

E93

5MP with Basic WDR,



- 5 Megapixel
- Fixed Lens with f1.9mm/F2.8
- Basic WDR
- Wide Angle
- Super wide angle
- Event trigger, response and notification

► Specifications

Device

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|----------------------------------|---|
| Product Type | Mini Dome |
| Maximum Resolution | 5MP |
| Application Environment | Indoor |
| Image Sensor | Progressive Scan CMOS |
| Sensor Size | 1/3.2 " |
| Effective Pixels | 2592(H) X 1944(V) (5.04 MP) |
| Day / Night | No |
| Low Light Sensitivity | Standard |
| Minimum Illumination | Color: 0.1 lux at F2.8 (30 IRE, 2400 K) |
| Mechanical IR Cut Filter | No |
| IR LED | No |
| Electronic Shutter | 1/5-1/2000 second (manual mode); 1/5-1/10000 second (auto mode) |
| Horizontal Resolution (TV Lines) | 1350 TVL |
| S/N Ratio | 52 dB |

Lens

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|--------------------------|---|
| Focal Length | Fixed focal, f1.9mm |
| Aperture | F2.8 |
| Iris | Fixed iris |
| Focus | Fixed focus |
| Lens Mount | Board mount |
| Horizontal Viewing Angle | 126.9° (overview area) 77.4° (high detail area) |
| Vertical Viewing Angle | 95.5° |
| Viewing Angle Adjustment | Pan: ±90°, Tilt: 0°-90° |

Video

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| Compression | H.264 (Baseline/ Main/ High profile), MJPEG |
| Maximum Frame Rate vs. Resolution | 15 fps at 2592 x 1944 15 fps at 2048 x 1536 30 fps at 1920 x 1080 30 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 | 28Kbps - 6Mbps (per stream) |
| Bit Rate Mode | Constant, Variable |
| Wide Dynamic Range | Basic WDR (74 dB) |
| Image Enhancement | White Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless |
| Digital Noise Reduction | DNR |
| Privacy Mask | 4 configurable regions |
| Text Overlay | Yes |
| On-Screen Graphics (Picture Overlay) | Yes |
| Server-based Analytics | Object Line Counting, People Counting, Face Detection, Object Based Motion Detection, Tamper, Object Line Crossing Detection, Object Enter Area Detection, Missing Object Detection, Unattended Object Detection, Smoke Detection, Heat Map, Dwell Time, People Queue Detection, (Require PC-based or standalone IVS or ALPR Server. Contact ACTi support for recommendations on how to maximize analytical accuracy) |
| Image Orientation | Flip, Mirror |

Network

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| 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 x RJ-45 connector |
| Security | IP address filtering, HTTPS encryption, Password protected user level, Anonymous login, IEEE 802.1X network access control, Standard IoT Security (anti-hacking, anti-malware) |

Event

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| Event Trigger | Video motion detection (3 regions), Video streams loss, System log buffer overrun, Remove system log, Logon events (Login Failure, Login Success, Block an Account) |
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| Event Response | Notify control center, Change camera settings, Command other devices, E-mail notification with snapshots, Push notification to mobile device, Save video to local storage, Upload video or snapshot to FTP server, Upload video to NVR server |
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System

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| System Log | Support |
| Watchdog | Support |

Integration

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| Unified Solution | Fully compatible with ACTi software |
| Software Development Kit | Yes |
| GPS Position | Manual setting |
| Edge Recording | Support (integration with NVR by ONVIF Profile G or proprietary protocol)* |
| ONVIF Compliant | Yes, Profile S, Profile G, Profile T, Profile Q |
| GB28181 Compliant | Yes |
| Web Browser | IE 11, Google Chrome, Microsoft Edge, Apple Safari |
| Auto Firmware Upgrade | Yes |

Interface

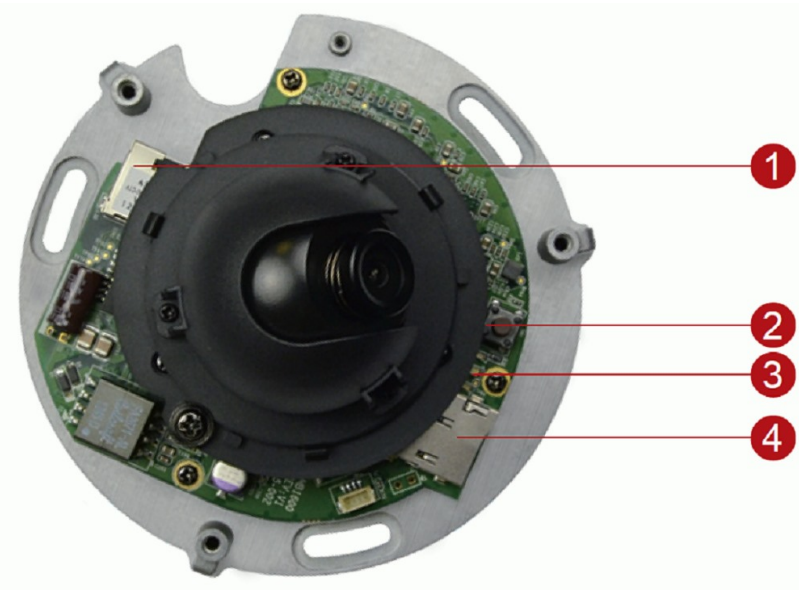
| | |
|------------------|--|
| Local Storage | MicroSDHC, MicroSDXC Memory Card Slot (card not included, up to 256GB, Kingston or Sandisk only) |
| Operating Button | Reset Button |

