# A713

**5MP Outdoor Hemispheric Dome with D/N, Adaptive IR, Extreme WDR, SLLS, Fixed Lens**

- 5 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- Fisheye Lens with f1.1mm/F2.4
- Extreme WDR
- H.265 Compression
- 360°/180° Panorama View with Dewarped Streaming
- Event trigger, response and notification

## ▶ Specifications

### Device

| | |
|---|---|
| Product Type | Hemispheric Dome |
| Maximum Resolution | 5MP |
| Application Environment | Outdoor |
| Image Sensor | Progressive Scan CMOS |
| Sensor Size | 1/3.2 " |
| Effective Pixels | 2592(H) X 1944(V) (5.04 MP) |
| Day / Night | Yes |
| Low Light Sensitivity | Superior |
| Minimum Illumination | Color: 0.01 lux at F2.4; B/W: 0 lux (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 | 20m |
| Electronic Shutter | 1-1/10000 second (manual mode); 1-1/10000 second (auto mode) |

| Horizontal Resolution (TV Lines) | 1800 TVL |
|---|---|
| S/N Ratio | 56 dB |

## Lens

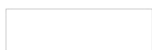| Focal Length | Fixed focal, f1.1mm |
|---|---|
| Aperture | F2.4 |
| Iris | Fixed iris |
| Focus | Fixed focus |
| Lens Mount | Board mount |
| Horizontal Viewing Angle | 197° (overview area) |
| Vertical Viewing Angle | 197° (Fisheye View) |

## Video

| Compression | H.265, H.264 (Main/ High profile), MJPEG |
|---|---|
| Maximum Frame Rate vs. Resolution | (Fisheye View) 30 fps at 1920 x 1920 30 fps at 1920 x 1080 30 fps at 1600 x 1200 30 fps at 1408 x 1408 30 fps at 960 x 960 30 fps at 960 x 720 30 fps at 960 x 544 (Dewarped View) 30 fps at 1920 x 1080 30 fps at 1600 x 1200 30 fps at 960 x 720 30 fps at 960 x 544 (ePTZ View) 30 fps at 1920 x 1920 30 fps at 1920 x 1080 30 fps at 1600 x 1200 30 fps at 1408 x 1408 30 fps at 960 x 960 30 fps at 960 x 720 30 fps at 960 x 544 30 fps at 480 x 360 |
| View Mode | Fisheye View Dewarped View 270-degree Corner View Multiple View ePTZ View |
| Multi-Streaming | Simultaneous triple streams based on a single configuration |
| Bit Rate | 128Kbps - 12Mbps (per stream) |
| Bit Rate Mode | Constant, Variable |
| Wide Dynamic Range | Extreme WDR (130 dB) |
| Image Enhancement | White Balance, Brightness, Contrast, Sharpness, Saturation, Automatic gain control, Backlight compensation (BLC) |
| Digital Noise Reduction | 2D + 3D DNR |
| Privacy Mask | Yes, 5 configurable regions |
| Text Overlay | Yes |
| Built-in Analytics | Tampering Detection |
| Image Orientation | Flip, Mirror |

## Audio

| Audio Type | 2-way, Line-in, Line-out |
|---|---|
| Audio Compression | PCM, G.711, G.726, AAC |

## Network

| Network Protocol & Service | IPv4/v6, TCP, UDP, PPPoE, HTTP, HTTPS, DDNS, NTP, RTP, RTSP, SMTP, FTP, ICMP, ARP, 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, IEEE 802.1X network access control |

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## Event

| Event Trigger | Video motion detection, Tampering detection, External device through digital input, Sound detection |
|---|---|
| Event Response | E-mail notification with snapshots, Save video to local storage, Upload snapshot to FTP server, Activate external device through digital output |

## System

| System Log | Support |
|---|---|
| Watchdog | Support |

## Integration

| Unified Solution | Fully compatible with ACTi software |
|---|---|
| Edge Recording | Support (integration with NVR by ONVIF Profile G) |
| ONVIF Compliant | Yes, Profile S, Profile G, Profile T, Profile M |
| Web Browser | Microsoft Edge(IE mode), Microsoft Edge, Google Chrome, Firefox |

## Interface

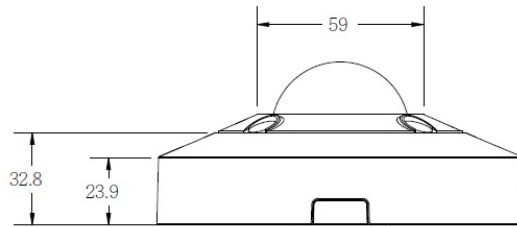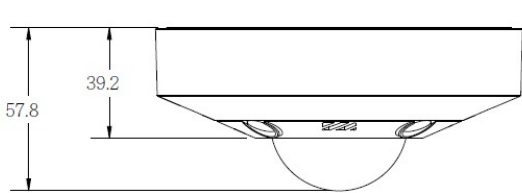| Audio Interface | 1/1, Cable with 3.5mm Phone Jack |
|---|---|
| Local Storage | MicroSD, MicroSDHC, MicroSDXC Memory Card Slot (card not included, up to 256GB, Kingston or Sandisk only) |
| Digital Input/Output | 1/1 (Terminal block) |
| Operating Button | Reset Button |

