

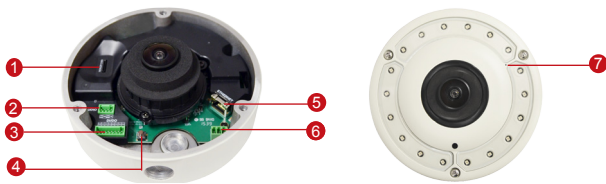
B74A

8MP Outdoor Hemispheric Dome with D/N, Adaptive IR, Extreme WDR, SLLS, Fixed Lens



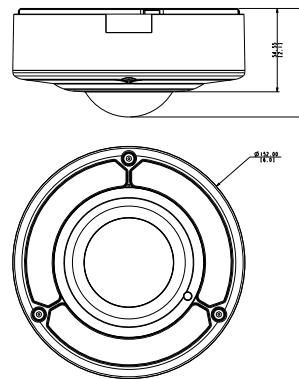
- 8 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- Fisheye Lens with f1.65mm / F2.8
- Extreme WDR
- 30 fps at 2048 x 2048
- 180/360° Panorama View with Dewarped Streaming
- Weatherproof (IP68) and Vandal Proof (IK10)
- Overview, Zoom and Tracking (OZT)
- Built-in Analytics

PHOTO INDICATION



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

DIMENSION DIAGRAM



ACCESSORY OPTIONS

Unit: mm [inch]

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	
Wall	PMAX-0314	
Pendant	PMAX-0101 PMAX-0102	
Pole	PMAX-0503 PMAX-0314	
Corner	PMAX-0402 PMAX-0314	
Gang Box	PMAX-0804	

* For more mounting solutions, please refer to Project Planner on www.acti.com

PRODUCT SPECIFICATION**B74A****• Device**

Device Type	Outdoor Hemispheric Dome
Image Sensor	Progressive Scan CMOS
Sensor Size	1/1.8"
Effective Pixels	3096(H) X 2080(V) (6.44 MP)
Horizontal Resolution	1850 TVL
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.1 lux at F2.8 (30 IRE, 2400°K); 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 - 1100 nm
IR LED	Adaptive IR LED x 18 (850 nm)
IR Working Distance	20 m (0 lux, 30 IRE, Gain 255, Auto 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	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	198.5°
Viewing Angle Adjustment	Rotate: -175°-175°

• Video

Compression	H.264 (Baseline / Main / High profile), MJPEG
View Mode	Fisheye view; Dewarped view: 180° / 360° Panorama, ePTZ
Max. Frame Rate vs. Resolution	Fisheye View: 18 fps at 4000 x 3000; 30 fps at 2048 x 2048; 30 fps at 1600 x 1200; 30 fps at 1024 x 1024; 30 fps at 1280 x 960; 30 fps at 800 x 600; 30 fps at 640 x 480 Dewarped View: 10 fps at 4096 x 2160; 10 fps at 3840 x 2160; 30 fps at 1920 x 1080; 30 fps at 1280 x 960; 30 fps at 1280 x 720; 30 fps at 800 x 600; 30 fps at 640 x 480 ePTZ View: 30 fps at 1920 x 1080; 30 fps at 1600 x 1200; 30 fps at 1280 x 960; 30 fps at 1280 x 720; 30 fps at 1024 x 1024; 30 fps at 800 x 600; 30 fps at 640 x 480; 30 fps at 320 x 240
Multi-Streaming	Simultaneous three streams based on three configurations
Bit Rate	128 Kbps - 12 Mbps (per stream)
Bit Rate Mode	Constant, Variable
Privacy Mask	8 configurable regions
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
Text Overlay	User defined text on video
Image Orientation	Image flip and mirror
Built-in Analytics	Tamper; Shock Detection; Digital Auto Tracking; Object Based Motion Detection; **Line Crossing; **Enter Area; **Missing Object; **Unattended Object; **Smoke Detection (**Some of the algorithms may not be available in the first release, can be upgraded for free later.)

• Audio

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

• 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 (cable in)
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, Push notification to mobile device, Save video to local storage, Upload video to NVR server, Upload video or snapshot to FTP server, Activate external device through digital output

• Interface

Digital Input	2, Terminal block
Digital Output	2, Terminal block
Local Storage	MicroSDHC/MicroSDXC memory card slot (card not included)

• General

Power Source / Consumption	PoE Class 3 IEEE802.3af / 7.3 W DC 12V (adapter not included)
Weight	1313 g (2.89 lb)
Dimensions (Ø x H)	152 mm x 71.00 mm (6.0" x 2.8")
Environmental Casing	Weatherproof (IP68); Vandal proof (IK10)
Mount Type	Surface, Wall, Pendant, Pole, Corner, Gang box
Starting Temperature	-40°C ~ 50°C (-40°F ~ 122°F)
Operating Temperature	-40°C ~ 50°C (-40°F ~ 122°F)
Operating Humidity	10% ~ 85% RH
Approvals	CE (EN 55022 Class B, EN 55024), FCC (Part15 Subpart B Class B), IP68, IK10 (metal casing), NEMA 4X, UL (for bundled 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 9.0 or newer (full functionality) Safari with QuickTime installed, and other browsers with VLC installed (partial functionality)

* All specifications are subject to change without notice.

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