

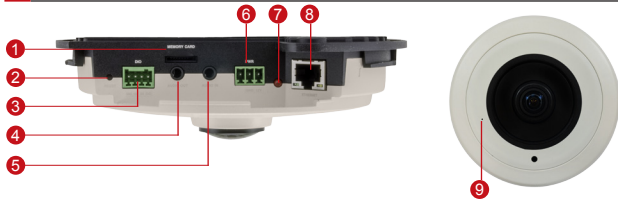
# B57A

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



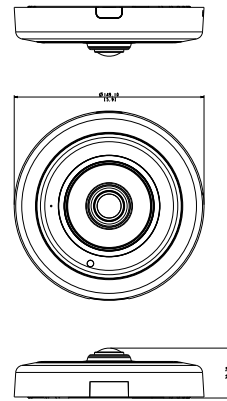
- 6 Megapixel with 1080p
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- Fisheye Lens with f1.65mm / F2.8
- Extreme WDR (130 dB)
- 30 fps at 2048 x 2048
- 180/360° Panorama View with Dewarped Streaming
- Built-in Analytics

## 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

### Popular Mounting Solutions

Surface	Accessories not required
Flush	PMAX-1011 
Wall	PMAX-0320 
Pendant	PMAX-0101 + PMAX-0102 
Pole	PMAX-0320 + PMAX-0503 
Corner	PMAX-0320 + 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****B57A****• 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 F2.8 (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 ~ 1/16,000 sec (manual mode); 1/5 ~ 1/16,000 sec (auto mode)
S/N Ratio	56 dB

**• Lens**

Focal Length / Aperture	Fixed (fisheye lens), f1.65mm / F2.8
Iris	Fixed iris
Focus	Fixed focus
Mount Type	Board mount
Horizontal Viewing Angle	Overview area: 198.5°; High detail area: 121.1°
Vertical Viewing Angle	Fisheye View: 198.5°

**• Video**

Compression	H.264 (Baseline / Main / High profile), MJPEG
View Mode	Fisheye view; Dewarped view: 180° Panorama (Wall Mount), 360° Panorama (Ceiling Mount) , ePTZ
Max. Frame Rate vs. Resolution	Fisheye View: 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 800 x 600; 30 fps at 640 x 480 Dewarped View: 30 fps at 1920 x 1080; 30 fps at 1920 x 480; 30 fps at 1280 x 720; 30 fps at 1280 x 320; 30 fps at 640 x 480; 30 fps at 640 x 160 ePTZ View: 30 fps at 1280 x 720; 30 fps at 640 x 480; 30 fps at 320 x 240
Multi-Streaming	Simultaneous triple streams based on three 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	8 configurable regions
Text Overlay	User defined text on video
Image Orientation	Image flip, image mirror
Built-in Analytics	Motion Detection, Tamper, Shock Detection; Line Crossing**; Enter Area**; Missing Object**; Unattended Object**; Smoke Detection**; Loitering**; Fire Detection**

**• Audio**

Compression	8 kHz, Mono, PCM, 16 bit encoding; G.711
Audio-In	Built-in Mic, Line-in; 3.5mm Phone Jack
Audio-Out	Line-out; 3.5mm Phone Jack

**• 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, 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; Intelligent event 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 to local storage; Upload video or snapshot to FTP server; Activate external device through digital output; Upload video to NVR server; Push notification to mobile device

**• 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	DC 12V / 6W; PoE Class 3 (IEEE 802.3af) / 7.5 W
Weight	446 g (0.98 lb)
Dimensions (Ø x H)	150 mm x 39 mm (5.9" x 1.5")
Mount Type	Surface, Flush, Wall, Pendant, Pole, Corner, Gang box
Starting / Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F) / -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; GB28181 Compliant**
GPS Position	Manual setting
Firmware Access Browser	Microsoft Internet Explorer 8.0 or newer (full functionality); Safari with QuickTime installed, and other browsers with VLC installed (partial functionality)
Auto Firmware Upgrade	Yes

\*\* Functionality will be available in future firmware update

\* All specifications are subject to change without notice.

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