

ELSAG MOBILE PLATE HUNTER® 900 ALPR SYSTEM



THE 8TH GENERATION OF ELSAG MOBILE ALPR IS MORE RELIABLE THAN EVER

ELSAG Mobile Plate Hunter 900 (MPH900) automatic license plate readers (ALPR) are the most advanced available. Law enforcement routinely uses them to aid public safety missions like recovering stolen vehicles and plates, identifying unregistered vehicles, assisting homeland security, finding missing persons, supporting investigations, and much more.

Now engineered with neural networks for all stages of processing for deeper machine learning, the MPH900 captures license plate images and numbers faster and more accurately than ever, while minimizing non-plate reads.

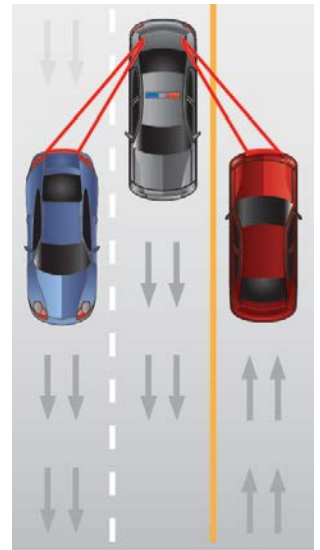
This force-multiplier technology reads and processes license plates 24/7 in any weather across multiple lanes of traffic, alerting officers and the command center in real time when a suspect vehicle is identified. Its performance and deployment flexibility help police more efficiently, find suspect vehicles quickly, and solve cases faster.

Features:

- Components are smaller than its predecessor: Camera 65% smaller; cable 10% smaller; IP52 rated processor box almost 23% smaller
- More accurate OCR for plates from all 50 states
- Leonardo Vision System Software framework provides accurate AI processing
- Latest CMOS sensor technology
- High resolution cameras at 1440 x 1080
- Expansive field of view
- Integrated power conditioning with a configurable delay timer
- Low power consumption at 30w for two cameras
- ROHS compliant (Restriction of Hazardous Substances)

The ELSAG Mobile Plate Hunter 900 in Action

- 1. Image Capture:** Plate reader cameras capture high-resolution images of license plates as vehicles pass by. The cameras may be mounted on stationary objects such as poles, overpasses and buildings, or they may be part of a mobile system installed on a vehicle.
- 2. Character Recognition:** Customized neural networks are used to recognize and extract characters from the license plates and are the basis for the machine learning capabilities used for the perpetual improvement in license plate and character recognition.
- 3. Character Analysis:** Once the characters have been recognized and converted into text, the ALPR system can perform various analyses on the data. This may include checking the license plate against a database of stolen or wanted vehicles, searching for matches to specific license plates of interest related to a crime, or monitoring the movements of suspect vehicles over time.
- 4. Alert and Response:** If the LPR system identifies a license plate that matches hotlist or whitelist criteria or requires further investigation, it generates an alert for law enforcement or security personnel to respond accordingly.



Cameras can also scan in parking lots without a dedicated side camera.

Camera Read

Hotlist or Whitelist Database



000-01T8

Y01-N010

000-01T8

P93-F6L4

400-591T



ELSAG Plate Hunter ALPR Performance

- Cameras read license plates, day or night, in any weather
- Mobile systems process plates on parked and moving vehicles
- Plates are processed at up to 150 mph (241 kph) closing and passing speeds
- Plates are recognized using countrywide OCR Models
- Alerts are sent to officers, command centers and other patrol cars instantaneously, upon identifying a suspect vehicle
- Captured data includes date/time stamps, GPS coordinates, photo of the license plate, and vehicle make, type, and color
- Mobile systems transfer easily from vehicle to vehicle
- Hotlist updates are transmitted to the ELSAG CarSystem as often as needed

For more information:
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