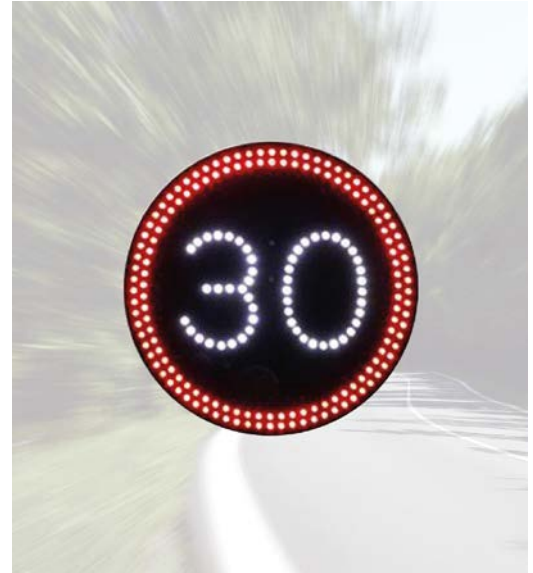




TWM TRAFFIC CONTROL SYSTEMS

MPH Speed Control Sign



LED SPEED CONTROL SIGN with Alternating SLOW DOWN Safety Message

In line with the vehicle activated sign detailed above this new shape Inter-active sign has been designed to mirror the regulatory maximum speed limit sign (Diag 670) as described in the TSR&GD.

The sign can alternate between two displays, a speed limit indicating "30" then a text display of SLOW DOWN. Each will be displayed for a pre-set period.

The sign is available with a single fixed display or multi-variable display. Depending on client requirements. The sign can display "30" when positioned on a 30mph road, then switched to "40" when repositioned on a 40mph road. The unique manual switching facility on this sign allows the user to instantly change both the detection speed and speed display in one operation to suit the existing limit on the road.

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.

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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