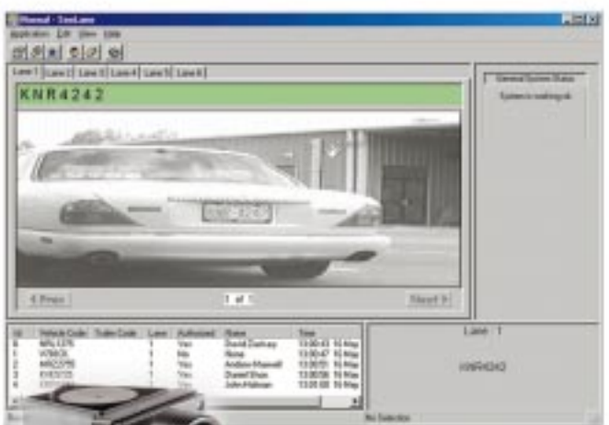
A Fully-Integrated Multi-Lane LPR System



SeeLane is a sophisticated vision-based License Plate Recognition system that tracks and identifies number plates on vehicles travelling at low to medium speeds. SeeLane can handle up to 6 traffic lanes on a single standard PC system, thereby simplifying the installation and reducing the system costs.

The SeeLane application can run as a stand-alone system or as a background application, reporting the recognition results to the user's client application.

The SeeLane LPR system includes hardware and software, as well as the hardware interface which manages and controls the cameras, illumination units, frame grabber, and I/O card.

The hardware components, including the proprietary integrated camera/illumination units, are designed and manufactured to the specific demands of the SeeLane system, thereby providing optimal performance and reliability. The peripheral hardware components are also specially selected and configured to enable simple "plug and play" installation of the complete system.

The software components include three levels: SeeCar DLL Recognition Engine, SeeLane Windows Application and Client Interface program. The Client Interface program is supplied in source code to enable client customization for a wide range of specific applications. The application has configurable settings for versatile application configurations, including option to recompile the man-machine interface resources for language adaptations.

Typical Applications:
Parking Systems, Access Control, Toll Roads, Border Control, Security, Logistics and Automation.

HI-TECH solutions

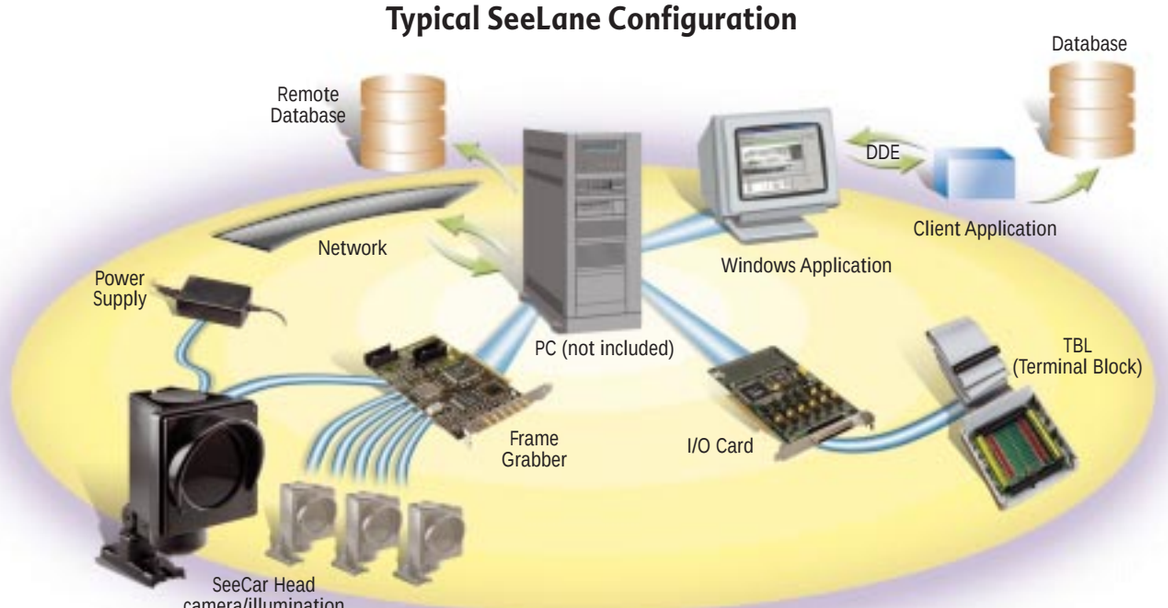
Features:

- Image Capture: Capture and illumination profiles are optimized for each event
- Identification: analyzes the images, detects the plate, recognizes the plate number, and verifies the results.
- Authorized vehicle list management: add/find/edit/delete
- Images: can save images of vehicle or driver face (optional); images are stored as BMP or compressed JPG files
- Display: displays last "best" image per lane, lists a history of recognition results and system status
- Interface: reports results using inter-application DDE messages for logging and further processing
- Communication: a flexible formatted string that can be transmitted on RS232 for serial interface

Performance (typical):

- Recognition speed - 2-3 vehicles per second
- Vehicle traffic speeds: up to 80 KMH (50 MPH)
- Field of view with standard lens - lane width 2.5 meters (European type plates) or 1.7 meters (USA plate)
- Detection ranges with standard lens- 2.0 -to 5.5 meters
- Other Detection ranges: available upon request
- Number of lanes per system: 1-6
- Multiple cameras can be monitored on single lane for increased reliability
- Maximum distance between camera unit and PC station: 75 meters
- Continuous operation, day and night, including adverse weather conditions

Typical SeeLane Configuration



HI-TECH solutions

Ramat Gabriel Industrial Park, P.O.Box 133, Migdal HaEmek 10500, Israel
Tel: +972-4-644-0440, **Fax:** +972-4-644-1870, **Email:** info@htsol.com **WebSite:** www.htsol.com