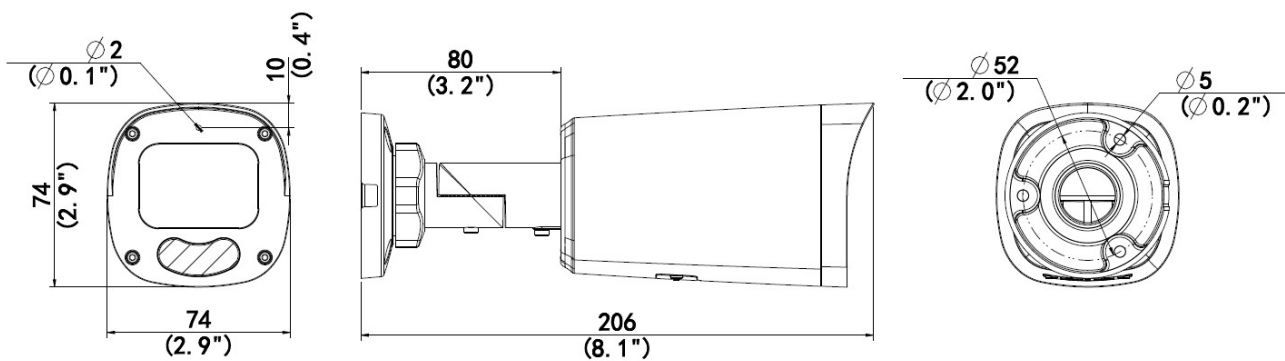
Power Source	DC 12V, 1 A, PoE (IEEE802.3af)
Power Consumption	8.5 W (PoE)
Weight	676g (1.49lb)
Dimensions	(W x H x D): 74mm x 74mm x 206mm (2.9" x 2.9" x 8.1")
Environmental Casing	Weatherproof (IP68), Vandal proof metal casing (IK10)
Corrosion Protection	Optional for project request. Chassis corrosion resistance at the seashore approximately 2-3 years.
Operating Temperature	-30°C ~ 50°C (-22°F ~ 122°F)
Operating Humidity	10% - 95% RH
Approvals	CE Class B, FCC Class B, IP68, IK10 (metal casing), UL Listed
Real-time Clock (RTC)	No
Warranty	2 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

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▶ Photo Indication

1 DC 12V Power Input

2 Ethernet Port

3 Reset Button

▶ Dimension Diagram

Unit: mm [inch]

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