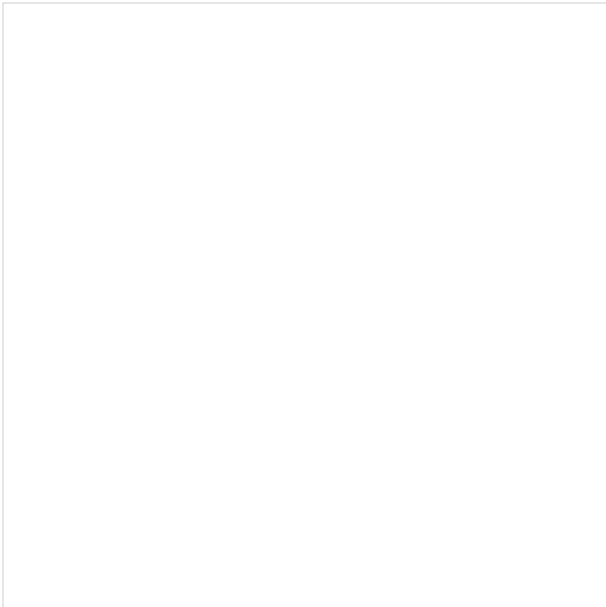


A961

2MP 60x Outdoor PTZ with Laser 500m, WDR 140dB



- 2 Megapixel, 60x, PTZ
- 1/1.2" Sensor, Laser 500m, Extreme WDR (140 dB)
- Color Min. Illumination 0.0003 lux
- 360° endless
- Automatic License Plate Recognition
- DORI (4137.9 / 1642 / 827.6 / 413.8m)
- Weatherproof (IP68), Vandal proof (IK10)

Specifications

Product Profile

Product Type	PTZ
Product Application	Vehicle Classification, ALPR
Application Environment	Outdoor
Maximum Resolution	2MP
Image Sensor	Progressive Scan CMOS
Sensor Size	1/1.2 "
Day / Night	Yes
Low Light Sensitivity	Extreme
Minimum Illumination	Color: 0.0003 lux at F1.6 (AGC on); B/W: 0 lux (Laser on)
Mechanical IR Cut Filter	Yes
Light Type	Laser
Laser Working Distance	500m
S/N Ratio	75 dB
Number of Traffic Lanes	1

Lens

Focal Length	Zoom, f6.0-360mm
Aperture	F1.6
Zoom Ratio	60x optical zoom, 16x digital zoom
Zoom Speed	9 second (wide to tele)
Focus	Auto focus
Horizontal Viewing Angle	61° - 1.3°
Vertical Viewing Angle	35.9° - 0.8°

PTZ

Panning Range	360° endless
Tilting Range	-20°~90° (with E-flip)

Video

Compression	H.265 Adaptive Stream, H.264 Adaptive Stream, MJPEG
Maximum Frame Rate vs. Resolution	(60Hz) 30 fps at 1920 x 1080 30 fps at 1280 x 960 30 fps at 1280 x 720 30 fps at 704 x 480 30 fps at 640 x 480 30 fps at 352 x 240 (50Hz) 25 fps at 1920 x 1080 25 fps at 1280 x 960 25 fps at 1280 x 720 25 fps at 704 x 576 25 fps at 640 x 480 25 fps at 352 x 288
Multi-Streaming	Simultaneous triple streams
Digital Noise Reduction	3D DNR
Wide Dynamic Range	Extreme WDR (140 dB)
Image Enhancement	Backlight compensation (BLC), Defogging, Digital Image Stabilizer (DIS, EIS), Brightness, Contrast, Sharpness
Privacy Mask	24 configurable regions
Built-in Analytics	Deep Learning : Automatic License Plate Recognition, Vehicle Detection, Face Detection, Face Tracking, Object Enter Area Detection, Object Line Crossing Detection, Object Exit Area Detection

Audio

Audio Type	2-way
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Network

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

Detection Range

Observation Range	Detection: 4137.9m Observation: 1642m Recognition: 827.6m Identification: 413.8m
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Integration

Web Browser	IE 11 or newer, Google Chrome, Microsoft Edge, Firefox, Apple Safari
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Interface

Digital Input/Output	7/2
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Installation


Vehicle Capture Speed	Front-Installation: 120 km/h Side-Installation: 120 km/h
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General

Power Source	AC 24V, High PoE (IEEE802.3bt)
Power Consumption	62 W (AC, heater and IR on), 51 W (PoE, heater and IR on)
Weight	9600g (21.16lb)
Dimensions	(Ø x H): 267mm x 430mm (10.51" x 16.93")
Environmental Casing	Weatherproof (IP68), Vandal proof (IK10)
Corrosion Protection	Optional for project request. Chassis corrosion resistance at the seashore approximately 3 years.
Bundled Accessories	Power Adapter
Heater	Yes
Operating Temperature	-40°C ~ 70°C (-40°F ~ 158°F)
Operating Humidity	≤95% RH, non-condensing

Related Products

Mounting Accessories - Camera Mount

PMAX-0370	
PMAX-0540	
PMAX-0739	

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