DSD
radar speed display

Developed to inform drivers and the community of speed behaviour, DSD is a rugged, lightweight radar activated Speed Indication Display that can be used at temporary or permanent locations.

DSD provides a non-confrontational warning to drivers, warning them of their speed via an LED display and putting social pressure on them to decrease speed when required.

Affectionately known as „Smiley SID“ Speed Indication Display, DSD has gained acceptance by its user selectable „Safety Smile“ mode giving a friendly presentation of a serious message, reinforcing safety and educating drivers on site and within our communities.

myTrafficData

Download functions from our WebApp Shop via DataCollector on your DSD.
## Technical specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display technology</td>
<td>High output LED (monochrome), tricolor LED (red, amber, green) optional</td>
</tr>
<tr>
<td>Sensor type</td>
<td>Microwave</td>
</tr>
<tr>
<td>Frequency</td>
<td>Typ. 24,125 GHz</td>
</tr>
<tr>
<td>Output power</td>
<td>5 mW</td>
</tr>
<tr>
<td>Radar range</td>
<td>Min. 80 m; typ. 100 m; max. 120 m (passenger car)</td>
</tr>
<tr>
<td>Speed measuring range</td>
<td>3 - 199 km/h or 2 - 130 mph</td>
</tr>
<tr>
<td>Resolution</td>
<td>1 km/h or 1 mph</td>
</tr>
<tr>
<td>Units</td>
<td>Metrical or English (imperial)</td>
</tr>
<tr>
<td>Memory</td>
<td>512 kB (RAM buffered)</td>
</tr>
<tr>
<td>Data format</td>
<td>V entry, V exit (optional), date, time (PVR)</td>
</tr>
<tr>
<td>Data rate</td>
<td>Up to 115200 baud</td>
</tr>
<tr>
<td>Communication</td>
<td>Bluetooth® (local) or GPRS (global)</td>
</tr>
<tr>
<td>Bluetooth® range</td>
<td>Frontal up to 100 m (line of sight)</td>
</tr>
<tr>
<td>Monitoring</td>
<td>Online mode via smartphone or GPRS</td>
</tr>
<tr>
<td>Setting</td>
<td>DataCollector, smartphone or via GPRS</td>
</tr>
<tr>
<td>Installation angle</td>
<td>Horizontal 0 - 5°; vertical 0°</td>
</tr>
<tr>
<td>Ambient temperature</td>
<td>-20 °C - +50 °C</td>
</tr>
<tr>
<td>Weight</td>
<td>7.5 kg without battery</td>
</tr>
<tr>
<td>Dimensions (WxHxD)</td>
<td>590 x 475 x 80 mm (without text panel)</td>
</tr>
<tr>
<td>Housing material</td>
<td>Galvanised steel / painted, windscreen polycarbonate</td>
</tr>
<tr>
<td>Additional features</td>
<td>Flash Update</td>
</tr>
<tr>
<td>Update</td>
<td>Flash Update</td>
</tr>
<tr>
<td>Webapps</td>
<td>Additional features and functions are available via WebApp Shop and flash update</td>
</tr>
<tr>
<td>Software</td>
<td>myTrafficData Web-based application, reporting and data management software</td>
</tr>
<tr>
<td>PowerPack</td>
<td>12 V / 18 Ah rechargeable battery incl. connection cable</td>
</tr>
<tr>
<td>PowerUnit</td>
<td>100 - 240 VAC main power supply incl. 12 V / 7 Ah rechargeable battery</td>
</tr>
<tr>
<td>SolarPowerUnit</td>
<td>High efficient solar regulator incl. 12 V / 18 Ah rechargeable battery</td>
</tr>
<tr>
<td>SolarSystem</td>
<td>50 / 85 W solar panel</td>
</tr>
<tr>
<td>Installation</td>
<td>Pole mounting installation bracket</td>
</tr>
<tr>
<td>SmartBracket</td>
<td>Pole mounting installation bracket incl. bay for different energy systems</td>
</tr>
<tr>
<td>Accessories</td>
<td>Internal GPRS modem for global setup, monitoring and file transfer</td>
</tr>
<tr>
<td>GPRS modem</td>
<td>Handheld device for setup and file transfer</td>
</tr>
<tr>
<td>DataCollector</td>
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<tr>
<td>Tripod</td>
<td>Heavy duty steel or lightweight aluminum tripod for short term mobile measurement</td>
</tr>
<tr>
<td>Locks</td>
<td>Heavy duty steel locks</td>
</tr>
<tr>
<td>Dual sided panel (customized)</td>
<td>Dual sided text panel can be customized e.g. logos, etc.</td>
</tr>
<tr>
<td>LED flasher</td>
<td>2 pcs. high power LED flasher (top left and right corner)</td>
</tr>
<tr>
<td>LED textpanel</td>
<td>LED single line text (SLOW !; TOO FAST; DANGER)</td>
</tr>
<tr>
<td>Smartphone</td>
<td>Smartphone with Android OS and class1 Bluetooth® module</td>
</tr>
</tbody>
</table>

## Energy supply

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## Services

- **Short delivery times!**
- **TOP - technical support!**
- **Best quality, worldwide!**

## Contact

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