

40km School Zone Sign

Introduction

Our 40 Km/h School Zone sign is designed to provide a safer environment around schools for children, parents and teachers by temporarily reducing the speed limit during high risk periods ie school start & end times and other special school related events.

The sign incorporates flashing wig wags and (LED) components which are only displayed at programmed times, making the sign more effective by enhancing driver awareness.

Combined solar power and wireless communication means the signs are self sufficient and don't incur any expensive installation costs generally associated with power and communication line trenching and routing.

Signs for speed zones other than 40km are available upon request.



Features and Benefits

- **NZTA Compliant**
 - **LED Technology**
 - **Timer based activation**
 - **Solar panel charging system**
 - **Wireless controller**
 - **Optional power sources**
 - **Built in data logger**
 - **Optional Alarms**
(Tamper/ Faults/ Power outage)
- Designed to meet NZTA Traffic Notes 37 & 56
 - Low power consumption and low maintenance cost
 - Signs activate at the start and end of school days only
 - Can be installed in areas where no local power supply available
 - Control of the sign is done by wireless communication
 - School Zone signs can be powered from street light power if available
 - Records activation times to legally support any law enforcement
 - The system can send a SMS text message to alert supervisor of an issue



HTL Code: *MV SZS40*
NZTA Code: *R1-6*
Size: *800mm x 800mm x 165mm*



HTL Code: *MV EWSCONT*

Sign Specifications

HTL Code	MV SZS40
LED lights	5mm diameter LED's Red (610-760nm, Amber (590-610nm)
Pixel Pitch	16.25mm
Viewing Angle	20-30 degrees
Screen Refresh Rate	200Hz
Enclosure Rating	IP65
Cabinet Dimensions	800mm wide x 800mm high x 165mm deep
Cabinet Colour	Powder coated black front with aircraft grey on side and rear
Cabinet Material	Aluminium
Weight	25 Kg w/o batteries (47Kg w/ batteries)
Sign Design Life	10 years
Warranty Period	12 months
Amber Light Sensor	Yes - located on top of sign housing
Corner Wig-Wag Lights	Yes - 4 x Amber 100mm diameter
Wig-Wag Flash Rate	1Hz
Operating Voltage	230V AC main option, 12v DC solar option
Operational Current Draw	min. 340 milliamps, max. 1.28 Amps
Standby Current Draw	285 milliamps
Internal System Voltage	5v DC
Sign Activation Indicator	40mm amber indicator light on rear of sign cabinet
Datalogger	Yes
Datalogger file format	CSV (Comma Separated Value)
Datalogger capacity	64,000 events
Datalogger recorded values	Day, Month, Year, Hour and Minute of Activation



Radar Specifications

HTL Code	MV EWSCONT
Housing Dimensions	218mm wide x 163mm high x 60mm deep
Weight	1 Kg
Operation Modes	Automatic 7 day timer, or Manual 10 minute over ride
Timer Mode	7 day per week, 24 hour per day programmable
Radio Frequency	458.6 MHz
Maximum Transmit Power	500 milliwatts (-3.0 dBW)
Effective operating range	2000 meters (line of sight)
Operating Voltage	12 v DC utilising 230V AC 2 Amp
Operating Current Draw	400 milliamps
Standby Current Draw	100 milliamps



Static Signage



TCD: RS6



TCD: RS61



TCD: RS6V

