

E21FA

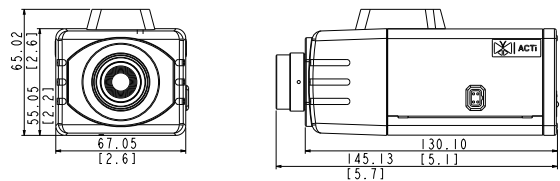
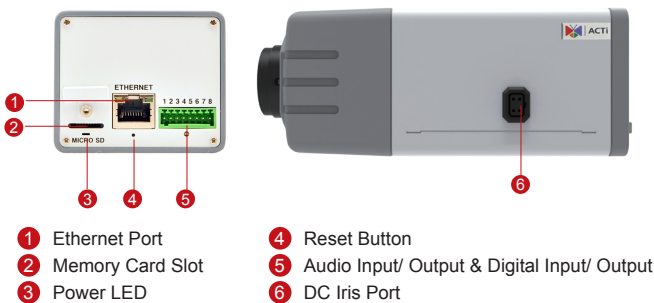
1MP Box with D/N, Basic WDR, Fixed Lens



- 1 Megapixel with 720p
- Day & Night
- Fixed Lens with f4.2mm / F1.8
- Basic WDR (74 dB)
- 30 fps at 1280 x 720

PHOTO INDICATION

DIMENSION DIAGRAM



Unit: mm [inch]

ACCESSORY OPTIONS

Lens		
PLEN-0119		IR Compatible, Fixed Iris, F2.0, 2.8mm, 79.5°
PLEN-0130		IR Compatible, Fixed Iris, F2.0, 2.93mm, 70.3°
PLEN-0127		IR Compatible, DC Iris, F1.4, 2.8-12mm, 64.2° - 24.7°
PLEN-0205		IR Compatible, DC Iris, F1.6, 8-80mm, 28.9° - 3.3°

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-1101		Aluminum, max. load 10 kg (22.05 lb), tilt angle 90° (For PMAX-0200, PMAX-0201, PMAX-0202)

Popular Mounting Solutions		
Corner	PMAX-0202 PMAX-1101 PMAX-0402	
Pole	PMAX-0202 PMAX-1101 PMAX-0503	

Camera Bracket		
PMAX-1100		Ceiling bracket for indoor box or bullet cameras, ivory
PMAX-1104		Ceiling bracket for indoor box or bullet cameras, gray

* For more mounting solutions, please refer to Project Planner on www.acti.com

PRODUCT SPECIFICATION**E21FA****• Device**

Device Type	Box Camera
Image Sensor	Progressive Scan CMOS
Sensor Size	1/4"
Day / Night	Yes
Superior Low Light Sensitivity	No
Minimum Illumination	Color: 0.1 lux at F1.8 (30 IRE, 2400°K); B/W: 0.05 lux at F1.8 (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)

• Lens

Focal Length / Aperture	Fixed focal, f4.2 mm / F1.8
Iris	Fixed iris
Focus	Manual focus
Lens Mount	CS mount (interchangeable lens)
Horizontal Viewing Angle	53.8°

• Video

Compression	H.264 HP, MJPEG
Max. Frame Rate vs. Resolution	30 fps at 1280 x 720; 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 (74 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, 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
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, 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) / 3.36 W
Weight	426 g (0.94lb)
Dimensions (W x H x D)	67mm x 65mm x 145mm (2.6" x 2.6" x 5.7")
Environmental Casing	Optional housing (IP66 rated)
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)

• 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); Safari with QuickTime installed, and other browsers with QuickTime installed (partial functionality)

* All specifications are subject to change without notice.

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