

A432

9MP 3.6x Zoom Bullet with IR LED 30m, Basic WDR



- 9 Megapixel, 3.6x, Zoom Bullet
- 1" Sensor, IR LED 30m
- Color Min. Illumination 0.001 lux
- Automatic License Plate Recognition
- DORI (220-800 / 88.7-322.6 / 44-160 / 22-80m)
- Weatherproof (IP68), Vandal proof (IK10)

Specifications

Product Profile

Product Type	Zoom Bullet
Product Application	ALPR
Application Environment	Outdoor
Maximum Resolution	9MP
Image Sensor	Global Shutter CMOS
Sensor Size	1 "
Day / Night	Yes
Low Light Sensitivity	Standard
Minimum Illumination	Color: 0.001 lux at F1.4 (AGC on); B/W: 0.0005 lux (IR LED on)
Mechanical IR Cut Filter	Yes
IR LED	Adaptive IR LED x 3 (850 nm)
IR Working Distance	30m
Electronic Shutter	1/50-1/20000 second (manual mode); 1/50-1/120000 second (auto mode)
S/N Ratio	75 dB
Number of Traffic Lanes	1

Lens

Focal Length	Zoom, f11-40mm
Aperture	F1.6-F25
Zoom Ratio	3.6x optical zoom
Focus	Auto focus
Horizontal Viewing Angle	62° - 23.6°
Vertical Viewing Angle	32.2° - 12.2°

Video

Compression	H.265 Adaptive Stream, H.264 Adaptive Stream, MJPEG
Maximum Frame Rate vs. Resolution	30 fps at 4096 x 2160 30 fps at 3840 x 2160 30 fps at 3392 x 2008 30 fps at 3072 x 1728 30 fps at 2688 x 1520 30 fps at 1920 x 1200 30 fps at 1920 x 1080 30 fps at 1280 x 720 30 fps at 704 x 576
Bit Rate	32Kbps - 16Mbps
Multi-Streaming	Simultaneous triple streams
Digital Noise Reduction	3D DNR
Wide Dynamic Range	Basic WDR
Image Enhancement	White Balance, Brightness, Contrast, Sharpness, Saturation, Automatic gain control (AGC), Backlight compensation (BLC), Highlight compensation (HLC)
Built-in Analytics	Deep Learning : Automatic License Plate Recognition, Vehicle Detection, Vehicle Color Detection, Vehicle Type Detection, Vehicle Incorrect Direction Detection

Network

Ethernet Port	2 x Ethernet (10/100/1000 Base-T), RJ-45 connector
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Detection Range

Observation Range	Detection: 220m-800m Observation: 88.7m-322.6m Recognition: 44m-160m Identification: 22m-80m
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Event

Event Trigger	Intelligent event detection, Network loss, IP address conflict,
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Interface

Serial Port	3 x RS-485, 1 x RS-232
Digital Input/Output	2/7

Installation

Vehicle Capture Speed	Front-Installation: 320 km/h Side-Installation: 320 km/h
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General

Power Source	AC 24V
Power Consumption	35 W (AC)
Weight	5130g (11.31lb)
Dimensions	(L x W): 501.0mm x 175.6mm x 144.6mm (19.72" x 6.92" x 5.69")
Environmental Casing	Weatherproof (IP68), Vandal proof metal casing (IK10)

Corrosion Protection	Optional for project request. Chassis corrosion resistance at the seashore approximately 3 years.
Heater	Yes
Operating Temperature	-30°C ~ 70°C (-22°F ~ 158°F)
Storage Temperature	-30 °C ~ 60 °C (-22 °F ~ 140 °F)
Operating Humidity	5% - 95% RH, non-condensing
Approvals	CE Class A, FCC Class A, IP68, IK10 (metal casing)
Material	Aluminum
Warranty	3 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

Related Products

Bullet - Vari-focal Bullet

A432-P1  9MP Vari-focal Bullet with IR LED 30m, Basic WDR

Mounting Accessories - Camera Mount

PMAX-0546



PMAX-1123



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

Network & Storage Peripherals - Data Switch

PPSW-0102



PLANET FGSD-1011HP 8-Port 802.3at PoE Switch (PoE Budget 120W)

PPSW-0108



8-Port Gigabit 802.3at Managed PoE Switch (PoE Budget 120W)

PPSW-0109



8-Port 802.3at Smart Managed PoE Switch (PoE Budget 120W)

PPSW-1101



PLANET GS-4210-24PL4C 24-Port Gigabit 802.3at Managed PoE Switch (PoE Budget 440W)

PPSW-1107



24-port 10/100/1000Mbps PoE, Smart Managed Gigabit Ethernet PoE Switch

PPSW-2105



4-Port 802.3at Smart Managed Gigabit PoE Switch

PPSW-3101



16-Port Gigabit 802.3at Managed PoE Switch (PoE Budget 240W)

PPSW-3103



16-Port 802.3at PoE Switch (PoE Budget 250W)

PPSW-3104



16-Port 802.3at Smart Managed PoE Switch (PoE Budget 250W)

PPSW-3402



16-Port 10/100/1000T 802.3bt PoE + 8-Port 10/100/1000T + 4-Port 10G SFP+ Managed Ethernet Switch

PPSW-4205



24-Port 10/100/1000T 802.3at PoE + 2-Port 100/1000X SFP Managed Switch (PoE Budget 300W)