

Z81

2MP Outdoor Zoom Dome with D/N, Adaptive IR, Extreme WDR, SLLS, 4.4x Zoom Lens



- 2 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- Extreme WDR
- H.265 Compression
- Wide Angle
- Event trigger, response and notification

► Specifications

Device

Product Type	Zoom Dome
Maximum Resolution	2MP
Application Environment	Outdoor
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.9 "
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.02 lux; BW: 0 lux (IR LED on)
Mechanical IR Cut Filter	Yes
IR LED	Adaptive IR LED
IR Working Distance	30m
Electronic Shutter	1-1/100000 second (auto mode)
S/N Ratio	52 dB

Lens

Focal Length	Zoom, f2.7-12mm
Aperture	F1.4

Zoom Ratio	4.4x optical
Zoom Application	Camera Installation
Focus	Auto focus
Lens Mount	Board mount
Horizontal Viewing Angle	94° - 28°
Vertical Viewing Angle	56.7° - 14.4°
Viewing Angle Adjustment	Pan: 0°-360°, Tilt: 15°-90°, Rotation: 0°-360°

Video

Compression	H.265, H.264 (Baseline/ Main/ High profile), MJPEG
Maximum Frame Rate vs. Resolution	30 fps at 1920 x 1080 30 fps at 1280 x 720
Multi-Streaming	Simultaneous triple streams
Wide Dynamic Range	Extreme WDR (120 dB)
Image Enhancement	White Balance, Brightness, Saturation, Contrast, Sharpness, Automatic gain control, Defogging
Digital Noise Reduction	2D + 3D DNR
Privacy Mask	8 configurable regions
Text Overlay	Yes
Built-in Analytics	Tampering Detection
Image Orientation	Flip, Mirror, Rotation

Audio

Audio Type	1-way, Built-in Microphone
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Network

Network Protocol & Service	IPv4, IPv6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, UPnP, QoS, SNMP, IEEE 802.1X
Ethernet Port	1 x Ethernet (10/100 Base-T), RJ-45 connector

Event

Event Trigger	Video motion detection
Event Response	E-mail notification with snapshots, Upload snapshot to FTP server

Integration

ONVIF Compliant	Yes, Profile S
Web Browser	IE 11

Interface

Local Storage	MicroSDHC Memory Card Slot (card not included, up to 128GB)
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General

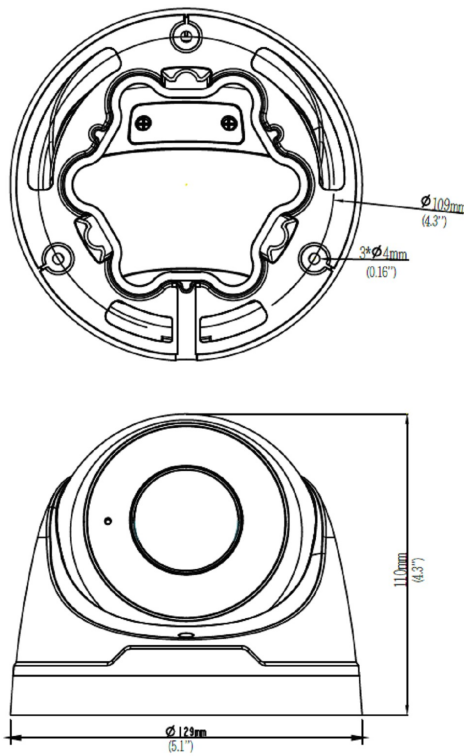
Power Source	DC 12V, PoE Class 3 (IEEE802.3af)
Power Consumption	8.16 W (DC)
Weight	670g (1.48lb)
Dimensions	(Ø x H): 129mm x 110mm (5.08" x 4.3")

Environmental Casing	Weatherproof (IP67)
Operating Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Approvals	CE, FCC, IP67, UL Listed (UL 60950-1)
Warranty	2 Year(s)

► Photo Indication




► Dimension Diagram



Unit: mm [inch]

▶ Related Products


Mounting Accessories - Camera Mount


PMAX-0323  Wall Mount with Built-in Junction Box (for Z91, Z81, Z82)


PMAX-0713  Junction box (for Z81, Z82)

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-0012  Power Adapter AC 100~240V (US), for A3x, A4x, A88, A9x, Z31, Z8x, Z9x

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

Power Supply Accessories - PoE Injector

PPOE-0001  PoE Injector IEEE 802.3af compliant, AC 100~240V, with universal connectors