

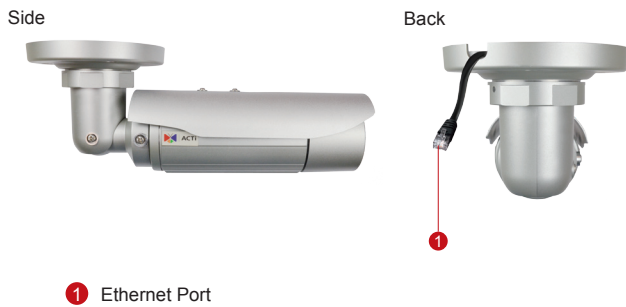
# E45

1MP Bullet with D/N, IR,  
Superior WDR, Vari-focal lens

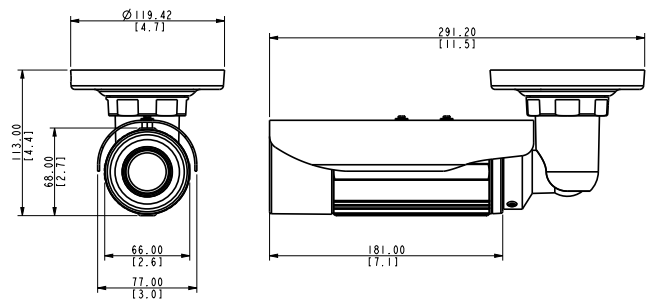


- Progressive Scan CMOS
- Day and night function with mechanical IR cut filter
- Minimum illumination 0 lux with IR LED on
- Built-in f2.8~12mm / F1.4 Megapixel vari-focal lens
- 30 fps at 1280 x 720 resolution
- Selectable H.264 HP, MJPEG compressions with dual streaming
- Video Motion Detection
- Superior WDR
- Weatherproof IP66 rated casing
- Powered by PoE Class 2

## PHOTO INDICATION



## DIMENSION DIAGRAM



Unit: mm [inch]

## PRODUCT SPECIFICATION

### E45

#### • Device

Device Type	Bullet Camera
Image Sensor	Progressive Scan CMOS
Sensor Size	1/3"
Day / Night	Yes
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	IR LED x 15 (850 nm)
IR Working Distance	15 m (0 lux, 30 IRE, Max exposure gain)
Electronic Shutter	1/5 ~ 1/2,000 sec (manual mode); 1/5 ~ 1/10,000 sec (auto mode)

#### • 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	60.1°~24.3°

#### • Video

Compression	H.264 HP, MJPEG
Maximum Frame Rate vs. Resolution	30 fps at 1280 x 720; 30 fps at 640 x 480
Multi-Streaming	Simultaneous dual streams based on two configurations
Bit Rate	28 Kbps - 6 Mbps (per stream)
Bit Rate Mode	Constant, Variable
Image Enhancement	Superior WDR; 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

#### • 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; IEEE 802.1X 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) / 4.8 W (IR on)
Weight	651g (1.44 lb)
Dimensions (Ø x L)	66 mm x 291 mm (2.6" x 11.5")
Bundled Accessories	Weatherproof Connector Kit
Environmental Casing	Weatherproof (IP66 rated)
Mount Type	Wall, Ceiling
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), IP66

#### • 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); Other browsers with VLC installed (partial functionality)