

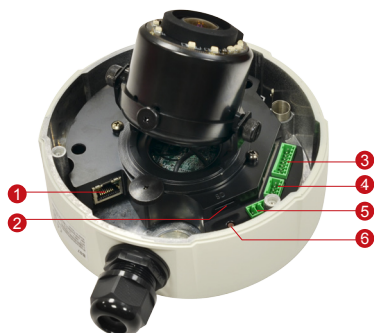
# B85

## 2MP Outdoor Zoom Dome with D/N, Adaptive IR, Basic WDR, SLLS, 3x Zoom Lens



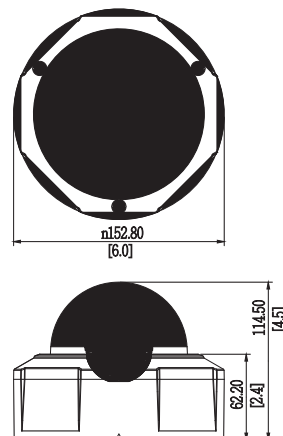
- 2 Megapixel with 1080p
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- 3x Zoom Lens with 3-9mm / F1.2-2.1, DC Iris, Auto Focus
- Basic WDR (75 dB)
- 30 fps at 1920 x 1080
- Weatherproof (IP66) and Vandal Proof (IK10)

### 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 |

| 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****B85****• Device**

|                                |                                                                 |
|--------------------------------|-----------------------------------------------------------------|
| Device Type                    | Outdoor Zoom Dome Camera                                        |
| Image Sensor                   | Progressive Scan CMOS                                           |
| Sensor Size                    | 1/2.8"                                                          |
| Day / Night                    | Yes                                                             |
| Superior Low Light Sensitivity | Yes                                                             |
| 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) |

**• 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 | 103.6°~36.2°                                     |
| Viewing Angle Adjustment | Pan: 0° - 350°; Tilt: 5° - 170°; Rotate: 0- 350° |

**• Video**

|                                |                                                                                                                                                               |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Compression                    | H.264 HP, MJPEG                                                                                                                                               |
| Max. Frame Rate vs. Resolution | 30 fps at 1920 x 1080; 30 fps at 1280 x 720; 30 fps at 640 x 480; 15 fps at 320 x 240                                                                         |
| 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 (75 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 / 8.28 W (built-in heater and IR on)<br>DC 12V (adapter not included) / 7.56 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 (IP66 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); IP66, 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)<br>Safari with QuickTime installed, and other browsers with VLC installed (partial functionality) |

\* All specifications are subject to change without notice.

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