## General

| Power Source | DC 12V, PoE Class 0 (IEEE802.3af) |
|---|---|
| Power Consumption | 12.95 W (PoE) |
| Weight | 557.5g (1.23lb) |
| Dimensions | (Ø x H): 130mm x 57.8mm (5.11" x 2.28") |
| Environmental Casing | Weatherproof (IP66), Vandal proof (IK10) |
| Mount Type | Wall Mount, Pole Mount, Pendant, Corner Mount, Gang Box |
| Heater | Yes |
| Operating Temperature | -30°C ~55°C (-22°F ~ 131°F) heater on |
| Operating Humidity | 10% - 90% RH |
| Approvals | CE Class A, FCC Class A, IP66, IK10 |
| Real-time Clock (RTC) | Yes |
| Warranty | 3 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty |

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## ▶ Photo Indication
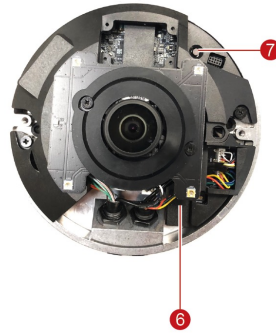
1. DC 12V Power Input
2. Ethernet Port
3. Audio Input
4. Digital Input / Output
5. Audio Output
6. Memory Card Slot
7. Reset Button

## ▶ Dimension Diagram

57.8
39.2

59
32.8
23.9

Ø 130
DOME DIMENSION

93.4
4.9°
2X Ø 4.2

Ø 122.8
BASE DIMENSION

Unit: mm [inch]

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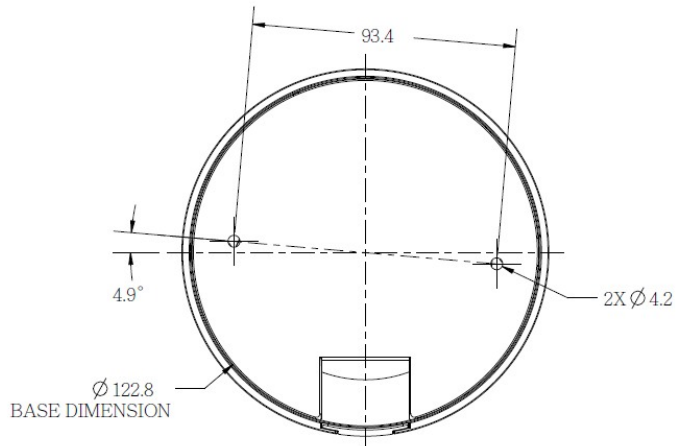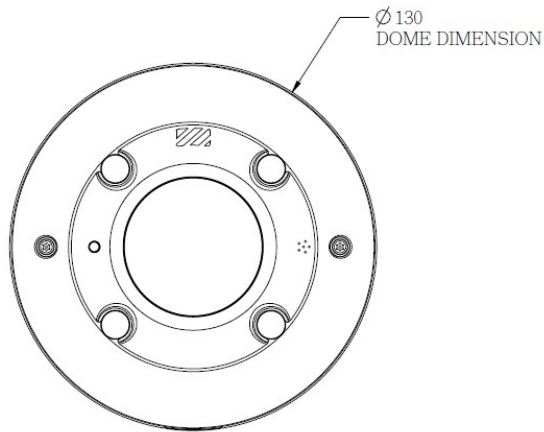
## ▶ Related Products

### Mounting Accessories - Camera Mount

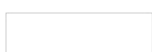| | | |
|---|---|---|
| PMAX-0102 | | Straight Tube |
| PMAX-0103 | | Straight Tube with Bracket |
| PMAX-0130 | | Mount Kit (for A711, A713) |
| PMAX-0302 | | Gooseneck with Bracket |
| PMAX-0303 | | Gooseneck |
| PMAX-0354 | | Heavy Duty Wall Mount for A711, A713 |
| PMAX-0355 | | 10-Degree Tilted Wall Mount (for A711, A713) |
| PMAX-0356 | | 35-Degree Tilted Wall Mount (for A711, A713) |
| PMAX-0402 | | Corner Mount |
| PMAX-0503 | | Pole Mount (for PMAX-0102, PMAX-0312, PMAX-0313, PMAX-0314, PMAX-0702, PMAX-1106, PMAX-1107), supports 5.25" to 8.5" Poles |
| PMAX-0702 | | Junction Box for PTZ and Dome Cameras |
| PMAX-0822 | | Gang Box Converter (for A711, A713) |
| PMAX-1033 | | Flush Mount (for A711, A713) |

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

### Power Supply Accessories - Power Adapter

| | | |
|---|---|---|
| PPBX-0011 | | Power Adapter AC 100~240V, with universal connectors for all DC12V powered devices |

### Power Supply Accessories - PoE Injector

| | | |
|---|---|---|
| PPOE-0002 | | PoE Injector IEEE 802.3af compliant, AC 100~240V, with universal connectors |

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## Network & Storage Peripherals - Memory Card

| | | |
|---|---|---|
| PMMC-0400 | | SanDisk 128GB MicroSDXC Class 10 Memory Card ( SDSQQNR-128G-GN6IA) |
| PMMC-0500 | | Kingston 256GB MicroSDXC Class 10 UHS-1 Memory Card (SDCS2/256Gb) |

2023/10/22

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