



TM60

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The TM60 microwave radar is designed to detect moving vehicles, for call or extension of a signal phase. Compact and light, it is easy to install and doesn't require civil works nor disruption to traffic.



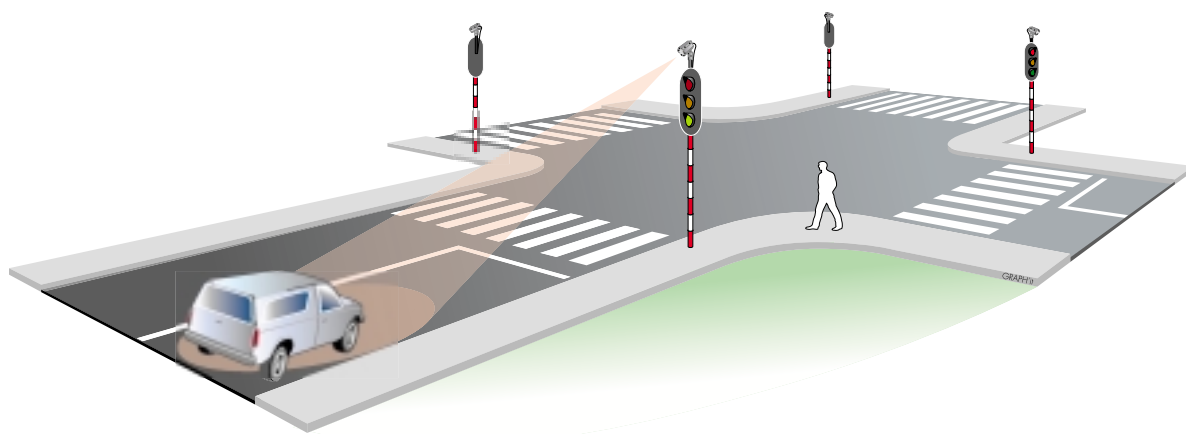
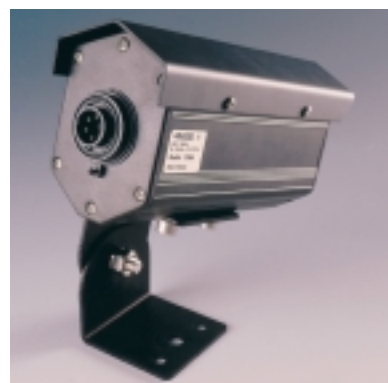
Comfort

- > Environmental insensitivity : dust, heat, intense cold, humidity, ... have no influence on the radar's performances
- > Cable connector at the rear
- > No maintenance
- > Delivered ready to install, i.e. including cable, fixing support, screws and bolts



Safety

- > Settings adjustable without dismantling
- > Aluminium IP68 housing
- > Operating temperature from - 40°C to + 75°C



Settings

- > Sensitivity (size of detection zone)
- > Minimum speed threshold for detection (from 1 to 16 km/h)
- > Movement direction

Options

- > Low voltage : TM60LV (12-24 VAC/VDC, 48 VDC or 110 VAC 50/60 Hz)
- > Two directions detection

Specifications

- > ISO9001/2000
- > CE (electromagnetic compatibility and electrical safety)
- > IBPT (Belgium) : agreement N° RTT/LR/X0163
- > Ministerie van Verkeer en Rijkswaterstaat, Rijksdienst voor Radiocommunicatie (Netherlands) : authorisation N° NL99100471
- > Cetecom (Germany) :
 - > Deutsche Baumusterprüfbescheinigung, Registriernummer D801368L
 - > Konformitätszertifikat Nummer K801369L
- > Highways Agency (Great Britain) : Statutory type approval
- > BAKOM (Switzerland) : homologation N° 98.0324.YP

Technical data

Detection range	60 m for a personal car (installation height of 4.5 m, angle of 5°, sensitivity set on 3/4)
Range of detected speed	From minimum detected speed to 160 km/h
Minimum detected speed	Adjustable from 1 to 16 km/h
Frequency	K-band : 24.1250 GHz
Transmission power	5 mW
Weight	950 g, excl. cable and mounting support
Dimensions	70 x 100 x 216 mm
Operating temperature	From - 40°C to + 75°C
Degree of protection	IP68, EN 50102 (IK)
Power supply	220 VAC +/- 10 % - 50/60 Hz
Power consumption	< 1 VA
Hold time of relay	0.5 sec
User output	Inverter relay contact Resistive load : 110 V AC 0.5 A – 24 V DC 1A Inductive load : 110 V AC 0.2 A – 24 V DC 0.3 A LED visible on front face
Reaction time	< 50 ms

