QUICK PRODUCT GUIDE

To maintain their energy efficient quality, all our VAS are fitted with light readers to auto-dim the LED’s during night-time use. The intelligent SMD LED technology ensures there is minimum light pollution and targets the light in a way which only oncoming motorists can view. All 3 sign types are energy efficient, fully waterproof, hard-wearing and just as effective in speed reduction as each other. If you need some help deciding which solution is best for your application, please call your account manager or call us on 01737 774747.

SID
Speed Indicator Device
This sign will only activate for passing motorists travelling over the speed limit.

SLR
Speed Limit Reminder
This sign will only activate for passing motorists travelling over the speed limit.

SAM
Smiley Activated Sign
For motorists over the speed limit: For motorists under the speed limit:

**TECHNICAL INFORMATION**

<table>
<thead>
<tr>
<th></th>
<th>SID</th>
<th>SLR</th>
<th>SAM</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIGIT/ROUNDEL SIZE</td>
<td>300mm Digit Height</td>
<td>300mm Roundel size</td>
<td>300mm Digit Height</td>
</tr>
<tr>
<td>ENCLOSURE DIMENSIONS (HxWxD)</td>
<td>660mm x 430mm x 150mm</td>
<td>660mm x 430mm x 150mm</td>
<td>710mm x 430mm x 150mm</td>
</tr>
<tr>
<td>TRIGGER SPEEDS</td>
<td>5 - 65MPH</td>
<td>5 - 65MPH</td>
<td>5 - 65MPH</td>
</tr>
<tr>
<td>DISPLAY ON TIME</td>
<td>0.5 - 7.5 seconds</td>
<td>0.5 - 7.5 seconds</td>
<td>0.5 - 7.5 seconds</td>
</tr>
<tr>
<td>WEIGHT WITHOUT BATTERIES</td>
<td>8Kg</td>
<td>8Kg</td>
<td>8Kg</td>
</tr>
<tr>
<td>RECHARGEABLE BATTERIES</td>
<td>12V - 22Ahr (Max 2)</td>
<td>12V - 22Ahr (Max 2)</td>
<td>12V - 22Ahr (Max 2)</td>
</tr>
<tr>
<td>TYPICAL OPERATING DURATION (battery powered models)</td>
<td>45,000 triggers</td>
<td>45,000 triggers</td>
<td>45,000 triggers</td>
</tr>
<tr>
<td>1 Battery</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 Batteries</td>
<td>90,000 triggers</td>
<td>90,000 triggers</td>
<td>90,000 triggers</td>
</tr>
</tbody>
</table>

*Important Note:* Messagemaker Displays and Stocksigns Ltd recommend the SAM sign is not used on the public highway; it is designed for use on private roads.

POSITIONING GUIDE

Avoid placing underneath overhanging trees/hedges, especially if using solar panels
Do not obstruct any pre-existing road traffic signs
Must be clearly visible to approaching traffic, preferably on a clear straight road
2.15m minimum between the base of the sign and the ground

sales@messagemaker.co.uk  Tel. 01737 774747  www.messagemaker.co.uk
Part of Stocksigns Ltd
**POWER OPTIONS GUIDE**

### Mains Power

**Benefits**
- Low maintenance
- Secure and permanent

**Included**
- Mains power supply unit (pre-installed)
- Mounting plate
- 2 x 76mm post clips

### Battery Power

**Benefits**
- Quick to install
- Easy to re-locate

**Included**
- 1 x 12V 22Ahr rechargeable battery
- 1 x battery charger
- 1 x Mounting plate
- 2 x 76mm post clips

### Solar Power

**Benefits**
- No battery changes required
- Eco-friendly way to power

**Included**
- 80 watt solar panel
- Custom post mounting kit
- 2 x 76mm post clips
- Charger controller
- 2 x rechargeable batteries

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**OPTIONAL EXTRAS GUIDE**

### Spare Batteries, Chargers & Mounting Plates

**Spare Batteries and Charger**
- One sign can have 2 batteries in the unit to double the operating lifetime to 90,000 triggers.
- Multiple batteries and an additional charger can be used for seamless and instant battery changes by always having a battery/batteries on charge whilst others are being used.

**Mounting Plates**
- For instances where the sign will be trialled or used in various locations, an additional mounting plate can be permanently fixed to a post(s) to enable easily re-location of the sign.

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**DATA CAPTURE**

Although the data cannot be used to prosecute speeding motorists, collecting and evaluating traffic data on your road will be an invaluable tool to put in place new traffic calming measures.

**The Data Capture function on the sign will record;**
- The speed of every motorist driving past your sign
- Date and time of each record

**The desktop software supplied will;**
- Convert the data into usable graphs and tables in PDF and excel formats
- Summarise your data into percentiles
ABOUT MESSAGEMAKER DISPLAYS

LED displays are all we do and all we have ever done.

The product range, plus the expertise and experience found within the team at Messagemaker Displays has been built over almost 20 years.

The brand specialises in developing intelligent LED Signage for the Highways and Traffic industry.

With a wide range of stock signs available, there are also unlimited possibilities for bespoke signage.

In 2011, Messagemaker Displays was acquired by Stocksigns Ltd, one of the UK’s largest providers of health and safety signs, providing extra peace of mind that comes with the additional resources, state of the art facilities and

All our products are manufactured to ISO 9001, EMC, CE and ROHS accreditation requirements so you can be assured all our products are supplied to the highest standard.

Visit Us
43 Ormside Way
Holmethorpe Industrial Estate
Redhill
Surrey
RH1 2LG

Call Us
01737 774747

Email Us
sales@messagemaker.co.uk

Would you like to see our products for yourself?

If you would like to arrange a visit to take a look at our new Demo Room in Surrey, you can do so with your account manager, or call us on 01737 774747.

We have a range of LED signs on display which you can see working to help decide which sign is best for you.

Our products on display:
• Vehicle Activated Speed Signs (SID, SAM and SLR)
• Variable Message Signs (VMS)
• Lane Control Signs
• Highway Approved Vehicle Activated Speed Signs
• LED Message Displays
• Highway Approved Speed Signs
• Parking Signs