

B928

5MP Video Analytics Outdoor Speed Dome with D/N, Adaptive IR, Extreme WDR, SLLS, 36x Zoom Lens



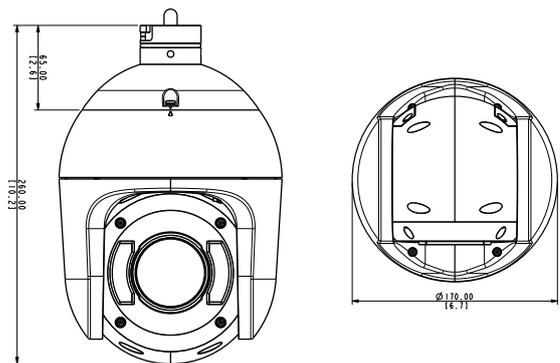
- 5 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- 36x Zoom Lens with f4.6 ~ 165.6 mm, F1.55 ~ F5.0, DC Iris, Auto Focus
- Extreme WDR (120 dB)
- 30 fps at 2592 x 1944
- Endless Pan & Tilt
- Weatherproof (IP66) and Vandal Proof Metal Casing (IK10) with Built-in Dehumidifier
- Scratch-resistant and Water-repellent Lens Glass
- Built-in Analytics

PHOTO INDICATION



- | | |
|--------------------|-------------------------|
| ① Power LED | ⑤ Audio Input |
| ② Reset Button | ⑥ Digital Input/ Output |
| ③ Memory Card Slot | ⑦ AC 24V Power Input |
| ④ Audio Output | ⑧ Ethernet Port |

DIMENSION DIAGRAM



Unit: mm [inch]

ACCESSORY OPTIONS

| High PoE Injector | | |
|-------------------|--|--|
| PPOE-0102 | | High PoE Injector with universal connector |

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

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

PRODUCT SPECIFICATION**• Device**

| | |
|--------------------------|---|
| Product Type | Outdoor Speed Dome |
| Image Sensor | Progressive Scan CMOS |
| Sensor Size | 1/2.9" |
| Effective Pixels | 3096 (H) x 2202 (V) (6.82 MP) |
| Horizontal Resolution | 1750 TVL |
| Day / Night | Yes |
| Low Light Sensitivity | Superior |
| Minimum Illumination | Color: 0.05 lux at F1.55 (30 IRE, 2400°K); B/W: 0 lux at F1.55 (IR LED On) |
| Color to B/W Switch | ISP based switch, configurable |
| Mechanical IR Cut Filter | Yes |
| IR Sensitivity Range | 700 ~ 1100nm |
| IR LED | Adaptive IR LED |
| IR Working Distance | 150 m |
| Electronic Shutter | 1/5 ~ 1/64000 sec (manual mode) 1/5 ~ 1/64000 sec (auto mode) |
| S/N Ratio | 56 dB |

• Lens

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|--------------------------|--|
| Focal Length | Zoom, f4.6 ~ 165.6 mm |
| Zoom Ratio | 36x optical |
| Zoom Application | Camera Installation, Auto Zoom by Event, Manual Operation |
| Iris | DC iris |
| Focus | Auto focus |
| Horizontal Viewing Angle | 64.3° ~ 2.04° |
| Vertical Viewing Angle | 39.62° ~ 1.62° |

• PTZ

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|--------------------------------|--|
| Manual Panning / Tilting Speed | 0.16° ~ 54.4°/second, 0.16° ~ 27.2°/second |
| Preset Panning / Tilting Speed | 0.16° ~ 300°/second, 0.16° ~ 150°/second |
| Panning Range | 360° Endless |
| Tilting Range | -20° ~ 200° |
| Protocol | Visca, Pelco-D, Pelco P, ACTi URL command |

• Video

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|--------------------------------|--|
| Compression | H.265 H.264 (Baseline / Main / High profile) MJPEG |
| Max. Frame Rate vs. Resolution | 30 fps at 2592 x 1944 30 fps at 2048 x 1536 30 fps at 1920 x 1080 30 fps at 1280 x 960 30 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 (120 dB), White Balance, Brightness, Contrast, Saturation, Sharpness, Automatic Gain Control, Flickerless, Digital Image Stabilizer, Defogging |
| Privacy Mask | 32 configurable 3D privacy masks |
| Text Overlay | User defined text on video |
| Image Orientation | Image flip and mirror |
| Built-in Analytics | Object Based Motion Detection Tampering Detection Shock Detection PTZ Auto Tracking* |

• Audio

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|----------------------|--|
| Audio | 2-way, Line-in, Line-out |
| Compression | 8 kHz, Mono, PCM, 16 bit encoding, G.711 |
| Audio-In / Audio-Out | Cable with 3.5mm phone jack |

• Network

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|--------------------|---|
| 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 x RJ-45 connector |
| Security | IP address filtering; HTTPS encryption; Password protected user level; Anonymous login; IEEE 802.1x network access control |

• Alarm

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|----------------|---|
| Alarm Trigger | Video Motion Detection (10 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, 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

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|----------------|---|
| Digital Input | 4, Cable with Terminal Block |
| Digital Output | 2, Cable with Terminal Block |
| Local Storage | MicroSDHC, MicroSDXC memory card slot (card not included) |

• General

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|-----------------------|--|
| Power Source | High PoE (IEEE802.3at), AC 24V |
| Power Consumption | 25.5 W (PoE) |
| Weight | 3112 g (6.86 lb) |
| Dimensions (Φ x H) | 170 mm x 260 mm (6.69" x 10.24") |
| Environmental Casing | Weatherproof (IP66), Vandal proof metal casing (IK10), Built-in dehumidifier, Scratch-resistant and water-repellent lens glass |
| Mount Type | Gang Box, Pendant, Converter for NPT Standard Mounts, Wall Mount, Pole Mount, Corner Mount |
| Fan | Yes |
| Heater | Yes |
| Starting Temperature | -40°C ~ 55°C (-40°F ~ 131°F) within 30 minutes |
| Operating Temperature | -40°C ~ 55°C (-40°F ~ 131°F) |
| Operating Humidity | 10% ~ 85% RH |
| Bundled Accessories | High PoE injector (for USA) or Power Adapter (for other countries) |
| Approvals | CE, FCC, IP66, NEMA 4X, IK10 (metal casing), UL (for bundled power adapter) |

• Integration

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|-----------------------|--|
| Unified Solution | Fully compatible with ACTi software |
| ISV Integration | Software Development Kit (SDK) available; ONVIF Compliant; GB28181 Compliant |
| Web Browser | IE 11 |
| Auto Firmware Upgrade | Yes |
| GPS Position | Manual setting |

* All specifications are subject to change without notice.

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