

Bluetooth Journey Time Solution

MVIS' newly developed Bluetooth Journey Time Solution utilises Bluetooth and Wi-Fi information from passing traffic to calculate average journey times. These are then displayed on any number of MVIS' variable message signs (VMS), to inform road users of any journey disruption, providing them with the opportunity to take an alternative route.

Developed to provide a quicker and more cost-effective solution to the traditional journey time solution, the Bluetooth detectors can be fitted on and run from the VMS's solar/battery power supplies meaning that no additional plant is required. Primarily designed for short term deployment where traditional ANPR Journey Time Solutions were not viable due to the setup time. Bluetooth JT-enabled VMS can be deployed as easily as a standard VMS with the configuration carried out remotely, making it ideal for overnight diversion routes.

Alternatively, the system can be used for longer deployment where the provision of power is an issue.



Key Features

Bluetooth Scanner Key Features

- Portable and easy installation
- Range of mounts and brackets available
- Data transmitted to cloud server providing real-time view of diversion impacts
- Capable of detecting Bluetooth and Wi-Fi IDs up to 70mph
- Able to identify safety issues in real-time such as incidents that impact on journey time reliability
- Low power consumption

VMS-C Key Features

- Full text and pictograms
- Non-glare, UV resistant polycarbonate
- Speed radar device – can display and log vehicle speeds
- Security features – satellite tracking
- Highest quality LEDs
- Solar powered / environmentally friendly
- Plug and play controller and LED modules
- Programming options – laptop on site, modem, SMS, internet or app
- Windows-based software

Technical Specifications

VMS-C Trailer EU Type Approved

- Overall length:** 4050mm
Travel position: Width 1980mm, height 2680mm
Operating position: Width 2730mm, max height 4030mm
Weight: 1020kg
Coupling: 40mm towing eye / quick release, 50mm ball

VMS-C Power

- Voltage:** 12V
Solar Panels: 2 x tilt and rotate 240w panels
Batteries: 3 x 12V deep cycle 200A
Solar Controller: Dual Victron MPPT
Operation on batteries / solar: Indefinite under recommended conditions

VMS-C Display

- Display Type:** LED full matrix
Display Size: 2730mm x 1850mm
Communication: SMS, internet, satellite, web based, serial
Matrix: 48 x 28
Enclosure: Aluminium IP54 equivalent
Screen: Non-glare UV polycarbonate
Brightness Control: Automatic and manual
Display Lifting: Hydraulic lift system