Lector Vision.

Technology that sees, understands and improves the mobility of tomorrow.

Lector Vision designs, develops and markets artificial vision solutions for smart mobility, traffic management, road safety, access control and smart cities. With over 25 years of sector experience, we build our own technology to capture, analyse and manage vehicle data in real time.

Our offer goes beyond traditional OCR/ANPR recognition. We integrate advanced analytics for vehicle identification, make and model classification, colour recognition, speed enforcement, section control, red light detection, HOV lane management, axle counting, low emission zone control, smart parking, restricted access and environmental monitoring.

Products and solutions.

SmartSensor and ITS

Artificial vision solutions for traffic control, license plate reading, vehicle classification, speed detection, traffic direction analysis, journey time measurement and restricted area access management.

Enforcement and road safety

Systems for red light enforcement, section speed control, unauthorised access detection and evidence capture, supporting safer roads and more effective traffic management. This range includes our **Red Light** and **Speed Section Control** solutions.

Low emission zones and smart cities

Technology for urban access control, vehicle identification, restriction automation, and mobility data management, supporting local authorities and operators in delivering sustainable city strategies and LEZ compliance.

HOV and Axle

Advanced lane management and vehicle classification solutions. HOV verifies vehicle occupancy by combining number plate identification with passenger compartment analysis. Axle provides vision-based axle counting and vehicle passage traceability.

Onboard LPR

On-board number plate recognition systems for vehicles and motorcycles, designed for regulated parking, mobile surveillance, road safety and operational control on public roads. Our systems read and record license plates from stationary or moving vehicles and query databases in real time.

This range includes **ControlCar EVO, ControlBike** and **ControlCar Mini**, adapting to different deployment needs:

1. **ControlCar EVO**: Vehicle-mounted system for reading plates of parked or moving vehicles, enforcing restricted areas, detecting violations and querying data in real time.
1. **ControlBike**: Motorcycle-mounted solution designed for narrow streets, high-density urban environments and areas where conventional vehicles cannot operate, allowing agile parking and enforcement control on the move.
1. **ControlCar Mini**: A compact, portable number plate reader built for rapid installation, mobile deployments and operations that require a lightweight system that can move easily between vehicles or locations.

Cube EVO

An all-in-one system for parking and access control with embedded ANPR software and real-time monitoring of vehicle arrivals and departures, without the need for barriers.

TotalVision

A comprehensive intelligent access solution for car parks that brings together multiple vehicle analysis capabilities in a single system: automatic number plate recognition (ANPR), vehicle occupancy detection (HOV) and make and model classification (MMR), giving operators a more complete picture of every vehicle movement.

Air Quality Sensor

An environmental sensor that monitors air quality and related variables, complementing smart mobility and LEZ projects with the sustainability data that urban operators and local authorities need.

What our solutions deliver

Our solutions help improve operational efficiency, reduce management times and automate processes related to mobility, traffic, parking and access control.

Main benefits:

- Real-time vehicle identification, monitoring and data analytics.
- Improved road safety through advanced enforcement technologies.
- Support for Low Emission Zone (LEZ) management and sustainable mobility initiatives.

- Automated access, parking and restricted-area control.
- Greater operational efficiency in regulated parking enforcement.
- Seamless integration of traffic, vehicle and environmental data streams.
- Highly scalable solutions tailored to diverse urban and interurban mobility environments.

What we bring to the table

At Lector Vision, we deliver comprehensive smart mobility solutions that combine computer vision, advanced vehicle analytics, automatic number plate recognition (ANPR), intelligent sensors and integrated control platforms.

Our end-to-end approach covers the entire value chain, from data capture and processing to analysis, management and integration with third-party systems. This enables public authorities, mobility operators, car park managers and road infrastructure providers to access reliable real-time information, helping them optimise traffic management, enhance road safety, automate operations and support the transition towards more efficient and sustainable urban environments.

Powered by proprietary technology and the seamless integration of hardware and software, our solutions are scalable, flexible and fully tailored to meet the evolving challenges of both urban and interurban mobility.

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