GWA Speed Warning Installation

Features

- **Freely configurable speed threshold, also in dependence on the vehicle type**
- **Modular design for individual adaptation to customer needs**
- **Recording and analysis of traffic data:**
  - **Up to 9 vehicle classes**
  - **Up to 16 speed classes per vehicle class**
  - **Up to 16 distance classes**
- **Choice between various modes of detection**
- **Influence of traffic**
- **Reduction of accidents**

Weiss-Electronic GmbH offers an integrated solution, consisting of the following components:

- Detection system for speed detection
- Driver unit for the traffic sign
- Fibre-optical traffic sign
- Optional: data storage (offline)
- Optional: data transmission (online)

The speed warning installation is available in three different basic models. It can be chosen from systems with or without communication resp. recording options.

Basic The basic model enables a direct drive of variable traffic signs.
The road user is immediately warned by the flashing sign, when the speed limit is exceeded.
There is no data recorded or transmitted.

Offline The offline model allows the recording of the detected traffic data.
Thus it can not only drive a traffic sign, but also statistically analyse the traffic data. This allows the observations of the system's influence on road-users (warning-measurement-system).

Online This model provides the data for online the retrieval.
The control centre cyclically calls the individual road stations. The detected data can be sent to the control centre via modem.

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The vehicle detection system can be freely chosen:

MC Traffic-Master Loop Detectors.
The TLS[1] loop detectors detect vehicles by means of induction loops in the road surface. The induction loops are designed per monitoring point as TLS double loops, allowing a classification of nine vehicle classes.

RD Traffic-Master Radar Detectors.
The TLS radar detectors are installed directly above the lane. Two vehicle classes can be identified by this overhead detection.

VIP Video Image Processing.
By means of a video camera the VIP traffic detectors can simultaneously monitor up to four lanes. This allows a length classification for three vehicle classes.

☐ Technical Data	
Power supply	230 V AC; 50 Hz
Power consumption	approx. 5 A max.
Safety	IP 55
Operating temperature	-10°C to +50°C
Dimensions	GWA-Basic: (1200 x 1200 x 245) mm GWA-Offline: (1200 x 1200 x 400) mm GWA-Online: (1200 x 1200 x 400) mm
Weight	70 kg ± 10 kg depending on model

[1] TLS : Technical terms of delivery of road stations

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