



M³ Module: Speed Section Control

Speed section control, also referred to as average speed control, seriously contributes to **reduce the number of speed offenders** efficiently. This module enables to **measure the average speed** of a vehicle between 2 defined route points.

There is a normal **minimum distance required** between those 2 defined calibrated sites which also relies on the speed limit. The average speed is calculated by **dividing the distance between those 2 points (which is fixed) by the travel time** of the vehicle between the beginning and the end of the defined section.

If a driver violates the average speed, i.e. a vehicle is overspeeding despite deduction of a defined tolerance value, an **enforcement file is created** including all required information to fine the vehicle driver (e.g. license plate and overview images of the vehicle at each site, time stamps, measured average speed against the official speed limit, etc.).

All data is fully encrypted and is sent automatically to a central management system according to the pre-defined workflow.

The average speed measurement system over a longer distance is perceived to be more 'honest' than a spot speed trap (radar + camera). It makes also more sense since you will eliminate the behavior of slowing down for a radar and afterwards accelerating. This phenomenon has huge risks since it creates congestion and on top of that the dangerous accordion effect, which is not the case with a well-defined speed section control system.

Key Features

- **Homologation certification** through NMI (Metrological Institute of the Netherlands)
- Every camera covers **up to 2 lanes** for section control.
- Minimum section distance: **150 m** (max average speed measurement 150 km/h)
- Maximum recommended section distance: **10km** (max average speed measurement 250 km/h)
- **Possible embedded modules (optional):** classification, make and model recognition, color.
- **Candidate list** that can be validated manually/automatically
- **Other mobility data available** through our dedicated software M3(counting, OriginDestination Matrix, travel time, ..)
- **Possible Integration** with other databases (verification insurance, blacklists, ...)
- API available to push data towards higher level traffic management systems