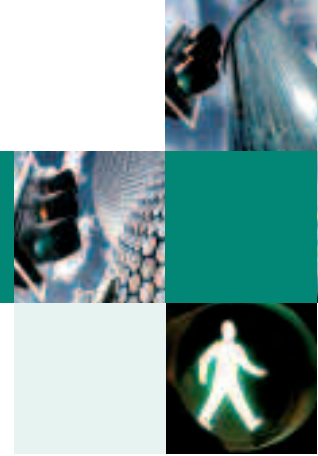


# LED VMS

## Variable Message Sign



### Objective

To provide a high impact sign to reduce the risk associated with the displayed warning.

### Features:

#### Displayed Sign

The VMS displays either a blank black face or when activated a legend compliant with the requirements of TSRGD 2002.

When activated this will display the following features:-

- A constant illuminated red triangle 900mm in height
- A wide range of constant white illuminated symbols (for example the T-junction illustrated) can be built
- "Slow Down" text height 225mm displayed in white

### Activation & Detection

The VMS is designed to be activated with the Microsense ADD detection range which can be mounted directly onto the top of the VMS housing. Alternatively the VMS may be activated directly via a controller, timer or other such method.

### Electrical

Operation voltage 24Vd.c. +/- 20% or 230V c +10/-13% 50+/- 4% Hz

Power consumption 25W maximum

Unit is compatible with combined solar/wind/battery stand alone power supplies

The VMS is compliant with EN12699

### Environmental

Aluminium casing & powder coat finish – colour RAL9005

Aluminium front facia in matt black finish

Cable entry via 25mm cable gland on rear panel

The product operates over the temperature range of at least -20C to +60C

IP rating of IP65. Impact protection rating of IR2

Weight 60Kg maximum

**Statistics show that the use of vehicle actuated VMS in high risk areas such as schools, pedestrian zones, densely populated areas or 'black spots' can significantly reduce the level of incidents and risk to both pedestrians and motorists.**

The LED technology of the VMS provides a long working life with low power consumption and minimal basic maintenance requirements.

### Examples of signs



A wide range of designs conforming to conventional road signs specified by TSRGD can be produced. Prices on request.

### EMC

The VMS is compliant with EN50293

### Warranty

The product comes with a 5 year return to base warranty

### Sales

For further information email [sales@tseu.net](mailto:sales@tseu.net)

**TSEU GROUP**

Microsense Systems  
Traffic Signals UK



### Head Office

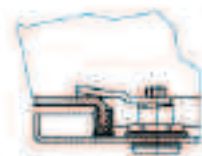
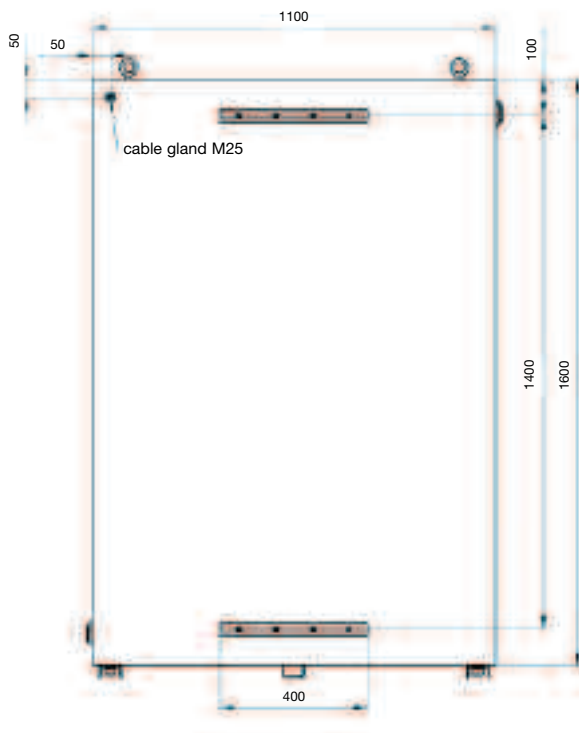
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# LED VMS



## Specifications: Mechanical Design

Bottom View



Detail Lock



Detail Hinge

Top View



## Foundation & Mounting

### Pole

- Diameter 114mm minimum
- Wall 5mm minimum
- Length 4550mm based on 2100mm sign mounting height

### Foundation

- Volume 1300mm x 1300mm x 800mm deep minimum
- Earth cover 150mm minimum
- Foundation subject to ground & ground water conditions