Z95

4MP Outdoor Mini Dome with D/N, Adaptive IR, Superior WDR, SLLS, Fixed Lens

- 4 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- Fixed Lens with f2.8mm/F2.0
- Superior WDR
- H.265 Compression
- Super wide angle
- Event trigger, response and notification

▶ Specifications

Device

Product Type	Mini Dome
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: 0.03 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
Electronic Shutter	1-1/100000 second (manual mode); 1-1/100000 second (auto mode)
S/N Ratio	52 dB

Lens

Focal Length	Fixed focal, f2.8mm

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• For product and mounting accessory information, visit: www.acti.com/products and www.acti.com/mountingselector
• All specifications are subject to change without notice.

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Aperture	F2.0
Iris	Fixed iris
Lens Mount	Board mount
Horizontal Viewing Angle	104.4°
Vertical Viewing Angle	54.4°
Viewing Angle Adjustment	Pan: 0°-360°, Tilt: 0°-75°

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, 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, 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

General

Power Source	DC 12V, PoE Class 3 (IEEE802.3af)
Power Consumption	4 W (PoE)
Weight	450g (0.99lb)

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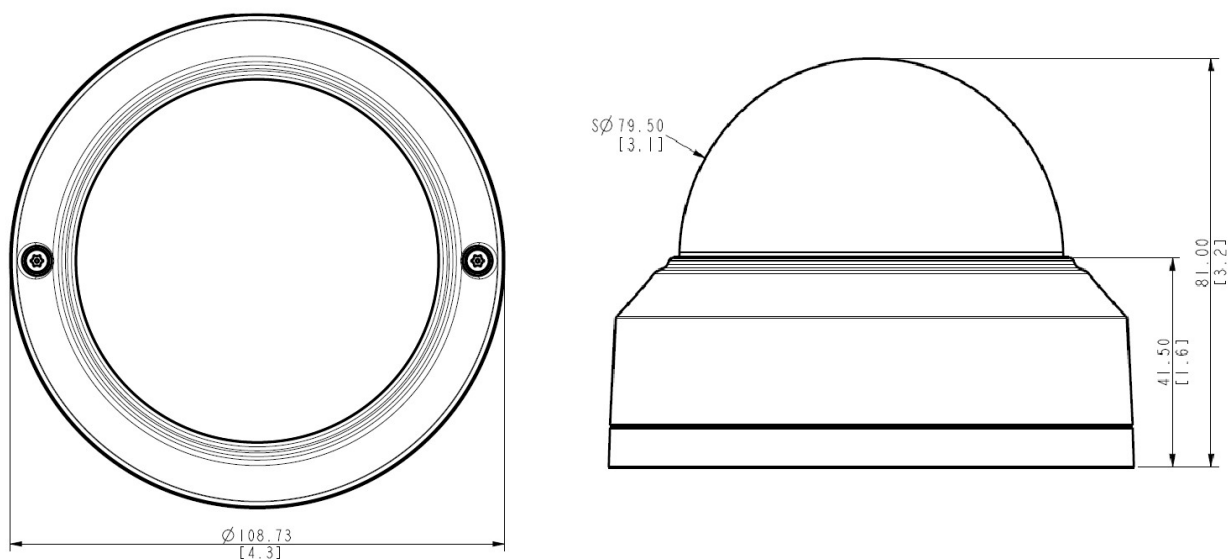Page 2 of 5

Dimensions	(Ø x H): 109mm x 81mm (4.3" x 3.2")
Environmental Casing	Weatherproof (IP67), Vandal proof (IK10)
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)
Operating Humidity	10% - 95% RH
Approvals	CE, FCC, BIS, IP67, NEMA 4X, IK10
Material	Base Plate: Metal Dome Cover: Plastic
Warranty	2 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

* Intrusion detection is integrated with ZNR series.

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▶ Photo Indication

1 DC 12V Power Input

2 Ethernet Port

▶ Dimension Diagram

SØ79.50
[3.1]

81.00
[3.2]

41.50
[1.6]

Ø108.73
[4.3]

Unit: mm [inch]

▶ Related Products

Mounting Accessories - Camera Mount

PMAX-0122		Straight Tube (for A71, A88, A9x,)
PMAX-0123		Extension Tube (for A71, A88, A9x,)
PMAX-0318		Wall Mount (for A91, A92, Z91, A61, A62)
PMAX-0323		Wall Mount with Built-in Junction Box (for Z91, Z81, Z82)
PMAX-0506		Pole Mount (for A31, A4x, E78, E9x, E9xx), supports 2" to 3" Poles
PMAX-0712		Junction box (for Z91, Z92, Z94, Z95, Z77)
PMAX-0816		Converter Ring, 1.0" NPT for Third-Party Mounting Accessories, White
PMAX-0820		Gang Box Converter (for A71, A74, Z91, Z94, Z95), supports 4" Round and 4" Octagon Boxes
PMAX-1402		Mount Kit (for A91, A92, Z91, A61, A62, A71)

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

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