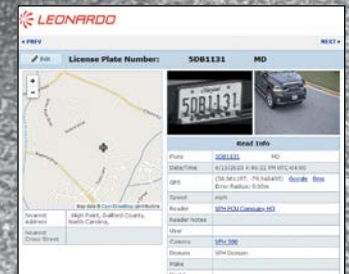


ALPR SYSTEMS

ELSAG VIDEO PLATE HUNTER™ 900 FOR LAW ENFORCEMENT



START OR EXPAND YOUR ELSAG ALPR NETWORK WITH OUR LOW-COST VPH900™ SOLUTION

The ELSAG Video Plate Hunter 900 (VPH900) is a low-cost law enforcement technology solution that provides the benefits of automatic license plate readers (ALPR) using select low-cost IP cameras.

Whether your agency wants to expand an existing network of ALPR cameras or start an ALPR program from scratch, the ELSAG VPH900 system will provide you tools for success, fitting any budget.

The ELSAG VPH900 is ideal for:

- Surveillance in high-crime districts or other areas of concern
- Perimeter security of vulnerable areas such as schools and universities, military bases, utilities infrastructure and casinos
- Access control for plants, municipal buildings and parking areas

Let Our Team Work with You to Design the Best Solution to Meet the Needs of Your Mission

The ELSAG VPH900 uses a software solution to convert image and video clips from select IP cameras into usable data that identifies the license plate number and creates a record that includes date, time, and location. These records can be automatically loaded and archived in the ELSAG Enterprise Operations Center (ELSAG EOC) data management system which has been selected by some of the world's largest police departments for its robust analytical capabilities. Plate numbers can be automatically compared to hotlists or whitelists to identify vehicles and generate alarms in real time.

For every plate read by a VPH900 camera, the system documents the license plate number, photos of the license plate itself, the make, type and color of the vehicle, plus date and time stamps.





System Performance Specifications

To receive the most accurate data from the ELSAG VPH900:

- We offer digital cameras optimized for performance.
- If you already have IP cameras, we offer simulator evaluations to determine if they produce images of acceptable quality and if they can be aimed to capture a plate properly.
- The systems are delivered with our world-class, high-performing ELSAG Optical Character Recognition (OCR) engine, developed and refined for over 25 years, to meet standards law enforcement demands.
- The VPH900 includes our supercharged ELSAG EOC, developed in partnership with some of the world's leading law enforcement agencies for advanced analytical capabilities.

ELSAG VPH900 Solution

We take the guesswork out of identifying the proper IP camera to use in your VPH900 solution. While a variety of IP cameras will work, including ones you might already own, we have selected IP cameras with various capability levels and price points to deliver a full turnkey solution. The camera selection will be based on the intended use case and environmental factors like light conditions and mounting distance. Along with the selected camera, the solution includes all the necessary components to efficiently and effectively deploy the system.

The Force Multiplier

The ELSAG VPH900 is an affordable force multiplier. By deploying it, you're adding another pair of eyes to your organization's mission. The ELSAG VPH900 can scan hundreds of license plates in the same amount of time it takes a human to scan just a few. It instantly compares them to hotlists or whitelists and sends real-time alerts to officers in the field.

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Edit License Plate Number: **5DB1131 MD**

Map data © OpenStreetMap contributors

Nearest Address: High Point, Guilford County, North Carolina

Nearest Cross Street:

Read Info	
Plate	5DB1131 MD
Date/Time	6/15/2020 4:46:21 PM UTC-04:00
GPS	(36.061197, -79.948405) Google Bing Error Radius: 0.00m
Speed	mph
Reader	VPH FCU Company HQ
Reader Notes	
User	
Camera	VPH 300
Domain	VPH Domain
Make	
Model	

The ELSAG EOC Helps You Manage Your ALPR Data to Solve Cases Faster

All VPH900 ALPR data can be stored in the ELSAG EOC server and archived for future queries and analysis. In-depth query filters for plate numbers, vehicle type, color, locations, date ranges and more, return results that can help you identify vehicles of interest quickly, to aid investigations. The ELSAG EOC has been developed in partnership with major law enforcement agencies around the world who rely on it every day. It is the premier analytical tool in the ALPR industry.

Which IP Cameras Best Suit Your Law Enforcement Missions?

The VPH900 works with a variety of IP cameras and may be compatible with cameras you already have in use. If not, our packages, which include the camera and software, take the guesswork out of identifying the solution that best fits your needs. All it takes is a consultation with a Leonardo VPH900 specialist. The camera selection is based on the intended use and environmental factors such as light conditions and mounting distance.

Camera Performance Recommendations

To receive the most accurate information from the ELSAG VPH900 system:

- Use mid-to-high quality digital cameras optimized for nighttime performance.
- Image format for digital photo cameras is JPEG. Image format for digital video cameras can be MPEG4, H.264 or H.265.
- Image resolution can be as low as 640 x 480 pixels, but higher resolutions are recommended.
- The VPH900 can read license plates from black and white or color images possessing good contrast.
- Aim cameras toward license plates and set up to zoom in on that area in a manner that will deliver a license plate image of approximately 100 x 50 pixels. Leonardo has a simulator to test video samples for quality.

How the ELSAG VPH900 Works

- As the selected IP cameras record passing vehicles, the ELSAG VPH900 software generates data for each vehicle, such as still photos, the license plate number, date and time stamps, and the identification of the camera capturing the video.
- In real time, license plate numbers are automatically compared to hotlists to identify suspect vehicles, or to whitelists to validate permitted ones.
- When paired with the ELSAG Enterprise Operations Center (EOC), a variety of investigative and statistical analysis can be performed in real time.



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