



Variable Message Signs (VMS)



Coeval is a specialist in robust, LED road sign-based systems that advise, inform, educate and protect. With a single sign that serves multiple functions, **Variable Message Signs (VMS)** are an ideal signage solution for influencing road user behaviour. Coeval supply a complete range of motorway VMS, from single line to full colour matrix, and urban VMS with a wide range of pictograms and text messages.

Intelligent VMS can be used to support a number of measures from road safety to air quality; every 4 minutes, someone is injured on a British road and poor air quality is the biggest environmental threat to health in the UK with up to 36,000 deaths a year attributed to long-term exposure (Public Health England, March 2019).

There were 1,748 road deaths in the year ending June 2019, as reported by the DfT (30 July 2020). The statistics also show there were 153,315 casualties of all severities in reported road traffic collisions in 2019. This is 5% lower than in 2018 and is the lowest level since 1979. The Environment Audit Committee has estimated that total health costs, due to air pollution, range between £8.5 billion and £20.2 billion a year.

Utilising intelligent signage to influence road user behaviour and increase the attractiveness of active travel (walking and cycling), by improving safety and comfort, can support road safety and the improvement in air quality.

Coeval's VMS are modular in design and can be supplied in one, two or full colour, in varying sizes, and from 12mm to 25mm pixel pitch. We also supply a wide range of parking, tunnel and toll signage.

KEY FEATURES & FUNCTIONALITY

- Cloud Control application for remote monitoring and control and data provision
- Brightness control via either a timetable or light sensor
- Multiple interfaces: RS 232, RS 485, Ethernet, Profibus, Bluetooth, Wireless, Wi-fi and GSM/GPRS, UTM compatible
- LED detection and error reporting
- Temperature monitoring and control
- Data logging of activities, with downloadable files via GPRS, or locally via a tablet
- Site surveys and design assistance
- RGB available

SERVICES

- Site surveys
- Extended warranty options
- Maintenance regimes
- Data analysis



Our solutions are designed to be easy to install and maintain and, once active, provide a safer environment for us all.



Our range of VMS are also:

- More easily noticed by drivers than static signs
- Visible in all conditions, including at night
- Flexible to your needs – displaying different speed limits / messages as required
- Remotely controllable using our cloud-based software



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SPECIFICATION OVERVIEW

- **Certificate:** EN12966-1:2005+A1: 2009
- **Case Construction & Housing:** Maintenance free, aluminium powder coated housing resistant to dust, rain and/or snow, IP65 Enclosure rating
- **Text Heights:** 60mm, 100mm, 160mm, 240mm, 320mm and 400mm
- **Symbol Heights:** 300mm, 450mm, 600mm and 750mm (other sizes available on request)
- **Conspicuity Devices (optional):** 120mm (other sizes available on request)
- **Power Options:** Mains power, switch mains with battery backup, solar and wind options
- **Detection Equipment:** Third party type approved



Disclaimer: All Information contained in this document is up-to-date and correct at the date of issue. E&OE. Issue no: 2 - 22.3.22

Speak to our experts, contact us today on 0141 255 0840

ABOUT US

Coeval delivers infrastructure technology that advises, informs and influences road users to help create a safer environment for us all. Visit our website to see our wider solution offering.

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COEVAL

Intelligent illumination

