Traffic Counter SR7

SPEED DISPLAYS
TRAFFIC DETECTION
Radar. Detection. Software.

Features

- Patented axle detection to improve the classification accuracy (8+1 vehicle classes)
- Automatic calibration of the measuring angle
- Road lane information
- For every vehicle speed, length, gap between vehicles, class, number of axles, direction and traffic lane is recorded
- Large internal memory for >1 million vehicles
- Bluetooth is used for setup of the device and local data transfer
- Data transmission via a GSM modem is optional
- Android and Windows App
- GPS positioning to avoid data mix up after surveys and to synchronize the time in the speed display
- Measures the supply voltage
- Deep discharge protection for batteries
- Easy one man installation
- Short set-up time - just a rough alignment is enough, the device calibrates itself automatically!

Highlights

A mobile traffic detection device to the highest quality standards! The SR7 combines easy and quick mounting on the roadside, without the need of any construction work, without stopping the flow of traffic, with highest accuracy level on data detection.

The device calibrates itself alongside the road, thus the installation becomes a piece of cake. The internal radar even detects axles and the axle positions and uses this information for optimized classification of data sets.

Due to its energy-saving operation the SR7 is able to gather traffic data on roadside for a period of more than 2 weeks continuously.

The collected data can easily be retrieved using an Android smartphone and can be sent directly to the office via E-Mail.

SIERZEGA
detects traffic!
www.sierzega.com

Electrical Data

Input Voltage	6V or 12V
Power Consumption:	Low Power Design!
	< 0.5W (!)

Radar Sensor

Operating Frequency	K-Band (ab 24 GHz)
Transmitting Power	5 mW
Certification	FCC, IC, CE approved
Operating Speed	2 ... 199 km/h or
	2 .. 150 mph
Accuracy	Speed ± 3 %

Mechanical Data

Dimensions	30 x 20 x 15 cm
Weight	~ 3 kg without Battery
Enclosure	Glass Fibre reinforced Plastics
Protection Degree	Radar Module IP66
Operating Temperature	-25° to 60°C

Analysing Software SRA
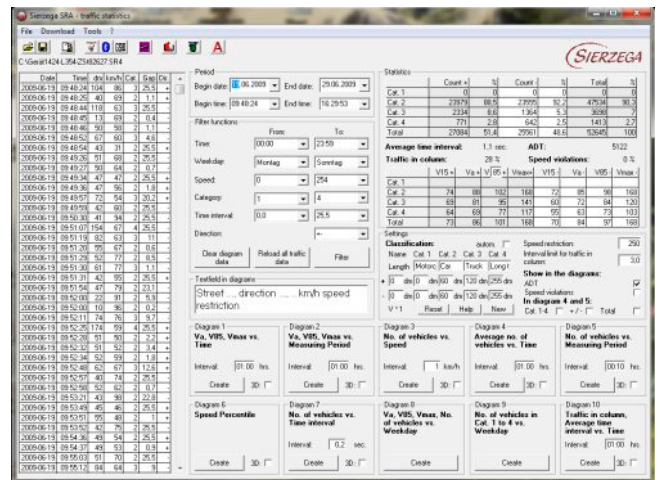
Charts
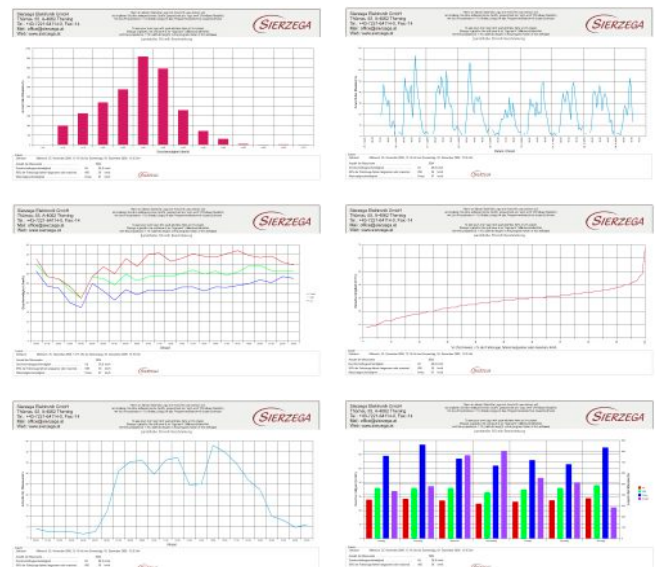
Scope of Delivery

· Traffic Counter and Classifier SR7

· Analysing Software SRA

· Terminalsoftware for Windows and Android

· Pole Brackets (for 60 mm Poles)

· Optional: Variable Pole Clamps

· Optional: Battery Chargers and Solar Power Supply

Sierzega is TÜV Austria EN ISO 9001 certified.
The company develops, produces and delivers high-performance radar systems like radar controlled LED displays and traffic detection systems.

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