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

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

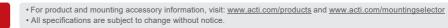
Focal Length	Zoom, f2.8-12mm	
Aperture	F1.6	

Dome Camera				
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			



Local Storage	MicroSD Memory Card Slot (card not included, up to 128GB)
Operating Button	Reset Button

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Dome Camera

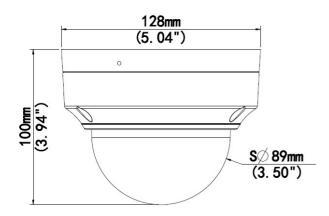
General

- Contorum				
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 http://www.acti.com/support/warranty			

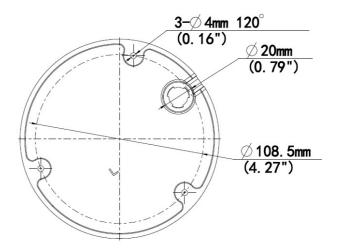
Photo Indication



Dimension Diagram



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Unit: mm [inch]

Related Products

Mounting Accessories - Camera Mount

PMAX-0128	T	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)

 $\textbf{Note} : Some \ mounting \ accessories \ may \ need \ additional \ accessories \ for \ installation. \ Please \ check \ \underline{www.acti.com/mountingselector} \ for \ more \ information.$

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