



TWM TRAFFIC CONTROL SYSTEMS

MPH Speed Control Sign



With SLOW DOWN Safety Message Below

These Inter-active Vehicle activated sign have also been designed to mirror the regulatory maximum speed limit sign (Diag 670) described in the TSR&GD but have the added addition of 4 corner flashers and a SLOW DOWN safety message that activates along with the speed display. These signs are available with a single fixed display or multi variable display. Depending on your requirement the sign could display "30" when positioned at site on a 30mph road, then moved to a site on a 40mph road where the display can be switched to "40". The sign is also available without the corner flashers.

Manufactured from 3mm aluminium and powder coated Black Front & Back. The rear is fitted with aluminium channel rail for easy post installation.

The light output of the directional LED display is controlled via the inbuilt photo cell, achieving best performance whatever the light or weather conditions.

The MVD is discretely positioned within the sign body, showing no external traces of a detector, yet allowing maximum detection. The MVD is easily programmed via a Netbook / Laptop computer, the lead is connected via a USB Interface Connector on the front of the sign which makes on-site adjustment simple and easy. This sign has Addition of a SLOW DOWN safety message below the roundel and 120mm Diameter Amber Flashers in each corner for enhanced visibility.

Measurements:

- ✓ Display Diameter: 450mm / 600mm / 750mm / 900mm

Numerical Display: Between 10mph and 60mph

Text Size increases with size of roundel (1/4 of the roundel diameter)

Key Features:

- ✓ Multi-stage dimming
- ✓ Fully enclosed anti-vandal unit
- ✓ 230 or 12 volt operation
- ✓ Virtually No maintenance
- ✓ Sizes and display as the TSR&GD
- ✓ High performance LED output
- ✓ Lightweight robust aluminium casing
- ✓ Channel rail on the rear for easy installation
- ✓ Quick & easy mounting facility for moving around different sites

Options:

- ✓ Solar Powered Option
- ✓ Radar or loop activation
- ✓ Optional data recording facility
- ✓ Optional remote access



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Electrical data

Rating	230VAC, 50/60hz
Power Consumption	Low Power Design
Peak (All LEDs active)	Design Dependant

Radar sensor

Type	CW Doppler
Operating Frequency	K-Band (24GHz)
Power Usage @ 4Hz	100m <65mW 200m <170mW 400m <65mW
Beam Angle	38° x 45° 32° x 30° 24° x 12°
Output Capability	RS232 or RS485 or USB
Detection Range	min. 100m max. 400m Typ. 200m
Operating Speed	1mph – 150mph
Certification	CE approved

LEDs

Brand	Cree 5mm Round LED
Colour	White and Red
Viewing Angle	30°
Operating Temp	-40° + 95°
Life Span	Over 50,000 hours
Lens	5mm Polycarbonate

Mechanical data

Continuous/Discontinuous	Discontinuous
Enclosure	3mm Aluminium
Finish	Powder Coated
Colour	Black
Protection Degree	IP55
Operating Temp	-15°C to + 60°C
Impact Resistance	CCM
Vibration	CCM
Certification	EN 12966:2014 CE Approved



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