

Bicycle counter SR6-Bike

The SR6-Bike counter is equipped with:

- Radar sensor - 24,125 GHz transmitting frequency and 5 mW transmitting power. The FMCW-radar sensor is able to exclude measurement errors caused by certain weather conditions.
- GPS - locates the position of the counter and displays it on Microsoft Maps
- GPRS - wireless and remote data transfer to our database SR.net
- SR.net - access to bicycle data from any web-enabled PC
- Power supply - 12 V
- Bluetooth - for adjustment of the radar unit
- Temperature sensor
- Analyzing software - SRB V2, various filters for individual analyses
- Mounting system - theft-proof, enclosure - lockable
- Memory - 2 MB (430.080 bicycles)

The SR6-Bike counter records:

- Date and Time
- Speed: MPH
- Direction: bidirectional
- Temperature

The SR6-Bike counter can be used for:

- **permanent counting**
 - electricity power 110 V: to be used with one 12 V 7,5 Ah battery, Mascot battery charger (4 A) and variable pole clamps
 - solar power (12 V): to be used with the large cabinet, solar package, one 12 V 33 Ah battery and variable pole clamps
- **mobile counting**
 - battery power only: to be used with one 12 V 12 Ah battery and Mascot battery charger (4 A)



Small SR6-Bike cabinet:

Radar unit mounted inside cabinet (for locations with 110 V and mobile counting).



Large SR6-Bike cabinet:

Radar unit mounted outside cabinet (for solar power only).

For mounting our devices on poles we can provide variable pole clamps. Poles are not included when ordering a bike counter.

Conditions

The SR6- Bike counter is subjected to the following conditions:

1. Access to data recorded by the device is granted via the SR.net portal. The customer will receive individual login data.
2. SIM-cards have to be provided by the customer. We advise to check net coverage at your location in advance.
3. After testing the operation of the SIM card the customer will send the card to Sierzega Elektronik GmbH so that it can be inserted and tested in the unit. Once the card is installed it can only be removed by Sierzega Elektronik GmbH.
4. Mobile operator fees apply and customer will assume any mobile operator fees.