



SDR

radar traffic classifier

The **SDR** is a versatile and reliable traffic classifier using an inbuilt microwave (radar) sensor to measure traffic at a one or two lane (opposite direction) road layout.

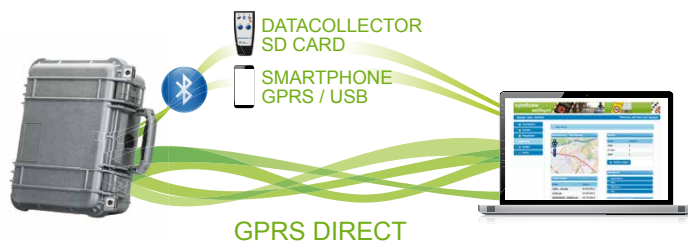
The setup of the self-calibrating **SDR** and online traffic monitoring can be done on site by the use of a smartphone. Modern on-board GPRS wireless communication enables the user to access the data remotely without being on site.

Furthermore the solar power option extends the **SDR** data collection capabilities to 365 days per year.



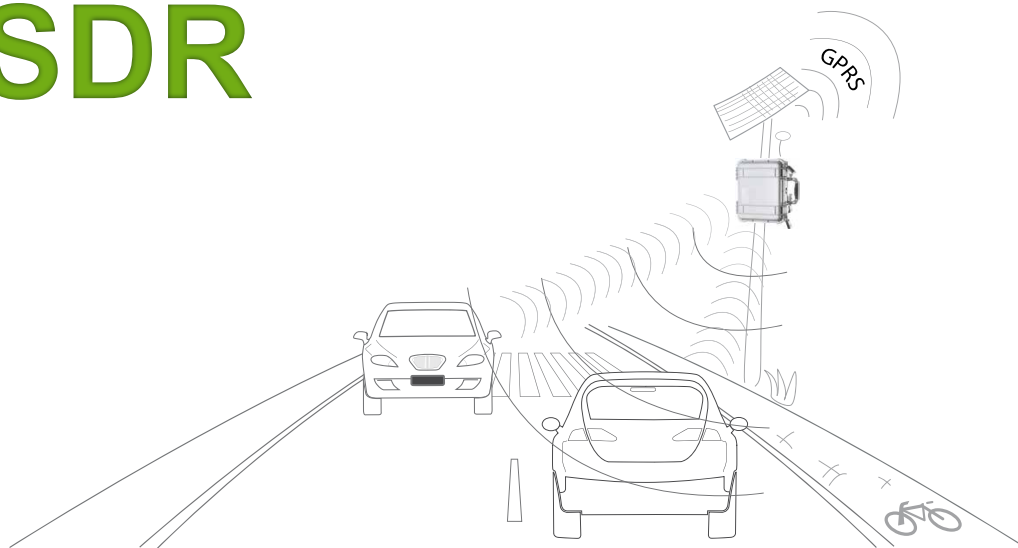
myTrafficData

Web-based access to your database wherever you are. You can access your data, visualize statistics and generate reports. Administration of several products is comfortable and safe.






Easy and enduring: Your system can be updated at any time and GPRS will keep your system **SDR** always up-to-date.







SDR traffic  
Binning of traffic in two classes car/truck.

SDR traffic +   
Binning of traffic in 4+ classes, overhead installation available.

SDR bike 
Directional count of bicycles on bicycles paths.

SDR bike +  
Detection of bicycles and other vehicles in one driving direction.

Technical specifications	
Sensor type	Microwave
Frequency	Typ. 24,125 GHz
Output power	5 mW
Speed measuring range	3 - 199 km/h or 2 - 130 mph
Resolution	1 km/h; 0,1 m or 1 mph; 3 ft
Units	Metrical or english (imperial)
Memory	2 GB
Data format	V, date, time, direction, length (PVR)
Data rate	Up to 115200 baud
Communication	Bluetooth® (local) or GPRS (global)
Bluetooth® range	Frontal up to 100 m (line of sight)
Monitoring	Online mode via smartphone or GPRS
Setting	Via DataCollector, smartphone or GPRS
Installation angle	Horizontal 45°; vertical 30° - 90°
Installation roadside distance	Up to 10 m
Installation height	Up to 8 m
Ambient temperature	- 20 °C - + 50 °C
Weight	4,7 kg without battery
Dimensions (HxWxD)	350 x 300 x 150 mm
Housing material	PP, PC
Additional features	
Update	Flash Update
Webapps	Additional features and functions are available via WebApp Shop
Gain calibration	Manual or automatic (AUTOGAIN)
Length calibration	Manual or automatic (AUTOCAL)
Software	
myTrafficData	Web-based application, reporting and data management software
Energy supply	
AkkuPack	12 V / 18 Ah rechargeable battery incl. connection cable
PowerUnit	100 - 240 VAC main power supply incl. 12 V / 7 Ah rechargeable battery
SolarSystem	50 / 85 W solar panel
Installation	
SmartBracket	Pole mounting installation bracket
SmartBracket deep	Pole mounting installation bracket will carry a Powerpack or PowerUnit
Cabinet 1450 (large)	To carry 2 pcs. 12 V / 18 Ah rechargeable batteries, solar regulator and fuse
Accessories	
GPRS modem	Internal GPRS modem for global setup, monitoring and file transfer
DataCollector	Handheld device for setup and file transfer
Webapps	Additional features and functions are available via WebApp Shop
Tripod	Heavy duty steel or lightweight aluminum tripod for short term mobile measurement
Locks	Heavy duty steel locks
Laser45	Laser calibration tool for accurate 45° horizontal installation angle adjustment
Smartphone	Smartphone with Android OS and class1 Bluetooth® module

Services



Short delivery times!



TOP - technical support!



Best quality, worldwide!

Contact

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