

ELSAG® VPH900 FOR PERIMETER SECURITY



GET THE BENEFITS OF ALPR PERIMETER SECURITY WITHOUT USING ALPR CAMERAS

Leonardo's ELSAG® Video Plate Hunter 900 (VPH900) is a perimeter security solution that enables you to get the benefits of automatic plate reader technology using your own standard IP cameras. The ELSAG VPH900 solution allows you to capture more vehicle information than you are getting from your IP cameras now, allowing you to identify suspect vehicles faster and investigate security issues easier.

The ELSAG VPH900 is an ideal perimeter security solution for business enterprises and law enforcement focused on securing buildings and campuses such as universities, hospitals and healthcare complexes, casinos, hotels, government compounds and any other critical areas or infrastructure.

How the ELSAG® VPH900 Works

- › As your video cameras record passing vehicles, the ELSAG VPH900 software extrapolates 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 CarSystem or Enterprise Operations Center software, the VPH900 will generate real-time alarms when suspect vehicles are identified, enabling immediate investigation.
- › If you opt not to connect your ELSAG VPH900 system to the ELSAG software stated above, you can still review images and data and store that information for future access and analysis to aid investigations.

Camera Performance Recommendations

The ELSAG® VPH900 integrates ELSAG automatic license plate reader capabilities with the video surveillance of common IP cameras, increasing the effectiveness of your security system. 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.
- › Overall image resolution can be as low as 640 x 480 pixels, but higher resolutions are recommended.



Easy to Set Up

- › Use your existing IP cameras or install new ones based on the recommendations above. Integrate the ELSAG VPH900 software with your cameras.
- › 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.
- › The ELSAG VPH900 can read license plates from black and white or color images possessing good contrast.
- › Leonardo has a simulator to test video samples to determine if the quality is acceptable.



The screenshot shows the ELSAG OPERATIONS CENTER interface. At the top, it displays the ELSAG logo and the LEONARDO logo. Below the logos, there are navigation buttons for 'PREV' and 'NEXT'. The main content area shows the license plate number 'ZXB7706' and the state 'NC'. A map is displayed on the left, with a red crosshair indicating the location. On the right, there is a thumbnail image of the license plate. Below the map and thumbnail, there is a 'Read Info' table with the following data:

Read Info	
Plate	ZXB7706 NC
Date/Time	3/10/2014 12:07:51 PM UTC-04:00
GPS	(35.029753, -79.794924) Google Bing
Reader	VPH900
User	
Camera	BASLER
Domain	Fixed Sites

At the bottom left of the interface, there is a table with the following information:

Nearest Address	196 Creek Ridge Rd Greensboro, North Carolina 27406
Nearest Cross Street	

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