



TWM TRAFFIC CONTROL SYSTEMS

Trading Office: Unit4, Oasis Business Park Road One Winsford Industrial Estate, Winsford CW7 3RY
Telephone: 01606 59 66 22 | E-mail: info@twmtraffic.com

Company:	Kirton Lindsey TC	Email:	enquiries@kirtoninlindseytowncouncil.gov.uk
Contact:	Neil Taylor-Matson	Tel:	
Quote Ref:	Q5010-19	Project Ref:	Speed Displays

Dear Neil,

As per your enquiry, please see below, details of our solution for your further consideration.

MINI 300 SDU Speed Sign

With SLOW DOWN Safety Message or Sad/Smiley Face



230V mains or 12V powered (Depending option ordered), Mini 300 SPEED DISPLAY, polyurethane bodied modular sign c/w a Yellow Non-Reflective border and "YOUR SPEED" text The Inter-active sign will display a 200mm real-time illustration of the approaching speed of an oncoming vehicle. When exceeding a pre-set threshold limit, the sign will display a "SLOW DOWN" safety message in Amber LED's. Or a Sad/Smiley face depending on the option you choose.

Mini300 SDU - Standard (Battery)	£1614.57
Mini300 SDU - Standard (Solar)	£1765.52
Mini300 SDU - Standard (Interrupted Supply)	£1579.67
Mini300 SDU - Standard (12V/230Vdc)	£1469.63

Mini 300 Battery

Battery charger	£63.50 per unit
Spare 35amp/h Battery	£74.30 per unit

Li-ion Battery Option

Battery Charger 7A smart charger	£122.50
20 Ah battery (approx. 20% inc over lead acid)	£197.91 (£1748.98 with Mini300)
33Ah battery (approx. 90%inc over lead acid)	£312.86 (£1863.93 with Mini300)



TOPAS
Traffic Open Products and Specifications

MADE IN BRITAIN

HEA
APPROVED CONTRACTOR

HEA
Highway Electrical Association
MEMBERSHIP
HEMSA

Highway Electrical Registration Scheme
HERS
Registered Organisation

member of the
railalliance



TWM Traffic Control Systems Limited is a Pilot Group company

Registered Office: 15 Carnarvon Street, Manchester M3 1HJ +44 (0)1606 59 66 22/69 info@twmtraffic.com
Registered in England with number 04456251



TWM TRAFFIC CONTROL SYSTEMS

Trading Office: Unit4, Oasis Business Park Road One Winsford Industrial Estate, Winsford CW7 3RY
Telephone: 01606 59 66 22 | E-mail: info@twmtraffic.com

DSD DIGITAL SPEED DISPLAY



Large LED SPEED DISPLAY with SLOW DOWN/THANK YOU SAD FACE/SMILEY FACE Safety Message

12V or 230V powered, DSD Digital Speed Display, displaying when activated by an integral MVD (Microwave Vehicle Detector) the real-time speed of an approaching vehicle, above a supplementary "SLOW DOWN/THANK YOU" message in amber LED's changeable via a hidden switch to SAD FACE /SMILEY FACE, clips for 89mm post mounting (client to confirm post size with order).

= £1947.00 each.



Red / Green SPEED DISPLAY

Large LED SPEED DISPLAY with SLOW DOWN Safety Message & Sad / Smiley Face Option

DSD Digital Speed Display, displaying when activated by an integral MVD (Microwave Vehicle Detector) the real-time speed of an approaching vehicle in red if above a pre-set threshold or green if below, above a supplementary "SLOW DOWN/THANK YOU" Or a Sad/Smiley face safety message in amber LED's interchangeable via a switch, clips for 89mm post mounting (client to confirm post size with order).

