

# D21FA

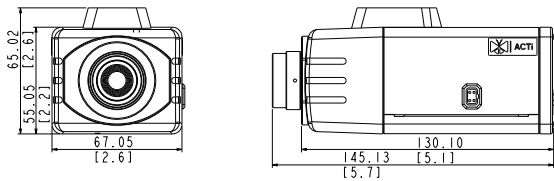
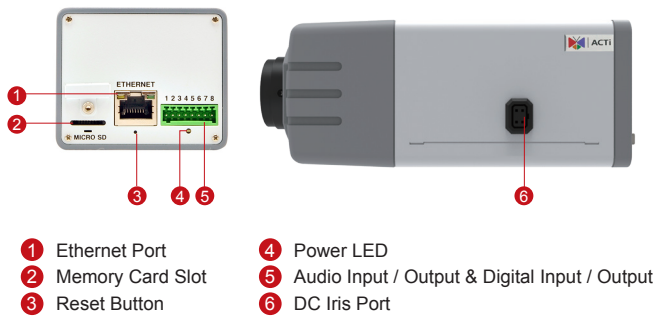
1MP Box with D/N, Fixed Lens



- 1 Megapixel with 720p
- Day & Night
- Fixed Lens with f4.2mm / F1.8
- 30 fps at 1280 x 720

## PHOTO INDICATION

## 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-0119		IR Compatible, Fixed Iris, F2.0, f2.8mm, 79.5°
PLEN-0130		IR Compatible, Fixed Iris, F2.0, f2.93mm, 70.3°
PLEN-0127		IR Compatible, DC Iris, F1.4, f2.8-12mm, 62° - 24.8°
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****D21FA****• Device**

Device Type	Box Camera
Image Sensor	Progressive Scan CMOS
Sensor Size	1/4"
Effective Pixels	1280 (H) x 800 (V) (1.02 MP)
Horizontal Resolution	700 TVL
Day / Night	Yes
Low Light Sensitivity	Standard
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)
S/N Ratio	52 dB

**• Lens**

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

**• Video**

Compression	H.264 (Baseline / Main / High profile), MJPEG
Max. Frame Rate vs. Resolution	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	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; 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, 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) / 3.36W
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), 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)