

B214

2MP Zoom Box with D/N,
Extreme WDR, 20x Zoom Lens



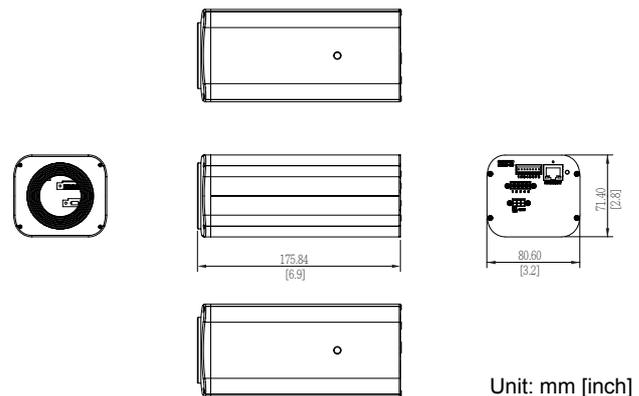
- 2 Megapixel with 1080p
- Day & Night with Superior Low Light Sensitivity
- 20x Zoom Lens with f4.7 - 94mm / F1.6 - 3.5, DC-Iris, Auto Focus
- Extreme WDR (145 dB)
- 60 fps at 1920 x 1080

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

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

* For more mounting solutions, please refer to Mounting Selector on www.acti.com

Outdoor Housing & Bracket		
PMAX-0203		IP68, with heater and fan powered by 230V AC, -30°C ~ 50°C (-22°F ~ 122°F), with integrated bracket
PMAX-0204		IP68, with heater and fan powered by 110V AC, -30°C ~ 50°C (-22°F ~ 122°F), with integrated bracket
PMAX-0205		IP68, -10°C ~ 50°C (14°F ~ 122°F), with integrated bracket

PRODUCT SPECIFICATION**B214****• 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)
Horizontal Resolution	1450 TVL
Day / Night	Yes
Low Light Sensitivity	Superior
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)
Real Time Clock	Yes
S/N Ratio	56 dB

• Lens

Focal Length / Aperture	Zoom, f4.7 - 94mm / F1.6 - 3.5
Zoom Ratio /Speed	20x optical / 2.2 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	62° ~ 2.8°
Vertical Viewing Angle	36.4° - 1.4°

• 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; 30 fps at 320 x 240
Multi-Streaming	Simultaneous triple streams based on configurations
Bit Rate	128 Kbps - 12 Mbps (per stream)
Bit Rate Mode	Constant, Variable
Privacy Mask	Up to 20 preset points including home position with up to 20 configurable regions for each Zoom position
Image Enhancement	Extreme WDR (145 dB); White balance: automatic, hold, and manual; Brightness; Saturation; Contrast; Sharpness (auto); Auto gain control; 2D+3D Digital noise reduction; Flickerless; Defogging
Text Overlay	User defined text on video
Built-in Analytics	Motion Detection, Tamper, Digital Image Stabilizer, Line Crossing, Enter Area, Appearing in Area, Missing Object, Unattended Object
Image Orientation	Image flip, mirror and rotation

• 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 (10 regions); External device through digital input; Sound 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	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) / 10.2 W (built-in heater on) DC 12V (adapter not included) / 8.7 W (built-in heater on)
Weight	732 g (1.61 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) within 30 min
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.

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

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