



📶 The **ITVP-2** is an “all-in-one” microwave sensor for traffic signal regulation.

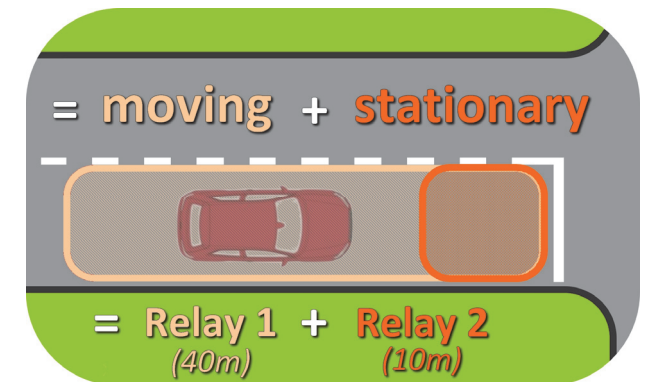
- ✔ Virtual approaching inductive loop
- ✔ Virtual stop-line inductive loop
- ✔ Bicycle, motorcycle & vehicles movement detection
- ✔ Bicycle, motorcycle & vehicles presence detection



The assets

- ✔ 1 single radar to replace 2 inductive loops
- ✔ Settings without radar opening or software

One **ITVP-2** radar



What does it mean? Savings on:

- € Road digging & cuttings budget
- € Traffic engineer’s safety infrastructure budget
- € Traffic engineer’s team budget

How it works? When a vehicle approaches and/or stops in the targeted area, a relay output can be activated until it leaves the zone.

📶 Why a radar?

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

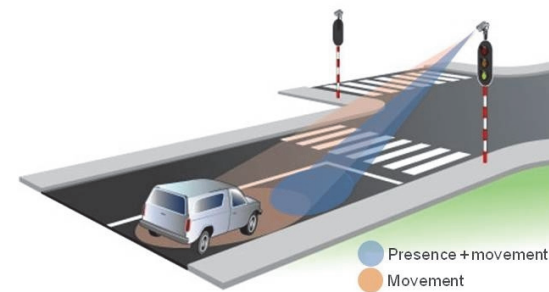
IT OPERATES UNDER ALL WEATHER CONDITIONS

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

NO MAINTENANCE

No lens to clean, no calibration

STATUS: PRODUCTION PHASE!
TRIAL UNITS AVAILABLE UPON REQUEST!



Why a radar ICOMS?

COMFORT:

- Detachable cable at the bottom
- Delivered ready to install, i.e. including cable, fixing support, screws and bolts
- Settings adjustable without radar opening & software
- Extended operating temperature: -20°C / +60°C

Settings (encoder):

- Maximum presence timer
- Virtual loop size

Options (coming soon)

- 230 VAC

STANDARDS



Electromagnetic compatibility and electrical safety: the ITVP2 complies with the essential requirements and other relevant provisions of the European Directive 2004/108/CE.

TECHNICAL FEATURES

ITVP-2

Recommended installation configuration (for a medium sized car, installation height : 4.5 m)	Min. 1.5 m from stop-line Up to 2 m from roadside
Detection direction	Approaching
Detection range	Up to 40 m
Detected speeds	Up to 110 km/h
Dimensions	68x100x165 mm
Weight (without cable & mounting support)	0.900 kg
Environmental protection	IP65
Mounting system	Specific mounting system supplied, adapted for M8
Operating temperature	From -20°C to +60°C
Power supply	10-42 VAC/10-60 VDC
Consumption	120 mA (1W) @ 12 VDC
Frequency	K-band - 24.125 Ghz
User output	Visible LED on front face – 2 inverted relay contact

Log

V1.5 – CBE- 14/03/16 – Pictures – Prod phase - assets

Specifications subject to change without prior notice