

B63

2MP Video Analytics Indoor Zoom Dome with D/N, Adaptive IR, Extreme WDR, SLLS, 3x Zoom Lens



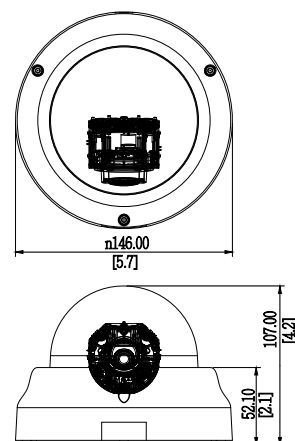
- 2 Megapixel with 1080p
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- 3x Zoom Lens with f3-9mm / F1.3-2.2, DC Iris, Auto Focus
- Extreme WDR (145 dB)
- 60 fps at 1920 x 1080
- Vandal Resistant (IK09)
- Built-in Analytics

PHOTO INDICATION



- | | |
|-------------------------|------------------------|
| 1 Ethernet Port | 4 Audio Input / Output |
| 2 Memory Card Slot | 5 DC 12V Power Input |
| 3 Digital Input/ Output | 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
PPBX-0002		AC 100-240V to DC 12V power adapter with universal connector

Popular Mounting Solutions	
Surface	Accessories not required
Wall	PMAX-0313
Pendant	PMAX-0101 + PMAX-0103
Corner	PMAX-0313 + PMAX-0402
Pole	PMAX-0313 + PMAX-0503
Flush	PMAX-1012
Gang Box	PMAX-0804

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

PRODUCT SPECIFICATION

B63

• Device

Device Type	Indoor Zoom Dome Camera
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.8"
Effective Pixels	1944 (H) x 1224 (V) (2.38 MP)
Horizontal Resolution	1450 TVL
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.1 lux at F1.3 (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 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)
S/N Ratio	56 dB

• Lens

Focal Length / Aperture	Zoom, f3 - 9mm / F1.3 - 2.2
Zoom Ratio / Speed	3x optical / 1 sec (wide to tele)
Zoom Application	Camera Installation; Auto Zoom by Event; Manual Operation
Iris	DC iris
Focus	Auto focus
Lens Mount	Board mount
Horizontal Viewing Angle	113.7°~38°
Viewing Angle Adjustment	Pan: -175° ~ 175°; Tilt: 5° ~ 175°; Rotate: -175 ~ 175°

• Video

Compression	H.264 (Baseline / Main / High profile), MJPEG
Max. Frame Rate vs. Resolution	60 fps at 1920 x 1080; 60 fps at 1280 x 720; 30 fps at 640 x 480; 30 fps at 320 x 240
Multi-Streaming	Simultaneous triple streams based on video configurations
Bit Rate	128 Kbps - 12 Mbps (per stream)
Bit Rate Mode	Constant, Variable
Privacy Mask	20 configurable regions
Image Enhancement	Extreme WDR (145 dB); White balance: automatic, hold and manual; Brightness; Contrast; Sharpness (auto); Auto gain control; 2D + 3D Digital noise reduction; Flickerless; **Defogging
Text Overlay	User defined text on video
Image Orientation	Rotation
Built-in Analytics	Motion Detection, Tamper, Digital Image Stabilizer, **Line Crossing, **Appear in Area, **Missing Object, **Unattended Object

• 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; Sound detection
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 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 memory card slot (card not included)

• General

Power Source / Consumption	PoE Class 3 IEEE802.3af / 12.95 W; DC 12V (adapter not included) / 11 W
Weight	709 g (1.56 lb)
Dimensions (Ø x H)	146 mm x 107 mm (5.7" x 4.2")
Environmental Casing	Vandal resistant (IK09), Transparent dome cover
Mount Type	Surface, Pendant, Wall, Corner, Pole, Flush, Gang box
Starting Temperature	-10 °C ~ 50 °C (14 °F ~ 122 °F)
Operating Temperature	-20 °C ~ 50 °C (-4 °F ~ 122 °F)
Operating Humidity	10% ~ 85% RH
Approvals	CE (EN 55022 Class B, EN 55024), FCC (Part15 Subpart B Class B), IK09, 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) Safari with QuickTime installed, and other browsers with VLC installed (partial functionality)

** Functionalities will be available in a future firmware update

* All specifications are subject to change without notice.
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