

License Plate Recognizer



Overview

License Plate Recognizer is an intelligent and powerful License Plate detection, recognition and search solution. It has high accuracy and works with various camera types and archived video.

License Plate Recognizer provides the following capabilities:

- 1: Detect License Plates
- 2: Recognize characters on License Plates
- 3: Search for similar License Plates
- 4: Search for similar plates across multiple cameras.
- 5: Compare against Watch List database to detect any matches
- 6: Real-time alerts on Plate matches.
- 7: Detailed Reports.

Benefits

License Plate Recognizer offers many benefits:

- Detect, Recognize and Search License Plates. Vehicle monitoring is a large part of outdoor security & surveillance.
- Enables security professionals to shortlist, target, and identify "wanted" plates.
- Allows users to track vehicles across multiple cameras or locations to identify potential threats.
- Enables automated matching against a watch list with real time alerting
- Records and logs all License Plates at a scene, for forensic investigations.
- Improves security. Increases productivity and efficiency of security professionals.



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Features

License Plate Recognizer has powerful and flexible features:

- Detect License Plates (20-50% of video width. +/- 10 deg angle)
- Recognize License Plates . (Plates +/- 10 deg angles. Good contrast of plate and its numbers.)
- Watch list to save and match in real time
- Alert on watch list matches
- *Input:* Analog, Digital, Network/IP Cameras Works with Color, B/W and IR cameras.
- Log/save License Plates on detection
- Search by similar License Plates



Hardware Specifications

License Plate Recognizer is available as a full solution or, software only.

Full Solution (Hardware and Software)

1. **Rackmount Server.** This is provided on a 1U or 2U Rackmount server with pre-installed software. Customers can add cameras and monitors of their choice to deploy the system. System requirements:

- Standard Pentium PC (1 channel)
- Dual-Core Xeon (4 channel)
- Dual-Core Dual Processor (8 Channel)
- 1-2GB memory
- 120-240 GB Hard disk, based on channels
- 1G Ethernet
- Windows XP OS

Software Only:

2. **License Plate Recognizer Software.** This full application software only product can be purchased and deployed on most PC based servers.

External System Integration:

3. **Software (API/SDK).** This option is available for OEMs that would like to embed License Plate Recognition into their own video management software, DVR, NVR or other application. We provide C++, Open Architecture and XML based API/ADK integration.

Applications

License Plate Recognizer can be used for:

- Enterprise and commercial security
- Entertainment, Casinos and Gaming
- Schools and Educational institutions.
- Urban and Public area monitoring
- Law Enforcement & Transportation
- Financial Institutions and Banks
- Retail market
- Airport, Ports, Maritime and Govt institutions.

About IntelliVision

IntelliVision is the leader in "Video Intelligence and Automated Monitoring" solutions for Security & Surveillance markets. Our products have been successfully deployed at several Government and Enterprise customers providing high reliability and running 24/7/365. IntelliVision is headquartered in USA with offices in Europe & Asia.

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