

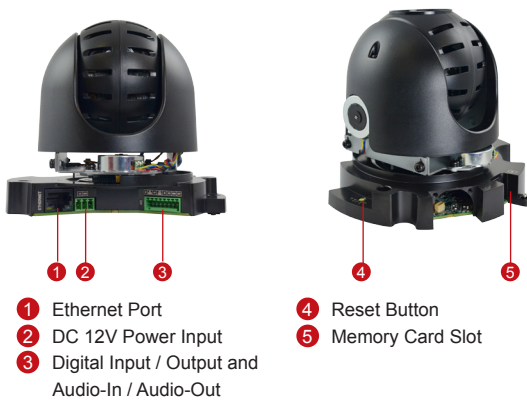
B914

3MP Video Analytics Outdoor Mini PTZ with D/N, Extreme WDR, SLLS, 10x Zoom Lens



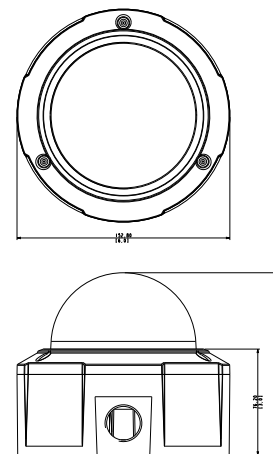
- 3 Megapixel with 1080p
- Day & Night with Superior Low Light Sensitivity
- 10x Zoom Lens with f4.7 - 47mm / F1.6 - 3.0, DC Iris, Auto Focus
- Extreme WDR
- 60 fps at 1020 x 1080
- Pan & Tilt
- Weatherproof (IP67) and Vandal Proof (IK10)
- Built-in Analytics

PHOTO INDICATION



- 1 Ethernet Port
- 2 DC 12V Power Input
- 3 Digital Input / Output and Audio-In / Audio-Out
- 4 Reset Button
- 5 Memory Card Slot

DIMENSION DIAGRAM



Unit: mm [inch]

ACCESSORY OPTIONS

Dome Cover		
PDCX-1104		Vandal Proof Smoked Dome Cover for B9xA, B910, B914, E61x, E621, E89, E81x, E822
Power Supply		
PPOE-0001		PoE Injector IEEE 802.3af compliant, AC 100~240V, with universal connectors
PPBX-0002		Power Adapter AC 100~240V with universal connectors for all DC12V powered devices

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**B914**

• Device	
Device Type	Outdoor Mini PTZ
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 F1.6 (30 IRE, 2400°K); B/W: 0.05 lux at F1.6 (30 IRE, 2400°K)
Color to B/W Switch	ISP based switch, configurable
Mechanical IR Cut Filter	Yes
IR Sensitivity Range	700 - 1100nm
IR LED	No
Electronic Shutter	1/5 ~ 1/2,000 sec (manual mode); 1/5 ~ 1/10,000 sec (auto mode)
S/N Ratio	56 dB
• Lens	
Focal Length	Zoom, f4.7- 47mm / F1.6 - 3.0
Zoom Ratio / Speed	10x optical / Max 2.2 secs
Zoom Application	Camera Installation; Auto Zoom by Event; Manual Operation
Iris	DC iris
Focus	Auto focus
Horizontal Viewing Angle	58° ~ 5.8°
Vertical Viewing Angle	45.3° ~ 5°
• PTZ	
Manual Panning Speed	5°~80°/s
Manual Tilting Speed	5°~80°/s
Preset Panning Speed	0.1°~180°/s
Preset Tilting Speed	0.1°~150°/s
Panning Range	-175° ~ 175° (without auto-flip)
Tilting Range	0° ~ 180° (with E-flip)
Control	Remote manual control; 256 preset points; 10 preset tours; Auto scan
Preset Panning / Tilting Accuracy	1.5°
Absolute Position	Yes
Protocol	ACTI URL command, Sony VISCA, Pelco D, Pelco P
• Video	
Compression	H.264 (Baseline / Main / High profile), MJPEG
Max. Frame Rate vs. Resolution	30 fps at 2048 x 1536; 60 fps at 1920 x 1080; 60 fps at 1280 x 720; 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
Privacy Mask	17 configurable regions
Image Enhancement	Extreme WDR (145 dB); White Balance: Automatic, Hold and Manual; Brightness; Contrast; Sharpness; Automatic Gain Control; 2D+3D Digital Noise Reduction (DNR); Flickerless; Defogging
Text Overlay	User defined text on video
Image Orientation	Image flip and mirror
Built-in Analytics	Motion Detection, Tamper; Shock Detection; Line Crossing**; Enter Area**; Missing Object**; Unattended Object**; Smoke Detection**; Loitering**; Fire Detection**
• Audio	
Audio	2-way
Compression	8 kHz, 16 bit encoding, Mono, PCM, G.711
Audio-In	Terminal block (Line in / Mic in)
Audio-Out	Terminal block (Line out)
• 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 (10/100Base-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; Sound detection
Alarm Response	Notify control center; Go to PTZ preset point or preset tour; Change camera settings; Command other devices; E-mail notification with snapshots; Save video to local storage; Upload video or snapshot to FTP server; Activate external device through digital output
• Interface	
Digital Input / Digital Output	1, Terminal block / 1, Terminal block
Local Storage	MicroSDHC/MicroSDXC memory card slot (card not included)
• General	
Power Source / Consumption	PoE Class 3 (IEEE802.3af) / 12.2 W; DC 12V / 9.12W
Weight	1495g (3.30lb)
Dimensions (Φ x H)	152.8 mm x 131 mm (6" x 5.2")
Environmental Casing	Weatherproof (IP67 rated); Vandal proof (IK10 rated), Transparent dome cover
Mount Type	Surface, Pendant, Wall, Corner, Pole, Flush, Gang box
Starting Temperature	-30°C ~ 50°C (-22°F ~ 122°F) within 30min
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 and power adapter)
• Integration	
Unified Solution	Fully compatible with ACTI software
ISV Integration	Software Development Kit (SDK) available; ONVIF Compliant; GB28181 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)

** Functionality will be available in future firmware update

* All specifications are subject to change without notice.

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