

# E928M

3MP Outdoor Mini Dome with D/N, Adaptive IR, Superior WDR, M12 Connector, Fixed Lens



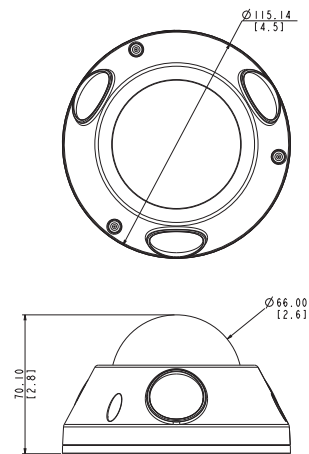
- 3 Megapixel with 1080p
- Day & Night with Adaptive IR LED
- Fixed Lens with f2.93mm / F2.0
- Superior WDR (110 dB)
- 30 fps at 1920 x 1080
- Wide Angle
- Weatherproof (IP68), Vandal Proof (IK10) and Vibration Proof (EN50155, M12 Connector)

## PHOTO INDICATION



- 1 Memory Card Slot
- 2 Power LED
- 3 Reset Button
- 4 Audio Input
- 5 Ethernet Port

## DIMENSION DIAGRAM



Unit: mm [inch]

## ACCESSORY OPTIONS

Power Supply		
PPOE-0001		IEEE 802.3af PoE Injector for Class 1, 2 or 3 devices, with universal adapter

Dome Cover		
PDCX-1112		Vandal proof smoked dome cover for E924(M)~E929(M)

Popular Mounting Solutions	
Surface	Accessories not required
Wall	PMAX-0316
Pendant	PMAX-0111 + PMAX-1400
Gang Box	PMAX-0805
NPT Standard Mounts	PMAX-0809 + PMAX-1400

\* For more mounting solutions, please refer to Project Planner on [www.acti.com](http://www.acti.com)

**PRODUCT SPECIFICATION****E928M****• Device**

Device Type	Outdoor Mini Dome
Image Sensor	Progressive Scan CMOS
Sensor Size	1/3"
Effective Pixels	2048 (H) x 1536 (V) (3.15 MP)
Day / Night	Yes
Low Light Sensitivity	Standard
Minimum Illumination	Color: 0.1 lux at F2.0 (30 IRE, 2400°K); B/W: 0 lux at F2.0
Mechanical IR Cut Filter	Yes
IR Sensitivity Range	700 - 1100nm
IR LED	Adaptive IR LED (Adjustable IR Exposure Compensation) x 3 (850 nm)
IR Working Distance	15 m (0 lux, 30 IRE, Gain 255, Manual shutter mode)
Electronic Shutter	1/5 ~ 1/2,000 sec (manual mode); 1/5 ~ 1/10,000 sec (auto mode)
TV Lines	1250
S/N Ratio	52 dB

**• Lens**

Focal Length / Aperture	Fixed focal, f2.93mm / F2.0
Iris	Fixed iris
Focus	Fixed focus
Lens Mount	Board mount
Horizontal Viewing Angle	85.7°
Viewing Angle Adjustment	Pan: ±90°; Tilt: 35° ~ 90° (lens FoV from horizon up to 2.7°)

**• Video**

Compression	H.264 (Baseline / Main / High profile), MJPEG
Max. Resolution vs. Frame Rate	20 fps at 2048 x 1536; 30 fps at 1920 x 1080; 30 fps at 1280 x 720; 30 fps at 800 x 600; 30 fps at 640 x 480; 15 fps at 320 x 240
Multi-Streaming	Simultaneous dual streams based on two configurations
Bit Rate	28 Kbps - 6 Mbps (per stream)
Bit Rate Mode	Constant, Variable
Image Enhancement	Superior WDR (110 dB); White balance: automatic, hold and manual; Brightness; Contrast; Sharpness (auto); Auto gain control; 2D+3D digital noise reduction; Flickerless
Privacy Mask	4 configurable regions
Text Overlay	User defined text on video
Image Orientation	Image flip and mirror

**• Audio**

Audio Input	Line-in and mic-in, cable with 3.5mm phone jack
-------------	---

**• Network**

Protocol & Service	TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, IPv4, IPv6, DNS, DDNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UPnP, SNMP, Bonjour
Ethernet Port	1, Ethernet (10/100 Base-T), M12 connector
Security	IP address filtering; HTTPS encryption; Password protected user levels; Anonymous login; IEEE 802.1X network access control

**• Alarm**

Alarm Trigger	Video motion detection (3 regions); Sound detection
Alarm Response	Notify control center; Change camera settings; Command other devices; E-mail notification with snapshots; Save video or snapshot to local storage; Upload video or Snapshot to FTP

**• Interface**

Local Storage	MicroSDHC/MicroSDXC memory card slot (card not included)
---------------	--

**• General**

Power Source / Consumption	PoE Class 2 (IEEE802.3af) / 5.04 W
Weight	474 g (1.04 lb)
Dimensions (Ø x H)	115 mm x 70 mm (4.5" x 2.8")
Environmental Casing	Weatherproof (IP68 rated); Vandal proof (IK10 rated); Vibration Proof (EN50155); Transparent dome cover
Mount Type	Surface, Gang box
Starting Temperature	-20°C ~ 50°C (-4°F ~ 122°F)
Operating Temperature	-20°C ~ 50°C (-4°F ~ 122°F)
Operating Humidity	10% ~ 85% RH
Approvals	CE (EN 55022 Class B, EN 55024), FCC (Part15 Subpart B Class B), IK10, IP68, NEMA 4X, EN50155, UL (for optional PoE injector)

**• Integration**

Unified Solution	Fully compatible with ACTi software
ISV Integration	Software Development Kit (SDK) available; ONVIF compliant
GPS Position	Manual setting
Firmware Access Browser	Microsoft Internet Explorer 8.0 or newer (full functionality); Safari with QuickTime installed, and other browsers with VLC installed (partial functionality)