

# E48

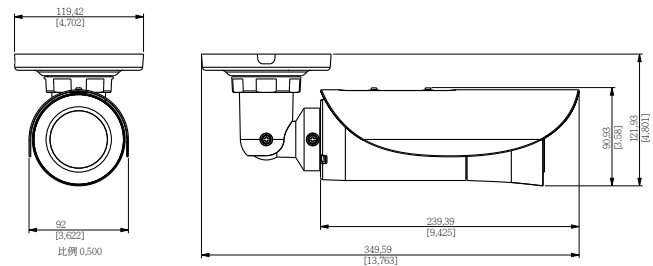
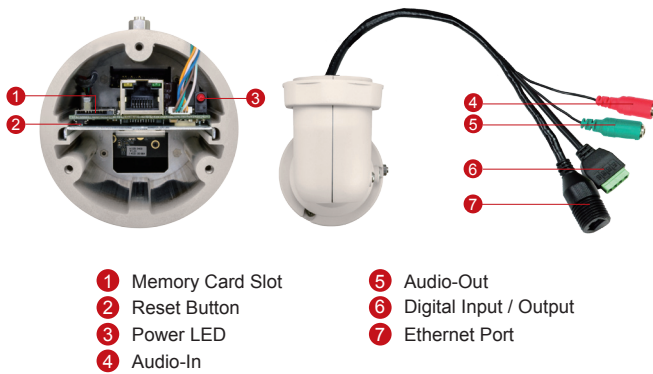
## 10MP Bullet with D/N, Adaptive IR, Basic WDR, Vari-focal Lens



- 10 Megapixel with 4K/1080p
- Day & Night with Adaptive IR LED
- Vari-focal Lens with f3.1 - 13.3mm / F1.4 - 4.0
- Basic WDR (70 dB)
- 30 fps at 1920 x 1080
- Super Wide Angle
- Weatherproof (IP67) and Vandal Proof Metal Casing (IK10)

### DIMENSION DIAGRAM

### ACCESSORY OPTIONS



Unit: mm [inch]

### ACCESSORY OPTIONS

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

Popular Mounting Solutions	
Surface	Integrated bracket
Pole	PMAX-0504
Gang Box	PMAX-0806

\* For more mounting solutions, please refer to Project Planner on [www.acti.com](http://www.acti.com)

## PRODUCT SPECIFICATION

### E48

#### • Device

Device Type	Bullet Camera
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.3"
Effective Pixels	3856 (H) x 2764 (V) (10.66 MP)
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 (IR Exposure Compensation) x 10 (850 nm)
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)
TV Lines	1450
S/N Ratio	52 dB

#### • Lens

Focal Length / Aperture	Vari-focal, f3.1 - 13.3mm / F1.4 - 4.0
Iris	Fixed iris
Focus	Manual focus
Mount Type	Board mount
Horizontal Viewing Angle	100.5° ~ 25.8°

#### • Video

Compression	H.264 (Baseline / Main / High profile), MJPEG
Max.Frame Rate vs. Resolution	7 fps at 3648 x 2736; 7 fps at 3648 x 2160; 7 fps at 2592 x 1944; 7 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 (70 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	8 kHz, Mono, PCM, 16 bit encoding; G.711
Audio-In	Cable with 3.5mm phone jack
Audio-Out	Cable with 3.5mm phone jack

#### • 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 or snapshot to FTP server; Activate external device through digital output

#### • Interface

Digital input	1, Cable without connector
Digital Output	1, Cable without connector
Local Storage	MicroSDHC/MicroSDXC memory card slot (card not included)

#### • General

Power Source / Consumption	PoE Class 3 (IEEE802.3af) / 5.76 W
Weight	1.35 kg (2.985 lb)
Dimensions (L x W x H)	349 mm x 92 mm x 122 mm (13.7" x 3.6" x 4.8")
Bundled Accessories	Integrated bracket
Environmental Casing	Weatherproof (IP67 rated); Vandal proof metal casing (IK10)
Mount Type	Wall, Ceiling, Pole, 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), IP67, NEMA 4X, IK10 (metal casing), UL (for optional PoE injector)

#### • Integration

Unified Solution	Fully compatible with ACTi software
ISV Integration	Software Development Kit (SDK) available; ONVIF compliant
GPS Position	Manual setting
Firmware Access Browser	Microsoft Internet Explorer 8.0 or newer (full functionality) Safari with QuickTime installed, and other browsers with VLC installed (partial functionality)

\* All specifications are subject to change without notice.

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[www.acti.com](http://www.acti.com)

