A418

6MP Zoom Bullet with D/N, IR, Extreme WDR, SLLS, 5x Zoom Lens

- 6 Megapixel
- Day & Night with Superior Low Light Sensitivity and IR LED
- Extreme WDR
- H.265 Compression
- Wide Angle
- Built-in Analytics
- Event trigger, response and notification

▶ Specifications

Device

Product Type	Zoom Bullet
Maximum Resolution	6MP
Application Environment	Outdoor
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.7 "
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.01 lux; B/W: 0 lux (IR LED on)
Color to B/W Switch	ISP based switch, configurable
Mechanical IR Cut Filter	Yes
IR LED	IR LED x 4 (850 nm)
IR Working Distance	85m (1.0 lux)
Electronic Shutter	1/30-1/64000 second (auto mode)

Lens

Focal Length	Zoom, f2.7-13.5mm
Aperture	F1.6

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• All specifications are subject to change without notice.

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Zoom Ratio	5x optical
Zoom Application	Camera Installation
Focus	Auto focus
Lens Mount	Board mount
Horizontal Viewing Angle	82.2° - 28.7°
Vertical Viewing Angle	54.5° - 19°

Video

Compression	H.265, H.264 (Main/ High profile), MJPEG
Maximum Frame Rate vs. Resolution	20 fps at 3072 x 2048 20 fps at 2592 x 1944 25 fps at 2688 x 1520 30 fps at 2560 x 1440 30 fps at 1920 x 1080 30 fps at 1280 x 960 30 fps at 1280 x 720 30 fps at 640 x 480
Multi-Streaming	Simultaneous quad streams
Bit Rate	128Kbps - 12Mbps (per stream)
Bit Rate Mode	Constant, Variable
Wide Dynamic Range	Extreme WDR (150 dB)
Image Enhancement	White Balance, Backlight compensation (BLC), Brightness, Contrast, Sharpness, Automatic gain control
Digital Noise Reduction	2D + 3D DNR
Privacy Mask	4 configurable regions
Text Overlay	Yes
Built-in Analytics	Tampering Detection, Face Detection, Object Line Crossing Detection, Object Enter Area Detection
Server-based Analytics	Object Line Counting, People Counting, Face Detection, Object Based Motion Detection, Tamper, Object Line Crossing Detection, Object Enter Area Detection, Missing Object Detection, Unattended Object Detection, Smoke Detection, Heat Map, Dwell Time, Direction Detection, Automatic License Plate Recognition, People Queue Detection, (Require PC-based or standalone IVS or ALPR Server. Contact ACTi support for recommendations on how to maximize analytical accuracy)
Image Orientation	Flip, Mirror, Rotation

Audio

Audio Type	2-way, Line-in, Line-out
Audio Compression	G.711

Network

Network Protocol & Service	IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP, IEEE 802.1X
Ethernet Port	1 x Ethernet (10/100 Base-T), RJ-45 pigtail connector
Security	IP address filtering, HTTPS encryption, Password protected user level, Anonymous login, IEEE 802.1X network access control

Event

Event Trigger	Video motion detection (10 included and excluded polygons regions), External device through digital input, Sound detection, Intelligent event detection
Event Response	Notify control center, Change camera settings, Command other devices, E-mail notification with snapshots, Play the audio file, Push notification to mobile device, Save video to local storage, Upload video to NVR server, Upload video or snapshot to FTP server, Activate external device through digital output

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Integration

Unified Solution	Fully compatible with ACTi software
GPS Position	Manual setting
ONVIF Compliant	Yes, Profile S, Profile G, Profile Q, Profile T
GB28181 Compliant	Yes
Web Browser	IE 11
Auto Firmware Upgrade	Yes

