

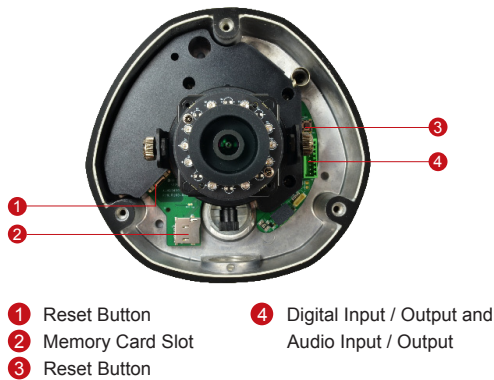
E83A

5MP Outdoor Dome with D/N, Adaptive IR, Basic WDR, Vari-focal Lens

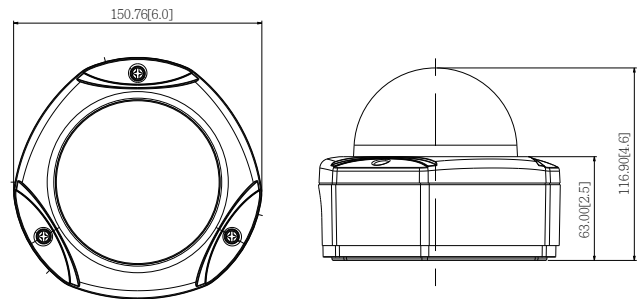


- 5 Megapixel with 1080p
- Day and night with Adaptive IR LED
- Vari-focal Lens with f2.8~12mm / F1.4
- Basic WDR (74 dB)
- 30 fps at 1920 x 1080
- Weatherproof (IP67) and Vandal Proof (IK10)

PHOTO INDICATION



DIMENSION DIAGRAM



Unit: mm [inch]

ACCESSORY OPTIONS

| Power Supply | | |
|--------------|--|---|
| PPOE-0001 | | IEEE 802.3af PoE Injector for Class 1, 2 or 3 devices, with universal adapter |

| Dome Cover | | |
|------------|--|---------------------------------|
| PDCX-1101 | | 4-inch, smoke, non-vandal proof |

| Popular Mounting Solutions | | |
|----------------------------|--------------------------|--|
| Surface | Accessories not required | |
| Wall | PMAX-0314 | |
| Pendant | PMAX-0101 PMAX-0103 | |
| Corner | PMAX-0314 PMAX-0402 | |
| Pole | PMAX-0314 PMAX-0503 | |
| Flush | PMAX-1006 | |
| Gang Box | PMAX-0805 | |

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

PRODUCT SPECIFICATION**E83A****• Device**

| | |
|--------------------------|---|
| Device Type | Outdoor Dome Camera |
| Image Sensor | Progressive Scan CMOS |
| Sensor Size | 1/3.2" |
| Effective Pixels | 2592(H) X 1944(V) (5.04 MP) |
| Horizontal Resolution | 1350 TVL |
| Day / Night | Yes |
| Low Light Sensitivity | Standard |
| Minimum Illumination | Color: 0.1 lux at F1.4 (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 | 700~1100nm |
| IR LED | Adaptive IR LED x 15 (850nm) |
| IR Working Distance | 30 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 | 52 dB |

• Lens

| | |
|--------------------------|---|
| Focal Length / Aperture | Vari-focal, f2.8 - 12 mm / F1.4 |
| Iris | Fixed iris |
| Focus | Manual focus |
| Mount Type | Board mount |
| Horizontal Viewing Angle | 69.2° - 28.2° |
| Viewing Angle Adjustment | Pan: 0°~350°; Tilt: 17°~163°; Rotate: 0°~350° |

• Video

| | |
|--------------------------------|--|
| Compression | H.264 (Baseline/ Main/ High profile), 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 800 x 600; 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 (74 dB); White balance: automatic, hold, and manual; Brightness; Contrast; Sharpness (auto); Auto gain control; Digital noise reduction; Flickerless |
| Privacy Mask | 4 configurable regions |
| 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, IPv4, 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; IEEE 802.1X 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, snapshot to FTP; Activate external device through digital output |

• Interface

| | |
|----------------|--|
| Digital Input | 1, Terminal block |
| Digital Output | 1, Terminal block |
| Local Storage | MicroSDHC/MicroSDXC memory card slot (card not included) |

• General

| | |
|----------------------------|--|
| Power Source / Consumption | PoE Class 2 (IEEE802.3af) / 6.49 W (IR on) |
| Weight | 1032 g (2.275 lb) |
| Dimensions (Ø x H) | 150mm x 116mm (5.9" x 4.6") |
| Environmental Casing | Weatherproof (IP67 rated); Vandal proof (IK10 rated); Transparent dome cover |
| Mount Type | Surface, Pendant, Wall, Corner, Pole, Flush, Gang box |
| Starting Temperature | -20°C ~ 50°C (-4°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), IK10, IP67, NEMA 4X, UL (for optional PoE injector) |

• 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) |
| Auto Firmware Upgrade | Yes |
| GPS Position | Manual Setting |

* All specifications are subject to change without notice.

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