

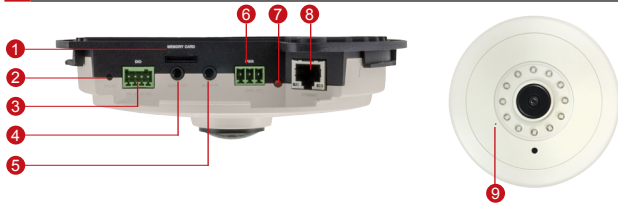
# B57

6MP Video Analytics Indoor Hemispheric Dome with D/N, Adaptive IR, Extreme WDR, SLLS, Fisheye Lens



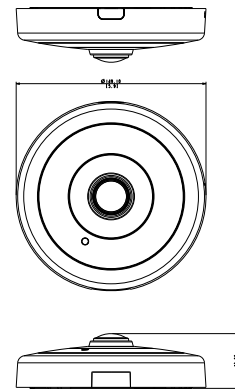
- 6 Megapixel with 1080p
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- Fisheye Lens with f1.3mm / F2.6
- Extreme WDR (130 dB)
- 24 fps at 3072 x 2048
- 180/360° Panorama View with Dewarped Streaming
- Built-in Analytics

## PHOTO INDICATION



- |                          |                      |
|--------------------------|----------------------|
| 1 Memory Card Slot       | 5 Audio Input        |
| 2 Reset Button           | 6 DC 12V Power Input |
| 3 Digital Input / Output | 7 Power LED          |
| 4 Audio Output           | 8 Ethernet Port      |
|                          | 9 Built-in Mic       |

## DIMENSION DIAGRAM



Unit: mm [inch]

## ACCESSORY OPTIONS

| Power Supply |  |   |
|--------------|--|---|
| PPOE-0001    |  | IEEE 802.3af PoE Injector for Class 1, 2 or 3 devices, with universal adapter |
| PPBX-0002    |  | AC 100-240V to DC 12V power adapter with universal connector                  |

| Popular Mounting Solutions |                          |  |
|----------------------------|--------------------------|--|
| Surface                    | Accessories not required |  |
| Flush                      | PMAX-1009                |  |
| Wall                       | PMAX-0310                |  |
| Pendant                    | PMAX-0101<br>PMAX-0103   |  |
| Pole                       | PMAX-0310<br>PMAX-0503   |  |
| Corner                     | PMAX-0310<br>PMAX-0402   |  |
| Gang Box                   | PMAX-0804                |  |

\* For more mounting solutions, please refer to Project Planner on [www.acti.com](http://www.acti.com)

## PRODUCT SPECIFICATION

### B57

#### • Device

|                          |  |
|--------------------------|--|
| Device Type              | Indoor Hemispheric Dome  |
| Image Sensor             | Progressive Scan CMOS  |
| Sensor Size              | 1/1.8"   |
| Effective Pixels         | 3096 (H) x 2080 (V) (6.44 MP)  |
| Horizontal Resolution    | 1800 TVL   |
| Day / Night              | Yes  |
| Low Light Sensitivity    | Superior   |
| Minimum Illumination     | Color: 0.1 lux at F2.6 (30 IRE, 2400°K); B/W: 0 lux at F2.6 (30 IRE, 2400°K) |
| Color to B/W Switch      | ISP based switch, configurable   |
| Mechanical IR Cut Filter | Yes  |
| IR Sensitivity Range     | 700 - 1100 nm  |
| IR LED                   | Adaptive IR LED x 12 (850nm)   |
| IR Working Distance      | 20m (0 lux, 30 IRE, Gain 255, Manual shutter mode)                           |
| Electronic Shutter       | 1/5 ~ 1/2,000 sec (manual mode); 1/5 ~ 1/10,000 sec (auto mode)              |
| S/N Ratio                | 56 dB  |

#### • Lens

|                          |                                     |
|--------------------------|-------------------------------------|
| Focal Length / Aperture  | Fixed (fisheye lens), f1.3mm / F2.6 |
| Iris                     | Fixed iris                          |
| Focus                    | Fixed focus                         |
| Mount Type               | Board mount                         |
| Horizontal Viewing Angle | 187°                                |

