

A24

5MP Box with D/N, Extreme WDR, SLLS, Vari-focal Lens



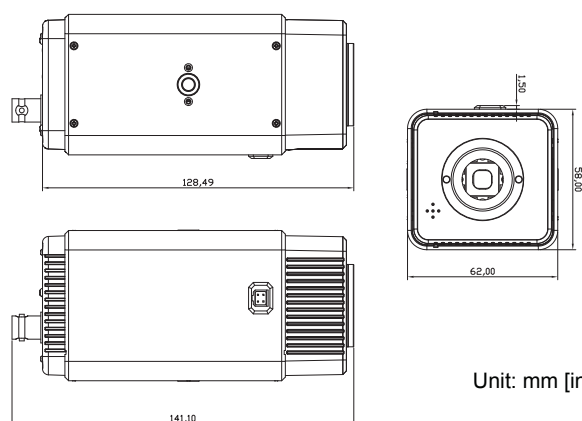
- 5 Megapixel
- Day & Night with Superior Low Light Sensitivity
- Vari-focal Lens with f3.6 ~ 10 mm / F1.5 ~ F2.8, P-Iris
- Extreme WDR (122 dB)
- 30 fps at 2592 x 1944
- Wide Angle

PHOTO INDICATION



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

DIMENSION DIAGRAM



Unit: mm [inch]

ACCESSORY OPTIONS

Power Supply

PPOE-0001		IEEE 802.3af PoE Injector for Class 1, 2 or 3 devices, with universal adapter
PPBX-0011		Power Adapter, AC 100~240V, with universal connectors for all DC12V powered devices

Indoor Bracket

PMAX-1104		Ceiling bracket for indoor box or bullet cameras, gray
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* For more mounting solutions, please refer to the Mounting Accessory Selector on www.acti.com

Outdoor Housing & Bracket

PMAX-0203		Heavy Duty Outdoor Housing with Heater and Fan (230V) and Bracket
PMAX-0204		Heavy Duty Outdoor Housing with Heater and Fan (110V) and Bracket
PMAX-0205		Heavy Duty Outdoor Housing with Bracket
PMAX-0206		PoE Heavy Duty Outdoor Housing with Heater, Fan, Defogger and Bracket

Popular Mounting Solutions

Junction Box	PMAX-0203 PMAX-0704	
Pole with Junction Box	PMAX-0203 PMAX-0704 PMAX-0508	

PRODUCT SPECIFICATION

A24

• Device

Device Type	Vari-focal Box Camera
Image Sensor	Progressive Scan CMOS
Sensor Size	1/1.8"
Effective Pixels	3096(H) X 2080(V) (6.44 MP)
Horizontal Resolution	1650 TVL
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.1 lux at F1.5; B/W 0.05 lux at F1.5 (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 ~ 1/64000 sec (manual mode); 1/5 ~ 1/64000 sec (auto mode)
S/N Ratio	56 dB

• Lens

Focal Length / Aperture	Vari-focal, f3.6 - 10mm / F1.5-2.8
Iris	P-Iris
Focus	Auto back focus
Lens Mount	CS mount (interchangeable lens)
Horizontal Viewing Angle	89.1° - 38.2°
Vertical Viewing Angle	68.3° - 29°

• PTZ

Pan, Tilt or Zoom Protocol	Pelco-D, Pelco-P, ACTi URL Command
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• Video

Compression	H.265, H.264 (Baseline / Main / High profile), MJPEG
Max. Frame Rate vs. Resolution	30 fps at 2592 x 1944; 30 fps at 2048 x 1536; 30 fps at 1920 x 1080; 30 fps at 1280 x 960; 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 triple streams based on three configurations
Bit Rate	128 Kbps -20 Mbps (per stream)
Bit Rate Mode	Constant, Variable
Image Enhancement	Extreme WDR (122 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	Yes
Built-in Analytics	Tampering Detection
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, 802.1X
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) / 9 W
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 11

* All specifications are subject to change without notice.

* All brand names and registered trademarks are the property of their respective owners.

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