

Features

- A proven ALPR (Automatic License Plate Reader) solution in use throughout the world
- Can be configured to read plates from most any locale in the world
- Provides accurate ALPR results in real-time, typically 250msec or less
- Operates with hardware or software triggers or automatically determines license plate presence using Virtual Vehicle Detection (VVD)
- Open system architecture plus a wide range of communication protocols simplifies integration with existing back office or access control applications

InSignia is a highly evolved License Plate Recognition solution that answers the most demanding needs for vehicle identification.

InSignia is the acknowledged software solution for identifying vehicles by reading their license plates. InSignia is known to consistently provide accurate ALPR results over a wide range of vehicle speeds in all lighting conditions and through the most challenging weather conditions.

This real time technology comprises a proprietary set of algorithms developed over the course of 15 years with the sole purpose of reading license plate

The INEX/ZAMIR software runs automatically eliminating the requirement of any action by the user. This is just one reason it is the best choice for standalone solutions such as access control, parking revenue management, open road tolling, surveillance and a host of other applications. An open architecture allows it to be tailored to work with existing back office programs or most any application needs.

Contact INEX/ZAMIR today to discuss your specific product needs.

InSignia Modules

Event Handler	Image handling and ALPR processing
Device Manager	Configuration tool
Sav-Pic-Pro	Camera set-up tool
Data Editor	UI for editing vehicle information
Data Viewer	UI for viewing central Journal

Image Processing

Processing rate	User configurable – up to 60 images per second
Processing speed	Less than 250 msec from image capture to ALPR result
Pre and post image processing	User configurable buffer size of up to 20 images.

Camera Config.

# ALPR per lane	Up to 4 cameras
# of Overview cameras per lane	Up to 2 cameras
Formats	CCIR (PAL) or EIA (NTSC)
Type	Analog – ALPR and Overview TCP/IP (megapixel) - Overview

Image Capture

External Trigger Source	RS232 input Video marking (proprietary) TCP/IP
Internal Trigger Source	Virtual Vehicle Detection

Communication Protocols

TCP/IP – fixed field	SOP protocol
TCP/IP – tagged field	ZAP XML protocol
RS232 – fixed field	SOP protocol
Proprietary schemes	Customer development

Journaling (Data Recording)

Database	MS Access
Local Journal	Stores on DPU
Central Journal	User configurable – store on central location.
Data stored	ALPR result, confidence, date, time, unique event ID, lane identifiers, camera identifier, vehicle information (if configured)

Monitoring Tools

ZEB Monitor	Live view of video streams and realtime ALPR results
Journal Monitor	View of ALPR event data and associated images; updated on each event
Protocol Monitors	Live view of sent / received messages for communication protocols
UIC Monitor	Status monitor for relay activity

OS Requirements

Windows XP Service Pack 2

Data subject to change without notice