

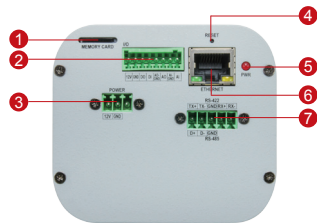
B210

10MP Zoom Box with D/N,
Basic WDR, 10x Zoom Lens



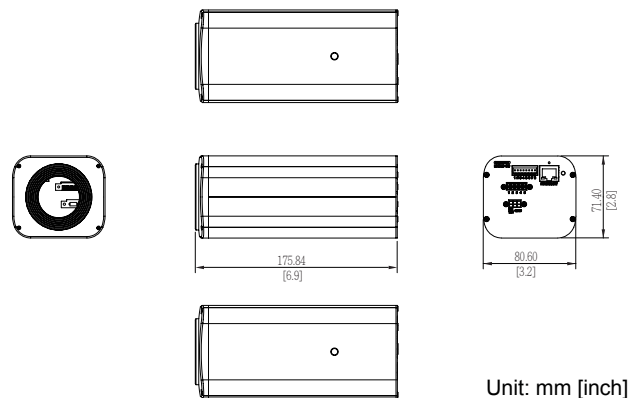
- 10 Megapixel with 4K/1080p
- Day & Night
- 10x Zoom Lens with f6.3 - 63mm / F2.2 - 3.5, P-Iris, Auto Focus
- Basic WDR (70 dB)
- 30 fps at 1920 x 1080

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



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

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)

Popular Mounting Solutions

Corner	PMAX-0202 PMAX-1101 PMAX-0402	
Pole	PMAX-0202 PMAX-1101 PMAX-0503	

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

PRODUCT SPECIFICATION**B210****• Device**

Device Type	Zoom Box Camera
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.3"
Effective Pixels	3856 (H) x 2764 (V) (10.66 MP)
Day / Night	Yes
Low Light Sensitivity	Standard
Minimum Illumination	Color: 0.1 lux at F2.2 (30 IRE, 2400°K); B/W: 0.05 lux at F2.2 (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	1550
S/N Ratio	52 dB

• Lens

Focal Length / Aperture	Zoom, f6.3 - 63mm / F2.2 - 3.5
Zoom Ratio /Speed	10x optical / 2.3 sec (wide to tele)
Iris	P-iris
Focus	Auto focus
Lens Mount	Board mount
Horizontal Viewing Angle	50.6° ~ 4.59°

• Video

Compression	H.264 (Baseline / Main / High profile), MJPEG
Max. Frame Rate vs. Resolution	7 fps at 3648 x 2736; 7 fps at 3648 x 2160; 7 fps at 2592 x 1944; 7 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
Image Enhancement	Basic WDR (70 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; 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) / 7.68 W (built-in heater on) DC 12V (adapter not included) / 7.08 W (built-in heater on)
Weight	677 g (1.49 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
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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