

TMB-134

Radar for multi-lane intersection

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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
- Op 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.

NOMAINTENANCE

No lens to clean, no calibration.

ADVANTAGES



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





WHY AN ICOMS RADAR?

FIELD PROVEN AND RELIABLE

Thousands of ICOMS radars installed worldwide since 1993.

EASY TO USE & INSTALL

SETTINGS

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

TECHNICALFEATURES

For each detection	area/virtual loop:
 Size and position 	

- Function
- **TMB-134 LV TMB-134 MV TMB-134 HV** Recommended configuration Min. 14 m from stop-line (at the opposite side of the intersection Number of detection zones Up to 9 detection zones Up to 70 m from the installation point Detection range Max. detected speed 99 km/h User input USB via relay card USB for configuration via relay card - RS-485 User output 8-30 V AC 15-53 V AC 100-240 V AC Power supply 10-60 V DC 21-75 V DC 50-60 Hz < 6 W Environmental protection IP65 Dimensions (excl. bracket) 68 x 99 x 151 mm Weight (excl. cable & bracket) 0.450 kg 0.600 kg 0.630 kg Specific mounting system supplied, adapted for M8 FMounting system Frequency W-Band: 76-77 Ghz Operating temperature From -40 °C to +60 °C Software PC running 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





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