

**Date:** 12/04/17

**To:** Amy Grindal  
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**From:** Tim Barnett  
**Dept:** Sales  
**Quote:** 2874  
**Pages:** 1 to 6

**RE:** LED Vehicle Activated Signs

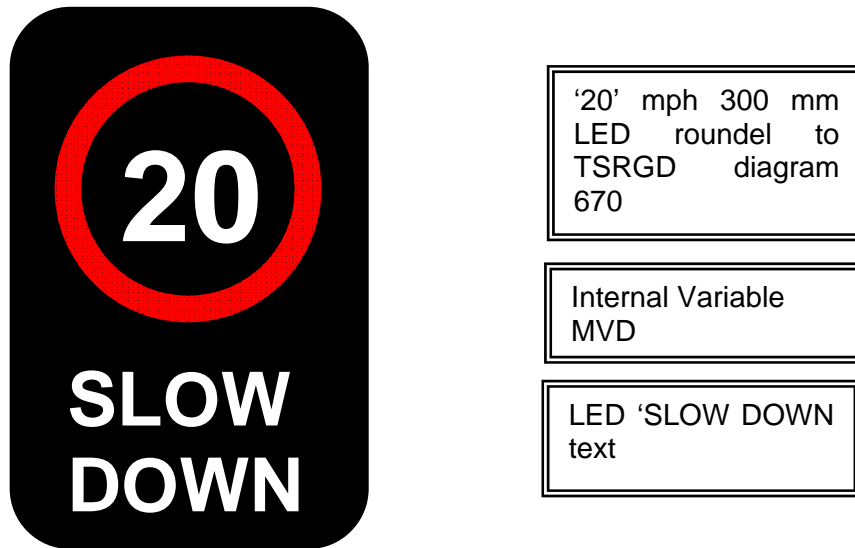
Dear Amy

Following your email please find our quote below as discussed in my email.

Our range of VAS signs is built to Highways Agency specification TR2516, part of the Compact Sentinel. High levels of uniformity & legibility are achieved in all weather conditions, including direct sunlight.



Option 1: 300mm, LED roundel & LED 'SLOW DOWN' text



Price for VAS 300: £1,200 each

Dimensions: 395 mm wide x 620 mm high approx

Price for VAS 450: £1,560 each

Dimensions: 550 mm wide x 880 mm high approx

Sign designed and equipped for post mounting, attached via Tamtorque clips. The mains powered signs accept a 220-240V AC power supply.

The LED components of the sign will remain 'secret' until they are triggered by a 'speeding' vehicle. The MVD itself (Microwave Vehicle Detector which 'scans' the road) is mounted internally. The high quality MVD can be accurately configured in 1 mph increments.

The MVD trigger speed will be set to the desired speed, e.g. 10% above the speed limit +2mph. The speed setting can be easily re-adjusted if required.

The sign optics include automatic ambient dimming and blackout face which shields the individual LEDs from the sun. These ensure that when the aspects are 'active' (on), they do not look washed out and when the aspects are 'inactive' (off), they remain 'secret'.

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#### Sign device configuration / data available locally using Bluetooth link

- Trigger speed threshold
- Aspect on time
- Programmed messages / aspects
- Event logging data - up to one month data record (option)

The above information can be amended and event data exported, via laptop or PC

#### Option 2: Speed and Information Device

Following your recent request for us to quote, please find our prices for the Speed and Information Device and specifications below.



300mm Face, 150 mm Vehicle Speed Display and 100 mm Text



Internal Microwave  
Vehicle Detector

150 mm MPH text  
in white LED  
showing vehicle  
speed

100 mm 'SLOW  
DOWN'/'THANK  
YOU' Text in amber  
LED's

300 mm Smiley  
face or sad face in  
amber LED

Price for 300mm face: £1,320

Dimensions: 470 mm wide x 565 mm high

Price for 450mm face: £1,800

Dimensions: 550 mm wide x 850 mm high

Activation of the above sign to show the following:

10 mph - 30 mph = 'SPEED OF VEHICLE' + 'THANK YOU' or 'SMILEY FACE'

31 mph + = 'SPEED OF VEHICLE' + 'SLOW DOWN' or 'FROWNING FACE'

**Bluetooth software for setup on a laptop PC, etc**

**External Battery Pack Option:** Price includes external battery pack and charger

Price for 300mm: **£305 ea** (estimate of approx 1000 (3 sec) activations per day)

Price for 450mm: **£325 ea** (estimate of approx 1000 (3 sec) activations per day)

**Spare Battery Option:** Price for spare battery

Price for 300mm: **£95 ea**

Price for 450mm: **£105 ea**

***The above prices are based on estimates of sign usage only and battery will require re-charging approximately once per week.***

## **Solar Power**

The above signs can be solar powered. Efficiency of the solar power/battery recharge is dependent on the site location. Any masking of solar panels by trees buildings etc will affect solar efficiency, as will display duration and planned / actual trigger activations. The quoted price is therefore subject to change depending on site specific requirements.

## **Speed Solar**

Solar Panel, fixing kit, batteries, regulator

7 day battery back up of signs (assuming no recharging)

1 off 300mm VAS Solar Kit: **£640**

1 off 450mm VAS Solar Kit: **£690**

## **Optional Vehicle Event Logging - available on all signs:**

Time, date and vehicle speed information for vehicles detected by the MVD, exceeding the set 'trigger' speed. This information is stored internally in the sign and is in standard comma separated format for ease of importing and analysis.

Storage of daily event logs is for one calendar month minimum

Please add: **£250 per sign for this function**

### **Post Mounting Kit (Re-locatable Signs)**

Comprising of:-

- 1 off post mounting plate.
- 2 off post fixing brackets.
- 2 off Tamtorque bands for use on 76/89 diameter posts.
- 1 off padlock (1 per sign).

Price: **£125 per kit.** As the post mounting kit remains on the post when the sign is moved, you will require one of these for each separate post installation.

### **Delivery**

Please allow **£75** per sign for the delivery.

### **Installation**

The sign will be supplied complete with an installation kit for your installation and commissioning onto posts/lamp column previously erected.

Typical lead time: 6 to 8 weeks from acceptance of order.

The VAS signs are designed, manufactured and supported in the UK and are supplied with a 2 year warranty as standard.

Please do not hesitate to call me should you have any further questions.

These prices exclude VAT, quote valid for 30 days.

Kind regards

Tim Barnett

Sales Manager