

Portable License Plate Reader (Portable LPR/ANPR)

perceptics
imaging technology solutions

Portable License Plate Reader System

With more than 30-years experience in Security and Traffic Management, Perceptics has an outstanding world-wide track record of proven performance with their License Plate Reader Systems. The Perceptics [License Plate Reader](#) automatically detects the presence of a vehicle, captures an image of the vehicle's license plate and reads the plate number and state or country of origin. Regardless of the plate type: retro-reflective, non-retro-reflective, embossed or flat, the Perceptics [License Plate Reader System](#) interprets the information at an unprecedented 95% accuracy level.

The Portable License Plate Reader is recommended over fixed LPR installations:

- When site construction constraints are present
- Supports temporary highway or access control inspection or interdiction operations
- For commercial vehicle inspection lanes at military bases
- Supports secondary inspection lanes at border crossings or facility access gates

The Perceptics [License Plate Reader System](#) automatically captures, identifies and records the plate's alphanumeric code, state, province or country of origin and processes this data in real time, thus minimizing the transit and wait times. The images and information gathered from the plates display within Perceptics' Vehicle Inspection System (VIS) software and can be linked to databases for background checks.

Portable License Plate Reader Benefits & Features

The Perceptics Portable License Plate Reader system stands apart from our competition for several reasons:

- Integrated Camera Enclosure (ICE), a rugged enclosure that houses two monochrome LPR cameras and an optional color scene camera, reduces set up time
- Systems available with and without scene camera
- 95% full plate and origin accuracy
- Real time risk assessment
- Portable vehicle loop sensors minimizes set up time
- Easy integration with Under Vehicle Inspection Systems



Integrated Camera Enclosure (ICE) pictured below



- Optional single axle trailer for effortless mobility of systems
- Equipment installed and in continuous operation at over 1,000 lanes distributed throughout the world

Portable License Plate Reader System Technology

The Portable License Plate Reader System architecture is open-ended to allow for easy integration of the following components:

- Driver Imaging System – Able to capture an image of driver and passenger at passenger or commercial vehicle height and displays the images alongside license plate images within the Vehicle Inspection System (VIS).
- Scene Camera: Optional scene camera integrated within a single LPR Camera Enclosure (ICE), captures an image of the vehicle and displays within VIS as a single driver transaction.
- Mobile Under Vehicle Inspection System: Creates a high resolution image of the undercarriage of a vehicle, displaying the image within VIS

The Perceptics License Plate Reader technology continues to improve over time. One of the primary benefits associated with the Perceptics technology is the ability to configure components and transfer results and images across the local area network (LAN) via Ethernet communications or wireless devices.



ISO 9001:2008 – Certified Quality Management System
 PLPR0810 for version control
 CE Certified **CE**



Optional single axel trailer with safety gear and generator

Portable License Plate Reader System Architecture

A typical lane of Portable License Plate Reader System configured to read front or rear license plates and consists of:

- One portable vehicle loop sensor and controller
- One stroboscopic illuminator
- Two monochrome imaging heads in a single environmentally controlled LPR enclosure
- Optional scene camera housed within the LPR (ICE) enclosure
- One portable mounting pole and base with leveling jacks
- Power junction box mounted to the pole

Portable License Plate Reader system components are based on a modular design concept that allows for easy exchangeability and expansion in the field. There is no single point of failure, because each lane has operating independence, thus providing redundancy for multiple lane installations.

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