

TRAFFIC DETECTION - SR4 SPEED, COUNT & CLASSIFICATION



SR4 Counter/Classifier

The SR4 vehicle counter/classifier is a statistical traffic radar device that provides accurate and straightforward acquisition of traffic information for analysis. The radars' inconspicuous appearance allows it to record vehicles without affecting the normal flow of traffic. The radar device is powered by 2 no. 6 volt batteries which provides enough power for 14 days and this can be extended indefinitely by the addition of a small solar panel if required. The counter can be mounted in minutes on an existing road sign post from 76mm to 114mm diameter. The fixing system is lockable and vandal resistant and cannot be easily removed by others.

The SR4 radar is primarily a speed measuring tool and the data it gathers provides volume, length, speed and gap information. The data is recorded on a per vehicle basis and each data record holds the information for one vehicle. This data is made up of the following; vehicle speed in km/h, vehicle length/classification, gap in seconds, time and date. The data is compressed and stored onto Flash memory, and the radar is capable of recording up to 4Mb (860,000 individual vehicle data records).

Once the data has been recorded and stored into the memory, it is easily transferred directly by Bluetooth onto a PC or laptop for analysis using the SRA analysis software provided. The data can also be downloaded to an Android smartphone or tablet via a free App and then synchronised to a desktop PC ready for analysis using the SRA software.

The SRA software analysis suite is a simple but powerful package that allows the user to create a detailed evaluation of the data. This evaluation combines total volume counts and speed information along with 85th percentile and classification information. The analysis suite can also produce, a wide range of reports that will show the collected data in an array of tabular, graphical and exportable formats.

Main Features

- Storage 4Mb - up to 860,000 vehicles
- Records date, time, speed, direction, gap
- Speed detection range - 3 - 255 km/h
- Inconspicuous appearance
- 14 days operating time (extendable)
- Easily mounted to existing sign post
- Fast data transfer by Bluetooth
- Data analysis with RA 5.4.1
- CE Approved/Certified software