#### • Video

|                                |   |
|--------------------------------|---|
| Compression                    | H.264 (Baseline / Main / High profile), MJPEG   |
| View Mode                      | Fisheye view; Dewarped view: 180° / 360° Panorama, ePTZ   |
| Max. Frame Rate vs. Resolution | <b>Fisheye view mode:</b> 20 fps at 3072 x 2048; 30 fps at 2048 x 2048; 20 fps at 1280 x 960; 30 fps at 1024 x 768; 30 fps at 800 x 800; 30 fps at 640 x 600; 30 fps at 640 x 480<br><b>Dewarped view mode:</b> 30 fps at 1920 x 1080; 30 fps at 1920 x 480; 30 fps at 1280 x 720; 30 fps at 640 x 480; 30 fps at 640 x 160 |
| Multi-Streaming                | Simultaneous triple streams based on video configurations   |
| Bit Rate                       | 128 Kbps - 12 Mbps (per stream)   |
| Bit Rate Mode                  | Constant, Variable  |
| Image Enhancement              | Extreme WDR (130 dB); White balance: automatic, hold and manual; Brightness; Contrast; Sharpness (auto); Automatic gain control; 2D+3D digital noise reduction; Flickerless; Defogging  |
| Privacy Mask                   | 32 configurable regions   |
| Text Overlay                   | User defined text on video  |
| Image Orientation              | Image flip, image mirror  |
| Built-in Analytics             | Object Based Motion Detection, Tamper, Shock Detection, Digital Auto Tracking, Line Crossing, Enter Area, Missing Object, Unattended Object, Smoke Detection  |

#### • Audio

|             |  |
|-------------|--|
| Compression | 8 kHz, Mono, PCM, 16 bit encoding; G.711 |
| Audio-In    | Built-in Mic, Line-in; Terminal block    |
| Audio-Out   | Line-out; Terminal block                 |

#### • Network

|                    |   |
|--------------------|---|
| Protocol & Service | TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, IPv6, DNS, DDNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UPnP, SNMP, Bonjour        |
| Ethernet Port      | 1, Ethernet (10/100 Base-T), RJ-45 connector  |
| Security           | IP address filtering; HTTPS encryption; Password protected user levels; IEEE 802.1X network access control; Anonymous Login |

#### • Alarm

|                |  |
|----------------|--|
| Alarm Trigger  | Video motion detection (10 regions); External device through digital input; Sound detection  |
| Alarm Response | Notify control center; Go to ePTZ preset point or preset tour; Change camera settings; Command other devices; E-mail notification with snapshots; Save video or snapshot to local storage; Upload video or snapshot to FTP server; Activate external device through digital output |

#### • Interface

|                |  |
|----------------|--|
| Digital Input  | 1, Terminal block  |
| Digital Output | 1, Terminal block  |
| Local Storage  | MicroSDHC/MicroSDXC memory card slot (card not included) |

#### • General

|                            |   |
|----------------------------|---|
| Power Source / Consumption | PoE Class 3 (IEEE 802.3af) / 12.95 W  |
| Weight                     | 461 g (1.016 lb)  |
| Dimensions (Ø x H)         | 149 mm x 43 mm (5.9" x 1.7")  |
| Mount Type                 | Surface, Flush, Wall, Pendant, Pole, Corner, Gang box   |
| 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 (EN 55022 Class B, EN 55024), FCC (Part15 Subpart B Class B), UL (for optional PoE injector and power adapter) |

#### • Integration

|                         |   |
|-------------------------|---|
| Unified Solution        | Fully compatible with ACTi software   |
| ISV Integration         | Software Development Kit (SDK) available ; ONVIF compliant  |
| GPS Position            | Manual setting  |
| Firmware Access Browser | Microsoft Internet Explorer 8.0 or newer (full functionality)<br>Safari with QuickTime installed, and other browsers with VLC installed (partial functionality) |

\* All specifications are subject to change without notice.

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[www.acti.com](http://www.acti.com)

