PRODUCT SPECIFICATIONS:

AUTOMATIC LICENSE PLATE RECOGNITION CAMERA

Power Your ATS Trailer with ALPR Intelligence

Our all-in-one automatic license plate recognition (ALPR) camera is designed to simplify deployments from specification through installation. Versatile and accurate, this device is ideally suited for a range of applications including:

- Management of off-street parking lots and facilities for tighter access control
- Monitoring of entrances and exits
- Capturing license plates at high speeds on streets and highways
- Covering major city access points for wanted vehicles
- Locating vehicle owners that have outstanding arrest warrants or unpaid parking tickets
- Conduct crime and convoy analyses to accelerate investigations
- Identify cruising vehicles
- Assisting in missing person searches

Benefits

- Equipped with high-resolution ALPR and context cameras and on-board illumination, covers a wide field-of-view and provides high-quality images, day or night
- On-board image processing and analysis—only plate read data is transferred over the network for decreased data load on the network and server; the cameras are not dependent on the server, providing uninterrupted coverage even when connectivity goes down

- On-board I/Os can be used to trigger reads based on sensors to increase capture rates or open gates based on a list of permitted plates

Simplified Specification and Installation

All-in-one ALPR unit connects to power and data using a single off-the-shelf Ethernet cable for fast deployment. As a varifocal camera, the reading distance and magnification are adjustable on site, reducing system design and specification effort.

Features

- On-board ALPR processing ensures performance and scalability
- Varifocal cameras ease specification and design
- IP67-rated enclosure allows for operation in extreme weather conditions and harsh environments
- Built-in Illumination for around-the clock operation
- Onboard I/Os for integration to sensors or triggers, e.g., induction loops or gates

The ALPR camera includes high-resolution ALPR and context cameras as well as integrated illumination and on-board processing.

- 1280 x 960 progressive scan at 30 fps, monochrome LPR camera
- Long Range: 60 - 115 feet (18 - 35 meters)
- Power over Ethernet plus (PoE+) connectivity

- **ALPR Camera Sensor**

  o 1280 × 960 progressive scan @ 30 fps (ALPR), monochrome

- **Capture range**

  o Long Range: 60 - 115 feet (18.25 – 35 meters)

- **Dimensions**

  o 2.5 × 7.6 × 8.5 inches (63 × 192 × 214 mm)

- **Weight**

  o 5.04 lbs. (2.29 kg)

- **Illuminator**

  o Pulsed LED illuminator for effective use in 0 lux (total darkness) environments

  o Different illumination wavelengths available

- **Context camera sensor**

  o 1280 × 960 progressive scan @ 30 fps (ALPR), 15 fps (Streaming), color

- **Available colors**

  o Security White

- Temperature -40°F to 140°F (-40°C to 65°C) operating

- Power supply PoE+ (Power-over-Ethernet - 802.3 at Type 2 (25.5W) ~20W

- Water resistance IEC 60529: IP67

- External interface 1 x 10/100/1000 Base-T Ethernet port

- External I/Os 2 Inputs/ 2 Outputs (opto-isolated)

See **ATS 5 Trailer Specifications Sheet** for additional specifications.