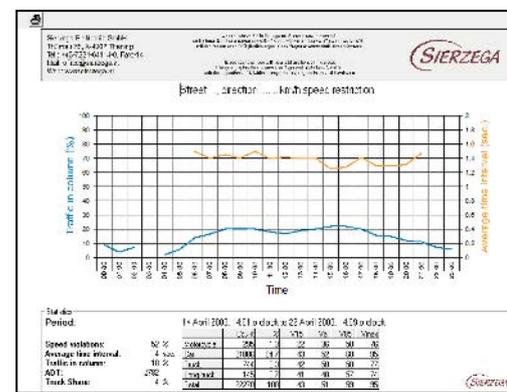
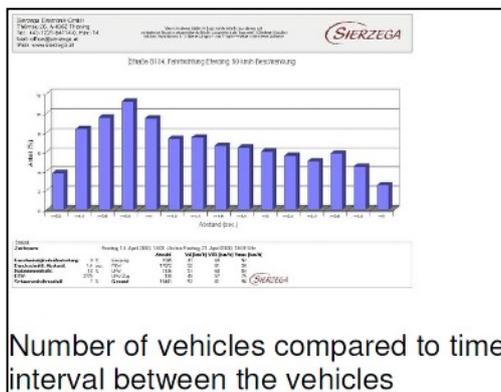
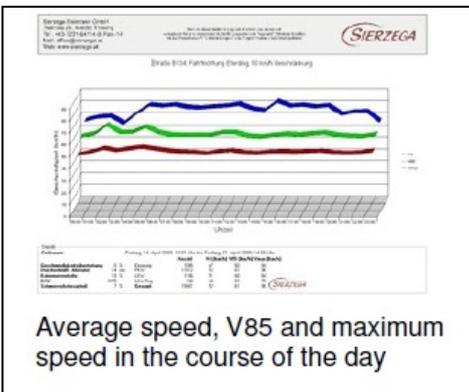
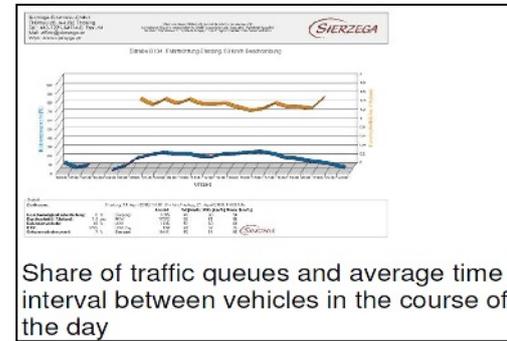
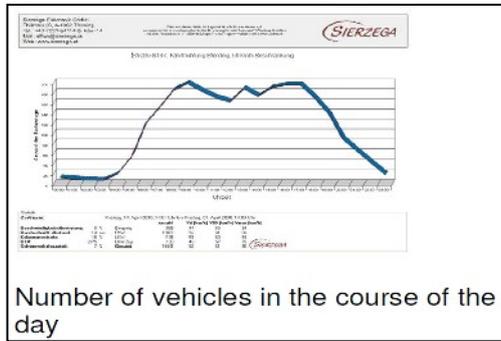
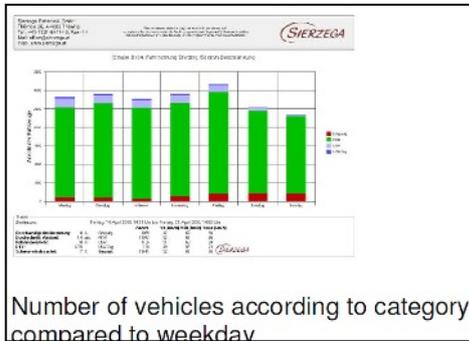
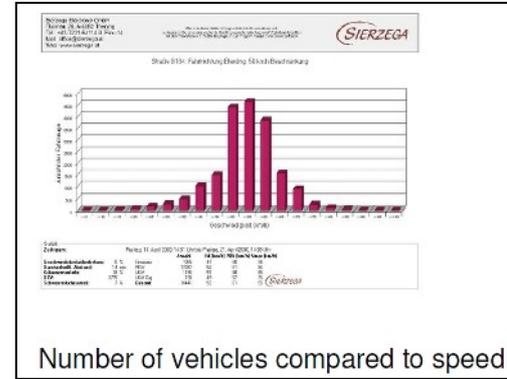
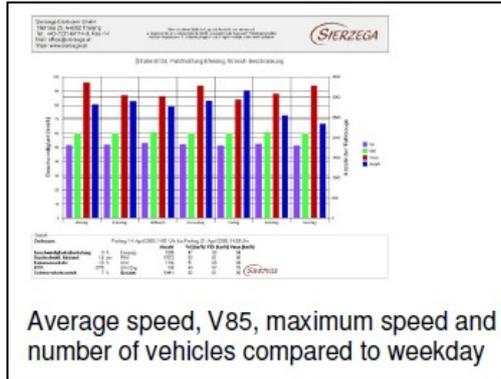
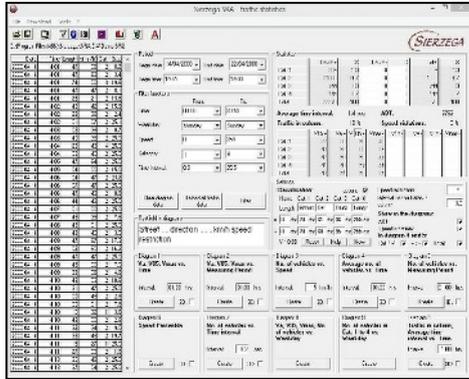


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Data Analysis with SRA 5.4.1 Software

Once the data has been downloaded to a PC/laptop, SRA 5.4.1 is a powerful yet easy to use software package that allows the data to be viewed and analysed. There are a number of standard reports available as well as numerous filters that allow the data to be manipulated to provide meaningful and easily understood statistics and reports. The data can be exported to other formats (eg Excel) as required.



Technical Specifications

Operating Voltage	6V	Memory	4Mb - 860,000 vehicles
Radar Frequency	24.125 Ghz	Operating Temp.	-20°C - +60°C
Power	5 mW	Enclosure	IP66
Detection Range	3 - 255 km/h	Dimensions	200 x 150 x 300mm
Accuracy (speed)	+/- 3%	Mounting	Pole 76mm, 89mm, 114mm
Accuracy (vehicle length)	+/- 20%	Download	Bluetooth
Accuracy (vehicle gap)	+/- 0.2 sec	Software	SRA 5.4.1 & STerminal Android App