B94A

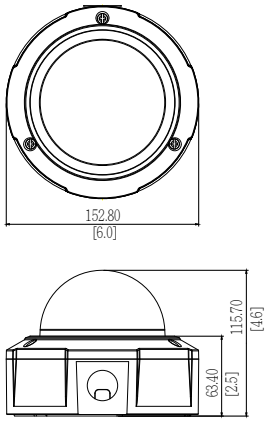
1.3MP Outdoor Mini PTZ with D/N, Basic WDR, SLLS, 10x Zoom Lens

- 1.3 Megapixel with 720p
- Day & Night with Superior Low Light Sensitivity
- 10x Zoom Lens with f4.9 - 49mm / F1.8 - 3.0, DC Iris, Auto Focus
- Basic WDR (88 dB)
- 60 fps at 1280 x 720
- Pan & Tilt
- Weatherproof (IP67) and Vandal Proof (IK10)

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

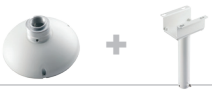


Unit: mm [inch]

ACCESSORY OPTIONS

Dome Cover		
PDCX-1109		Smoked dome cover for B6X/B8X/ B9X, vandal proof (IK10)

Power Supply		
PPOE-0001		IEEE 802.3af PoE Injector for Class 1, 2 or 3 devices, with universal adapter
PPBX-0002		AC 100-240V to DC 12V power adapter with universal connector

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-1013	
Gang Box	PMAX-0804	

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

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PRODUCT SPECIFICATION

	B94A
• Device	
Device Type	Outdoor Mini PTZ
Image Sensor	Progressive Scan CMOS
Sensor Size	1/3"
Effective Pixels	1280 (H) x 960 (V) (1.23 MP)
Horizontal Resolution	1400 TVL
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.1 lux at F1.8 (30 IRE, 2400°K); B/W: 0.05 lux at F1.8 (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	52 dB
• Lens	
Focal Length	Zoom, f4.9- 49mm / F1.8 - 3.0
Zoom Ratio / Speed	10x optical / Max 2 secs
Zoom Application	Camera Installation; Auto Zoom by Event; Manual Operation
Iris	DC iris
Focus	Auto focus
Horizontal Viewing Angle	52.12° ~ 5.9°
• PTZ	
Manual Panning Speed	0.1°~190°/s
Manual Tilting Speed	0.1°~150°/s
Preset Panning Speed	0.1°~190°/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 Positon	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 1280 x 960; 60 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
Privacy Mask	4 configurable regions for each of 17 preset points
Image Enhancement	Basic WDR (88 dB); White balance: automatic, hold and manual; Brightness; Contrast; Sharpness; Automatic gain control; 2D+3D digital noise reduction; Flickerless
Text Overlay	User defined text on video
Image Orientation	Image flip and mirror
• Audio	
Audio	2-way
Compression	8 kHz, 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, Sony VISCA, Pelco D, Pelco P
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	1, Terminal block
Digital Output	1, Terminal block
Local Storage	MicroSDHC/MicroSDXC memory card slot (card not included)
• General	
Power Source / Consumption	PoE Class 3 (IEEE802.3af) / 11.2 W (built-in heater and fan on) DC 12V (adapter not included) / 7.8 W (built-in heater and fan on)
Weight	1306 g (2.88 lb)
Dimensions (Φ x H)	153 mm x 116 mm (6" x 4.6")
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
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)

* All specifications are subject to change without notice.
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