

# A71

## 4MP Outdoor Dome with D/N, Adaptive IR, Extreme WDR, SLLS, Fixed Lens



- 4 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- Fixed Lens with f2.8mm/F1.6
- Extreme WDR
- H.265 Compression
- Super wide angle
- Event trigger, response and notification

### ► Specifications

#### Device

|                          |  |
|--------------------------|--|
| Product Type             | Dome   |
| Maximum Resolution       | 4MP  |
| 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; BW: 0.018 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      | 45m  |
| Electronic Shutter       | 1/5-1/64000second (manual mode); 1/5-1/64000second (auto mode) |

#### Lens

|              |                     |
|--------------|---------------------|
| Focal Length | Fixed focal, f2.8mm |
| Aperture     | F1.6                |

|                          |   |
|--------------------------|---|
| Iris                     | Fixed iris                                    |
| Focus                    | Fixed focus                                   |
| Lens Mount               | Board mount                                   |
| Horizontal Viewing Angle | 103°  |
| Vertical Viewing Angle   | 58°   |
| Viewing Angle Adjustment | Pan: 0°-355°, Tilt: 0°-75°, Rotation: 0°-355° |

## Video

|                                   |   |
|-----------------------------------|---|
| Compression                       | H.265, H.264, MJPEG   |
| Maximum Frame Rate vs. Resolution | 30 fps at 2688 x 1520 30 fps at 2560 x 1440 30 fps at 2304 x 1296 30 fps at 1920 x 1080 30 fps at 1280 x 720 30 fps at 640 x 480 30 fps at 640 x 360 30 fps at 320 x 240  |
| Multi-Streaming                   | Simultaneous quad streams   |
| Bit Rate                          | 128Kbps - 12Mbps (per stream)   |
| Bit Rate Mode                     | Constant, Variable  |
| Wide Dynamic Range                | Extreme WDR (150 dB)  |
| Image Enhancement                 | White Balance, Backlight compensation, Brightness, Contrast, Sharpness, Automatic gain control  |
| 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, Line-in, Mic-in, Line-out |
| Audio Compression | G.711                            |

## Network

|                            |  |
|----------------------------|--|
| Network Protocol & Service | IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RSTP, RTCP, SMTP, FTP, IGMP, ICMP, Bonjour, UPnP, QoS, SNMP, IEEE 802.1X |
| Ethernet Port              | 1, 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**

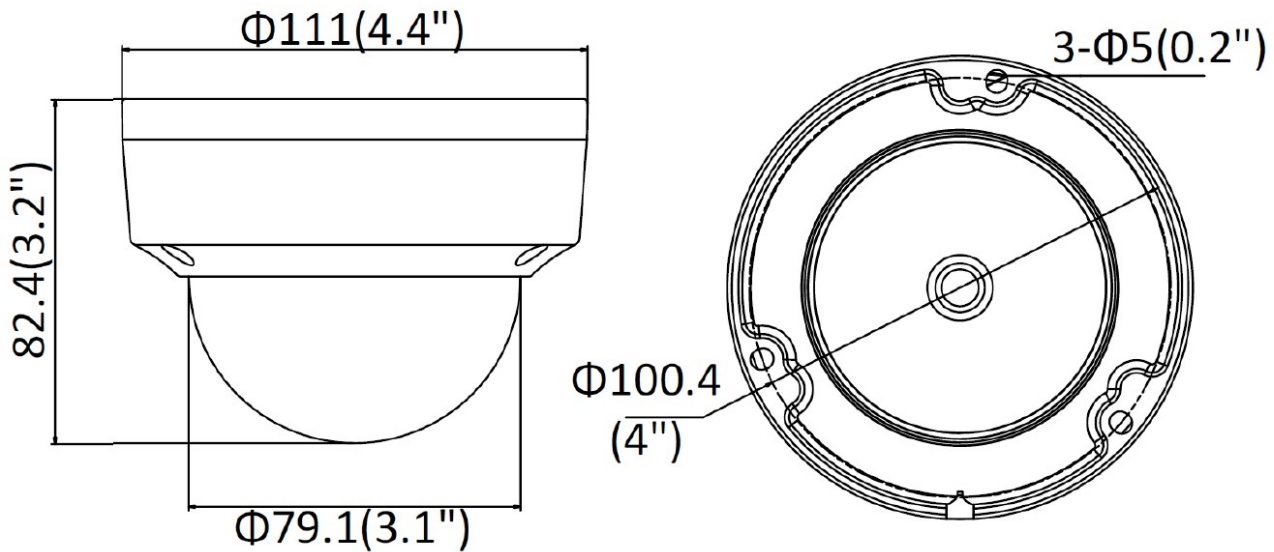
|                      |   |
|----------------------|---|
| Audio Interface      | 1/1, Terminal block   |
| Local Storage        | MicroSD, MicroSDHC, MicroSDXC Memory Card Slot (card not included, up to 128GB) |
| Digital Input/Output | 1/1 (Terminal block)  |

**General**

|                       |  |
|-----------------------|--|
| Power Source          | DC 12V, PoE Class 3 (IEEE802.3af)                  |
| Power Consumption     | 6 W (DC), 7.5 W (PoE)                              |
| Weight                | 610g (1.3lb)                                       |
| Dimensions            | ( $\varnothing$ 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)                       |
| Warranty              | 3 Year(s)  |

\* To be available through future firmware upgrade








**► Dimension Diagram**



Unit: mm [inch]

## ▶ 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 |
| 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](http://www.acti.com/mountingselector) for more information.