



LOW EMISSION ZONE: Driving Towards Greener & Healthier Cities

A **low-emission zone (LEZ)** is a specific area in which certain vehicles are only allowed to enter under strictly determined conditions, because they emit too many harmful substances. If you enter a LEZ with an unauthorized vehicle, or without any other form of authorization, you will be fined.

The European Environment Agency estimates that polluting emissions from engines caused **68.000 premature deaths** in Europe in 2016. It's scary to know that today, still **95% of all European citizens breathe in toxic air** each day. Needless to say that the implementations of LEZ are an **absolute necessity**. This measure is already being taken in a large number of Belgian (Antwerp, Ghent, Brussels) and European cities to **improve air quality and therefore public health**.

By installing **ANPR cameras** on the borders of each LEZ, it's possible to detect whether a certain vehicle is authorized or not to enter that specific zone.

These intelligent cameras can recognize the vehicles and check automatically their environmental footprint by retrieving the corresponding information from a centralized vehicle registration database. The user immediately gets to see a **list of all vehicles who are violating** the applicable restrictions. This makes it possible to quickly take the appropriate sanction measures.

One of the great advantages of this solution is that the installed intelligent camera network can be used for a wide range of **other Smart Mobility applications**, such as Restricted Traffic Zone, Average Speed, Blacklist Management, and so on.



Key Features

- Automated solution that works 24/7
- All vehicles are checked
- No impact on the traffic flow
- Minimal manual workload
- Easy adaptable workflow
- Secure data protection
- Stationary or mobile solution possible
- Configurable data security options (including data retention, automated deletion, etc.)



✓ Ready to use with

**MACQ MOBILITY
MANAGER**