

Z82

4MP Outdoor Zoom Dome with D/N, Adaptive IR, Extreme WDR, SLLS, 4.4x Zoom Lens



- 4 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- 4.4x Zoom Lens with f2.7 mm~12 mm / F1.4 with Auto Focus
- Extreme WDR (120 dB)
- 30 fps at 2048 x 1520
- Weatherproof (IP67)
- Built-in Analytics

PHOTO INDICATION



- 1

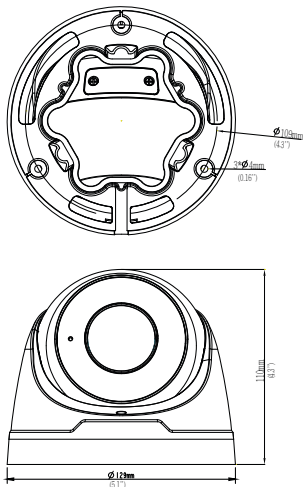
DC12V Power Input Jack
- 2

Ethernet Port
- 3

Reset Button
- 4

Memory Card Slot

DIMENSION DIAGRAM



ACCESSORY OPTIONS

Power Supply		
PPOE-0001		IEEE 802.3af PoE Injector for Class 1, 2 or 3 devices, with universal adapter
PPBX-0012		Power Adapter (DC Jack) US AC 100~240V
PPBX-0013		Power Adapter (DC Jack) EUR AC 100~240V
PPBX-0014		Power Adapter (DC Jack) ENG AC 100~240V

Popular Mounting Solutions	
Surface	Accessories not required
Junction Box	PMAX-0713
Wall Mount	PMAX-0323

* For more mounting solutions, please refer to www.acti.com/mountingselector

PRODUCT SPECIFICATION

• Device

Device Type	Outdoor Zoom Dome
Image Sensor	Progressive Scan CMOS
Sensor Size	1/3"
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.02 lux at F1.4 B/W: 0 lux (IR LED on)
Color to B/W Switch	ISP based switch, configurable
Mechanical IR Cut Filter	Yes
IR LED	Adaptive IR LED x 30
IR Working Distance	30 m (0 lux, 30 IRE, Gain 255, Auto shutter mode)
Electronic Shutter	1/6" ~ 1/100000" (manual and auto mode)
S/N Ratio	> 52 dB

• Lens

Focal Length / Aperture	Zoom Lens, f2.7 mm ~ f12 mm / F1.4
Focus	Auto Focus
Horizontal Viewing Angle	91° ~ 27°
Viewing Angle Adjustment	Pan: 0 ~ 360° Tilt: 15° ~ 90° Rotate: 0° ~ 360°

• Video

Compression	H.265, H.264, MJPEG
Max. Frame Rate vs. Resolution	20 fps at 2592×1520 25 fps at 2560×1440 30 fps at 2048×1520 30 fps at 1920×1080 30 fps at 1280×720 30 fps at 720×560 30 fps at 704x288 30 fps at 640x360 30 fps at 352x288
Multi-Streaming	Simultaneous Triple Streams based on 3 Configurations
Bit Rate	128 Kpbs ~ 16 Mbps
Bit Rate Mode	Constant, Variable
Image Enhancement	Extreme WDR (120 dB) White Balance Brightness Saturation Contrast Sharpness (Auto) Automatic Gain Control 2D+3D Digital Noise Reduction Defogging
Privacy Mask	8 Configurable Regions
Text Overlay	User Defined Text on Video
Built-in Analytics	Tampering Detection
Image Orientation	Image Flip, Mirror and Rotation

• Audio

Audio Type	1-way, Built-in Microphone
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• Network

Protocol & Service	L2TP, IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SIP, 802.1x
Ethernet Port	1, Ethernet (10/100 Base-T), RJ-45 connector
Security	IP Address Filtering, HTTPS Encryption, Password Protected User Level, IEEE 802.1X Network Access Control

• Alarm

Alarm Trigger	Video Motion Detection (4 regions)
Alarm Response	Notify Control Center E-mail Notification with Snapshots Upload Video or Snapshot to FTP server

• Interface

Local Storage	MicroSDHC memory card slot (card not included)
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• General

Power Source	PoE Class 3 (IEEE802.3af) DC 12V (adapter not included)
Power Consumption	8.16 W (PoE / DC)
Weight	0.67 kg (1.48 lb)
Dimensions (Ø x H)	129 x 110 mm (5.08" x 4.3")
Environmental Casing	Weatherproof (IP67)
Mount Type	Surface, Wall Mount
Operating Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Relative Humidity	10% ~ 95% RH
Approvals	CE (EN 55022 CLASS A, EN 55024) FCC (Part15 Subpart B Class A) IP67

• Integration

Unified Solution	Fully compatible with ACTi software
ISV Integration	Software Development Kit (SDK) available ONVIF compliant (Profile S)
Firmware Access Browser	Microsoft Internet Explorer 8 ~ 11 Safari with QuickTime (partial functionality) Other Browsers with VLC (partial functionality)
Auto Firmware Upgrade	No
GPS Position	No