

# B63

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



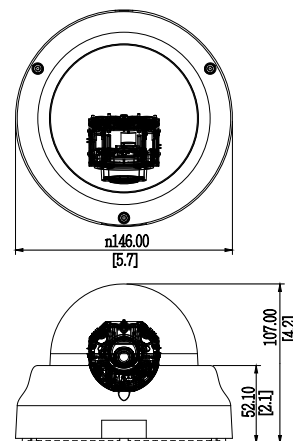
- 2 Megapixel with 1080p
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- 3x Zoom Lens with f3-9mm / F1.3-2.2, DC Iris, Auto Focus
- Extreme WDR (145 dB)
- 60 fps at 1920 x 1080
- Vandal Resistant (IK09)
- Built-in Analytics

## PHOTO INDICATION



- 1 Ethernet Port
- 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 |
| 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<br>PMAX-0103   |  |
| Corner                     | PMAX-0313<br>PMAX-0402   |  |
| Pole                       | PMAX-0313<br>PMAX-0503   |  |
| Flush                      | PMAX-1012                |  |
| Gang Box                   | PMAX-0804                |  |

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