

# Z83

## 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

### ► 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: 0.01 lux; B/W: 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 (manual mode); 1-1/100000 second (auto mode)

#### Lens

Focal Length	Zoom, f2.8-12mm
Zoom Ratio	4.3x optical
Lens Mount	Board mount

Horizontal Viewing Angle	112.7° - 28.1°
Vertical Viewing Angle	60.1° - 15.4°
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	30 fps at 1920 x 1080 30 fps at 1280 x 720 30 fps at 704 x 576
Multi-Streaming	Simultaneous triple streams
Wide Dynamic Range	Superior WDR (120 dB)
Image Enhancement	Defogging, Backlight compensation
Digital Noise Reduction	2D + 3D DNR
Privacy Mask	4 configurable regions
Text Overlay	Yes
Built-in Analytics	Tampering Detection

## Network

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

## Integration

ONVIF Compliant	Yes, Profile S, Profile G, Profile T
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## Interface



Local Storage	MicroSD Memory Card Slot (card not included, up to 256GB)
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## General

Power Source	DC 12V, PoE Class 3 (IEEE802.3af)
Power Consumption	6.5 W (PoE)
Weight	920g (2.0lb)
Dimensions	(Ø x H): 148mm x 111mm (5.8" x 4.4")
Environmental Casing	Weatherproof (IP67), Vandal proof (IK10)
Operating Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Warranty	2 Year(s)

## ▶ 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.