Software-based Automatic License Plate Recognition (ALPR) Solution

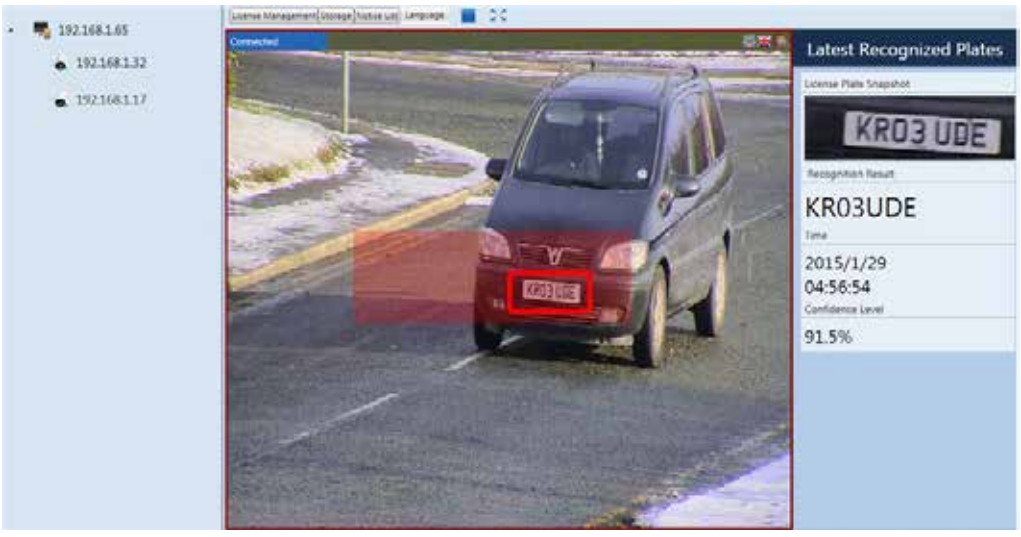
- Concurrent analysis of up to 2 / 4 channels
- One region of interest per channel
- Searching and filtering based on time and plate number
- Convenient plate numbering searching
- Analysis for live and pre-recorded videos

PLANET CV7-LP series (CV7-LP2 / CV7-LP4) is a video analytics software designed to detect and recognize vehicle license plates. This software is able to automatically locate and read license plates appearing in a certain area, and match this data against the database. It provides efficiency in parking and traffic control, as well as law enforcement.

With the CV7-LP, you can easily cross-check if a vehicle that is passing through the parking gate or parked in the designated space matches its parking permit. Moreover, law enforcement officers can effortlessly identify suspicious vehicles by matching the license plate with its database.

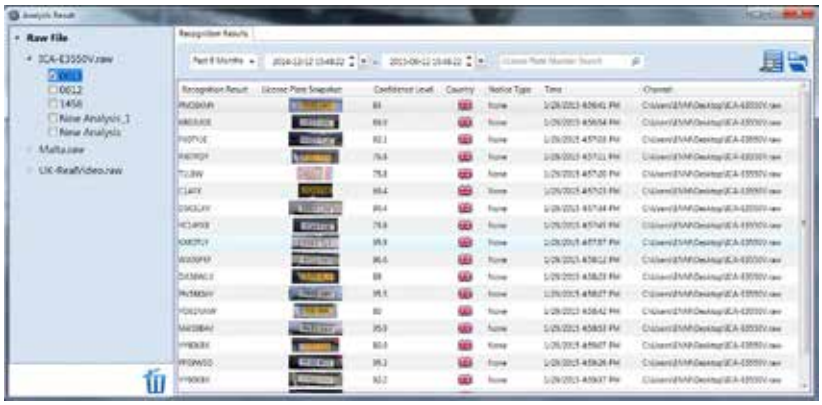
Video Analysis

The CV7-LP provides analysis for live and pre-recorded videos. It is able to analyze live videos from cameras and the NVR-E6480 directly or recorded raw files. In addition, it can also analyze playback videos from the NVR-E6480. Owing to this, the CV7-LP software provides more flexibility and efficiency for surveillance applications.



