LECTOR VISION

VISION OUTSIDE THE BOX

ABOUT US

Lector Vision develops integral solutions of artificial vision, both software and hardware, applied to vehicle control. We are experts in Automatic License Plate Reading, Optical Character Recognition (OCR), High Performance Video Analytics and Specific Electronics for image capture.

We have more than 20 years' experience in the development of neural networks, specific algorithms in "Deep Learning" techniques and in the design of electronics and optoelectronics for ITS applications.

- We develop our own OCR Engine
- We design our own hardware solutions
- We manufacture with total Lector Vision quality



SOFTWARE

LECTOR ENGINE

Our OCR engine, 100% developed by Lector Vision, is designed to ease its integration into complex ITS projects, security, access control, logistics or parking management.

- Fully adaptable to all countries
- Developed with artificial vision algorithms, neural networks
 of our own design and Deep Learning techniques
- Recognize all types of license plates, regardless of background color or characters, whether reflective or not and the number of lines they contain
- Compatible with most cameras on the market
- Adaptable to different HW platforms
- Compatible with multiple programming languages
 - Available for Linux, Windows and Android Operating Systems



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PARKING

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Is an "All in One" automatic number plate recognition system for car park access, tolls and access control. Fully factory preconfigured to ease installation and commissioning in addition to the Lector Vision Engine Software.

New generation of "All-In-One" devices. Dual sensor for capturing black/white and color images simultaneously with motorized lenses. Fully controllable from the web. Includes lifetime license of the Plate Recognition Lector Engine[®].



Is a management application to control public car park access in which also exist a management system through tickets. It is based on web technology; this means that it is accessed through a Web browser. It allows vehicles accesss control, incidents management and generate reports among other functionalities.

Parking Manager is our License Plate Reading Software for car parks. It allows obtaining real-time information on several car parks, system performance data and generating alerts for malfunctions, as well as creating customized reports and statistics.





TRAFFIC =Y=

Is an "All in One" automatic number plate recognition system designed to control up to two lanes of circulation. It integrates into a single device the camera, the illumination, the processor, the power supply and the Ethernet communications in addition to the Lector Engine Software. Designed for traffic flows management in motorways, freeways, roads and urban environments or, overall, any type of roads which requires reliable and robust equipment. It allows to obtain traveling times, origin-destination patterns or access control to restricted areas.



Based on Artificial Vision, helps to avoid vehicle's Red Light Crossing by automatically detecting vehicles which do not stop at them. It is an automatic system integrated into a single device which include two cameras (B/W and color), CPU, and infrared illumination.

TRAFFIC GUARD

Non-intrusive traffic data software based on Artificial Vision. It allows vehicles counting and classifying, speed control and generating alerts among other functionalities.

Traffic Manager is our Control Center application for traffic evolution monitoring, incident management, detecting anomalies and visualize traffic control cameras. It allows intelligent real-time storage and analysis of data collected by different sensors. It works with "Deep Learning" and "Big Data" tools that enable predictive models that cover the current needs of the infrastructure managers of Smart Cities.



MOBILITY

The first Smart Glasses with OCR engine for License Plate Reading.



Automatic License Plate Reading Software for Smartphone, ready to integrate into regulated parking control and security solutions.



EMBEDDED SYSTEM

Complete License Plate Reading Solutions to be installed in a vehicle, from one to eight cameras controlled by a Tablet PC with GPS and integrated communications,

designed for police control, and the management of regulated parking.

