



TWM TRAFFIC CONTROL SYSTEMS

# CRASH SITE Speed Display Sign

LED SPEED DISPLAY with CRASH SITE Display  
& SLOW DOWN Safety message

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 SPEED, SLOW DOWN CRASH SITE and flash the Amber corner clusters. When the vehicle then slows down and the speed falls below the secondary threshold limit, the sign will display THANK YOU 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. The MVD is easily programmed via a PDA or Laptop computer with a USB cable. The USB lead is connected to the front of the sign which makes on-site adjustment simple and easy.



## Measurements –

Unit size: 780mm x 1100mm

Speed Display size: 300mm

SLOW DOWN Text: 100mm high

CRASH SITE 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



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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 (speed display)	Avago High brightness SMT
Brand (SLOW DOWN)	Cree 5mm round LED amber
Brand (CRASH SITE)	Cree 5mm round LED white
Brand (Clusters)	Cree 5mm round LED amber
Colours	Amber and White
Viewing Angle	30°
Operating Temp	-40° + 95°
Life Span	Over 50,000 hours

## Display

Speed Display	300mm high
Slow Down Text	100mm high
Crash Site Text	100mm high
Corner Clusters	125mm diameter
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