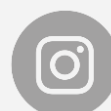# AI-LPR

## License Plate Detection and Recognition

# AI-LPR

**AI-LPR** is a video analytics app that utilises an advanced artificial intelligence algorithm to perform license plate detection and recognition. Thanks to the use of an innovative engine based on semantic technologies, it also enables automatic correction of license plates based on the specific nationality of the plate (*).

The solution can detect vehicles up to a maximum speed of 230 km/h (depending on the chosen hardware platform) and can be used both indoors (e.g. for monitoring car parks) and outdoors (e.g. for monitoring city streets).

* Countries for which the semantic engine is currently available: Italy, France, Spain, Greece



**A.I. Tech**
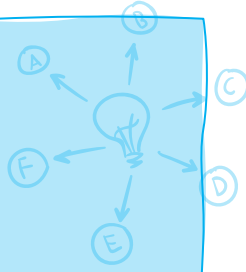The Vision of the future. Now.

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**AI-LPR** is a video analytics solution designed to meet the demands of licence plate reading. The application has various usage scenarios.

The first is in car park management, as it is a fundamental tool for managing black and white lists, or even simply for associating number plates with parking tickets.

**AI-LPR** can also be a valid support in logistics, detecting the number plates of the various vehicles entering a port, a factory or a landfill site. At the same time, the application is also very useful in city scenarios. In fact, thanks to its ability to detect number plates at speeds of up to 230 km/h, it can be used to detect access to restricted traffic areas or access to reserved lanes.

**AI** Tech **A.I. Tech**
The Vision of the future. Now.

# AI-LPR

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## ARCHITECTURE
## Where can we install the app?

The detailed list of specific compatible platforms can be reached via the link on the right.

Edge    Embedded    Server

## INTEGRATION

## Where can we notify the events generated by the app?

Events can be sent to external servers using over 20 different mechanisms, which include third-party VMSs, standard protocols (such as HTTP, FTP, MODBUS and MQTT) and also A.I. Tech proprietary protocols, which allow the notification of events to the dashboards of A.I. Tech. More information via the link on the right.