I94

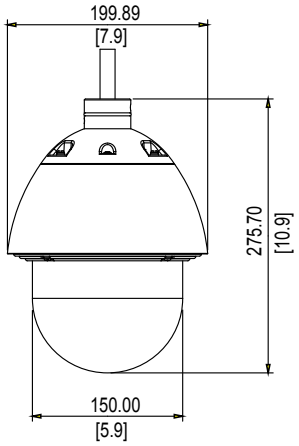
2MP Outdoor PTZ with D/N, Extreme WDR, SLLS, 30x Zoom Lens

- 2 Megapixel with 1080p
- Day & Night with Superior Low Light Sensitivity
- 30x Zoom Lens with f4.3-129mm / F1.6-5.0, DC Iris, Auto Focus
- Extreme WDR (107 dB)
- 30 fps at 1920 x 1080
- Pan & Tilt
- Weatherproof (IP66) and Vandal Proof Options (IK10 or IK09)

PHOTO INDICATION

1. Reset Button
2. Power LED
3. MicroSDHC/MicroSDXC card slot
4. Ethernet Port
5. AC 24V Power Input
6. Digital Input/ Output
7. Audio Output
8. Audio Input

DIMENSION DIAGRAM



ACCESSORY OPTIONS

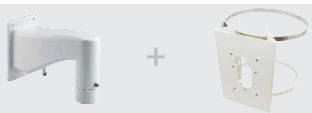
Dome Cover

PDCX-1005		transparent, Vandal proof (IK10)
PDCX-1108		smoke, Vandal proof (IK10)

High PoE Injector

PPOE-0110		High PoE Injector, IEEE 802.3at Power over Ethernet 3 different connectors included

Popular Mounting Solutions

Wall	PMAX-0309	
Pendant	PMAX-0103	
Corner	PMAX-0309 PMAX-0402	
Pole	PMAX-0309 PMAX-0503	
Parapet	PMAX-0808	

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

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PRODUCT SPECIFICATION

	I94
• Device	
Product Type	Outdoor PTZ Camera
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.8"
Day / Night	Yes
Superior Low Light Sensitivity	Yes
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)
• Lens	
Focal Length	Zoom, f4.3 - 129 mm / F1.6 - 5.0
Zoom Ratio	30x optical
Zoom Speed	2.87 sec (1x to 30x)
Iris	DC iris
Focus	Auto focus
Horizontal Viewing Angle	66.4° - 2.61°
• PTZ	
Manual Panning Speed	0.5° - 90°/s
Manual Tilting Speed	0.5° - 90°/s
Preset Panning Speed	0.5° - 450°/s
Preset Tilting Speed	0.5° - 450°/s
Panning Range	0° ~ 360° (with Auto-flip)
Tilting Range	0°-180°
Control	Remote manual control; 256 preset points; 10 preset tours; Auto scan
Preset Panning Accuracy	0.265°
Preset Tilting Accuracy	0.265°
Absolute Positon	Yes
Protocol	ACTi URL command, Sony VISCA, Pelco D, Pelco P
• Video	
Compression	H.264, MJPEG
Max. Frame Rate vs. Resolution	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	Extreme WDR (107 dB); White balance: automatic, hold and manual; Brightness; Contrast; Sharpness; Automatic gain control; 2D+3D Digital Noise Reduction; Flickerless; Defogging; Advanced image stablilizer
Privacy Mask	4 configurable regions
Text Overlay	User defined text on video
Image Orientation	Image flip, mirror, rotation
• Audio	
Audio	2-way
Compression	8 kHz, Mono, PCM, 16 bit encoding; G.711
Audio-In	Cable without connector
Audio-Out	Cable without connector
• Network	
Protocol & Service	TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, 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 level; 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; Go to PTZ preset point or preset tour; Change camera settings; Command other devices; E-mail notification with snapshots; Save video or snapshot to local storage; Upload video, Snapshot to FTP server; Activate external device through digital output
• Interface	
Digital Input	4, cable without connector
Digital Output	2, cable without connector
Local Storage	MicroSDHC/MicroSDXC memory card slot (card not included)
• General	
Power Source / Consumption	High PoE (IEEE802.3at) / 25.44 W (with heater and fan on) AC 24V / 31.5 W (with heater and fan on)
Weight	2500 g (5.51 lb)
Dimensions (Φ x H)	200 x 276 mm (7.9" x 10.9")
Environmental Casing	Weatherproof (IP66); Vandal proof casing (IK10); Bundled dome cover (IK09), Optional dome cover (IK10)
Mount Type	Pendant, Wall, Corner, Pole, Parapet
Starting Temperature	-40°C ~ 50°C (-40°F ~ 122°F) within 30mins
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) IP66, IK09, NEMA 4X
• 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); Other browsers with QuickTime installed (partial functionality)

* All specifications are subject to change without notice.
* All brand names and registered trademarks are the property of their respective owners.