

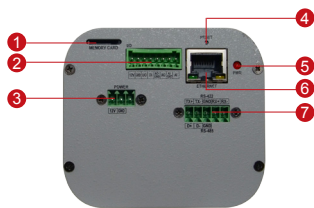
I29

2MP Zoom Box with D/N, Extreme WDR, ELLS, 36x Zoom Lens



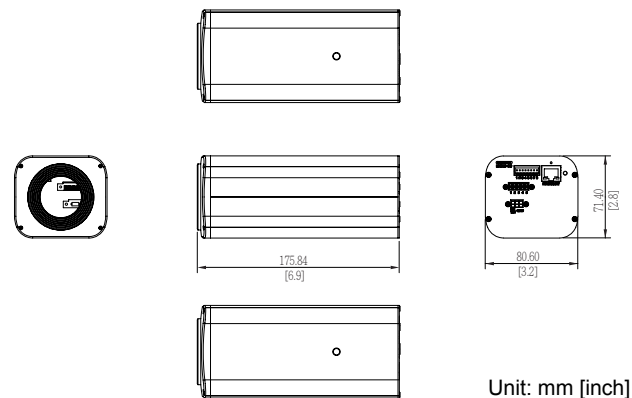
- 2 Megapixel
- Day & Night with Extreme Low Light Sensitivity
- 36x Zoom Lens with f4.6 - 165.6mm / F1.55 - 5.0, DC Iris, Auto Focus
- Extreme WDR (145 dB)
- 60 fps at 1920 x 1080

PHOTO INDICATION



- | | |
|---|-----------------|
| 1 Memory Card Slot | 5 Power LED |
| 2 Audio Input / Output & Digital Input / Output | 6 Ethernet Port |
| 3 DC 12V Power Input | 7 Serial Port |
| 4 Reset Button | |

DIMENSION DIAGRAM



ACCESSORY OPTIONS

Outdoor Housing & Bracket		
PMAX-0202		IP66, -10°C ~ 50°C (14°F ~ 122°F), requires housing bracket
PMAX-0203		IP68, Heavy Duty Outdoor Housing with Heater and Fan (230V) and Bracket
PMAX-0204		IP68, Heavy Duty Outdoor Housing with Heater and Fan (110V) and Bracket

Power Supply		
PPBX-0002		Universal Power Adapter, 100~240V, 4 different connectors included

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

Camera Bracket		
PMAX-1105		Bracket for indoor box cameras

PRODUCT SPECIFICATION

I29

• Device

Device Type	Zoom Box Camera
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.8"
Effective Pixels	1945 (H) x 1097 (V) (2.13 MP)
Horizontal Resolution	1800 TVL
Day / Night	Yes
Low Light Sensitivity	Extreme
Minimum Illumination	Color: 0.1 lux at F1.55 (30 IRE, 2400°K); B/W: 0.05 lux at F1.55 (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	56 dB

• Lens

Focal Length / Aperture	Zoom, f4.6 - 165.5mm / F1.55 - 5.0
Zoom Ratio	36x optical
Zoom Speed	2 sec (wide to tele)
Iris	DC iris
Focus	Auto focus
Lens Mount	Board mount
Horizontal Viewing Angle	62.7° ~ 2.7°
Vertical Viewing Angle	38.5° ~ 1.6°
Image Orientation	Flip, Mirror, Rotation (90°, 270°)

• Video

Compression	H.264 (Baseline / Main / High profile), MJPEG
Max. Frame Rate vs. Resolution	60 fps at 1920 x 1080; 60 fps at 1280 x 720; 30 fps at 640 x 480; 15 fps at 320 x 240
Multi-Streaming	Simultaneous triple streams based on three configurations
Bit Rate	128 Kbps - 12 Mbps (per stream)
Bit Rate Mode	Constant, Variable
Image Enhancement	Extreme WDR (145 dB); White balance: automatic, hold, and manual; Brightness; Contrast; Sharpness (auto); Auto gain control; 2D+3D digital noise reduction; Flickerless; Defogging; Digital image stabilizer
Privacy Mask	20 configurable regions
Text Overlay	User defined text on video
Image Orientation	Image flip and mirror, Rotation (0°, 90°)

• Audio

Compression	8kHz, Mono, PCM, 16 bit encoding; G. 711
Audio-In	Terminal block
Audio-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, IEEE 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; IEEE 802.1X network access control

• Alarm

Alarm Trigger	Video motion detection (10 regions); External device through digital input; Sound detection; Intelligent event detection
Alarm Response	Notify control center, Go to Zoom preset point or preset tour; Change camera settings; Command other devices; E-mail notification with snapshots; Push notification to mobile device; Save video to local storage; Upload video to NVR server; Upload video or snapshot to FTP server; Activate external device through digital output

• Interface

Digital Input	1, Terminal block
Digital Output	1, Terminal block
Serial Port	1, RS-485/RS-422, Terminal block
Local Storage	MicroSDHC/MicroSDXC memory card slot (card not included)

• General

Power Source / Consumption	PoE Class 3 (IEEE802.3af) / 9.4 W; DC 12V (adapter not included) / 7.5 W
Weight	781 g (1.721 lb)
Dimensions (W x H x D)	81 mm x 71 mm x 176 mm (3.2" x 2.8" x 6.9")
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	-20°C ~ 50°C (-4°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 and power adapter)

• 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 VLC installed (partial functionality)
Auto Firmware Upgrade	No
GPS Position	Manual setting

* All specifications are subject to change without notice.

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