



warnings



intersection

Multifunction sensor: overspeeding + adjustable detection range

THE TMA-296 IS A MULTIFUNCTION RADAR EQUIPPED WITH 2 RELAY OUTPUTS. IT CAN DETECT VEHICLES AT INTERSECTIONS, AS WELL AS ACTIVATE SPEED WARNING DEVICES.

- ✓ "Green bonus" intersections
- ✓ Call or extend a phase
- ✓ VMS activation
- ✓ Wrong way detection
- ✓ Detection at a defined distance

SAVINGS ON BUDGETS FOR

- Road digging
- Security
- Intervention

HOW DOES IT WORK?

Each relay can be set with speed and distance conditions (min. and max. thresholds). When a speed within the chosen range is detected, the relay(s) is/ are activated, until the movement stops or does not fulfill anymore the chosen conditions.

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.

NOMAINTEANCE

No lens to clean, no calibration.

ADVANTAGES



- ✓ Shock-resistant
- ✓ Relay "over-" or "under-speeding"
- ✓ Relay "all vehicles"
- ✓ Adjustable distance of detection
- ✓ Settings without radar opening



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WHY AN ICOMS RADAR?

FIELD PROVEN AND RELIABLE

Thousands of ICOMS radars installed worldwide since 1993.

USERFRIENDLY

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

TECHNICAL FEATURES

	TMA-296 L	TMA-296 M	TMA-296 H
Detection range	Adjustable - Average: 120 m - Max. : 150 m		
Detected speed	From 3 to 200 km/h		
Detection direction	Approaching, receding or bidirectional		
Number of channels	2		
Frequency	K-band: 24,185 - 24,215 Ghz		
User output	RS-232 - 2 visible LEDs on front face - 2 relay contacts Resistive load: 30 V AC 0,3A - 60 V DC 0,3 A Option: 250 V AC - 30 V DC - 0.3 A		
Relay hold time	Adjustable		
User input	RS-232 - 2 rotary encoders		
Environmental protection	IP 65		
Temperature range	-40 °C to +60 °C		
Power supply	10-30 V AC 12-60 V DC	15-54 V AC 21-75 V DC	100-240 V AC 50-60 Hz
Power consumption	< 1.2 W @ 12 V DC	< 1.2 W @ 24 V DC	< 2 W @ 220 V AC
Dimensions	68 x 99 x 119 mm	68 x 99 x 205 mm	68 x 99 x 212 mm
Weight (excl. cable & mounting support)	0.320 kg	0.510 kg	0.563 kg
Mounting system	Double-L (supplied), adapted for M8		



STANDARDS

- Directive 2014/53/EC
- FCC Part 15B class A (for LV version powered with 12 V)
- IC ICES-003 issue 6 (for LV version powered with 12 V)

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