= £2400.00p each

Solar Powered Option for Larger DSD's

=£750.00



TWM Traffic Control Systems Limited is a Pilot Group company

Registered Office: 15 Carnarvon Street, Manchester M3 1HJ +44 (0)1606 59 66 22/69 info@twmtraffic.com

Registered in England with number 04456251



TWM TRAFFIC CONTROL SYSTEMS

Trading Office: Unit4, Oasis Business Park Road One Winsford Industrial Estate, Winsford CW7 3RY
Telephone: 01606 59 66 22 | E-mail: info@twmtraffic.com

Li-Ion Battery Options For Larger DSD's

Please note, both the Amber DSD and multi-colour DSD only require 1no battery for operation. The Li-ion battery used has the capability to be recharged many thousands of times. Charge times depend on capacity for example the 50Ah battery will not take longer than 5 hours to fully charge.

40 Ah Li-Ion in battery case **£521 each**

50 Ah Li-Ion in battery case **£569 each**

Smart charger for (with BlueTooth notification) for fastest charge times, 10 Ah capacity
£147.58

12v Lead Acid Gel 75Ah* (19kg approx.) **£450 each**

*please note though rated at 75Ah, Lead Acid Gel batteries will only deliver 37-40Ah, have a much longer charging regime and will need replacing more often. Due to memory effects we also do not recommend NiMH/NiCd

Optional Upgrades

Data Collection Option

As an added option the sign can be fitted with a data collection radar unit that allows the user to collect traffic data of approaching vehicles, showing vehicle speed classes, average speed highest speed and percentile speed counts on an easy to read pdf report.

£275.00 per unit

Data Retrieve Options

Once the data has been collected in the radar there are several ways of downloading the data on to your computer:

Via USB to USB Cable **£16.50 per unit**

Via Bluetooth device **£235.00 per unit**

Via GSM modem **£345.00 per unit**

(includes £50 credit on PAYG multi-network SIM Card)

GPS Option

GPS Option (Locate units if multiple required) **£100.00 per unit**



TWM Traffic Control Systems Limited is a Pilot Group company

Registered Office: 15 Carnarvon Street, Manchester M3 1HJ +44 (0)1606 59 66 22/69 info@twmtraffic.com

Registered in England with number 04456251



TWM TRAFFIC CONTROL SYSTEMS

Trading Office: Unit4, Oasis Business Park Road One Winsford Industrial Estate, Winsford CW7 3RY
Telephone: 01606 59 66 22 | E-mail: info@twmtraffic.com

Install Option

Installation and Commissioning to site onto pre-erected structure complete with termination if mains powered.

***Location sites and structure details must be provided prior to install date.**

£tbc per Day

£tbc per Half Day

Traffic Management:

If TWM are Installing and Commissioning the equipment, TWM will provide short duration basic traffic management, Should Stop/Go or Traffic Lights be required to install any of the quoted items the client should arrange and provide this.

Warranty:

All our interactive signs installed by TWM come with a full, 12-months onsite parts and labour warranty from the date of installation. Units purchased on a supply only basis and installed by a third party come with a full 12-month return to base, parts and labour warranty from date of invoice. However, any faults or damaged parts deemed to have been caused by incorrect installation, vandalism or accident damage will be chargeable.

Payment Terms:

30 Days from invoice date, all prices are excluding VAT, VAT is charged at Std rate.

Lead Time:

Currently 4 to 5 weeks from receipt of official order. (Should you require anything sooner, contact us and we will do our best to schedule production sooner)

Carriage:

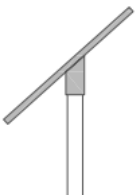
£90 per pallet (4 signs per pallet) to mainland UK

Should you have any queries regarding the above quote please do not hesitate to contact me here at TWM on either mark@twmtraffic.com or 07458044013

Kind Regards.

Mark Brooks

Southern Business Development Manager



NOTE: Care must be taken when choosing locations for Solar powered signs in order to ensure correct operation, the solar panel must point south, have a clear line of sight from East to West and not be in shadow of any trees or buildings for any significant part of the day, if buildings or trees cast a shadow over the panel for part or the whole of the day, then the situation may arise especially during the winter months where the battery becomes discharged to an extent that the sign will fail to operate.



TWM Traffic Control Systems Limited is a Pilot Group company

Registered Office: 15 Carnarvon Street, Manchester M3 1HJ +44 (0)1606 59 66 22/69 info@twmtraffic.com

Registered in England with number 04456251