



Intelligent Roadside Detection

TMB-334 Radar for
multi-lane data collection.



Product Description

The **TMB-334 Radar** provides speed, volume, and length-based vehicle classification across up to four lanes in two directions. It is installed roadside, enabling flexible positioning without in-road infrastructure.

The sensor sends for each vehicle which is moving in its detection area the speed, the length, the direction and the XY position on the road through RS-485 serial output.

Advantages

Above-Ground, Non-Intrusive Installation

- Safer roadside setup with no traffic disruption

All-Weather, Maintenance-Free Performance

- Unaffected by frost, snow, fog; no calibration or lens cleaning required

Flexible, Easy Deployment

- Delivered ready to install including cable, fixing support, screws, bolts
- Detachable cable at the rear side
- Quick and easy to install on existing infrastructure
- Settings: size and position of the counting areas, angle of installation

Simplified Detection Infrastructure

- 1 single radar to replace several sensors or inductive loops

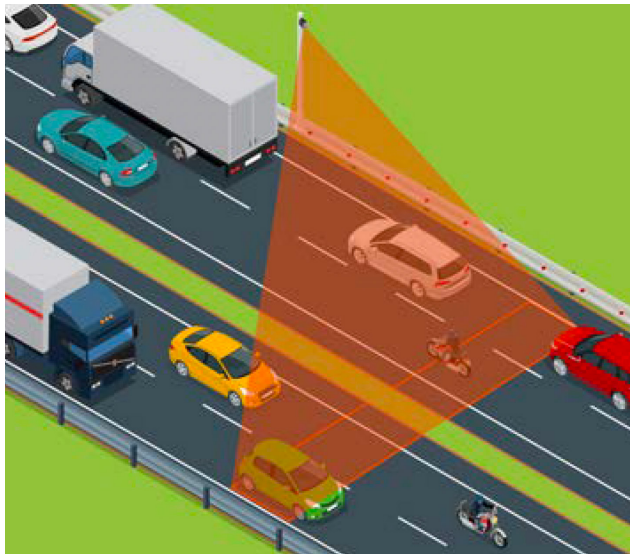
Field Proven and Reliable

- Thousands of Icoms radars installed worldwide since 1993



Specifications

	TMB-334 LV	TMB-334 MV	TMB-334 HV
Recommended Configuration	Min. 4 m from stop-line		
Number of Detection Zones	Up to 9 zones with optional relays board		
Detection Direction	Approaching		
Detection Range	Up to 120 m from the installation point		
Speed Range	120 km/h		
User Input/Output	WiFi with web graphical interface		
Operating Temperatures	3 internal relays - RS-485 - Optional 9 relays board		
Power Supply	8-30 V AC 10-60 V DC	15-53 V AC 21-75 V DC	100-240 V AC 50-60 Hz
Consumption	< 6 W		
Environmental Protection	IP65		
Dimensions (Excl. Bracket)	68 × 99 × 151 mm	68 × 99 × 234 mm	
Weight (excl. Cable & Bracket)	0.446 kg	0.605 kg	0.631 kg
Mounting System	Specific mounting system supplied, adapted for M8		
Frequency	W-Band: 76-77 Ghz		



References

- Alimentation :
 - **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



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