

X-LPR

X-LPR, Traffic Management Technology for intelligent transportation systems (ITS). Vehicle identifying with high-accuracy deep neural network process for Detection, Recognition, and Classification. LPR system application apply for security system, information, and other. Integration with PSIM software will enable smart integration of CCTV system.

X-LPR Computer vision

Computer Vision Solution and image processing for parking, tolling, security and safe city. Security Enforcement Parking solution with ROI virtual loop processing for parking management and security.

Deep learning technology

Thai License plate recognition with new technology: AI-Deep Learning-based and LPR engine achieving.



X-LPR Core System :system processing streaming from CCTV camera or VDO file .

Product Detail:

- X-LPR system process source from CCTV camera streaming (RTSP streaming) or SDK integration.
- Support IP camera and Analog camera with VDO capture card.
- LPR system capture vehicle source data for process image with virtual loop or auto plate detection.
- LPR system process plate detection in front and rear of vehicle.
- LPR system is able to detect the license plate (Day and Night), then convert to text and index code data for database.
- System process data immediately when the plate is detected.
- System support MySQL, MS SQL Database.
- Support 4 streaming process and overview 4 streaming for 1 node CPU i7 process.
- Live view display
- Record Database and Data management

- Record image and text (Numerical, ASCII characters, Province)
- Record vehicle information binding data (Data time, Location, Counting, Plate Image, Image Overview)
- Record index at 200,000 information or over 20-30 day in database at 4TB HDD storage. (Jpeg, Png File)
- Record more than 1 rear view of license plate per car.
- Overwrite data when HDD is full and managing file or data. (include notify user or admin)
- Able to identify Watch-list and Blacklist, then notify user or admin.
- Able to Backup Data to External HDD, CD/DVD and Restore.
- Provide Web Service for Application interface.



- **Search and Report**

- Support Search and Report by date, time or mixed conditions.
- Support Search and Report by period
- Able to retrieve data by using full or partial information.
- Provide daily and monthly report.
- Search data or information from Blacklist or Watch-list.
- Able to export file in PDF or Excel.

- **Database center for data center (Detail)**

- Username and Password or Session for protected data and access rights data information. Record license plate image, vehicle image, and image overview.

