

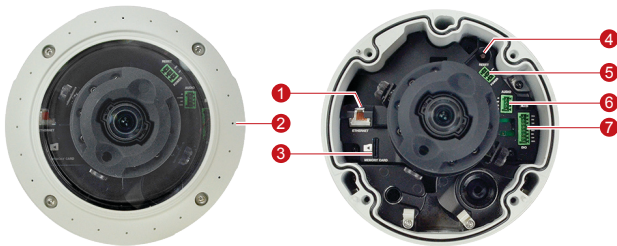
B89

3MP Video Analytics Outdoor Zoom Dome with D/N, Adaptive IR, Extreme WDR, SLLS, 3x Zoom Lens



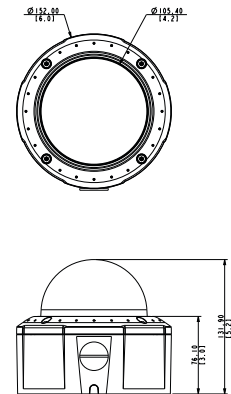
- 3 Megapixel with 1080p
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- 3x Zoom Lens with f3.0 ~ f9.0 mm / F1.3 ~ F2.2
- Extreme WDR (145 dB)
- 30 fps at 2048 x 1536
- Wide Angle
- Weatherproof (IP68), Vandal proof (IK10) and Built-in Dehumidifier
- Built-in Analytics

PHOTO INDICATION



- 1 Ethernet Port
- 2 Built-in Microphone
- 3 Memory Card Slot
- 4 Reset Button
- 5 DC 12V Power Input
- 6 Audio Input / Output
- 7 Digital Input / Output

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
PPBX-0012		Power Adapter (DC Jack) US AC 100~240V
PPBX-0013		Power Adapter (DC Jack) EUR AC 100~240V
PPBX-0014		Power Adapter (DC Jack) ENG AC 100~240V

Popular Mounting Solutions	
Surface	Accessories not required
Wall	PMAX-0314
Pendant	PMAX-0101 + PMAX-0103
Corner	PMAX-0314 + PMAX-0402
Pole	PMAX-0314 + PMAX-0503
Flush	PMAX-1015
Gang Box	PMAX-0804

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

PRODUCT SPECIFICATION

• Device

Device Type	Outdoor Zoom Dome
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.8"
Effective Pixels	2065(H) X 1553(V) (3.21 MP)
Horizontal Resolution	1450 TVL
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.1 lux at F1.3, B/W: 0 lux at F1.3 (IR LED on)
Mechanical IR Cut Filter	Yes
IR Sensitivity Range	700 - 1100nm
IR LED	Adaptive IR LED x 8 (850 nm)
IR Working Distance	40 m
Electronic Shutter	1/5 ~ 1/20,000 sec (manual mode); 1/5 ~ 1/120 sec (auto mode)
S/N Ratio	56 dB

• Lens

Focal Length / Aperture	Zoom, f3.0 ~ f9.0 mm / F1.3 ~ F2.2
Zoom Ratio	3x optical
Iris	DC iris
Focus	Auto focus
Lens Mount	Board mount
Horizontal Viewing Angle	97.5° ~ 34.2°
Vertical Viewing Angle	79.2° ~ 25.8°
Viewing Angle Adjustment	Pan: ±175°, Tilt: 5°-175°, Rotation: ±175°

• Video

Compression	H.265, H.264 (Baseline / Main / High profile), MJPEG
Max. Frame Rate vs. Resolution	30 fps at 2048 x 1536, 60 fps at 1920 x 1080, 30 fps at 1280 x 960 60 fps at 1280 x 720, 30 fps at 800 x 600, 30 fps at 640 x 480, 30 fps at 320 x 240
Multi-Streaming	Simultaneous triple streams based on three configurations
Bit Rate	128 Kbps - 12 Mbps (per stream)
Bit Rate Mode	Constant, Variable
Image Enhancement	Extreme WDR (145 dB), White balance: automatic, hold and manual, Brightness, Saturation, Contrast, Sharpness (auto), Auto gain control, 2D+3D digital noise reduction, Flickerless, Digital Image Stabilizer, Defogging
Privacy Mask	32 configurable regions 3D privacy masks
Image Orientation	Image Flip, Mirror and Rotation (90° and 270°)
Built-in Analytics	Object-based Motion Detection, Tampering Detection, Shock Detection

• Audio

Compression	8kHz, Mono, PCM, 16 bit encoding, G.711
Audio-In	Built-in Microphone, Mic-in, Line-in; Terminal block
Audio-Out	Line-out; Terminal block

• Network

Protocol & Service	IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP, IEEE 802.1X
Ethernet Port	1, Ethernet (10/100 Base-T), RJ-45 connector
Security	IP address filtering; HTTPS encryption; Password protected user levels; Anonymous login; IEEE802.1X network access control

• Alarm

Alarm Trigger	Video motion detection (10 regions), External device through digital input, Sound detection
Alarm Response	Notify control center; Change camera settings; Command other devices; E-mail notification with snapshots; Push notification to mobile device; Save video to local storage; Upload video to NVR server; Upload video or snapshot to FTP server; Activate 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 3 (IEEE802.3af) / 12 W; DC12V / 8.65 W
Weight	1506 g (3.32 lb)
Dimensions (Ø x H)	131.9 mm x 152 mm (5.2" x 6")
Environmental Casing	Weatherproof (IP68), Vandal proof (IK10), Built-in dehumidifier
Mount Type	Surface, Wall Mount, Pendant, Flush, Corner Mount, Pole Mount, Gang Box
Starting Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Operating Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Operating Humidity	10% ~ 85% RH
Approvals	CE (EN 55032 Class B, EN 55024), FCC (Part15 Subpart B Class B), IP68, IK10, NEMA 4X, UL (for optional PoE injector and power adapter)

• 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 11

* All specifications are subject to change without notice.

* All brand names and registered trademarks are the property of their respective owners.

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