B419-P2

6MP Zoom Bullet with D/N, Adaptive IR, Extreme WDR, SLLS, 10x Zoom Lens

- 6 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- 10x Zoom Lens with f4.7-47mm/F1.6-F3.0, DC iris, Auto focus (for installation)
- 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 "
Effective Pixels	3092(H) X 2202(V) (6.82 MP)
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 Sensitivity Range	700-1100nm
IR LED	Adaptive IR LED x 4 (850 nm)
IR Working Distance	85m
Electronic Shutter	1/30-1/64000 second (manual mode); 1/30-1/64000 second (auto mode)

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Horizontal Resolution (TV Lines)	1750 TVL
S/N Ratio	56 dB

Lens

Focal Length	Zoom, f4.7-47mm
Aperture	F1.6-F3.0
Zoom Ratio	10x optical zoom
Zoom Application	Camera Installation
Iris	DC iris
Focus	Auto focus
Lens Mount	Board mount
Horizontal Viewing Angle	82.2° - 28.7°
Vertical Viewing Angle	54.5° - 19°

PTZ

Absolute Position	Yes
Pan, Tilt or Zoom protocol	Visca, Pelco-D, Pelco-P, ACTi URL command

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, Brightness, Contrast, Saturation, Automatic gain control, Flickerless, Digital Image Stabilizer (DIS, EIS), Defogging
Digital Noise Reduction	2D + 3D DNR
Privacy Mask	32 configurable 3D privacy masks
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 (Corridor mode)

Audio

Audio Type	2-way, Line-in, Line-out

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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 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 (* To be available through future firmware upgrade).
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

Integration

Unified Solution	Fully compatible with ACTi software
GPS Position	Manual setting
ONVIF Compliant	Yes, Profile S, Profile G, Profile Q, Profile T* (To be available through future firmware upgrade)
GB28181 Compliant	Yes
Web Browser	IE 11
Auto Firmware Upgrade	Yes* (To be available through future firmware upgrade)

Interface

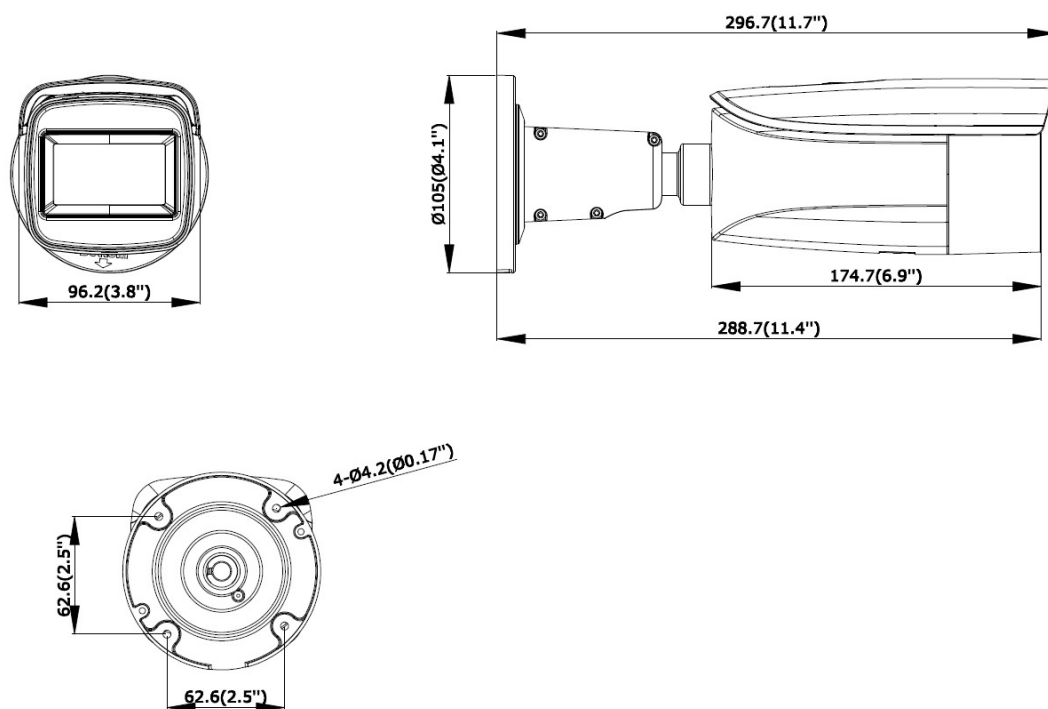| Audio Interface	1/1, Terminal block
Analog Video Output	1 x NTSC (or PAL) composite, BNC connector
Local Storage	MicroSD, MicroSDHC, MicroSDXC Memory Card Slot (card not included, up to 256GB)
Digital Input/Output	1/1 (Terminal block)

General

Power Source	DC 12V, High PoE (IEEE802.3at)
Power Consumption	14.5 W (DC), 18 W (PoE)
Weight	1272g (2.804lb)
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]

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▶ Related Products

Mounting Accessories - Camera Mount

PMAX-0407		Corner mount for A416, A418, B419-P2.
PMAX-0524		Pole Mount (for A416, A418, ,A419, A44, A45, A46, A48, VMGB-351, B419-P2), supports 2.64" to 5" Poles
PMAX-0721		Junction Box (for A416, A418, ,A419, Z76, B419-P2)

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

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