

AUTOMATED CONTROL OF AVERAGE SPEED (CA-VM)

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ABSTRACT

Since 2003 France has set up automatic radars within the framework of automated control (CA) to increase the road safety. To complete the radars operating in a punctual way, the system is widened to the automated control of the average speed (CA-VM). This kind of control is well-adapted to incite the road-users to drive carefully, because it estimates with reliability significant and durable speeding cases.

The present paper concern the experimentations realized with a transportable and autonomous prototype, in order to measure the average speed between two points of the road section. The automated lecture of the license plates allows to identify the vehicles in infraction.

The tests on real sites and in different configurations, allows to prove the technical and juridical feasibility of the system, in order to specify the criteria for the homologation and the deployment in France.

The CA-VM project (2010 - 2012) forecast the installation of 100 fixed devices, for the road section lengths about some km (construction works, agglomeration crossing).