

# Z85

## 2MP Outdoor Zoom Dome with D/N, Adaptive IR, Superior WDR, SLLS, 4.3x Zoom Lens



- 2 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- Superior WDR
- H.265 Compression
- Super wide angle
- Built-in Analytics
- Event trigger, response and notification

### ► Specifications

#### Device

Product Type	Zoom Dome
Maximum Resolution	2MP
Application Environment	Outdoor
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.7 "
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.005 lux at F1.6 (AGC on); B/W: 0 (IR LED on)
Mechanical IR Cut Filter	Yes
IR LED	Adaptive IR LED x 2 (850 nm)
IR Working Distance	40m
S/N Ratio	52 dB

#### Lens

Focal Length	Zoom, f2.8-12mm
Aperture	F1.6

Zoom Ratio	4.3x optical
Zoom Application	Camera Installation
Focus	Auto focus
Horizontal Viewing Angle	102.1° - 33°
Vertical Viewing Angle	56° - 18.7°
Viewing Angle Adjustment	Pan: 3°-360°, Tilt: 0°-70°, Rotation: 3°-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 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	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, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, UPnP, SNMP, QoS, SSL
Ethernet Port	1 x Ethernet (10/100 Base-T), RJ-45 connector
Security	IP address filtering, HTTPS encryption, Password protected user level

## Event

Event Trigger	Video motion detection, Sound detection, 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 Memory Card Slot (card not included, up to 128GB)
Operating Button	Reset Button

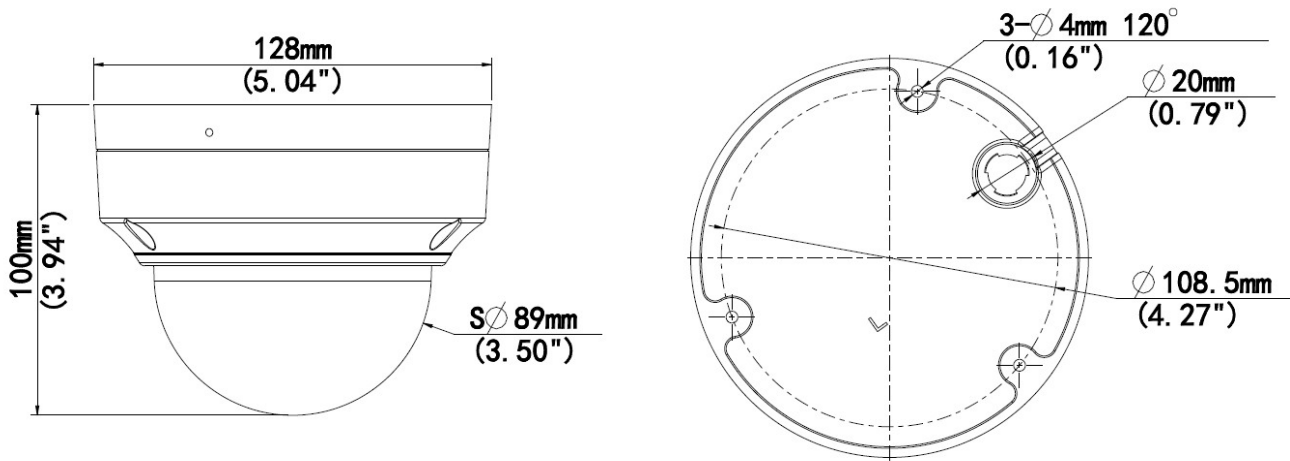
**General**

Power Source	DC 12V, PoE (IEEE802.3af)
Power Consumption	7.5 W (PoE)
Weight	785g (1.73lb)
Dimensions	(Ø x H): 128mm x 100mm (5.0" x 3.9")
Environmental Casing	Weatherproof (IP68), Vandal proof metal casing (IK10)
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)
Approvals	CE Class B, FCC Class B, IP68, IK10 (metal casing)
Real-time Clock (RTC)	No
Warranty	2 Year(s). For extended warranty offering, see <a href="http://www.acti.com/support/warranty">http://www.acti.com/support/warranty</a>

### ► Photo Indication








### ► Dimension Diagram



Unit: mm [inch]

## ▶ Related Products

### Mounting Accessories - Camera Mount

PMAX-0128		Pendant Mount (for Z85, Z86, Z87, Z810)
PMAX-0323		Wall Mount with Built-in Junction Box (for Z91, Z94, Z95, Z77, Z81, Z82, Z85, Z86)
PMAX-0527		Pole Mount (for Z4x, Z710, Z8x, Z9x, A7x), supports 2.64" to 5" Poles
PMAX-0532		Pole Mount (Z710, Z8x, Z9x, A7x), supports 2.6" to 5" Poles
PMAX-0713		Junction box (for Z81, Z82)

**Note:** Some mounting accessories may need additional accessories for installation. Please check [www.acti.com/mountingselector](http://www.acti.com/mountingselector) for more information.