Interface

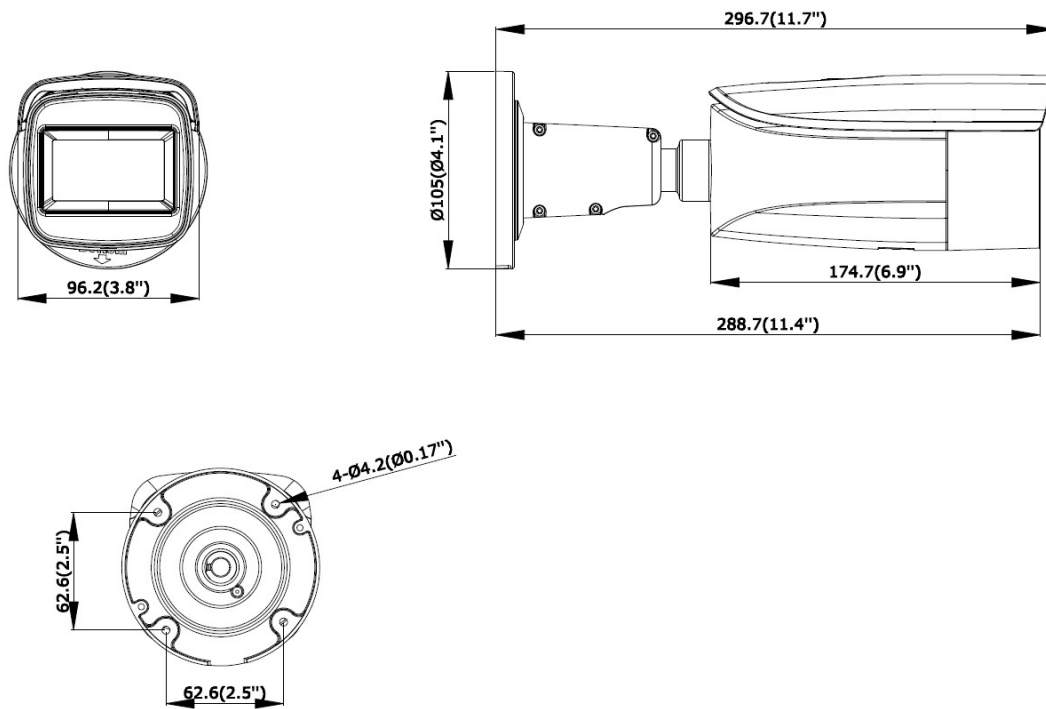|	
Audio Interface	1/1, Terminal block
Analog Video Output	1 x NTSC (or PAL) composite, BNC connector
Local Storage	MicroSD, MicroSDHC, MicroSDXC Memory Card Slot (card not included, up to 128GB)
Digital Input/Output	1/1 (Terminal block)

General

Power Source	DC 12V, PoE Class 4 (IEEE802.3at)
Power Consumption	14.5 W (DC), 18 W (PoE)
Weight	1272g (2.804lb)
Dimensions	(Ø x L): 105.1mm x 297.5mm (4.1" x 11.7")
Environmental Casing	Weatherproof (IP68), Vandal proof metal casing (IK10)
Bundled Accessories	Integrated bracket
Mount Type	Integrated Bracket, Pole Mount
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)
Operating Humidity	10% - 95% RH
Approvals	CE Class B, FCC Class B, IP68, NEMA 4X, IK10 (metal casing)
Material	Metal
Warranty	3 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

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▶ Photo Indication

1 Ethernet Port

2 Digital Input / Output

3 Audio Input / Output

4 DC 12V Power Input

5 Reset Button

6 Analog Video Output Connector

7 Memory Card Slot

▶ Dimension Diagram

296.7(11.7")

Ø105(Ø4.1")

174.7(6.9")

288.7(11.4")

96.2(3.8")

4-Ø4.2(Ø0.17")

62.6(2.5")

62.6(2.5")

Unit: mm [inch]

▶ Related Products

Mounting Accessories - Camera Mount

PMAX-0407		Corner mount for A416 and A418.
PMAX-0524		Pole Mount (for A416, A418, ,A419, A44, A45, A46, A48, VMGB-351), supports 2.64" to 5" Poles
PMAX-0721		Junction Box (for A416, A418, ,A419, Z76)

Note: Some mounting accessories may need additional accessories for installation. Please check www.acti.com/mountingselector for more information.

Power Supply Accessories - Power Adapter

PPBX-0013		Power Adapter AC 100~240V (EU), for A3x, A4x, A88, A9x, Z31, Z8x, Z9x
PPBX-0014		Power Adapter AC 100~240V (UK), for A3x, A4x, A88, A9x, Z31, Z8x, Z9x
PPBX-0023		Power Adapter 12V /2A(US) with DC PLUG for A416, A418

Power Supply Accessories - PoE Injector

PPOE-0101		High PoE Injector IEEE 802.3at compliant, AC 100~240V, with universal connectors (for I91, I92, KCM-8111)

Audio Devices - Microphone

PMIC-0100		Active Microphone Omnidirectional for all Cameras with Line-in Audio
PMIC-0201		Passive Microphone Omnidirectional for all Cameras with Mic-In Audio using Cable Wire or Terminal Connector, 2m cable

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