



**We make
highways
talk™**

- **MANAGEMENT**
- **SAFETY**
- **PRESERVATION**

International Road Dynamics Inc. develops and maintains traffic management products and systems technology that make highways talk. What are they saying? They are providing information that roadway administrators need to manage traffic, preserve infrastructure and provide safety warnings to drivers.

IRD's multi-discipline, innovative and customer-focused team is expert in advanced technologies, advanced traffic solutions and custom-designed systems.



**CUSTOMER
DRIVEN™**

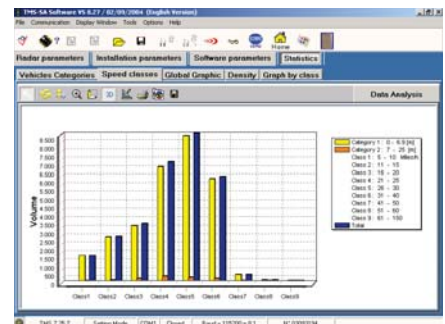
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TMS-SA Portable Traffic Counter/Classifier

The TMS-SA is a portable and non-intrusive traffic counter/classifier adapted to urban and residential areas. Using a Doppler radar, the TMS-SA counts vehicles, measures speed, and classifies up to four length categories. The TMS-SA provides safe and quick installation, discreet data collection, and all-weather operation. The simple and complete software allows the user to set-up the radar, download and easily process the traffic data.



- **Easy-to-use (self adjustment)**
- **3 weeks autonomy**
- **Set-up without opening the unit**
- **Weatherproof case**
- **No road tube or sensors required**
- **Data analysis software included**



Why the TMS-SA?

Easy to install

- special bracket and motorized antenna provide self-adjustment and short installation time

Comprehensive traffic data

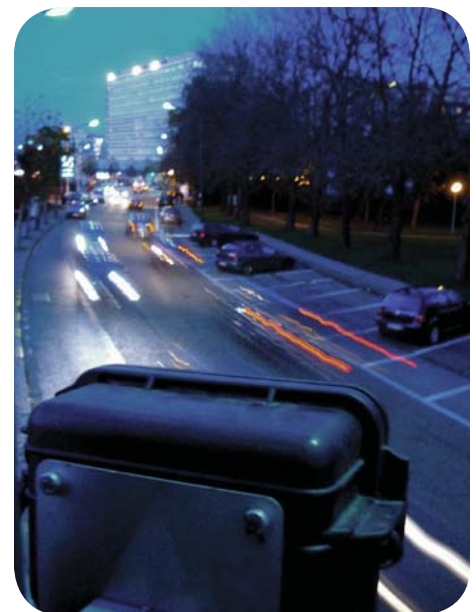
- volume – speed – classification
- time stamped to 1/100th of a second
- 1 or 2 lanes in opposite directions
- vehicle by vehicle data
- extensive easy-to-use software
- full data analysis package
- able to export to Excel, FIME, etc.

Useful and flexible

- 3 weeks autonomy, rechargeable batteries
- extended installation height settings (from 1 to 8 meters)
- wireless communication (Bluetooth) for parameters setting and data collection from your vehicle
- communication choice: use your computer or hand-held for settings & download

Non-intrusive

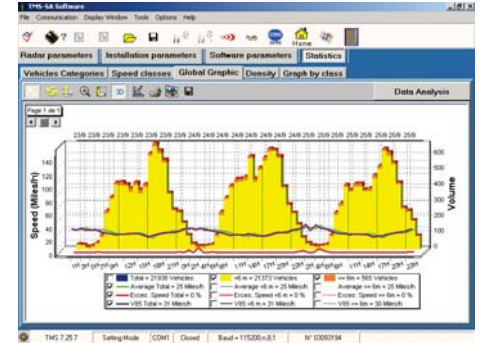
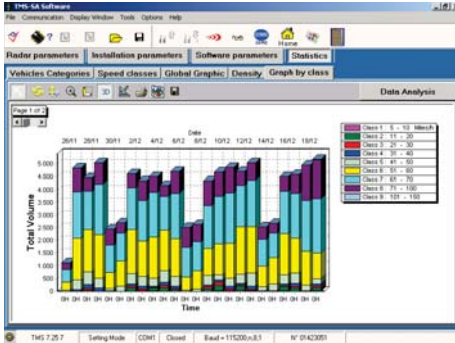
- determine peak times for speed violations
- collect data without affecting driver behavior



TMS-SA

Easy-to-use Software

- Set up speed categories
- Classify by length
- Graphing Capability
- Export data and graphs to Microsoft Office



Technical Features

Speed range	6-158 mph (10-255 km/h)
Size	9.7" x 10.7" x 9.1" (245 x 270 x 230 mm) mounting system included
Weight	14.8 lbs (6.7 kg)
Environmental protection	IP64
Mounting system	4 points on the rear face for any type of brackets
Operating Temperature	-22°F / 140°F (-30°C / +60°C)
Power supply	Battery provided 6V/12AH
Autonomy	3 weeks
Radar frequency	24.125 Ghz
Communication set-up	Bluetooth
Memory	250 000 vehicles (up to 1 million optional)
Software	
Operating System	Windows XP or higher, min. 512 MB
Disk Space	50 Mb
Accuracy	Speed: < 60 mph : ± 2 mph / > 60 mph : ± 3% < 100 km/h : ± 3 km/h / > 100 km/h: ± 3%
(Subject to appropriate installation conditions)	Classification: ± 10% (max. 4 length classes)
	Counting: ± 3%

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