

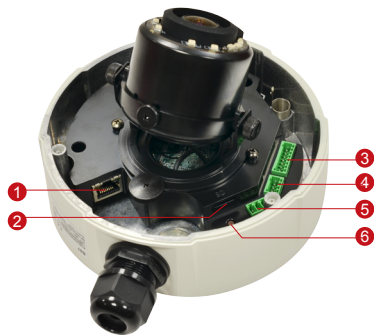
# B81

## 5MP Outdoor Zoom Dome with D/N, Adaptive IR, Basic WDR, 3x Zoom Lens



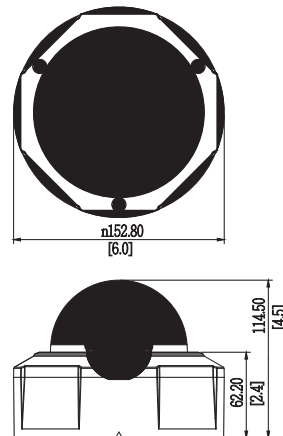
- 5 Megapixel with 1080p
- Day & Night with Adaptive IR LED
- 3x Zoom Lens with 3-9mm / F1.2-2.1, DC Iris, Auto Focus
- Basic WDR (74 dB)
- 30 fps at 1920 x 1080
- Weatherproof (IP67) and Vandal Proof (IK10)

### PHOTO INDICATION



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

### DIMENSION DIAGRAM



Unit: mm [inch]

### ACCESSORY OPTIONS

Dome Cover		
PDCX-1109		Smoked dome cover for B6X/B8X/B9X, vandal proof (IK10)
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
Wall	PMAX-0308
Pendant	PMAX-0101 + PMAX-0103
Corner	PMAX-0101 + PMAX-0305 + PMAX-0402
Pole	PMAX-0101 + PMAX-0305 + PMAX-0503
Flush	PMAX-1013
Gang Box	PMAX-0804

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

**PRODUCT SPECIFICATION****B81****• Device**

Device Type	Outdoor Zoom Dome Camera
Image Sensor	Progressive Scan CMOS
Sensor Size	1/3.2"
Effective Pixels	2592 (H) x 1944 (V) (5.04 MP)
Day / Night	Yes
Superior Low Light Sensitivity	No
Minimum Illumination	Color: 0.1 lux at F1.2 (30 IRE, 2400°K); B/W: 0 lux (IR LED on)
Mechanical IR Cut Filter	Yes
IR Sensitivity Range	700 - 1100nm
IR LED	Adaptive IR LED (Object & Zoom Adaptive IR) x 10 (850nm)
IR Working Distance	40 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)
TV Lines	1500
S/N Ratio	52 dB

**• Lens**

Focal Length / Aperture	Zoom, f3 - 9 mm / F1.2 - 2.1
Zoom Ratio	3x optical
Iris	DC iris
Focus	Auto focus
Lens Mount	Board mount
Horizontal Viewing Angle	85.7° ~ 30.5°
Viewing Angle Adjustment	Pan: 0° - 350°; Tilt: 5° - 170°; Rotate: 0- 350°

**• Video**

Compression	H.264 HP, MJPEG
Max. Frame Rate vs. Resolution	15 fps at 2592 x 1944; 15 fps at 2048 x 1536; 30 fps at 1920 x 1080; 30 fps at 1280 x 720; 30 fps at 640 x 480
Multi-Streaming	Simultaneous dual streams based on two configurations
Bit Rate	28 Kbps - 6 Mbps (per stream)
Bit Rate Mode	Constant, Variable
Image Enhancement	Basic WDR (74 dB); White balance: automatic, hold, and manual; Brightness; Contrast; Sharpness(auto); Auto gain control; Digital noise reduction; Flickerless
Text Overlay	User defined text on video
Image Orientation	Image flip and mirror

**• Audio**

Compression	8kHz, Mono, PCM, 16 bit encoding, G.711
Audio-In	Terminal block
Audio-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; Anonymous login; IEEE802.1X network access control

**• Alarm**

Alarm Trigger	Video motion detection (3 regions); External device through digital input
Alarm Response	Notify control Center; Change camera settings; Command other devices; E-mail notification with snapshots; Save video or snapshot to local storage; Upload video, 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 / 9.24 W (built-in heater and IR on) DC 12V (adapter not included) / 8.4 W (built-in heater and IR on)
Weight	1256 g (2.77 lb)
Dimensions (Ø x H)	152 mm x 114.5 mm (6.0" x 4.5" )
Environmental Casing	Weatherproof (IP67 rated); Vandal proof (IK10); Transparent dome cover
Mount Type	Surface, Pendant, Wall, Corner, Pole, Flush, Gang box
Starting Temperature	-40°C ~ 50°C (-40°F ~ 122°F) within 30 minutes
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); IP67, IK10, NEMA 4X

**• Integration**

Unified Solution	Fully compatible with ACTi software
ISV Integration	Software Development Kit (SDK) available ; ONVIF compliant
Firmware Access Browser	Microsoft Internet Explorer 8.0 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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