

ELSAG®

VIDEO PLATE HUNTER 900



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

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

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

The ELSAG VPH900 helps law enforcement identify suspect vehicles by creating data records from video and digital photos of license plates:

1. A color overview image of the vehicle
2. A black and white close-up image of the license plate
3. Alpha-numeric character translation from the plate image
4. Date, time and GPS location

At the time of each read, the license plate number is automatically compared to hot or white lists to identify suspect vehicles. If the ELSAG VPH900 is networked to the ELSAG CarSystem or an ELSAG Enterprise Operations Center (EOC) data management server, suspect vehicles identified will generate visual and audible alarms that broadcast in real time to a command center or nearby officers. If not networked then the images can be post-processed to generate the data records.

[Request More Info Here](#)



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 bundled 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.

Subscription plans start at just \$315 per month.

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 hot lists to identify suspect vehicles, or to white lists 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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