Z721

4MP LightGuard 2.8mm Outdoor Mini Dome with D/N, Adaptive IR, Extreme WDR, SLLS, M12,

- 4 Megapixel
- LightGuard
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- Fixed Lens, f2.8mm/F1.6
- Extreme WDR (135dB)
- Super wide angle
- Weatherproof (IP67), Vandal proof (IK10), Vibration proof (EN50155)
- 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 "
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.002 lux at F1.6 (AGC on); B/W: 0 lux (IR LED on)
LightGuard	Yes
Mechanical IR Cut Filter	Yes
IR LED	Adaptive IR LED (850 nm)
IR Working Distance	30m
Electronic Shutter	1-1/100000 second (manual mode); 1-1/100000 second (auto mode)
S/N Ratio	75 dB

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

Lens

Focal Length	Fixed focal, f2.8mm
Aperture	F1.6
Horizontal Viewing Angle	101.1°
Vertical Viewing Angle	55.3°
Viewing Angle Adjustment	Pan: 0°-90°, Tilt: 0°-68°, Rotation: 0°-360°

Video

Compression	H.265 Adaptive Stream (equivalent to Zip or Smart Stream or H.265+), H.264 Adaptive Stream (equivalent to Zip or Smart Stream or H.264+), MJPEG
Maximum Frame Rate vs. Resolution	30 fps at 2688 x 1520 30 fps at 2560 x 1440 30 fps at 2304 x 1296 30 fps at 1920 x 1080 30 fps at 1280 x 720 30 fps at 720 x 576 30 fps at 640 x 360 30 fps at 704 x 288 30 fps at 352 x 288
Multi-Streaming	Simultaneous triple streams
Wide Dynamic Range	Extreme WDR (135 dB)
Image Enhancement	White Balance, Backlight compensation (BLC), Defogging
Digital Noise Reduction	2D + 3D DNR
Privacy Mask	4 configurable regions
Text Overlay	Yes
Built-in Analytics	Deep Learning : Smart Intrusion Protection, Smart Motion Detection, Face Detection, People Detection, Vehicle Detection, People Line Crossing Detection, People Enter Area Detection, People Exit Area Detection, Vehicle Line Crossing Detection, Vehicle Enter Area Detection, Vehicle Exit Area Detection, Tampering Detection, People Counting, Crowd Detection
Image Orientation	Flip, Mirror, Rotation (Corridor mode)(±90º, 180º)

Audio

Audio Type	2-way, Built-in Microphone, Line-in, Line-out

Network

Network Protocol & Service	IPv4, IPv6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, RTMP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, SNMP, QoS, SSL/TLS, IEEE 802.1X
Ethernet Port	1 x Ethernet (10/100 Base-T), M12 connector
Maximum User Connections	32
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, Save video or snapshot to storage, Upload snapshot to FTP server

Integration

ONVIF Compliant	Yes, Profile S, Profile G, Profile T, Profile M
Web Browser	IE 11, Microsoft Edge, Google Chrome, Firefox

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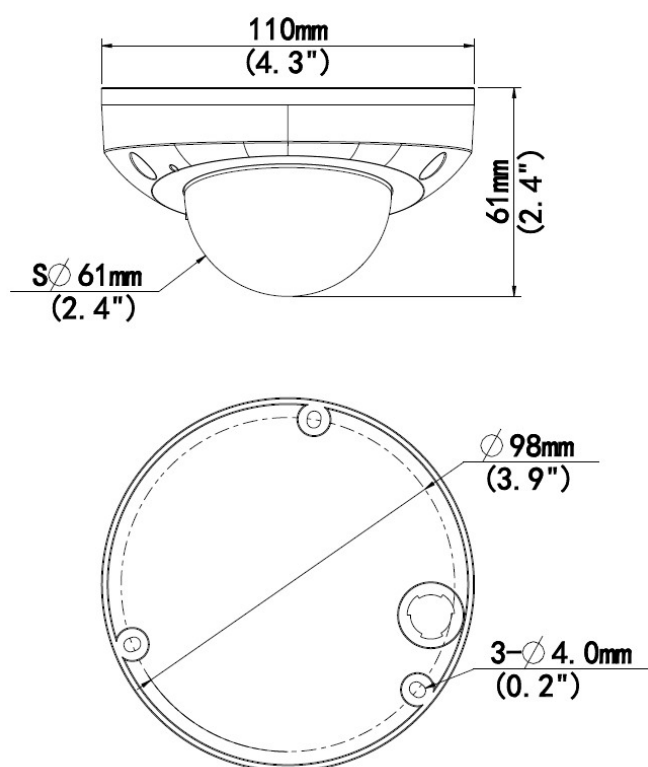
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General

Power Source	DC 12V
Power Consumption	6 W (DC)
Dimensions	(Ø x H): 110mm x 61mm (4.3" x 2.4")
Environmental Casing	Weatherproof (IP67), Vandal proof (IK10), Vibration proof (EN50155)
Corrosion Protection	Optional for project request. Chassis corrosion resistance at the seashore approximately 2-3 years.
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)
Operating Humidity	≤95% RH, non-condensing
Surge Protection	4KV
Approvals	CE Class A, FCC Class A, IP67, IK10, EN 50155
Color	White
Material	Metal
Real-time Clock (RTC)	Yes
Warranty	2 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

▶ Photo Indication

1 Built-in Microphone
2 Audio Input / Output
3 Ethernet Port
4 DC 12V Power Input

▶ Dimension Diagram

110mm
(4. 3")

61mm
(2. 4")

S⌀ 61mm
(2. 4")

⌀ 98mm
(3. 9")

3−⌀ 4. 0mm
(0. 2")

Unit: mm [inch]