

# E81

## 1MP 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
- 30 fps at 1280 x 720 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](http://www.acti.com)

## PRODUCT SPECIFICATION

### E81

#### • 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	30 fps at 1280 x 720 (HD 720p); 30 fps at 640 x 480 (VGA)
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; 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) / 4.26 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)