MVIS

Mobile Visual Information Systems

Journey Time Solution (JTS)

A comprehensive, cost-effective and stand-alone solution for short-term road works projects.

Incorporating the latest software and hardware technology, it was developed in response to interest from a leading infrastructure services supplier and reflects MVIS' on-going dedication to developing innovative ITS solutions in partnership with public and private sector traffic management organisations.

MVIS' JTS enables road users to make informed decisions about how to minimise journey disruption, warning of delays and advising of their extent, providing users with the opportunity to take an alternative route if necessary. It incorporates a VMS of either size, two Jenoptik Vector integrated ANPR cameras, MVIS' Web Studio™ sign management software and two of MVIS' Solar Intelligent Platforms (IP).

The VMS-A sign and first Solar IP are deployed towards the entry to the road works and second Solar IP in advance of an exit. Journey time information gathered using the Vector cameras is transmitted via a cloud server, and Web Studio™ is used to display the details on the sign, allowing road users to decide whether to endure the road works or take the exit to embark on a diversion.

Available for hire throughout the UK, it is portable and can be quickly and easily installed without the need for civil engineering or external power provision. Journey Time Solution is also available as Bluetooth JTS, Tom-Tom JTS and Datex JTS.

MVIS Units 6-8, Brookfield Way, Brookfield Industrial Estate, Tansley, Matlock, Derbyshire. DE4 5ND
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MVIS DATA SHEET

Journey Time Solution (JTS)

Technical Specifications

ANPR Camera Sensors

Sensor type and size: Sony Progressive Scan 1/3"

Format and resolution: Digital, 15fps, 1360 x 1024

Field of view: Up to 5 metres at specified range

IR filter: 70nm narrow band pass filter

Illuminator

Wavelength options: White, yellow, 880nm IR, 940nmm IR

Source: High power LED array

Processor

ANPR: Integrated high-performance Vysionics Hawk system

Communications: LAN and integrated 3G or IEEE802.11n

Time: Integrated GPS receiver

General

Operating temperature: -10°C to 50°C

Power supply: 18-24V ac/dc

Weight and dimensions: 3.8kg, 230mm x 177mm x 125mm (exclude sunshield)

Rating: IP66

VMS Display

Display type: LED full matrix

Display size: 1610 x 1040mm

Communication: GSM, SMS, internet, satellite, web-based, bluetooth, serial

Matrix: 48 x 28

Enclosure: Aluminium IP54 equivalent

Screen: Non-glare UV polycarbonate

Brightness control: Automatic, 150 brightness levels

Display lifting: Electro-hydraulic lift

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