<https://towardsdatascience.com/automatic-license-plate-detection-recognition-using-deep-learning-624def07eaaf>

<https://github.com/GuiltyNeuron/ANPR>

<https://www.codespeedy.com/license-plate-recognition-using-opencv-in-python/>

<https://github.com/sergiomsilva/alpr-unconstrained>

<http://www.sensorlink.com.my/license-plate-recognition/>

**License Plate Recognition** also known as LPR is a technology where characters from video footage are automatically recognized and recorded for security & traffic analysis purpose. In this case, every vehicle license plate that got captured by the camera set up are processed by a series of pre-programmed algorithms that are tasked to recognize and generate alpha numerical data from the license plate images into text entry. Today the technology has improved largely with the advancement in its algorithm research allowing the technology to be deployed in many different areas such as:

• Customs and immigration border control management

• Carparks in high rise and gated residential parcel, commercial buildings and shopping malls

• Street or highways to monitor vehicles

**LPR Application**

How does an organization operation benefits from the LPR system effectively? The system records every vehicle registration plate automatically with high accuracy which allows smooth traffic flow which greatly improves visitor experience. A **black list of vehicle registration** number can be set to alarm security team for faster respond, similarly a **VIP white list numbers** can be set for special occasional planning. Separately the marketing team can utilize the analytical reports generated from the system for statistics and analysis purpose.

**Key Features**

A complete LPR system is fully automated in collecting registration plate information of every car it is able to capture. The system generate **accurate reports** and allows **real time monitoring** where by inquiry can be made from the system in case of any emergency situation requires it. In addition, the system can **identify lists of registration numbers** that can be pre-set to alert security team to increase efficiency in preventive responds.

The latest LPR system is not just able to perform well in day time on moving cars and check point barrier but even in difficult environment conditions such as during the night time, rainy period, and foggy situation.

<https://www.youtube.com/watch?v=fJcl6Gw1D8k>

<https://github.com/MicrocontrollersAndMore/OpenCV_3_License_Plate_Recognition_Python>

<https://www.youtube.com/watch?v=AifDb8oG8Kc> \*\*\*

<https://www.youtube.com/watch?v=nmDiZGx5mqU&t=270s>

<https://aihubprojects.com/real-time-number-plate-recognition-system/>

<https://github.com/vladbidyuk/Radar>

<https://jkjung-avt.github.io/openalpr-on-tx2/>

<https://github.com/semih/OpenCV_3_License_Plate_Recognition_Python>

<https://github.com/n8886919/YOLO>

[https://github.com/JunshengFu/vehicle-detection#2-dependencies--my-environment](https://github.com/JunshengFu/vehicle-detection" \l "2-dependencies--my-environment)

<https://medium.com/@theophilebuyssens/license-plate-recognition-using-opencv-yolo-and-keras-f5bfe03afc65>