QUARTERHILL

TMS-SA Portable Traffic Counter/Classifier

The TMS-SA traffic counter is a compact, portable, non-intrusive vehicle counter/classifier that is ideal for temporary traffic studies.

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 according to vehicle length (the software allows more than 4 categories and the user can make as many as they want).

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.

Benefits

- Easy installation (automatic positioning)
- 3 weeks autonomy
- Set-up without opening the unit
- Weatherproof case
- Determine peak times for speed violations
- Data analysis software included

Comprehensive Traffic Data

- Volume, speed (up to 10 classes), classification (up to 4 length classes)
- Time stamped to 1/100th of a second
- 1 or 2 lanes in opposite directions
- Vehicle-by-vehicle (per vehicle) data
- Complete, easy-to-use software
- Full data analysis package
- Export to Excel and CSV formats

Why a radar?

Above ground technology

- Safer for the traffic engineers, who can stay on the roadside for installation
- Less expensive: no road works and no traffic interruption needed for the installation

Operates under all weather conditions

Frost, snow, fog, etc. have no influence on the radar performance.

No maintenance required

No lens to clean, no calibration.

TMS-SA Technical Specifications

Why the TMS-SA?

Practical and flexible

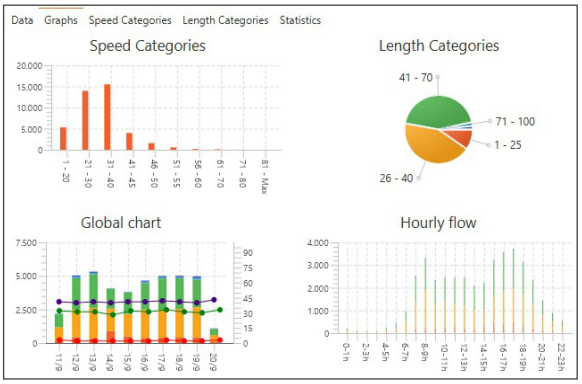
- Extended installation range (from 1 to 8 m height)
- More than 3 weeks autonomy, rechargeable battery
- Wireless communication (Bluetooth): setting up and collecting data in real time from your vehicle
- Choice of communication means: PC or smartphone for settings and data collection.

User friendly

- Specific mounting system + motorized antenna = automatic positioning and quick installation

Options

- 4G modem
- Solar power supply
- RS-232 communication



android

Standards

- Directive 2014/53/EC
- FCC: part 15 of the FCC Rules
- IC: the TMS-SA complies with Innovation, Science and Economic Development Canada's licence-exempt RSS

Specifications	
Accuracy	Speed: +/- 3 km/h (2 mph) < 100 km/h (60 mph) to 3 % > 100 km/h (60 mph) Length: +/- 1 m Counting: +/- 3 %
Detected speed	From 10-255 km/h (6-158 mph)
Detection direction	Approaching, receding or bidirectional
Environmental protection	IP65
Temperature range	From -30°C to +60°C (-22°F to 140°F)
Power supply	Battery 6V/12AH (provided)
Autonomy	3 weeks
Frequency	K-Band 24.125 Ghz
Dimensions	245 x 270 x 230 mm (9.7" x 10.7" x 9.1"), bracket not included
Weight	6.7 kg (14.8 lbs), battery included
Communication set-up	Bluetooth (options: 4G, RS-232)
Memory	1 million vehicles
Mounting system	Bracket included in delivery, adapted for any type of collar/clamp

Software

Operating System	Requires Windows 10 or later, min. 512 MB RAM
Disk space	200 MB

QUARTERHILL
www.quarterhill.com | info@quarterhill.com

240409-F

Quarterhill enforcement division is legally operated by International Road Dynamics.