

**WARNING
SIGNS
FOR SAFETY**

SAFEWATCH

VEHICLE AND TIMER ACTIVATED SPEED WARNING SIGNS



Variable Message Signs Limited are committed to producing high quality and relevant signage for all aspects of driver information, especially road safety.

SAFEWATCH is a range of interactive traffic signs which can be vehicle and/or timer activated based on sound technology solutions that offer a camera-free option for ensuring safety and driver awareness.

Speed Warning Signs Vehicle Activated

A range of vehicle activated speed warning signs are available to warn drivers of speed and hazards. Various options are available to suit all requirements. Speed warning sign activation is triggered by vehicle detection, using above-ground microwave detectors, or by induction loops buried beneath the road surface.

Safer Routes to School Signs Timer Activated

In response to the Government's Safer Routes to Schools Initiative, VMS Ltd offer a range of signs specifically designed for use on busy roads in the vicinity of schools and other pedestrian zones. UK records show that the highest proportion of child pedestrian casualties, linked to road accidents, occur during the school journey. Timer activated signs operate during pre-set hours, for example, to coincide with school opening and closing times.

Display Formats

The vehicle and timer activated signs present a range of coloured text and pictograms, programmed to suit the requirements of a specific application. The display options include text, simple warning lights, and pictograms – or any combination of these formats.

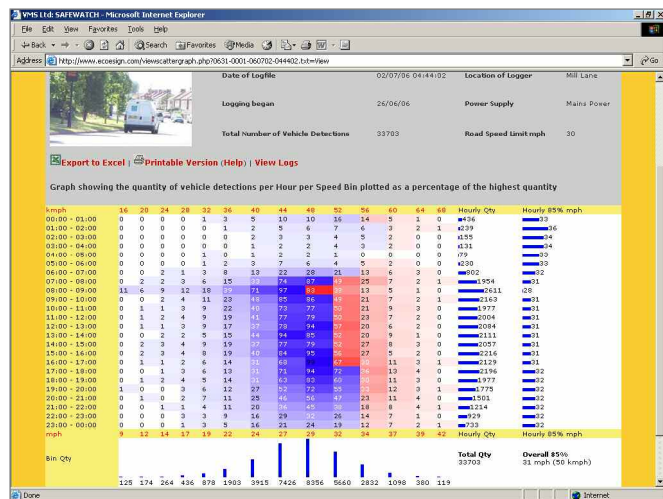
LED Optics

The LEDs at the heart of the Safewatch signs are fully proven and tested over many years of use in a variety of applications. The modules are specifically designed for low power consumption, with a typical life expectancy of 100,000 hours (normal filament bulbs are rated at only 3,000 hours).



Vehicle and Timer Activated Signs: Product Guide

Group	Sign Type	Description	Dimensions mm	Mounting Post Diameter mm	Weight kg
TIMER GROUP 1	Type 4004 Twin Amber Flasher (wigwag):	Post mounted, used in conjunction with fixed signs.	195w x 1035h 28d	76	4.5
TIMER GROUP 1	Type 3 Safer Routes Sign with separate Twin Amber Flasher (wigwag):	Fixed '20 mph when lights flash'	550w x 965h x 4d	114	4.5
TIMER GROUP 2	Type 2 Safer Routes Sign:	Fixed '20 mph when lights flash' with built in flashers	975w x 1480h x 28d	114	23
TIMER GROUP 3	Type 1 Safer Routes Sign:	Fixed 'school sign, school and 20 mph when lights flash'	940w x 1790h 28d	114	30
VAS GROUP 4	Advance Safer Routes Sign:	Timer and vehicle activated sign used in rural areas for advance warning of 20 mph zone	975w x 1480h x 28d	114	27
VAS GROUP 5	Small Speed Sign:	Vehicle activated sign, options of a 450mm speed roundel or SLOW DOWN or combination.	600w x 800h x 28d	114	24
VAS GROUP 5/6	Mid Size Speed Sign:	Vehicle activated sign., typically 600mm diagram (red triangle sign e.g. crossroads or red speed roundel) without additional text	800w x 1110h x 28d	140	25
VAS GROUP 6	Mid Size Warning Sign:	Vehicle activated sign, typically 600mm diagram (red triangle sign e.g. crossroads or red speed roundel) with SLOW DOWN characters up to 150mm high	1000w x 1500h x 28d	140	30
VAS GROUP 7	Medium Warning Sign:	As group 6 with larger dimensions, typically 750mm diagram with characters up to 150mm high	1200w x 1800h x 28d	140	35
VAS GROUP 8	Large Warning Sign:	As group 6 with larger dimensions, typically 900mm diagram with characters up to 240mm high	1400w x 1950h x 28d	140	42
VAS GROUP 9	Extra Large Warning Sign:	As group 6 with larger dimensions, typically 1200mm diagram with characters 240mm or larger in height	1600w x 2300h x 28d	140	45



Power Source

As standard, the signs are powered by mains supply however, battery, solar and wind power options are available.

Data Logging

Also optional is the Safewatch capability of recording, monitoring and reporting traffic flows. Vehicle detection units capture data and a simple web-based graphical interface provides an overview of vehicle speeds and traffic density from any internet-connected PC. Raw data is easily extracted to enable detailed analysis and reporting.

Notes:

- Type Approved.
- LED technology for high visibility, low operational cost and extremely low maintenance.
- Accredited installation and commissioning offered for all Safewatch products.



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