ICOMS
Better detection . Better mobility

TMS-NET

data collection

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 CONDTIONS

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

TMS-NET

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	• Speed: +/- 2 km/h < 100 km/h, 2 % > 100 km/h • Length: +/- 1 m • Counting: +/- 3 %
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

CE ((!))

STANDARDS

- Directive 2014/53/EC

ICOMS DETECTIONS SA
Avenue Albert Einstein 11/B | B-1348 Louvain-la-Neuve (Belgique) | T + 32 10 45 41 02 | F + 32 10 45 04 61 | info@icomsdetections.com

TMS-NET

Specifications subject to change without prior notice.