

📶 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.