

📶 The **TMT** & **TMT-2** are two Doppler sensors designed for vehicles overspeeding detection. It allows, among other, to use one or two relays to regulate Vehicle Activated Signs, traffic lights, etc.

- **TMT** : detection up to 150 m, 1 relay, setting per DIP-Switch

- **TMT-2** : detection up to 120 m, 2 relays, setting per RS232



- Shock-resistant
- Settings without radar opening
- Ready to install (cable, mounting support, screws and bolts)
- Operation under all weather conditions
- Above ground technology

## 📶 Why a radar?

### ABOVE GROUND TECHNOLOGY

- Safer for the traffic engineers, who can stay on the roadside for installation
- Less expensive: no roadworks nor 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





## Why a radar ICOMS?

### Easy to install:

- Detachable cable at the rear
- Delivered ready to install, i.e. including cable, fixing support, screws and bolts
- Settings adjustable without radar opening
- Extended operating temperature: -40°C/+75°C

### Wide application possibilities:

- intersections
- warnings (VMS' activation)
- wrong-way detection...

## Options

### LP version

low power consumption for solar power, with open collector output for the TMT

Issue rec :

V1.0 17-03-2014 : DC only for TMT2

## STANDARDS



Electromagnetic compatibility and electrical safety: the TMT & TMT-2 comply with the essential requirements and other relevant provisions of the R/TTE Directive 1999/5/EG.

## TECHNICAL FEATURES

	TMT	TMT-2
Detection range (for a personal car, installation height : 4.5 m, tilt angle : 5°, sensitivity set on ¾)	Car: 150 m Truck: 200 m	Car: 100 m Truck: 150 m
Minimum detected speed	30 km/h	5 km/h
Detection direction	Approaching	Approaching, receding or bidirectional
Speed range	From chosen threshold up to 160 km/h	From chosen threshold up to 250 km/h
Dimensions 10-60 V power supply	70x100x180 mm	
Dimensions 220 V power supply	70x100x248 mm	N/A
Weight (without cable & mounting support)	1 kg	
Environmental protection	IP65, EN 50102 (IK)	
Mounting system	Double-L (supplied), adapted for M8	
Operating temperature	From -40°C to +75°C	
Power supply	LV version: 10-42 VAC/10-60 VDC EU version: 220 VAC LP version: 6-20 VDC	LV version: 10-60 VDC
Consumption	< 1 W (90 mA under 12 VDC)	
Frequency	K-band - 24.125 Ghz	
Transmit power	5 mW	
User output	Visible LED on front face – Inverted relay contact – DIP-switch	Visible LED on front face – 2 Inverted relay contacts – RS232
Hold time of the relay	User configurable	

Specifications subject to change without prior notice.