



TWM TRAFFIC CONTROL SYSTEMS

School Street Signs

LED SPEED CONTROL interactive SIGN Displaying warning

Manufactured from 3mm aluminium this type of sign also uses the latest in LED and Electronic technology. Consisting of Super Bright LED Amber clusters, one in each corner and electronic Solid State control gear. The overall sign size is made to fit around the retro-reflective sign face which can be designed to suit customer requirements or as in this case as used by Cheshire East Council.

The signs can be controlled by various means namely the TWM cloud-based CMS platform, Talento Time Switches, Hand Held Remote Control Device or by GSM Text Messaging.



Measurements - Sign size: 825mm x 1500mm

Key Features:

- ✓ Fully enclosed anti-vandal unit
- ✓ 230 or 12 volt operation
- ✓ Virtually No maintenance
- ✓ Sizes and display as the TSR&GD
- ✓ High performance ULTRA Bright LED Amber Flashers
- ✓ Lightweight robust aluminium casing
- ✓ Channel rail on the rear for easy installation
- ✓ Sign face designed to customer specification

Options:

- ✓ Solar Powered Option



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Unit 4, Oasis Business Park, Road One
Winsford Ind Est, Winsford, Cheshire CW7 3RY

Electrical data

Rating	230VAC, 50/60Hz Stepped down to 12vdc
Power Consumption	Low Power Design
Peak (All LEDs active)	Design dependent

Radar Sensor (when required)

Type	CW Doppler
Operating Frequency	K-Band (24 GHz)
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

Mechanical data

Enclosure	3mm Aluminium
Finish	Powder coated
Colour	Black, Grey or Yellow
Reflectivity	Class Ref II
Protection Degree	IP55
Operating Temp	-15°C to + 60°C
Impact Resistance	CCM
Vibration	CCM
Certification	EN 12966:2014 CE Approved

LEDs

Brand (Clusters)	Cree 5mm round LED
Colour	Amber
Viewing Angle	30°
Operating Temp	-40° + 95°
Life Span	Over 50,000 hours
Lens	5mm polycarbonate

Switch options

GSM Version	ACTIV8 Calendar Smart Switch
Bluetooth Version	Talento Smart B15
Hand Held Remote	TWM Smart Switch



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