



warnings



intersection

## All vehicles sensor - adjustable detection range



THE **TMA-60** IS A MULTIFUNCTION RADAR WITH ADJUSTABLE DETECTION RANGE.

- ✓ call a phase up to 150 m
- ✓ extend a phase
- ✓ VMS activation
- ✓ Wrong way detection

### SAVINGS ON BUDGETS FOR

- Road digging
- Security
- Intervention

### HOW DOES IT WORK?

When a speed within the chosen distance range is detected, the relay is 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
- ✓ Detects up to 150 m
- ✓ Detects the bicycles
- ✓ Adjustable distance of detection



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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-60 L	TMA-60 M	TMA-60 H
Detection range	Adjustable: 20, 40, 80 or 150 m		
Detected speed	From threshold (4 or 10 km/h) to 200 km/h		
Detection direction	Approaching, receding or bidirectional		
Number of channels	4		
Frequency	K-band: 24,185 - 24,215 Ghz		
User output	2 visible LEDs on front face - 1 relay contact 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	1 sec.		
User input	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 205 mm
Weight (excl. cable & mounting support)	0.320 kg	0.510 kg	0.543 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)

### C&T TECHNOLOGY

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**TMA-60**