



📶 The **I-COUNT** microwave radar is designed to collect traffic data simultaneously on multiple lanes and transmit it to a data collector for further processing.

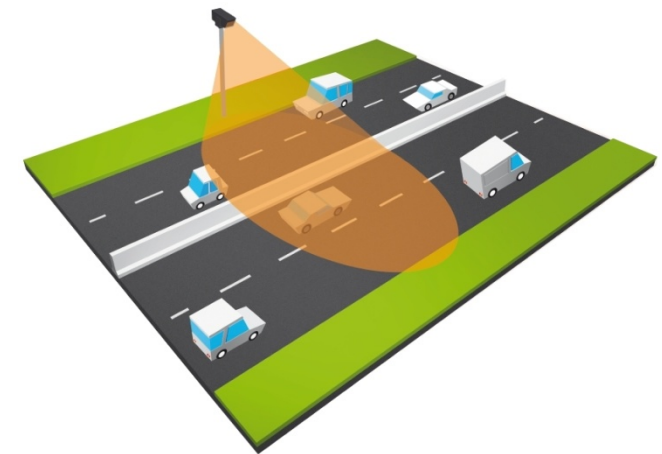
For each measure, the I-COUNT sends the direction, lane, speed, length, time of detection of the vehicle. Compact and light, it is easy to install and doesn't require civil works nor traffic disruption.



The assets

- ✓ side-fired & 4,5 m. installation height
- ✓ low consumption (2 W.)
- ✓ cost effective: focused on 2 x 2 lanes
- ✓ above ground technology
- ✓ operation under all weather conditions

98% speed & volume
accuracy compared to
road tubes!*



📶 Why the **I-COUNT** ?

PRACTICAL

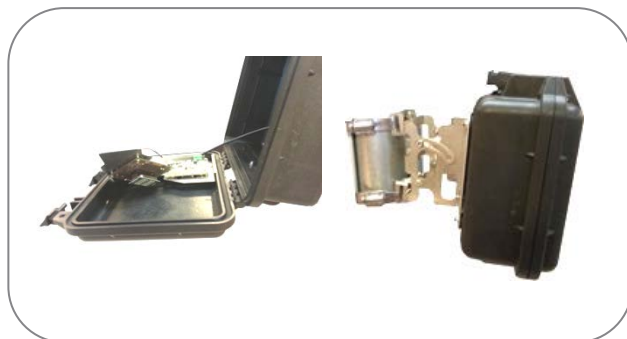
- no maintenance;
- delivered ready to install, i.e. including waterproof housing, power and communication cable and universal fixing support.

COMFORTABLE

- side-fired installation: 20 m range, installation height from 4 m;
- standard communication interface: RS232;
- transmitted data: time, speed, length, direction and distance of the detected vehicle (from the radar).

RELIABLE AND EFFICIENT

- fully weather protected housing;
- extended operating temperature range: from - 20 °C to + 70 °C;
- all weather conditions: dust, heat, intense cold, humidity ... have no influence on the radar's performances;
- Installation above ground.



Settings

No setting requested!

- o Mph: UK version available

Format: vehicle per vehicle

- o ttt, yyyy/mm/dd HH:MM:SS.TTT, (+|-)SS.S, +LLL.L, +RRR.R
- o S = Speed; L = Length; R = Range

STANDARDS & APPROVALS



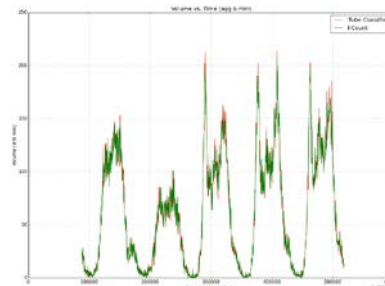
CE (electromagnetic compatibility and electrical safety) : the I-COUNT radar complies with the essentials requirements of Article 3 and the other relevant provisions of the R&TTE Directive 1999/5/CE, when used for its intended purpose (Article 3.1.a : EN 60950 ; Article 3.1.b : EN 50082-2 ; Article 3.2 : EN 300 440-2)

Traffic management!? YES

Traffic data collection!? YES

Can I build added value on it!? YES

Do the 2 antennas reduce masking effect!? YES



Green : I-COUNT RADAR

Red : Road tubes

TECHNICAL DATA

Frequency	K-Band : 24.125 Ghz
Range of detected speed	About 30 - 200 km/h
Protection level	IP64
Power supply	12-20 V DC
Power consumption	2 W @ 12V
Transmitted power	< 10 mW
Operating temperature range	From - 20°C to +70°C
Dimensions	245 x 270 x 230 mm, mounting system included
*Accuracy	Speed : 98 %
trial vs road-tubes	Counting : 98 %
2x2 lanes ; 5 days ; 75.000 vehicles	2 length classes (+/- 1,5 meters)
Interface	RS232
	Optional : RS485, GPRS, BT

Issue rec : V1.5 – CBE - 20/07/15: Format + 23/07/15 speed range rounded off

Specifications subject to change without prior notice