# A74

### 6MP Outdoor Dome with D/N, Adaptive IR, Superior WDR, SLLS, Fixed Lens



- 6 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- Fixed Lens with f2.8mm/F2.0
- Superior WDR
- H.265 Compression
- Wide Angle
- Event trigger, response and notification

## ▶ Specifications

### Device

| | |
|---|---|
| Product Type | Dome |
| Maximum Resolution | 6MP |
| Application Environment | Outdoor |
| Image Sensor | Progressive Scan CMOS |
| Sensor Size | 1/2.7 " |
| Day / Night | Yes |
| Low Light Sensitivity | Superior |
| Minimum Illumination | Color: 0.01 lux; B/W: 0 lux (IR LED on) |
| Color to B/W Switch | ISP based switch, configurable |
| Mechanical IR Cut Filter | Yes |
| IR LED | Adaptive IR LED (850 nm) |
| IR Working Distance | 65m (1.0 lux) |
| Electronic Shutter | 1/5-1/64000 second (manual mode); 1/5-1/64000 second (auto mode) |

### Lens

| | |
|---|---|
| Focal Length | Fixed focal, f2.8mm |
| Aperture | F2.0 |

![ACTi Connecting Vision]  www.acti.com

• For product and mounting accessory information, visit: www.acti.com/products and www.acti.com/mountingselector
• All specifications are subject to change without notice.

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| Focus | Fixed focus |
|---|---|
| Lens Mount | Board mount |
| Horizontal Viewing Angle | 97° |
| Vertical Viewing Angle | 63° |
| Viewing Angle Adjustment | Pan: 0°-355°, Tilt: 0°-75°, Rotation: 0°-355° |

## Video

| Compression | H.265, H.264 (Main/ High profile), MJPEG |
|---|---|
| Maximum Frame Rate vs. Resolution | 20 fps at 3072 x 2048 20 fps at 2592 x 1944 25 fps at 2688 x 1520 30 fps at 2560 x 1440 30 fps at 1920 x 1080 30 fps at 1280 x 960 30 fps at 1280 x 720 30 fps at 640 x 480 |
| Multi-Streaming | Simultaneous quad streams |
| Bit Rate | 128Kbps - 12Mbps (per stream) |
| Bit Rate Mode | Constant, Variable |
| Wide Dynamic Range | Superior WDR (120 dB) |
| Image Enhancement | White Balance, Backlight compensation, Brightness, Contrast, Sharpness, Automatic gain control, Defogging |
| Digital Noise Reduction | 3D DNR |
| Privacy Mask | Yes |
| Text Overlay | Yes |
| Built-in Analytics | Tampering Detection*, Face Detection*, Object Line Crossing Detection*, Object Enter Area Detection* |
| 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, Direction Detection, Automatic License Plate Recognition, 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, Rotation |

## Audio

| Audio Type | 2-way, Mic-in, Line-in, Line-out |
|---|---|
| Audio Compression | G.711 |

## Network

| Network Protocol & Service | IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, Bonjour, UPnP, QoS, SNMP, IEEE 802.1X |
|---|---|
| Ethernet Port | 1 x Ethernet (10/100 Base-T), RJ-45 connector |
| Security | IP address filtering, HTTPS encryption, Password protected user level, Anonymous login, IEEE 802.1X network access control |

## Event

| Event Trigger | Video motion detection (3 regions), External device through digital input, Sound detection, Tampering detection |
|---|---|

## Integration

| GPS Position | Manual setting |
|---|---|
| ONVIF Compliant | Yes, Profile S, Profile G, Profile Q, Profile T |

| Web Browser | IE 11 |
|---|---|
| Auto Firmware Upgrade | Yes |

## Interface

| Local Storage | MicroSD, MicroSDHC, MicroSDXC Memory Card Slot (card not included, up to 128GB) |
|---|---|
| Digital Input/Output | 1/1 (Terminal block) |

## General

| Power Source | DC 12V, PoE Class 3 (IEEE802.3af) |
|---|---|
| Power Consumption | 9 W (PoE), 7.5 W (DC) |
| Weight | 500g (1.1lb) |
| Dimensions | (Ø x H): 111mm x 82.4mm (4.4" x 3.2") |
| Environmental Casing | Weatherproof (IP67), Vandal proof (IK10) |
| Operating Temperature | -30°C ~ 60°C (-22°F ~ 140°F) |
| Operating Humidity | 10% - 95% RH |
| Material | Camera body: Metal Dome Cover: Plastic |
| Warranty | 3 Year(s) |

* To be available through future firmware upgrade

## ▶ Related Products

**Mounting Accessories - Camera Mount**

| PMAX-0122 | | Straight Tube (for A71, A88, A9x,) |
|---|---|---|
| PMAX-0123 | | Extension Tube (for A71, A88, A9x,) |
| PMAX-0318 | | Wall Mount (for A91, A92, Z91, A61, A62) |
| PMAX-0523 | | Pole Mount (for A31, PMAX-0318), supports 2" to 3" Poles |
| PMAX-0718 | | Junction Box (for A71) |
| PMAX-0816 | | Converter Ring, 1.0" NPT for Third-Party Mounting Accessories, White |
| PMAX-1402 | | Mount Kit (for A91, A92, Z91, A61, A62, A71) |

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

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