

ALPR SYSTEMS

ELSAG® PLATE HUNTER POLE CAMERA



THE ELSAG POLE CAMERA IS EASY TO DEPLOY AND SUPPORTS REAL-TIME INTERDICTION AND INTEL GATHERING

High above the license plates it reads, the ELSAG Pole Camera identifies suspect vehicles and sends real-time alarms to law enforcement for each one. An all-inclusive system, it hides the cameras, sensor, processing unit and independent power source in cases resembling utility boxes. A weathered patina and warning stickers make the boxes appear old and authentic.

Every license plate read by an ELSAG Pole Camera is instantly compared to law enforcement hotlists. When there is a match, audible and visual alarms broadcast immediately to a command center and to nearby officers for real-time interdiction.

All data collected by the ELSAG Pole Camera can be uploaded to the ELSAG Enterprise Operations Center (ELSAG EOC) data management server and archived for future query and analysis to aid investigations.

Features of the ELSAG Pole Camera:

- Accurately reads license plates 24/7, in any weather, to identify suspect vehicles and alert law enforcement.
- Reads non-structured vanity and specialty plates
- For each license plate read, the system captures a color photo of each vehicle's license plate, vehicle make, type, and color, date and time stamps, GPS coordinates and signifies which pole camera gathered the data
- System is stored in an NEMA utility box with infrared window to protect equipment from elements
- ALPR data can be stored in the ELSAG EOC for analysis to aid investigations
- Custom paint and patina treatments are available

The ELSAG Plate Hunter Pole Camera in Action

- 1. Image Capture:** Plate reader cameras inside the utility case capture high-resolution images of license plates as vehicles pass by.
- 2. Character Recognition:** Customized neural networks are used to recognize and extract characters from the license plate 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 data analyses. 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 ALPR 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.

Camera Read



000-01T8

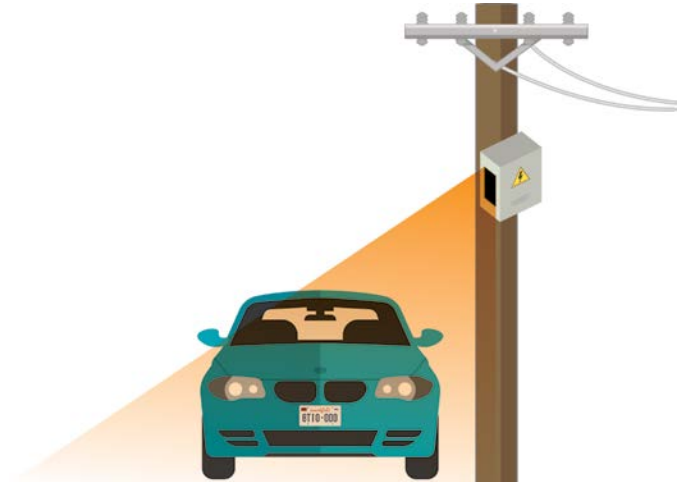
Hotlist or Whitelist Database

Y01-N010

000-01T8

P93-F6L4

400-591T



ELSAG Pole Camera Performance

- Cameras read license plates, day or night, in any weather.
- 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 instantly, upon identifying a suspect vehicle.
- ALPR data can be stored in the ELSAG EOC data management center and queried, to aid investigations.
- Hotlist updates transmit to the system as often as needed.

Other ELSAG Custom solutions include:

- ELSAG Barrel Camera – roadside construction barrel
- ELSAG Toolbox – diamond plate toolbox for pickup truck beds
- ELSAG Cargo Carrier – vehicle rooftop cargo carrier
- ELSAG Radar Trailers and Variable Message Boards – various speed detection trailers outfitted with ALPR systems

For more information:
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