

Multifunction sensor TM-007

THE TM-007 IS A MULTIFUNCTION RADAR EQUIPPED WITH 2 RELAY OUTPUTS. IT CAN DETECT VEHICLES AT INTERSECTIONS, AS WELL AS ACTIVATE SPEED WARNING DEVICES.

- ✓ "Green bonus" intersections
- ✓ Call or extend a phase
- ✓ VMS activation
- ✓ Wrong way detection

SAVINGS ON BUDGETS FOR

- Road digging
- Security
- Intervention

HOW DOES IT WORK?

When a speed higher than the "low" threshold is detected, the first relay is activated (all vehicles). A vehicle or a bicycle with a speed higher than the "high speed" threshold will trigger the second relay. The possibility exists to use the overspeed threshold as a maximum threshold, in order to set a speed range for the relay triggers. The relays are activated until the movement stops.

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



- ✓ Shock-resistant
- ✓ Settings without radar opening
- ✓ "All vehicles" relay
- ✓ "Overspeed" relay
- ✓ Detect above or under the chosen threshold

WHY AN ICOMS RADAR?

FIELD PROVEN AND RELIABLE

Thousands of ICOMS radars installed worldwide since 1993.

USER FRIENDLY

- Easy to install
- Detachable cable at the rear side
- Delivered ready to install, i.e. including cable, fixing support, screws and bolts

TECHNICAL FEATURES

Detection range	120 m
Min. detected speed	Adjustable - Relay 1: 4 or 8 km/h Relay 2: 16 positions, from 10 to 120 km/h
Detection direction	Approaching
Speed range	From chosen threshold to 160 km/h
Environmental protection	IP65, EN 50102 (IK)
Mounting system	Double-L (supplied), adapted for M8
Operating temperatures	From - 40 °C to + 75 °C
Power supply	LV : 10 - 42 V AC/12-60 V DC EU : 110 - 240 V AC
Consumption	< 1 VA
Frequency	K-band : 24.125 GHz
Transmit power	5 mW
User output	LED on front face - 2 relay contacts - optional RS-232
Dimensions	LV : 70 x 100 x 115 mm EU : 70 x 100 x 180 mm
Weight (without cable and mounting support)	LV : 450 g - EU : 620 g
Reaction time	< 250 ms
Relay hold time	1 second

OPTION

RS-232 output (for LV version).



STANDARDS

Directive 2014/53/EC

