

D42A

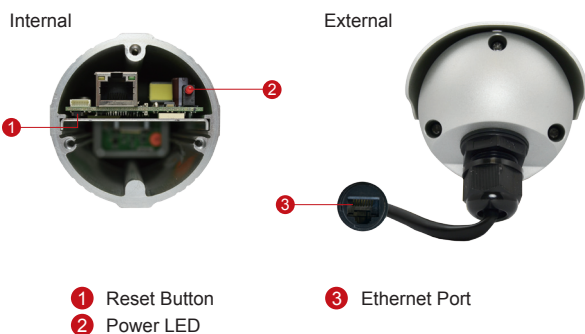
3MP Bullet with D/N,
Adaptive IR, Vari-focal Lens



* The bracket is included.

- 3 Megapixel with 1080p
- Day & Night with Adaptive IR LED
- Vari-focal Lens with f2.8-12mm/ F1.4
- 30 fps at 1920 x 1080
- Weatherproof (IP68) and Vandal Proof Metal Casing (IK10)

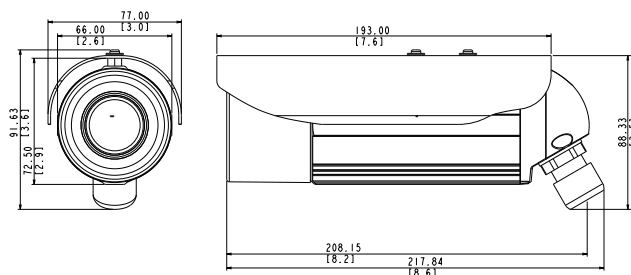
PHOTO INDICATION



- 1 Reset Button
- 2 Power LED

- 3 Ethernet Port

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
Camera Bracket		
PMAX-1107		Aluminum, max. load 10 kg (22.05 lb), tilt angle 90°, swivel angle 360°

Popular Mounting Solutions		
Corner	PMAX-1107 PMAX-0402	
Pole	PMAX-1107 PMAX-0503	

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

PRODUCT SPECIFICATION

D42A

• Device

Device Type	Bullet Camera
Image Sensor	Progressive Scan CMOS
Sensor Size	1/3.2"
Effective Pixels	2592 (H) x 1944 (V) (5.04 MP)
Horizontal Resolution	1350 TVL
Day / Night	Yes
Low Light Sensitivity	Standard
Minimum Illumination	Color: 0.1 lux at F1.4 (30 IRE, 2400°K); B/W: 0 lux (IR LED on)
Color to B/W switch	ISP based switch, configurable
Mechanical IR Cut Filter	Yes
IR Sensitivity Range	700~1100nm
IR LED	Adaptive IR LED x 15 (850 nm)
IR Working Distance	30 m (0 lux, 30 IRE, Gain 255, Auto shutter mode)
Electronic Shutter	1/5 ~ 1/2,000 sec (manual mode); 1/5 ~ 1/10,000 sec (auto mode)
S/N Ratio	52 dB

• Lens

Focal Length / Aperture	Vari-focal, f2.8 - 12 mm / F1.4
Iris	Fixed iris
Focus	Manual focus
Mount Type	Board mount
Horizontal Viewing Angle	70.5° ~ 28.2°

• Video

Compression	H.264 (Baseline/ Main/ High profile), MJPEG
Max. Frame Rate vs. Resolution	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
Image Enhancement	White balance: automatic, hold, and manual; Brightness; Contrast; Sharpness(auto); Auto gain control; Digital noise reduction; Flickerless
Privacy Mask	4 configurable regions
Text Overlay	User defined text on video
On-Screen Graphics	User defined image layer on video
Image Orientation	Image flip and mirror

• Audio

Compression	8kHz, Mono, PCM, 16 bit encoding; G. 711
Audio-In	Cable with 3.5mm phone jack
Audio-Out	Cable with 3.5mm phone jack

• Network

Protocol & Service	TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, IPv4, IPv6, DNS, DDNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UPnP, SNMP, Bonjour
Ethernet Port	1, Ethernet (10/100 Base-T), RJ-45 connector
Security	IP address filtering; HTTPS encryption; Password protected user levels; Anonymous login; IEEE802.1X network access control

• Alarm

Alarm Trigger	Video motion detection (3 regions); Sound detection
Alarm Response	Notify control center; Change camera settings; Command other devices; E-mail notification with snapshots; Save video to local storage; Upload video, Snapshot to FTP server; Activate external device through digital output

• Interface

Digital Input	1, cable without connector
Digital Output	1, cable without connector
Local Storage	MicroSDHC/MicroSDXC memory card slot (card not included)

• General

Power Source / Consumption	PoE Class 2 (IEEE802.3af) / 4.32 W (IR on)
Weight	955 g (2.105 lb)
Dimensions (Ø x L)	77 mm x 218 mm (3.03" x 8.58")
Bundled Accessories	Bracket
Environmental Casing	Weatherproof (IP66 rated); Vandal proof metal casing (IK10)
Mount Type	Wall, Ceiling, Corner, Pole
Starting Temperature	-20 °C ~ 50 °C (-4 °F ~ 122 °F)
Operating Temperature	-40 °C ~ 50 °C (-40 °F ~ 122 °F)
Operating Humidity	10% ~ 85% RH
Approvals	CE (EN 55022 Class B, EN 55024), FCC (Part15 Subpart B Class B), IP68, NEMA 4X, IK10, UL (for optional PoE injector)

• 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	Yes
GPS Positions	Manual Setting

* All specifications are subject to change without notice.

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