

# Z84

## 4MP Outdoor Zoom Dome 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
- H.265 Compression
- Wide Angle

### ► Specifications

#### Device

Product Type	Zoom 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: 0.01 lux; B/W: 0 lux (IR LED on)
Mechanical IR Cut Filter	Yes
IR LED	Adaptive IR LED
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	Zoom, f2.8-12mm
--------------	-----------------

Aperture	F1.6
Zoom Ratio	4.3x optical
Iris	Fixed iris
Lens Mount	Board mount
Horizontal Viewing Angle	91° - 27°
Vertical Viewing Angle	54.4° - 13.7°
Viewing Angle Adjustment	Pan: 0°-360°, Tilt: 0°-80°, Rotation: 0°-360°

## 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
Wide Dynamic Range	Superior WDR (120 dB)
Image Enhancement	Backlight compensation
Digital Noise Reduction	2D + 3D DNR
Privacy Mask	4 configurable regions
Text Overlay	Yes
Built-in Analytics	Tampering Detection, Intrusion Detection (Forbidden Area Detection)*

## Network

Ethernet Port	1 x Ethernet (10/100 Base-T), RJ-45 connector
---------------	---

## Integration

ONVIF Compliant	Yes, Profile S, Profile G, Profile T
-----------------	--------------------------------------

## Interface

Local Storage	MicroSD, MicroSDHC, MicroSDXC Memory Card Slot (card not included, up to 256GB)
---------------	---

## General

Power Source	DC 12V, PoE Class 3 (IEEE802.3af)
Power Consumption	6 W (PoE)
Weight	920g (2.0lb)
Dimensions	(Ø x H): 148mm x 111.3mm (5.8" x 4.4")
Environmental Casing	Weatherproof (IP67), Vandal proof (IK10)
Operating Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Operating Humidity	10% - 95% RH
Approvals	CE, FCC, IP67, IK10
Warranty	2 Year(s)

\* Intrusion detection is integrated with ZNR series.

## ▶ Related Products

### Mounting Accessories - Camera Mount

PMAX-0114



Mount Kit for Dome Cameras (for A8x, except A88)

PMAX-0723



Junction Box (for Z83, Z84)

PMAX-1031



Flush Mount (for Z83, Z84)

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