

ELSAG PLATE HUNTER FIXED ALPR SYSTEM



WATCH AREAS OF INTEREST CONSTANTLY WITH THE ELSAG PLATE HUNTER FIXED ALPR SYSTEM

LEONARDO'S ELSAG PLATE HUNTER FIXED ALPR SYSTEM IS THE MOST ACCURATE FIXED (STATIONARY) AUTOMATIC LICENSE PLATE READER (ALPR) AVAILABLE AND CAN BE MOUNTED TO BRIDGES, OVERPASSES AND OTHER STRUCTURES TO CONSTANTLY MONITOR SENSITIVE AREAS. IT IS COMPRISED OF DIGITAL CAMERAS WITH BUILT-IN PROCESSORS, A FIELD CONTROL UNIT (FCU) AND PROPRIETARY SOFTWARE, WHICH CAPTURES IMAGES OF LICENSE PLATES, CROSS-CHECKING EACH WITH HOT LISTS TO IDENTIFY VEHICLES OF INTEREST. ALARMS ARE BROADCAST IN REAL TIME TO A COMMAND CENTER, PATROLLING VEHICLES, AND/OR MOBILE DEVICES, FOR IMMEDIATE REACTION. DATA CAPTURED CAN BE REVIEWED FOR RELEVANT PERIODS OF TIME, AIDING INVESTIGATIONS.

The ELSAG Fixed ALPR system also has the ability to determine a vehicle's speed. Once the speed rate is determined, it is linked only to the license plate of that specific vehicle. Speed data can be used to create analytical tools that provide valuable traffic statistics, identify traffic patterns, and automatically detect real-time traffic anomalies, such as jams, stationary vehicles on open traffic lanes, and many other dangerous occurrences.

FEATURES

- Components include camera, sensor, infrared light system, and processing unit
- Reads plates day or night, in any weather, capturing the license plate number, photo of the plate and surrounding area, GPS coordinates, and date/time stamps
- Data collected for each read can be transferred to a storage server, the ELSAG Enterprise Operations Center™, for future analysis to aid investigations

THE ELSAG FIELD CONTROL UNIT CONCEALS FIXED SYSTEM COMPONENTS

The ELSAG Plate Hunter Fixed ALPR system includes a Field Control Unit, the ELSAG FCU, which is an IP65 case that houses many components of this compact, digital system. Using the FCU makes the entire fixed system resemble a standard outdoor video surveillance camera, disguising its automatic license plate recognition performance.

The FCU utility box is made of heavy duty aluminum and houses a high powered ruggedized PC, surge and power management devices, as well as a high tolerance heater and fan to maintain appropriate temperature ranges for wireless and computer operations.

