# E83

## 5MP Outdoor Dome with D/N, IR, Basic WDR, Vari-focal lens

- Progressive Scan CMOS
- Day and night function with mechanical IR cut filter
- Minimum illumination 0 lux with IR LED on
- Built-in f3.3~12mm / F1.6 Megapixel vari-focal lens
- 15 fps at 2592 x 1944 resolution
- Selectable H.264 HP, MJPEG compressions with dual streaming
- Video Motion Detection
- Basic WDR
- Vandal proof IK10 rated and weatherproof IP66 rated casing
- Powered by PoE Class 2

## ACCESSORY OPTIONS

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

| Popular Mounting Solutions | |
|---|---|
| Surface | Accessories not required |
| Wall | PMAX-0308 |
| Pendant | PMAX-0101 PMAX-0103 |
| Corner | PMAX-0101 PMAX-0303 PMAX-0402 |
| Pole | PMAX-0101 PMAX-0303 PMAX-0502 |
| Flush | PMAX-1003 |

* For more mounting solutions, please refer to Mounting Accessory section of Buyer's Guide or Project Planner on www.acti.com

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IP VIDEO SOLUTION PRODUCT

Hemispheric

Dome

Bullet

Box

Cube

PTZ

Speed Dome

Video Encoder

Video Decoder

Dome Camera

# E83

## PRODUCT SPECIFICATION

| E83 | |
|---|---|
| **• Device** | |
| Device Type | Fixed Dome Camera |
| Image Sensor | Progressive Scan CMOS |
| Day / Night | Yes |
| Minimum Illumination | Color: 0.1 lux at F1.6 (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 | IR LED x 16 (850nm) |
| IR Working Distance | 15 m (0 lux, 30 IRE, Max exposure gain) |
| Electronic Shutter | 1/5 - 1/2,000 sec (Manual / Auto mode) |
| **• Lens** | |
| Focal Length / Aperture | Vari-focal, f3.3 - 12 mm / F1.6 |
| Iris | Fixed iris |
| Focus | Manual focus |
| Mount Type | Board Mount |
| Horizontal Viewing Angle | 77° - 22° |
| Viewing Angle Adjustment | Pan: 0° - 360°; Tilt: 0° - 180°; Rotate: 0° - 360° |
| **• Video** | |
| Compression | H.264 HP, MJPEG |
| Maximum Frame Rate vs. Resolution | 15 fps at 2592 x 1944; 15 fps at 2048 x 1536; 30 fps at 1920 x 1080 (Full HD 1080p); 30 fps at 1280 x 720 (HD 720p); 30 fps at 640 x 480 (VGA) |
| Multi-Streaming | Simultaneous dual steams based on two configurations |
| Bit Rate | 28 Kbps - 6 Mbps (per stream) |
| Bit Rate Mode | Constant, Variable |
| Image Enhancement | Basic WDR; White Balance: automatic, hold and manual; Brightness; Contrast; Auto gain control; Digital noise reduction; Flickerless |
| Privacy Mask | 4 configurable regions |
| Text Overlay | User defined text on video |
| On-Screen Graphics | User defined image layer on video |
| Image Orientation | Image flip and mirror |
| **• 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; IEEE802.1X network access control |
| **• Alarm** | |
| Alarm Trigger | Video motion detection (3 regions) |
| Alarm Response | Notify control center; Change camera settings; Command other devices; E-mail notification with snapshots; Upload video, snapshot to FTP server |
| **• General** | |
| Power Source / Consumption | PoE Class 2 (IEEE802.3af) / 6.49 W (IR on) |
| Weight | 1100g (2.43 lb) |
| Dimensions (Ø x H) | 151.69 mm x 114.9 mm (6.0" x 4.5") |
| Environmental Casing | Weatherproof (IP66 rated); Transparent vandal proof dome cover (IK10 rated) |
| Mount Type | Surface, Pendant, Wall, Corner, Pole, Flush |
| Operating Temperature | -20°C ~ 50°C (-4°F ~ 122°F) |
| Operating Humidity | 10% ~ 85% RH |
| Approvals | CE, FCC, IK10, IP66 |
| **• Integration** | |
| Unified Solution | Fully compatible with ACTi software |
| ISV Integration | Software Development Kit (SDK) available; ONVIF compliant |
| Firmware Access Browser | Microsoft Internet Explorer 6.0 or newer (full functionality); Other browsers with VLC installed (partial functionality) |

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