# Evolis Speed Indication Device

## European Designed & Manufactured

With more than 8000 units installed world-wide, the Evolis Speed Indication Device is the product of choice for an all in one radar and data collection device. Not only does it present a sleek European design, it has also been built using the best components giving it a reputation for being one of the most energy efficient and reliable units in the market.

The Evolis Speed Indication Device is easily configured and installed to educate motorists of their travel speeds. It helps to reduce overall excess traffic speeds, particularly in high incident areas. Utilising the optional built in data logger, road asset owners can gather and analyse traffic speed data on specific roads so that they can make informed planning decisions on road safety.

**YOUR SPEED**

**DANGER**

## Rugged          Efficient          Proven

# Features





## Rugged

- Anti-corrosion, anti-UV treatment plus unit sealing ensures long term resistance, strength and durability

- Injected ABS resin waterproof housing with integrated hooks

- Lockable permanent mounting bar made of injected ABS resin, mounted on poles with brackets (sold separately)

- Front face made of tough polycarbonate, fixed to the casing with mechanical clip and gasket seal

- Waterproof IP66 housing for 2 batteries, USB port, dial selector and power adaptor

## Efficient

- Installed in minutes by one person

- Optional 1 or 2 way traffic flow statistics

- Optional pre-configured speed/text display settings prior to installation

- Accompanying EVOCOM software for settings configuration plus data analysis

## Proven

- More than 8000 units installed world wide

- 34cm high speed digits (red/amber/green), a large amber text template and ultra-high brightness LEDs

- Optional Bluetooth connection so the operator can stay in the vehicle to change settings or download traffic data

- Optional 3G to communicate remotely from anywhere via a secure web interface

# Technical Data

## Radar Sensor

| | |
|---|---|
| Doppler Radar: | 24.125 Ghz |
| Detection range: | 10-250 metres |
| Detection angle: | 17 ° |
| Accuracy: | +/- 1km/h (travelling at 100km/h) |

## Display

| | |
|---|---|
| LED: | 3 digits |
| Colors: | Red, Amber and Green |
| Size of digits: | 340mm |
| Text display (Matrix): | 640mm x 160mm (64 x 16 pixels) |
| | 1 line of 7 characters 160mm high |
| | 2 lines of 10 characters 70mm high |
| Visibility: | 250m |
| Refresh: | 1.2 seconds (configurable) |

## Housing

| | |
|---|---|
| Dimensions: | H: 700mm x W: 709mm x D: 170mm |
| Housing: | Injected ABS resin, grey RAL 7035 |
| Front face: | Polycarbonate |
| Waterproof: | IP66 |
| Weight: | 8kg (without batteries) |

## Connections

| | |
|---|---|
| USB: | USB2 |
| Wireless (Optional extra): | Bluetooth or 3G |

## Power Supply

| | |
|---|---|
| Battery: | 12V / 21Ah (sold separately) |
| Autonomy: | Matrix: 4 / 8 days |
| Recharge (Options): | Solar, Public lighting and Mains |

NOTE: *Posts and brackets sold separately. Standard recommended post and brackets are 76mm OD post and 3 x 300mm buckle straps.*

## Accessories (optional)

Touch pad 10' with Evocom/Evograph software pre-installed.

# Evocom Software

## Advanced Configuration & Statistic Analysis

Evocom PC software, provided free of charge, is featured with a user-friendly interface for advanced configuration: specific speed ranges, speed increments, data recording function (*), text messages, time slots etc...
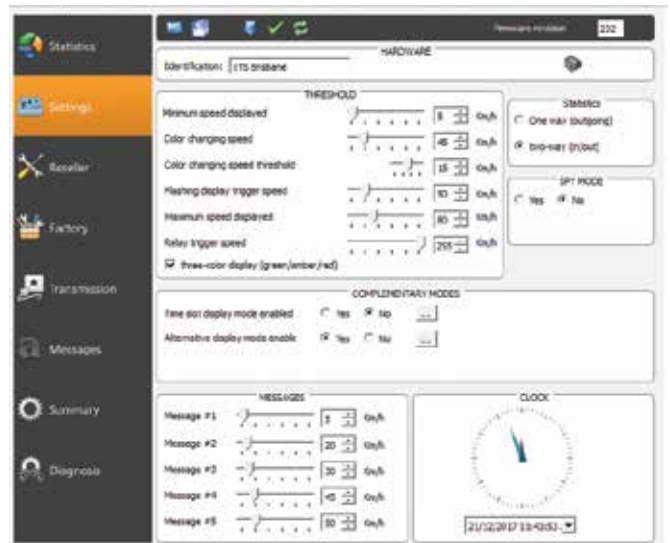
(*)Data recording function (one way / two way traffic flow statistics) purchased separately.

## Optional Extras

- Bluetooth Connection
- 3G Connection
- One way Traffic Flow Statistics
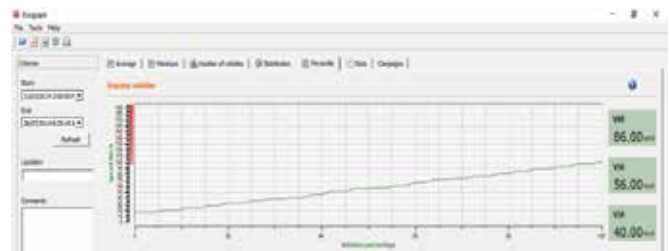- Two way Traffic Flow Statistics

Most options can be activated on-site without returning to i:TS by entering a software activation key (excludes 3G).



Settings configuration screen



Unit performance summary screen



A wide variety of data analysis available

# User Benefits

## Evolis Solution Matrix

### High Scalability
The later on-site add-on options (Bluetooth connection, statistics and double-sided statistics) enables the end-user to spread expenses over time and improve the product with new functionality.

### Several Power Supply Options
Evolis Speed Indication Devices operate with standard 12V/21Ah batteries. Recharge options available are an independent charge, a mains and public lighting adaptor, or with a solar panel.

### Quick & Safe Mounting
Thanks to its strong ultra-light injected ABS resin housing and mounting bar for existing pole, Evolis Speed Indication Devices can be installed rapidly.

### Easy Data Processing
By connecting via USB, 3G or Bluetooth to Evolis, you can directly export traffic data and generate charts relating to the amount of incoming and outgoing vehicles, average and maximum speeds, distribution of vehicles by speed range and easily export data as MS Excel or Adobe PDF files.

### Reliable & Resistant
Anti-corrosion, anit-UV treatment plus unit sealing ensures long term resistance, strength and durability.

### Easy Set-Up
Evolis Speed Indication Devices feature a dial selector for immediate set-up according to pre-set speed zones. Intuitive Evocom software enables advanced configuration.

Evolis Speed Indication Device intuitively displays text messages according to detected speed.