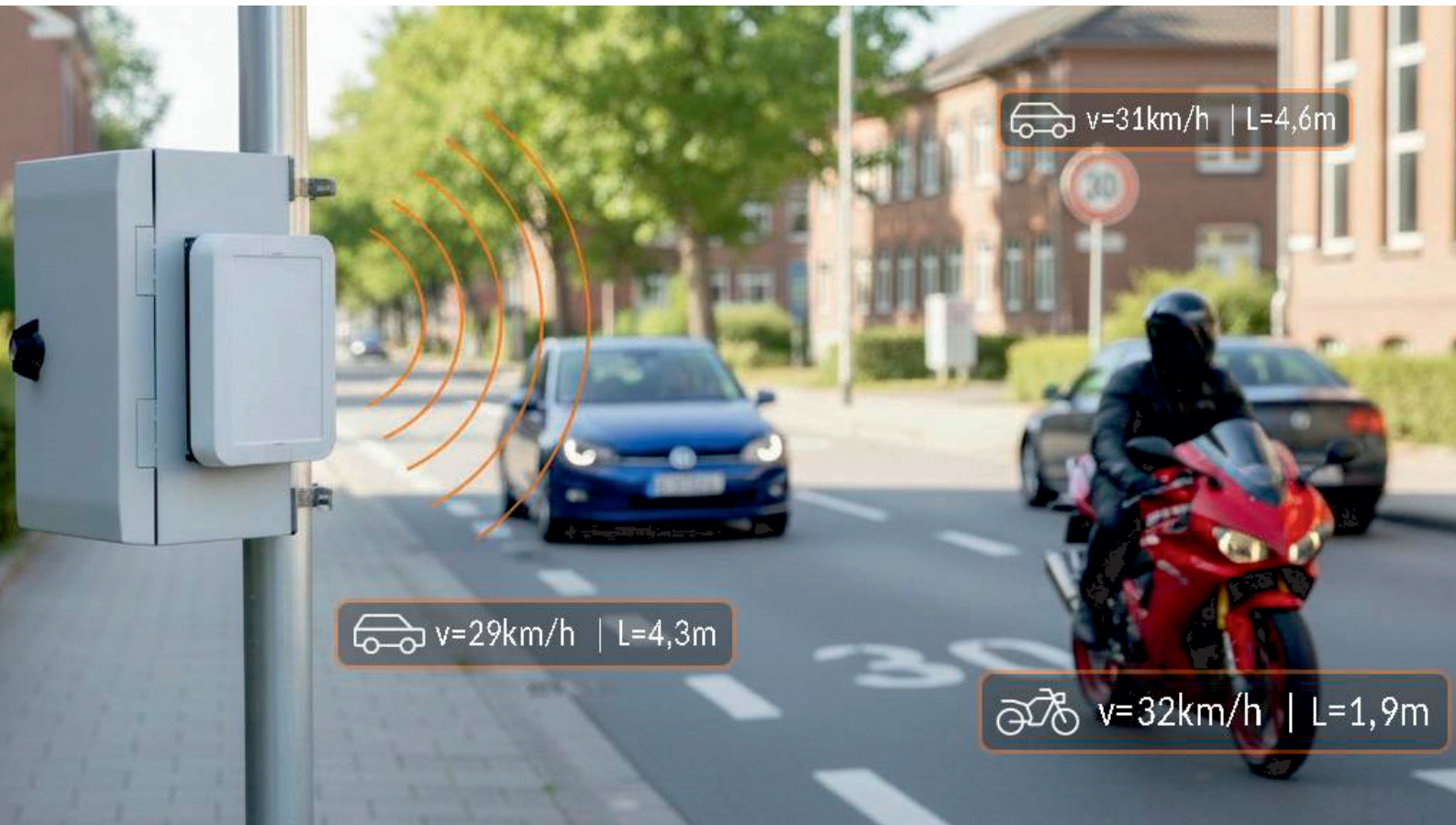


Traffic Radar SR7



Features

- 4 radar antennas scan the traffic
- Automatic detection of measurement angle
- Lane information
- Axle detection to improve **classification accuracy** (8+1 vehicle classes)
- Stores for each vehicle: speed, vehicle length, distance, vehicle class, number of axles, driving direction, lane
- Large internal memory for > 1 million vehicles
- **Integrated 4G LTE modem for online data retrieval**
- Bluetooth for configuration and local data transfer
- **Android and iOS App** - STerminal 3
- GPS for position tracking to ensure measurements are not mixed up later
- Measurement of supply voltage
- Deep discharge protection for batteries
- **Easy one-person installation in under 5 minutes**
- Short installation time – rough alignment is sufficient, the device calibrates itself automatically afterwards!

Highlights

A mobile traffic detection device built to the highest quality standards! The SR7 combines simple and quick roadside installation—without any construction work and without interrupting traffic—with the highest accuracy in data collection.

