

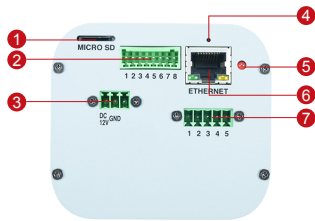
# I24

## 1MP Zoom Box with D/N, Extreme WDR, SLLS, 30x Zoom Lens



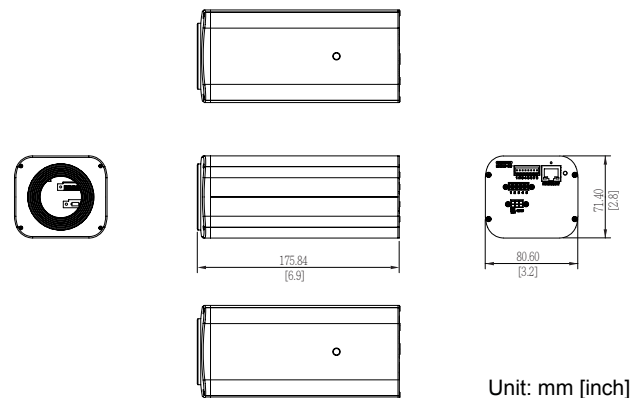
- 1 Megapixel with 720p
- Day & Night with Superior Low Light Sensitivity
- 30x Zoom Lens with f4.3-129mm / F1.6-5.0, DC Iris, Auto Focus
- Extreme WDR (145 dB)
- 30 fps at 1280 x 720

### PHOTO INDICATION



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

### DIMENSION DIAGRAM



### ACCESSORY OPTIONS

Power Supply		
PPOE-0001		IEEE 802.3af PoE Injector for Class 1, 2 or 3 devices, with universal adapter
PPBX-0002		Universal Power Adapter, 100~240V, 4 different connectors included

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

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)

\* For more mounting solutions, please refer to Project Planner on [www.acti.com](http://www.acti.com)

## PRODUCT SPECIFICATION

### I24

#### • Device

Device Type	Zoom Box Camera
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.8"
Effective Pixels	1944 (H) x 1224 (V) (2.38 MP)
Day / Night	Yes
Superior Low Light Sensitivity	Yes
Minimum Illumination	Color: 0.1 lux at F1.6 (30 IRE, 2400°K); B/W: 0.05 lux at F1.6 (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)
TV Lines	1450
S/N Ratio	56 dB

#### • Lens

Focal Length / Aperture	Zoom, f4.3 - 129 mm / F1.6 - 5.0
Zoom Ratio	30x optical; 16x digital
Zoom Speed	2.87 sec (wide to tele)
Iris	DC iris
Focus	Auto focus
Lens Mount	Board mount
Horizontal Viewing Angle	65.1° ~ 2.34°

#### • Video

Compression	H.264 HP, 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	Extreme WDR (145 dB); White balance: automatic, hold, and manual; Brightness; Contrast; Sharpness (auto); Auto gain control; 2D+3D digital noise reduction; Flickerless; Defogging
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, Sony VISCA, Pelco D, Pelco P
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; Go to PTZ preset point or preset tour; 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	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	PoE Class 3 (IEEE802.3af) and DC 12V (adapter not included) / 7.2 W
Weight	72 g (1.59 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	-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 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)

\* All specifications are subject to change without notice.

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