

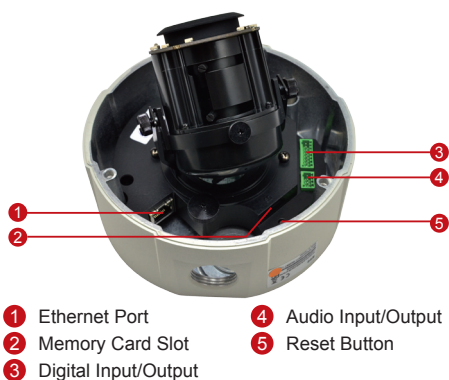
E89

10MP, Outdoor Dome with D/N,
Adaptive IR, Basic WDR, Vari-focal Lens

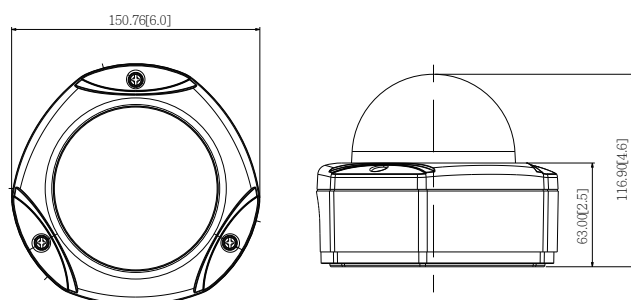


- 10 Megapixel with 4K/1080p
- Day & Night with Adaptive IR LED
- Vari-focal Lens with f3.1-13mm / F1.4
- Basic WDR (70 dB)
- 30 fps at 1920 x 1080
- Wide Angle
- Weatherproof (IP67) and Vandal Proof (IK10)

PHOTO INDICATION



DIMENSION DIAGRAM



Unit: mm [inch]

ACCESSORY OPTIONS

Dome Cover		
PDCX-1104		4-inch, smoked, vandal proof

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

Popular Mounting Solutions		
Surface	Accessories not required	
Wall	PMAX-0101 PMAX-0305	
Pendant	PMAX-0101 PMAX-0103	
Corner	PMAX-0101 PMAX-0305 PMAX-0402	
Pole	PMAX-0101 PMAX-0305 PMAX-0503	
Flush	PMAX-1015	
Gang Box	PMAX-0804	

* For more mounting solutions, please refer to Project Planner on www.acti.com

PRODUCT SPECIFICATION

E89

• Device

Device Type	Outdoor Dome
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.3"
Effective Pixels	3856 (H) x 2764 (V) (10.66 MP)
Day / Night	Yes
Superior Low Light Sensitivity	No
Minimum Illumination	Color: 0.1 lux at F1.4 (30 IRE, 2400°K); B/W: 0 lux (IR LED on)
Color to B/W Switch	ISP based switch, configurable
Mechanical IR Cut Filter	Yes
IR Sensitivity Range	700~1100nm
IR LED	Adaptive IR LED (Adjustable IR Exposure Compensation) x 10 (850nm)
IR Working Distance	30 m (0 lux, 30 IRE, Gain 255, Auto shutter mode)
Electronic Shutter	1/5 ~ 1/2,000 sec (manual mode); 1/5 ~ 1/10,000 sec (auto mode)
TV Lines	1450
S/N Ratio	52 dB

• Lens

Focal Length / Aperture	Vari-focal, f3.1 -13 mm / F1.4
Iris	Fixed iris
Focus	Manual focus
Mount Type	Board mount
Horizontal Viewing Angle	25.8°~100.5°
Viewing Angle Adjustment	Pan: 0°~350°; Tilt: 5°~170°; Rotate: 0°~350°

• Video

Compression	H.264 HP, MJPEG
Max. Frame Rate vs. Resolution	6 fps at 3648 x 2736; 6 fps at 3648 x 2160; 6 fps at 2592 x 1944; 6 fps at 2048 x 1536; 30 fps at 1920 x 1080; 30 fps at 1280 x 720; 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	Basic WDR (70 dB); White balance: automatic, hold, and manual; Brightness; Contrast; Sharpness (auto); Auto gain control; Digital noise reduction; Flickerless
Privacy Mask	4 configurable regions
Text Overlay	User defined text on video
Image Orientation	Image flip and mirror

• Audio

Compression	8kHz, Mono, PCM, 16 bit encoding, G.711
Audio-In	Terminal block
Audio-Out	Terminal block

• 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), RJ-45 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); External device through digital input
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, snapshot to FTP; Active external device through digital output

• Interface

Digital Input	2, Terminal block
Digital Output	2, Terminal block
Local Storage	MicroSDHC/MicroSDXC memory card slot (card not included)

• General

Power Source / Consumption	PoE Class 2 (IEEE802.3af) / 5.28 W (IR on)
Weight	1.785 kg (3.935 lb)
Dimensions (Ø x H)	152.8 mm x 128.5 mm (6.0" x 5.1")
Environmental Casing	Weatherproof (IP67 rated); Vandal proof (IK10); Transparent dome cover
Mount Type	Surface, Pendant, Wall, Corner, Pole, Gang box
Starting Temperature	-20°C ~ 50°C (-4°F ~ 122°F)
Operating Temperature	-40°C ~ 50°C (-40°F ~ 122°F)
Operating Humidity	10% ~ 85% RH
Approvals	CE (EN 55022 Class B, EN 55024), FCC (Part15 Subpart B Class B), IP67, IK10, NEMA 4X, UL (for optional PoE injector)

• Integration

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

* All specifications are subject to change without notice.

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