

The Siesign variable message sign system is designed to provide highly visible and concise information to drivers, enabling them to be better informed, reducing traffic congestion, shortening journey times and lowering pollution levels. Siesign is designed to be highly configurable, adaptable, and flexible to meet many different requirements and comply with the Highways Agency specifications. These include TR2136, TR2516 and TR2130B as well as British Standard BS EN50293.

#### Driver information signs

Driver information signs are available in a variety of different character and line lengths, and can be supplied with or without flashing lanterns. Doors on the rear of the enclosure enables safe access for maintenance purposes. Siesign driver information signs can be mounted on either standard poles or monopoles.

#### Car park guidance signs

Car park signs are typically supplied with multiples of 6 or 12 character modules, with each car park or zone being represented by one module. These signs are available with two types of enclosure, modular or fully enclosed. In the modular variant, the character modules are housed in small enclosures that are mounted to the rear of a flat plate sign.

#### Interfacing

Siesign can be controlled by various Siemens systems including UTC, RMS and Comet. For a fully UTMC compliant installation system we recommend Comet. Interfacing with third party installations requires that the host installation system be fully UTMC compliant.

#### Communications

Siesign comes with a variety of communications options that include UTMC compliant Ethernet, Fibre, DSL and GPRS modems. Other options such as PSTN and non-UTMC mobile network options are available.



- Cost-effective and flexible design
- Car park guidance and driver information variants
- 100, 160 and 240mm character heights
- Reliable and efficient LED technology
- UTMC compliant interfacing
- Multiple communications interfaces
- Fully compatible with Siemens UTC, Comet and DUSC systems

## Siesign variable message sign system

Traffic Solutions

**SIEMENS**

## Environmental features

The enclosures are designed to IP55, the required standard for urban variable message sign applications, which ensures the signs can withstand the variable European climate. Heaters are positioned within the enclosures to ensure condensation does not build up and cause damage to the internal electronic systems or misting of the display.

## Monitoring features

Siemens Siesign has a sophisticated electronics module that continually checks the sign for correct operation. Display monitoring is carried out at character level and with fault status is reported to the instation. The sign can be programmed to show a blank or defined message if communication between the instation and the sign fails.

## Installation, commissioning and project management

Siemens provides customers with a complete solution that includes installation and commissioning. For large projects, we recommend use of Siemens project managers who can oversee all aspects of the project through to completion.

## Technical specification

### Electrical

- Power supply: 90V-255V AC
- Supply frequency: 50/60Hz

### Power consumption

#### Driver information:

- Main electronics: 10 Watts
- Display (per character 160mm, 240mm): 2.8 Watts
- Display (per character 100mm): 0.8 Watts
- Heater: 135 Watts

#### Car Park information:

- Main electronics: 10 Watts
- Display (per character 160mm, 240mm): 2.8 Watts
- Display (per character 100mm): 0.8 Watts
- Heater: 32 Watts

### Display module options

- Character sizes: 100, 160 and 240mm
- LED colour: Amber
- Driver information: 9, 12, 15 or 18 character line lengths (max. 90 characters)
- Car park: 6 or 12 character modules (max. 72 characters)

### Environmental

- Temperature range: -15°C to +60°C
- Humidity: 0 to 100% condensing
- Protection: IP55



**For further information, please contact:**  
Siemens Mobility, Traffic Solutions, Sopers Lane, Poole,  
Dorset BH17 7ER UK

Telephone: +44 (0) 1202 782000  
E-mail: sales.stc@siemens.com

[www.siemens.co.uk/traffic](http://www.siemens.co.uk/traffic)

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