



TWM TRAFFIC CONTROL SYSTEMS

MINI 300 Speed Display Signs



MINI 300 Speed Sign with SLOW DOWN Safety Message or Happy/Sad Face

Manufactured from polypropylene to give a lightweight and durable housing, this modular 300mm Diameter inter-active sign offers an effective low cost and affordable alternative to the larger more traditional LED signage. 200mm high Ultra Bright LED digital Speed Display is extremely visible when activated, yet becomes unnoticeable when dormant. This modular sign is ideal for moving from site to site when fitted with a battery, as it is lightweight and compact and comes fitted with TWM's easy mount clip system.

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 to the side of the sign which makes on-site adjustment simple and easy.

Measurements:

- ✓ Sign size: 450mm x 820mm (Including Yellow Border)
- ✓ Speed Display size: 200mm
- ✓ Text Display size: 60mm

Key Features:

- ✓ Battery Powered
- ✓ Multi-stage dimming
- ✓ Fully enclosed anti-vandal unit
- ✓ 230 or 12 volt operation
- ✓ Virtually No maintenance
- ✓ High performance LED output
- ✓ Lightweight robust polyethylene casing
- ✓ Weighs just 6kgs (without Battery)
- ✓ Lasts up to 3 weeks without charge (some restrictions apply)
- ✓ Aluminium clips on the rear for easy installation
- ✓ Quick & easy mounting facility for moving around sites

Options:

- ✓ Solar Powered option
- ✓ Optional data recording facility
- ✓ Optional remote access facility



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Electrical data

Power Requirements	(Mains Model) 230v 50Hz Stepped down by internal transformer to 12vdc (Battery Model) 12v 35ah sealed AGM battery
Peak (All LEDs active)	Design dependant

Display

Speed Display	200mm high
Slow Down Text	60mm high
Slow down text	250mm diameter
Your Speed Text	50mm high black vinyl
Border	Yellow 3mm dibond
Brightness	Multi-stage dimming

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 (Text)	Avago high brightness SMT
Viewing Angle	30°
Colour	Amber
Operating Temp	-40° + 95°
Life Span	Over 50,000hrs

Mechanical data

Enclosure	UV Stabilized Polyethylene
Front Window	3mm UV Stabilized Clear Polycarbonate
Body Colour	Black
Protection Degree	IP55
Operating Temp	-15°C to + 60°C
Dimensions	450mm x 817mm (overall)
Weight (without battery)	6kg
Battery Weight	10kg

Fixing details

Fixed sites	2 No Aluminium Uni-clips
Moveable sites	TWM clip system c/w Padlock and key



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