

Pedestrians & cyclists detection

TMA-011

 **THE TMA-011 RADAR SENSOR ALLOWS, AMONG OTHER APPLICATIONS, TO EXTEND THE GREEN PHASE ON THE ON-CROSSING**

- ✓ For Intersections
 - adaptative green for cyclists and pedestrians
 - green phase call on bicycle path
- ✓ Activation of lighting on motion detection
- ✓ Activation of signs warning motorists of the presence of cyclists or pedestrians in the vicinity

SAVINGS ON BUDGETS FOR

- Road digging
- Security
- Intervention

HOW DOES IT WORK?

When a pedestrian or a cyclist is detected, a relay output is activated until the movement stops.

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

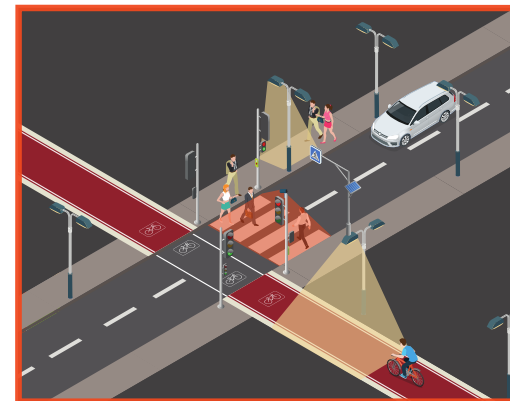
IT OPERATES UNDER ALL WEATHER CONDITIONS

Frost, snow, fog, etc. have no influence on the radar performance.

NO MAINTENANCE

No lens to clean, no calibration.

ADVANTAGES



- ✓ Settings without radar opening or software
- ✓ Self monitoring
- ✓ Bidirectional detection
- ✓ Long range up to 30 m
- ✓ Adjustable distance of detection

WHY AN ICOMS RADAR?

FIELD PROVEN AND RELIABLE

Thousands of ICOMS radars installed worldwide since 1993.

USER FRIENDLY

- 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-011 LV	TMA-011 MV	TMA-011 HV
Detection range	Adjustable : 8, 12, 16 or 30 m		
Speed range	From 0.5 km/h to 100 km/h		
Detection direction	Uni- or bidirectional		
User output	2 visible LEDs on front face - 1 relay contact Hold time: 750 ms		
User input	2 rotary encoders		
Environmental protection	IP65		
Frequency	K-band: 24.165 - 24.235 GHz		
Operating temperature	From -40 °C to +60 °C		
Mounting system	Double-L (supplied), adapted for M8		
Consumption	< 1.2 W@12 V DC	< 1.2 W@24 V DC	< 2 W@220 V AC
Power supply	10-30 V AC 50-60 Hz 12-60 V DC	15-54 V AC 50-60 Hz 21-75 V DC	100-240 V AC 50-60 Hz
Dimensions	68 x 99 x 119 mm	68 x 99 x 168 mm	
Weight (without cable and mounting support)	0.350 kg	0.460 kg	0.485 kg

OPTIONS

Power supply: LV (10-30 V AC/12-60 V DC),
MV (15-54 V AC/21-75 V DC) or HV (100-240 V AC)



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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