

## Above ground road traffic counter

### THE TMS-NET COLLECTS TRAFFIC DATA AND TRANSMITS IT THROUGH A SERIAL OUTPUT

- ✓ counting, speed & length measurement
- ✓ gantry installation (one-per-lane, highways)
- ✓ side-fired installation (bidirectional traffic)

#### SAVINGS ON BUDGETS FOR

- Road digging
- Security
- Intervention

#### COMPLETE AND EASY-TO-USE DATA

- Volume, speed, length
- Date & hour to the 100th of a second
- 1 or 2 ways in opposite directions
- Per vehicle data

### 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

#### IT OPERATES UNDER ALL WEATHER CONDITIONS

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

#### NO MAINTENANCE

No lens to clean, no calibration.

### ADVANTAGES



- ✓ accurate and reliable
- ✓ cost effective
- ✓ above ground technology
- ✓ operation under all weather conditions

## WHY THE TMS-NET?

### PRACTICAL AND FLEXIBLE

- Extended installation range (up to 8 m height)
- Choice of communication output: RS-232 or RS-485
- Settings without opening of the housing

### USER FRIENDLY

- Delivered ready to install, with mounting bracket
- Socket for detachable cable

## TECHNICAL FEATURES

|                                  |                                                                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Accuracy                         | <ul style="list-style-type: none"> <li>• Speed: +/- 2 km/h &lt; 100 km/h, 2 % &gt; 100 km/h</li> <li>• Length: +/- 1 m</li> <li>• Counting: +/- 3 %</li> </ul> |
| Detectable speeds                | From 15 to 255 km/h                                                                                                                                            |
| Environmental protection         | IP65                                                                                                                                                           |
| Operating temperature            | From -40 °C to +75 °C                                                                                                                                          |
| Power supply                     | 12-60 V DC                                                                                                                                                     |
| Transmitted power                | < 5 mW                                                                                                                                                         |
| Frequency                        | K-Band: 24.125 GHz                                                                                                                                             |
| Dimensions                       | 180 x 90 x 220 mm, excl. bracket                                                                                                                               |
| Weight (excl. cable and bracket) | 1.8 kg                                                                                                                                                         |
| Communication interface          | RS-232, RS-485 as an option                                                                                                                                    |
| Memory                           | Buffer 2048 vehicles as an option                                                                                                                              |

## OPTIONS

- RS-485
- RS-232 + buffer



STANDARDS

- Directive 2014/53/EC