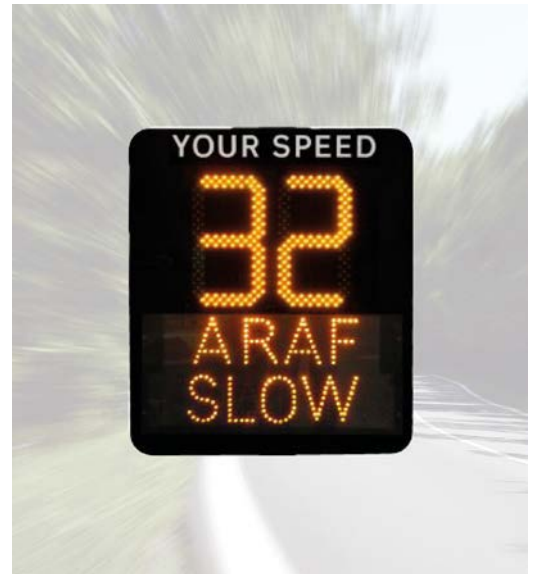




TWM TRAFFIC CONTROL SYSTEMS

# Welsh DSD Speed Display Sign



## Large LED SPEED DISPLAY with ARAF SLOW Safety Message Face Option

The Inter-active sign will display a real-time illustration of the approaching speed of an oncoming vehicle when exceeding a pre-set threshold limit. However, if the approaching vehicle is above a secondary higher threshold limit, the sign will display both SPEED and ARAF SLOW . When the vehicle then slows down and the speed falls below the secondary threshold limit, the sign will display DIOLCH THANKS with the real-time speed.

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.

## Measurements:

- ✓ Unit size: 780m x 650mm
- ✓ Speed Display size: 300mm
- ✓ ARAF DOWN Text: 100mm high

## Key Features:

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

## Options:

- ✓ Optional data recording facility
- ✓ Optional remote data collection facility



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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 (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

## LEDs

Brand (speed display)	Avago high brightness SMT
Brand (Text)	Cree 5mm round LED
Colour	Amber
Viewing angle	30°
Operating temp	-40° + 95°
Life span	Over 50,000hrs

## Display

Speed display	300mm high
SLOW DOWN text	100mm high
Sad/Smiley face	250mm diameter
YOUR SPEED text	50mm high black vinyl
Border	Black
Brightness	Multi-stage dimming

## Mechanical data

Enclosure	3mm Aluminium
Front Cover	3mm Clear Polycarbonate
Body Colour	Powder Coated Black
Protection Degree	IP55
Operating Temp	-15°C to + 60°C
Certification	CE Approved



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