



bikes



data collection

Manage the flow of bicycles

📶 The **TMA-3B3** collects and reports bicycle measurement data autonomously, anywhere, anytime.

- Mobile equipment
- Solar powered
- Wireless data reporting to the server



The assets 📶

- ✓ High level accuracy: 98 % in rush hour
- ✓ Ability to count bicycles in a group
- ✓ Non-intrusive
- ✓ Day and night equal performance

📶 The **TMA-3B3** combines a RADAR sensor with a LIDAR to provide an accurate counting of bicycles on bicycle paths. The data is stored locally and forwarded to the server using a connected modem.

ABOVE-GROUND TECHNOLOGY

- Safer for the traffic engineers, who can stay on the roadside for installation
- Less expensive: no roadworks nor traffic interruption needed for the installation

OPERATING UNDER ALL WEATHER CONDITIONS

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

NO MAINTENANCE

No calibration





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

Options

- Solar power
- Wireless data modem
- SD Card

STANDARDS



The TMA-3B3 complies with the European Directive 2014/53/CE, with Part 15B class A of the Federal Communications Commission (FCC) and with IC ICES-003 vers. 6.

TECHNICAL FEATURES

	TMA-3B3
Detection direction	Both directions
Dimensions	L 240 x H 190 x D 135 mm (connector included)
Weight	< 2 kg (sensor only)
Environmental protection	IP65
Mounting system	Specific mounting system supplied, adapted for M8
Operating temperature	From -20°C to +60°C
Power supply	12 V
Consumption	280 mA @ 12 VDC
Frequency	K-band - 24.190-24.210 GHz + LIDAR
User input	RS-232
User output	RS-232

Log
V0.2 - CBA - 31/10/2018

Specifications subject to change without prior notice