

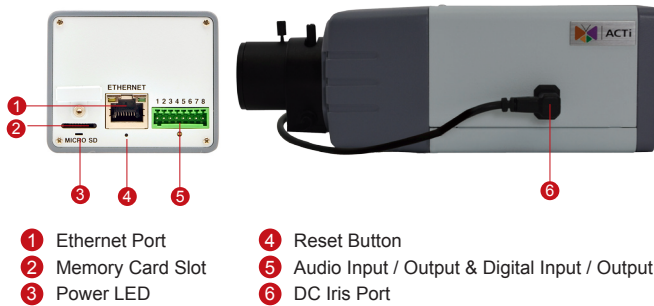
# E24A

3MP Box with D/N,  
Superior WDR, Vari-focal Lens



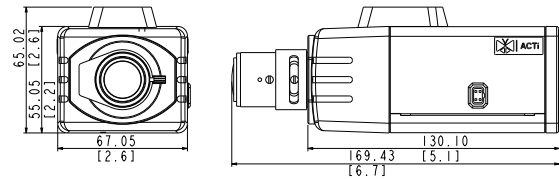
- 3 Megapixel with 1080p
- Day & Night
- Vari-focal Lens with f2.8 - 12mm / F1.4, DC Iris
- Superior WDR (110 dB)
- 30 fps at 1920 x 1080

## PHOTO INDICATION



- 1 Ethernet Port
- 2 Memory Card Slot
- 3 Power LED
- 4 Reset Button
- 5 Audio Input / Output & Digital Input / Output
- 6 DC Iris Port

## DIMENSION DIAGRAM



Unit: mm [inch]

## ACCESSORY OPTIONS

Outdoor Housing & Bracket		
PMAX-0200		IP66, with heater and fan powered by 110V AC, -30°C ~ 50°C (-22°F ~ 122°F), requires housing bracket
PMAX-0201		IP66, with heater and fan powered by 220V AC, -30°C ~ 50°C (-22°F ~ 122°F), requires housing bracket
PMAX-0202		IP66, -10°C ~ 50°C (14°F ~ 122°F), requires housing bracket
PMAX-1106		Aluminum, max. load 10 kg (22.05 lb), tilt angle 90° (For PMAX-0200, PMAX-0201, PMAX-0202)

Camera Bracket		
PMAX-1104		Ceiling bracket for indoor box or bullet cameras, gray

Lens		
PLEN-0205		IR Compatible, DC Iris, F1.6, f8-80mm, 28.9° - 3.3°

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

Popular Mounting Solutions		
Corner	PMAX-0202 PMAX-1106 PMAX-0402	
Pole	PMAX-0202 PMAX-1106 PMAX-0503	

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

## PRODUCT SPECIFICATION

### E24A

#### • Device

Device Type	Box Camera
Image Sensor	Progressive Scan CMOS
Sensor Size	1/3"
Effective Pixels	2048 (H) x 1536 (V) (3.15 MP)
Day / Night	Yes
Low Light Sensitivity	Standard
Minimum Illumination	Color: 0.1 lux at F1.4 (30 IRE, 2400°K); B/W: 0.05 lux at F1.4 (30 IRE, 2400°K)
Color to B/W Switch	ISP based switch; Configurable
Mechanical IR Cut Filter	Yes
IR Sensitivity Range	700 - 1100 nm
IR LED	No
Electronic Shutter	1/5 ~ 1/2,000 sec (manual mode); 1/5 ~ 1/10,000 sec (auto mode)
Horizontal Resolution	1100 TVL
S/N Ratio	52 dB

#### • Lens

Focal Length / Aperture	Vari-focal, f2.8 - 12mm / F1.4
Iris	DC iris
Focus	Manual focus
Lens Mount	CS mount (interchangeable lens)
Horizontal Viewing Angle	78.1° - 26.8°

#### • Video

Compression	H.264 (Baseline / Main / High profile), MJPEG
Max. Frame Rate vs. Resolution	20 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	Superior WDR (110 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; IEEE802.1X 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

DC Iris Connector	External connector for DC iris lens
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) / 4.32W
Weight	453 g (1.00 lb)
Dimensions (W x H x D)	67 mm x 65 mm x 170 mm (2.6" x 2.6" x 6.7")
Environmental Casing	Optional housing (IP 66 rated)
Mount Type	Wall, Ceiling, Corner, Pole
Starting Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating Humidity	10% ~ 85% RH
Approvals	CE (EN 55022 Class B, EN 55024), FCC (Part15 Subpart B Class B), 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)