

Radar for multi-lane intersection

TMB-134

THE TMB-134 IS AN "ALL-IN-ONE" MULTI-LANE MICROWAVE SENSOR FOR TRAFFIC SIGNAL REGULATION

- ✓ Virtual distant loops, activated on movement detection
- ✓ Virtual stop-line loops, activated on movement or presence detection
- ✓ Up to 9 detection areas (virtual loops), configurable in function, size and position

SAVINGS ON BUDGETS FOR

- Road digging
- Security
- Intervention

HOW DOES IT WORK?

The user can define up to 9 virtual loops, all activated by vehicles or bicycles. The stop-line detection areas can be configured, per lane, as presence areas: the "loops" are activated until the object leaves the zone.

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

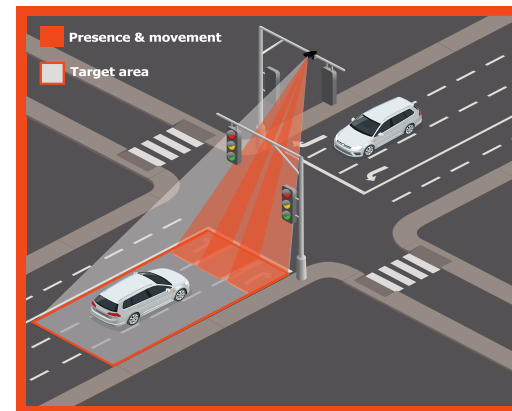
IT OPERATES UNDER ALL WEATHER CONDITIONS

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

NO MAINTENANCE

No lens to clean, no calibration.

ADVANTAGES



- ✓ 1 single radar to replace up to 9 inductive loops
- ✓ Turn-right/turn-left detection
- ✓ Stop-line presence

WHY AN ICOMS RADAR?

FIELD PROVEN AND RELIABLE

Thousands of ICOMS radars installed worldwide since 1993.

EASY TO USE & INSTALL

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

SETTINGS

For each detection area/virtual loop:

- Size and position
- Function

TECHNICAL FEATURES

Recommended configuration	Min. 14 m from stop-line (at the opposite side of the intersection)
Number of detection zones	Up to 9 detection zones
Detection direction	Approaching
Detection range	Up to 70 m from the installation point
Max. detected speed	81 km/h
User input	USB via relay card
User output	USB for configuration via relay card - RS-485
Environmental protection	IP65
Frequency	W-band: 76-77 Ghz
Operating temperature	From -40 °C to +60 °C
Mounting system	Specific mounting system supplied, adapted for M8
Consumption	Less than 6 W
Power supply	LV: 10-60 V DC / 8-30 V AC, 50-60 Hz MV: 21-75 V DC / 15-53 V AC, 50-60 Hz HV: 100-240 V AC, 50-60 Hz
Dimensions (excl. bracket)	LV: L 68 x W 99 x D 151 mm MV & HV: L 68 x W 99 x D 234 mm
Weight (without cable & mounting support)	LV: 0.45 kg; MV: 0.60 kg; HV: 0.63 kg
Software	
PC running	Windows 10 or higher, min. 512 MB RAM
Disk space	50 MB

OPTIONS

- Power supply:
 - 10-60 V DC / 8-30 V AC, 50-60 Hz
 - 21-75 V DC / 15-53 V AC, 50-60 Hz
 - 100-240 V AC, 50-60 Hz
- 9 relays output board



STANDARDS

- Directive 2014/53/EU