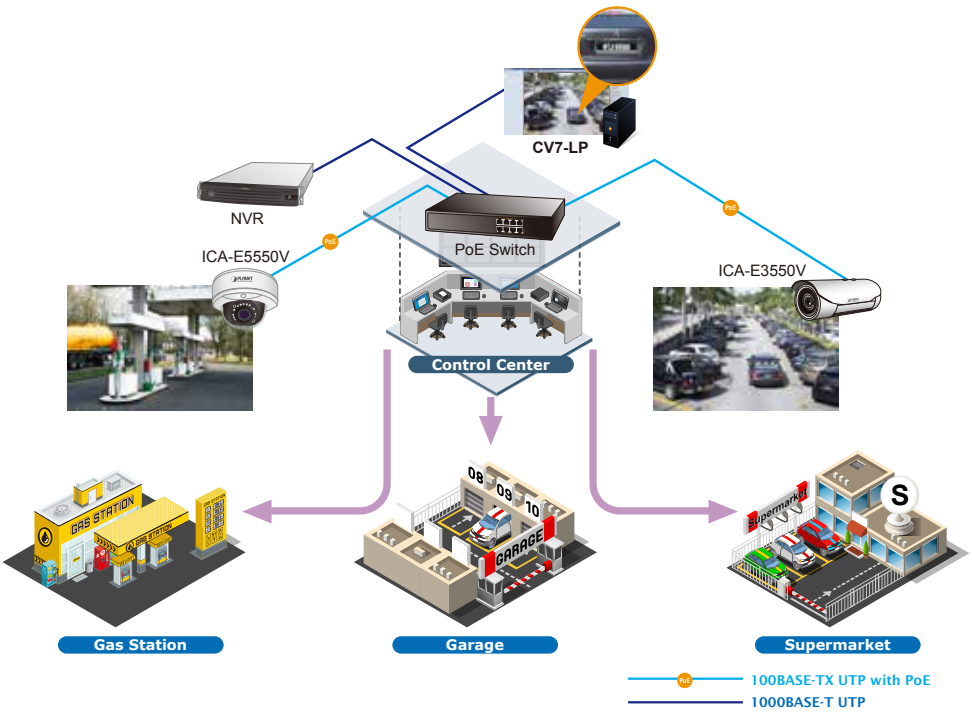
Advanced Search and Filter

After running the ALPR algorithm, the next logical step would be to look at what license plates have been recognized. To browse the results, users can use the Search Analysis Result function of the CV7-LP. Users are also able to use the options presented in the Analysis Result Filter area to filter by time period and plate number.



Applications

The CV7-LP is an intellegent and efficient ALPR (**A**utomatic **L**icense **P**late **R**ecognition) software. With PLANET ICA-E IP camera series, it can recognize vehicle license plates and be deployed in parking lots, community gates, and even gas stations. When the live stream recorded from the cameras goes to the NVR-E6480, the server then send the video footage out to the ALPR server to be analyzed and reviewed. Likewise, the ALPR server can also analyze video directly fed from a camera, without the involvement of an NVR.



Specifications

Model	CV7-LP2, CV7-LP4
Video	
Max. Channels	2 / 4
Compression	H.264 / MPEG-4 / M-JPEG
Camera Resolution	Up to 10 mega-pixels
Analyzed Stream	Live view and pre-recorded video from PLANET ICA-E IP camera series and NVR-E6480
Algorithm	License plate recognition
Max. Number of Algorithms	1 algorithm per channel
Recognition rate	Recognition rate will be affected by environment factors such as camera placement, vehicle speed and parameter setting
Recording	
Event Recording	Record video with user defined rule from live view or recording from NVR server
Pre-event Recording	1~300 seconds
Post-event Recording	1~300 seconds
Search & Playback	
Recording Search	Search video recordings by time, analytic rule and channel, and display the result with click-to-play snapshots
Playback Control	Pause; Stop
Time Filter	Yes
Plate Numbering Searching	Yes
Video Export	Export video clips in raw format
System	
Language	English, Traditional Chinese
Display Resolution	Minimum 1024 x 768
Hardware Requirements	
CPU	Intel Core i7-920 2.67 GHZ, 4GB RAM or above recommended
Operating System	32/64-bit: Windows 7, Windows 8 64-bit: Windows Server 2008 R2, Windows Web Server 2008 R2, Windows Server 2012 R2
Network	Gigabit Ethernet 1000BASE-T recommended

Ordering Information

CV7-LP2	2-Channel Cam Viewer E-series for Automatic License Plate Recognition
CV7-LP4	4-Channel Cam Viewer E-series for Automatic License Plate Recognition

Related Products

CV7-VA Series	4/9-Channel Cam Viewer E-series for Intelligent Management
ICA-E3550V	5 Mega-pixel Bullet IR PoE IP Camera with Extended Support
ICA-E5550V	5 Mega-pixel Vandalproof IR PoE IP Camera with Extended Support

PLANET Technology Corporation

11F., No.96, Minquan Rd., Xindian Dist., New Taipei City 231, Taiwan (R.O.C.)

Tel: 886-2-2219-9518 Fax: 886-2-2219-9528

Email: sales@planet.com.tw www.planet.com.tw