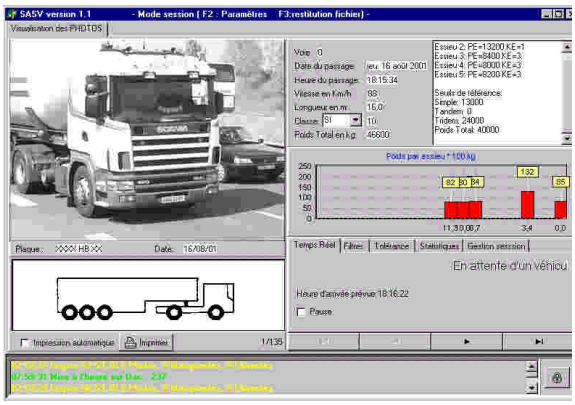
SASV

SASV provides high speed weigh-in-motion (30 to 140 Km/h) of vehicles with the purpose of detecting overloaded trucks. SASV uses 2 piezoelectric sensors and 1 electromagnetic loop per lane. A video camera records the overloaded vehicle and captures its registration plate.

The system transmits this image, along with all the data related to the vehicle, to a computer on a site where the trucks pre-selected by SASV can be weighed precisely.



PRE-WARNING HIGH SPEED WEIGH-IN-MOTION SYSTEM

SASV

PRESENTATION

SASV is equipped with 1 on-road sensors detectors unit and 1 industrial PC for analysis and data storage. All equipments are integrated in a specific metal cabinet with an external fibreglass reinforced casing (IP65).

FUNCTIONS

- SASV supplies full information about all the vehicles on the road or motorway (up to 2x4 lanes): flow, speed, length, categories, axles weight, total weight, inter-vehicle distances, classified rate…Compatible with FIME files and the TEDI protocol.
- Real time detection and display of photos and all data of overloaded or speeding vehicles according to programmable criteria.

ACCURACY

- Flow:	error less than 1 %
- Speed and categories:	error less than 3 %
- Total weight :	error less than 5 %

PROGRAMMING

Direct programming with CAPSOFT software for all configuration according with location, number of lanes and limit criteria.

MEMORY CAPACITY

Possibility to store up to 1 000 000 of vehicles (photos and complete data of all vehicles)

COMMUNICATION

Data collection via RS232C (GSM or all kind of network). The photo and data of overloaded vehicles are received on lap-top located in the static WIM area, with PC-ANYWHERE software.

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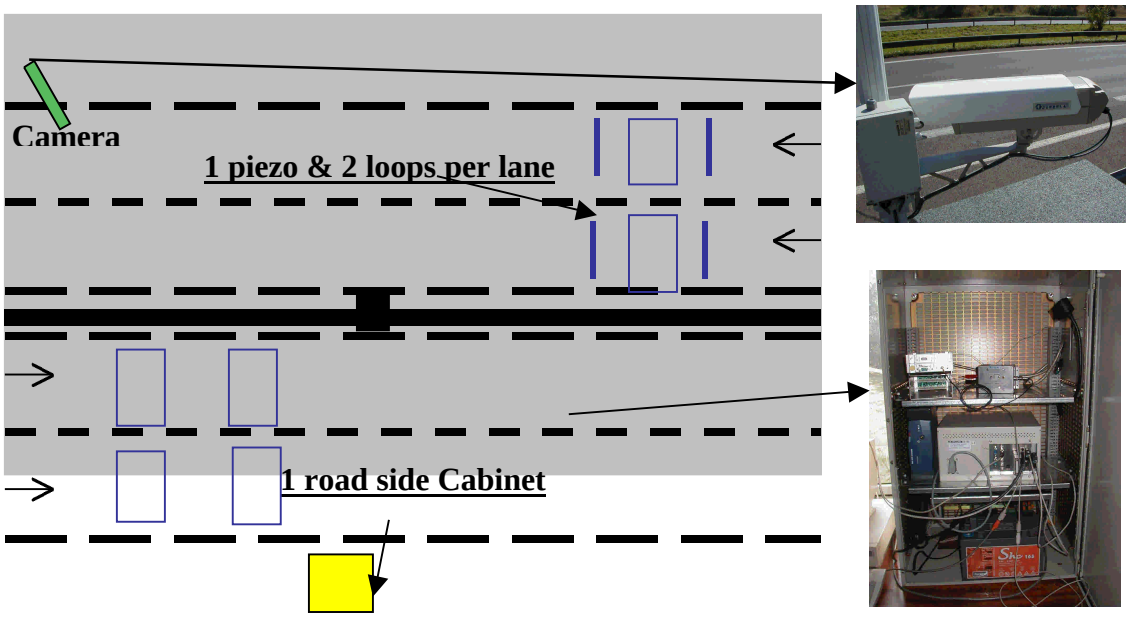
ISO 9001

SASV

High Speed Weigh-In-Motion System



Static accurate Weigh-In-Motion area

Data analysis and programming