

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.



warnings



intersection



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



warnings



intersection

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)

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