

# I94

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

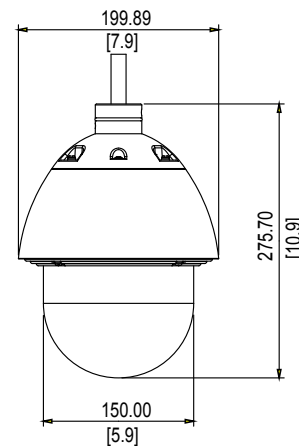


- 2 Megapixel with 1080p
- Day & Night with Superior Low Light Sensitivity
- 30x Zoom Lens with f4.3-129mm / F1.6-5.0, DC Iris, Auto Focus
- Extreme WDR (145 dB)
- 30 fps at 1920 x 1080
- Pan & Tilt
- Weatherproof Options (IP67 or IP66) and Vandal Proof Options (IK10 or IK09)

### PHOTO INDICATION



### DIMENSION DIAGRAM



### ACCESSORY OPTIONS

| Dome Cover        |  |  |
|-------------------|--|--|
| PDCX-1005         |  | Transparent, Vandal proof (IK10)           |
| PDCX-1108         |  | Smoked, Vandal proof (IK10)                |
| High PoE Injector |  |  |
| PPOE-0102         |  | High PoE Injector with universal connector |

| Popular Mounting Solutions |                                     |  |
|----------------------------|-------------------------------------|--|
| Wall                       | PMAX-0312<br>PMAX-0702              |  |
| Pendant                    | PMAX-0102                           |  |
| Corner                     | PMAX-0312<br>PMAX-0702<br>PMAX-0402 |  |
| Pole                       | PMAX-0312<br>PMAX-0702<br>PMAX-0503 |  |
| Parapet                    | PMAX-0808                           |  |

\* For more mounting solutions, please refer to Project Planner on [www.acti.com](http://www.acti.com)

## 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)                 |
| TV Lines                       | 1800  |
| S/N Ratio                      | 56 dB   |

#### • Lens

|                          |                                  |
|--------------------------|----------------------------------|
| Focal Length             | Zoom, f4.3 - 129 mm / F1.6 - 5.0 |
| Zoom Ratio               | 30x optical; 16x digital         |
| 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           | -20° ~ 200°  |
| Control                 | Remote manual control; 256 preset points; 10 preset tours; Auto scan |
| Preset Panning Accuracy | 0.265°   |
| Preset Tilting Accuracy | 0.265°   |
| Absolute Position       | 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 (145 dB); White balance: automatic, hold and manual; Brightness; Contrast; Sharpness; Automatic gain control; 2D+3D Digital Noise Reduction; Flickerless; Defogging; Digital image stabilizer |
| 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 (built-in heater and fan on) ; AC 24V / 31.5 W (built-in 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 (IP67 or 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 (IP67 option), 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)<br>Safari with QuickTime installed, and other browsers with VLC installed (partial functionality) |

\* All specifications are subject to change without notice.

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