The device automatically calibrates itself to the road layout, making installation effortless. The integrated radar even detects vehicle axles and axle positions, using this information to achieve optimal data classification.

Thanks to its energy-efficient operation, the SR7 can collect data at the roadside for over two weeks.

The collected data can be conveniently accessed from any web browser, and the device status can be checked online at any time.

Electrical Data

Input Voltage	12V DC
Power Consumption	Low Power Design! < 0,5W (!)

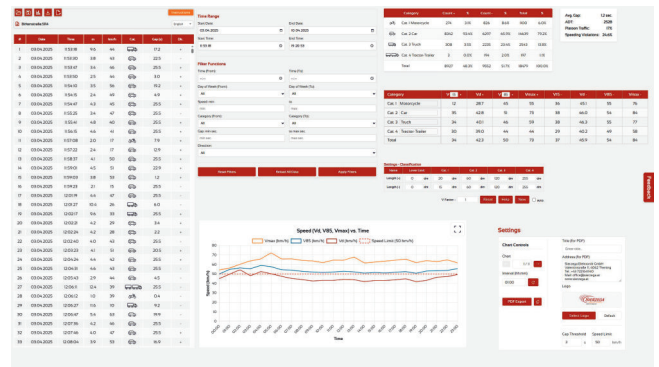
Radar Sensor

Operating Frequency	K-band (24 Ghz)
Transmitting Power	5 mW
Certification	CE approved
Operating Speed	3 ... 199 km/h or 3 .. 125 mph
Accuracy	Speed $\pm 3 \%$

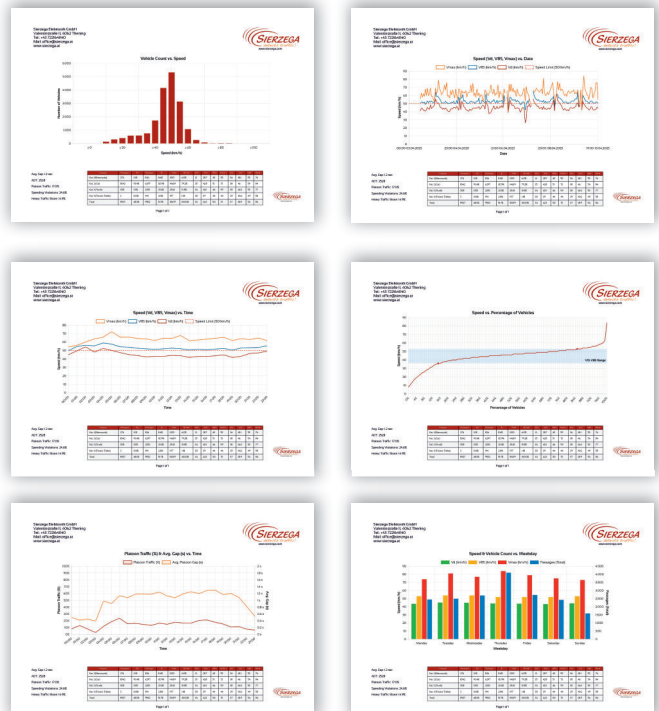
Mechanical Data

Dimensions	30 x 20 x 15 cm
Weight	~ 3 kg without Battery
Enclosure	Glass-fibre-reinforced plastic
Protection Degree	Radar Module Ip68
Operating temperature:	25 °C to 60 °C 13 °F to 140 °F

Analysing Software SRA Web

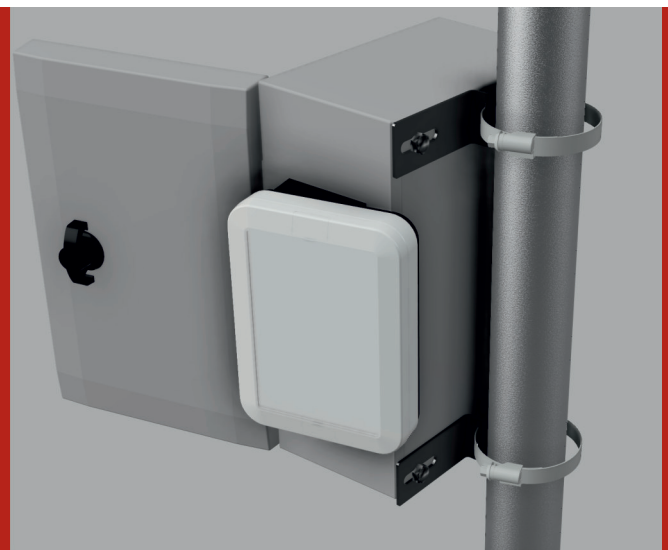


10 + 1 Charts



Scope of Delivery

- Traffic Counter and Classifier SR7
- Analysing Software SRA Web
- Pole Brackets (for mounting the SR7 enclosure)
- Battery Cable for 12V / 18Ah cells
- Optional: 12 V / 18 Ah Battery
- Optional: Battery Chargers and Solar Power Supply



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