



SCAE

TMA-60

Multifunctional Sensor Radar



The TMA-60 is a next-generation multifunction radar, designed to detect vehicles, bicycles, and other road users at distances of up to 150 meters. The speed threshold and activation distance are fully adjustable, making it ideal for applications in traffic control, safety, and energy savings.

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Technical Specifications

Specification	Value
Detection range	Adjustable: 20 / 40 / 80 / 150 m
Detectable speed	From 10 o 40 km/h to 200 km/h
Detection direction	Approaching, receding, bidirectional
Number of channels	4 independent channels
Radar frequency	Banda K: 24.185 – 24.215 GHz
User outputs	2 front LEDs + 1 SPDT relays
Relay activation time	1 second
User inputs	2 rotary transducers
IP	IP65

Main Features

- Detection range: Up to 150 m on a single lane;
- Adjustable speed threshold: e.g., > 10km/h or > 40 km/h;
- All-weather operation: Works in fog, snow, frost, etc;
- Target detection: Bicycles and light vehicles;
- Quick above-ground installation: No roadworks required;
- Zero maintenance: Self-diagnostic technology;
- Easy mounting: Double "L" bracket included.

Above-Ground Technology

- Safe for personnel: Roadside installation;
- Time and cost saving: No pavement cuts, no traffic stops;

Safety & Certifications

Operating temperature: –40 °C to +75 °C;

Housing: Aluminum, IP65, shockproof, waterproof, heat-resistant, vandal-resistant;

Surge protection: EMC compliant;

Certifications: CE, FCC Part 15B Class A (LV version), IC ICES-003 issue 6.

Power Supply and Available Versions

Version	Power Supply	Dimensions (mm)	Weith
TMA-60-L	10–30 V AC / 12–60 V DC	68×99×119	320 g
TMA-60-M	15–54 V AC / 21–75 V DC	68×99×205	510 g
TMA-60-H	100–240 V AC – 50/60 Hz	68×99×205	543 g

