

A21

3MP Box with D/N, Extreme WDR, SLLS, Fixed Lens



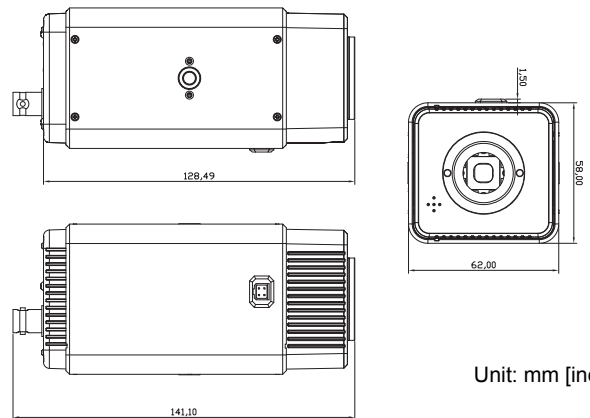
- 3 Megapixel
- Day & Night with Superior Low Light Sensitivity
- Vari-focal Lens with f2.8mm/F1.8
- Extreme WDR
- H.265 Compression
- 30 fps at 2048 x 1536
- Super wide angle

PHOTO INDICATION



- 1 Input and Output connector
 - DC 12V Power Input
 - Audio Input / Output
 - Digital Input / output
 - Series Port
- 2 Ethernet Port
- 3 Analog Video Out
- 4 Memory Card Slot
- 5 Reset Button

DIMENSION DIAGRAM



ACCESSORY OPTIONS

Power Supply

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

Camera Bracket

PMAX-1104		Ceiling bracket for indoor box or bullet cameras, gray
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Popular Mounting Solutions

Wall	PMAX-0200 PMAX-1106	
Pole	PMAX-0200 PMAX-1106 PMAX-0503	

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

PRODUCT SPECIFICATION

A21

• Device

Device Type	Box Camera
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.8"
Effective Pixels	2065(H) X 1553(V) (3.21 MP)
Horizontal Resolution	1300 TVL
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.05 lux at F1.8; B/W 0.005 lux at F1.8 (AGC on)
Color to B/W Switch	ISP based switch; Configurable
Mechanical IR Cut Filter	Yes
IR Sensitivity Range	700 - 1150 nm
IR LED	No
Electronic Shutter	1/5 ~ 1/16,000 sec (manual mode); 1/5 ~ 1/16,000 sec (auto mode)
S/N Ratio	56 dB

• Lens

Focal Length / Aperture	Vari-focal, f2.88 / F1.8
Iris	Fixed Iris
Focus	Fixed focus
Lens Mount	CS mount (interchangeable lens)
Horizontal Viewing Angle	102.2°
Vertical Viewing Angle	76.1°

• Video

Compression	H.265, H.264 (Baseline / Main / High profile), MJPEG
Max. Frame Rate vs. Resolution	30 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; 30 fps at 320 x 240
Multi-Streaming	Simultaneous dual streams based on two configurations
Bit Rate	28 Kbps -12 Mbps (per stream)
Bit Rate Mode	Constant, Variable
Image Enhancement	Extreme WDR (100 dB); White balance: automatic, hold and manual; Brightness; Defogging; Contrast; Sharpness (auto); Auto gain control; 2D+3D digital noise reduction; Flickerless; Digital Image Stabilizer
Privacy Masks	4 configurable regions
Text Overlay	User defined text on video
Built-in Analytics	Tamper
Image Orientation	Image flip and mirror, Rotation

• Audio

Compression	8kHz, Mono; G. 711
Audio-In	Mic-in, Line-in, Built-in Microphone; Terminal block
Audio-Out	Line-out, Terminal block

• Network

Protocol & Service	IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP
Ethernet Port	1, Ethernet (10/100 Base-T), RJ-45 connector
Security	IP address filtering; HTTPS encryption; Password protected user levels; Anonymous login

• Alarm

Alarm Trigger	Video motion detection (3 regions); External device through digital input; Sound detection; Tampering 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 / Digital Output	1, Terminal block / 1, Terminal block
Analog Video Output	1, CVBS, BNC connector
Serial Port	1, RS-485/RS-422, Terminal block
Local Storage	MicroSDHC / MicroSDXC memory card slot (card not included)

• General

Power Source / Consumption	DC 12V / 7W; PoE Class 3 (IEEE802.3af) / 12.95W
Weight	360 g (0.7956 lb)
Dimensions (W x H x D)	125 x 58 x 62 mm (4.92" x 2.28" x 2.44")
Environmental Casing	Optional housing (IP 66 rated)
Mount Type	Wall Mount, Ceiling Bracket, Corner Mount, Pole Mount
Starting Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating Humidity	10% ~ 90% RH
Approvals	CE (EN 55022 Class A, EN 55024), FCC (Part15 Subpart A Class B)

• 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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