

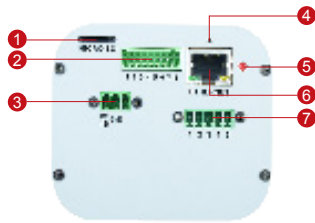
# B21

## 5MP Zoom Box with D/N, Basic WDR, 12x Zoom Lens



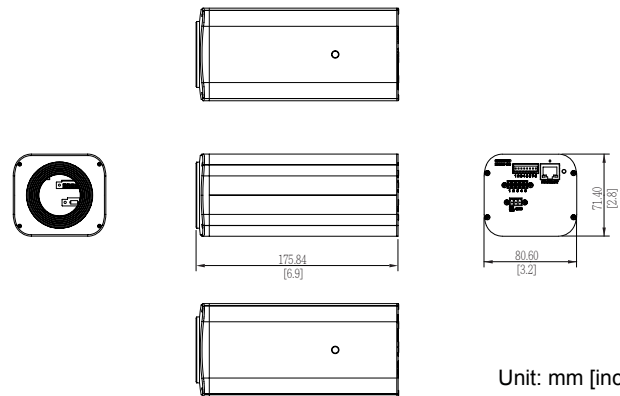
- 5 Megapixel with 1080p
- Day & Night
- 12x Zoom Lens with f5.2 - 62.4mm / F1.8 - 3.0, DC Iris, Auto Focus
- Basic WDR (74 dB)
- 30 fps at 1920 x 1080

### 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

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-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)

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), (For PMAX-0200, PMAX-0201, PMAX-0202)

**PRODUCT SPECIFICATION****B21****• Device**

Device Type	Zoom Box Camera
Image Sensor	Progressive Scan CMOS
Sensor Size	1/3.2"
Effective Pixels	2592 (H) x 1944 (V) (5.04 MP)
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)
Horizontal Resolution	1500 TVL
S/N Ratio	52 dB

**• Lens**

Focal Length / Aperture	Zoom, f5.2 - 62.4mm / F1.8 - 3.0
Zoom Ratio / Speed	12x optical / 2.3 sec (wide to tele)
Zoom Application	Camera Installation; Auto Zoom by Event; Manual Operation
Iris	DC iris
Focus	Auto focus
Lens Mount	Board mount
Horizontal Viewing Angle	48.4° ~ 4.8°

**• Video**

Compression	H.264 (Baseline / Main / High profile), MJPEG
Max. Frame Rate vs. Resolution	15 fps at 2592 x 1944; 15 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; 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
Privacy Mask	Up to 17 preset points including home position with up to 4 configurable regions for each Zoom position
Image Enhancement	Basic WDR (74 dB); White balance: automatic, hold, and manual; Brightness; Contrast; Sharpness (auto); Auto gain control; Digital noise reduction; Flickerless
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; Sound detection
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; Save 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) / 5.28 W; DC 12V (adapter not included) / 4.08 W
Weight	634 g (1.40 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
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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