General

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| Power Source | PoE Class 2 (IEEE802.3af) |
| Power Consumption | 6 W (PoE) |
| Weight | 191g (0.42lb) |
| Dimensions | (Ø x H): 110mm x 58mm (4.3" x 2.3") |
| Environmental Casing | Vandal resistant (IK08) |
| Mount Type | Surface, Gang Box, Pendant, Converter for NPT Standard Mounts, Wall Mount, Pole Mount |
| Starting Temperature | -10°C ~ 50°C (14°F ~ 122°F) |
| Operating Temperature | -10°C ~ 50°C (14°F ~ 122°F) |
| Operating Humidity | 10% - 85% RH |
| Approvals | CE Class B, FCC Class B, EAC, IPX8, IK08, UL (for optional PoE injector) |
| Warranty | 3 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty |

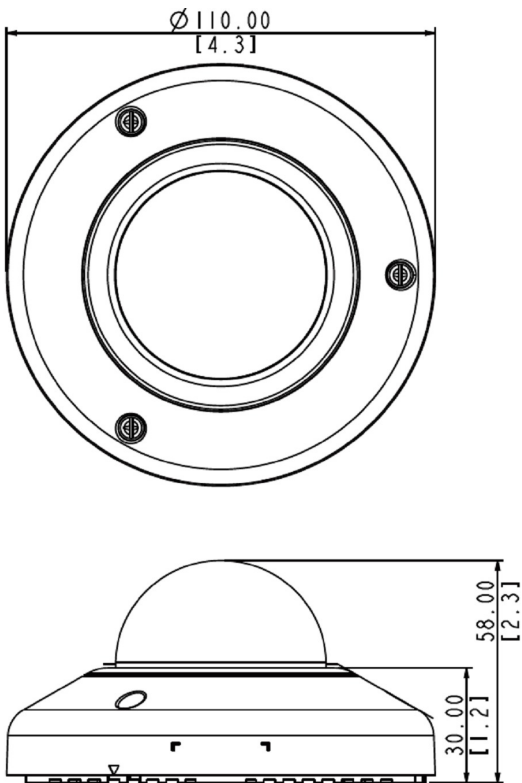
* Edge Recording function is integrated with NVR 3 Corporate / NVR 3 Business / INR / GNR series.

► Photo Indication



- 1 Ethernet Port
- 2 Power LED
- 3 Reset Button
- 4 Memory Card Slot










► Dimension Diagram



Unit: mm [inch]


► Related Products

Mounting Accessories - Camera Mount


| | | |
|-----------|---|--|
| PMAX-0111 |  | Straight Tube (for D5x, D9x, E5x, E9x, E9xx/M) |
| PMAX-0112 |  | Extension Tube (for D5x, D9x, E5x, E9x, E9xx/M) |
| PMAX-0122 |  | Straight Tube (for A71, A88, A9x,) |
| PMAX-0123 |  | Extension Tube (for A71, A88, A9x,) |
| PMAX-0316 |  | Wall Mount (for D5x, D9x, E5x, E78, E9x, E9xx/M) |
| PMAX-0506 |  | Pole Mount (for A31, A4x, E78, E9x, E9xx), supports 2" to 3" Poles |
| PMAX-0805 |  | Gang Box Converter (for D5x, D9x, E5x, E78, E9x, E9xx/M), supports 4" Round and 4" Octagon Boxes |
| PMAX-0809 |  | Converter Ring, 1.0" NPT for Third-Party Mounting Accessories |
| PMAX-1400 |  | Mount Kit (for D5x, D9x, E5x, E78, E9x, E9xx/M) |

Note: Some mounting accessories may need additional accessories for installation. Please check www.acti.com/mountingselector for more information.


Lenses - Fixed Lens

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| PLEN-4101 |  | Fixed Focal f1.9mm, Fixed Iris F2.8, Fixed Focus, Board Mount Lens |
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Dome Covers - Transparent Dome Cover

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| R701-50002 |  | Dome Cover Housing with Transparent Dome Cover (for D91, D92, E91, E92, E94, E95) |
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Dome Covers - Smoked Dome Cover

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| PDCX-1106 |  | Vandal Resistant Smoked Dome Cover for Indoor Mini Domes |
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Power Supply Accessories - PoE Injector

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| PPOE-0002 |  | PoE Injector IEEE 802.3af compliant, AC 100~240V, with universal connectors |
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Network & Storage Peripherals - Data Switch

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| PPSW-0102 |  | PLANET FGSD-1011HP 8-Port 802.3at PoE Switch (PoE Budget 120W) |
| PPSW-0105 |  | PLANET GS-4210-8P2C 8-Port Gigabit 802.3at Managed PoE Switch (PoE Budget 120W) |
| PPSW-1101 |  | PLANET GS-4210-24PL4C 24-Port Gigabit 802.3at Managed PoE Switch (PoE Budget 440W) |
| PPSW-2101 |  | 4-Port 802.3at PoE Switch (PoE Budget 62W) |
| PPSW-3100 |  | PLANET FGSW-1816HPS 16-Port 802.3at PoE Switch (PoE Budget 220W) |

Extenders - PoE Extender

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| PPEX-0100 |  | Veracity OUTREACH Max Power over Ethernet (PoE) Extender |
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Extenders - PoE over Coaxial Extender Kit

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| PPOC-0100 |  | Planet LRP-101C-KIT Power over Coax Adapter Kit |
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