The solution to speed reduction

Speed Feedback Devices are proven in studies by the Transport Research Laboratory to be effective in reducing speed by alerting drivers to their behaviour.

Unipart Dorman’s DF11 is designed to work in conjunction with existing static regulatory signage and act as a targeted reminder to drivers to reduce their speed.

The device is lightweight and portable and it can easily be moved between multiple locations, ensuring drivers do not become too familiar with the position of the sign and therefore maximising the impact on their behaviour.

Proven effectiveness

The effectiveness of any device has to be based on credible statistics. The DF11 collects speed, time and date information for every vehicle that passes and these can be downloaded into a variety of popular spreadsheet/graphical analysis programmes via Bluetooth®.

Complete customer support

From providing trial units to illustrate the scale of your speeding problems and supporting you in the simple purchasing process, through to a dedicated installation and maintenance team who rectify 95% of faults on site and within 4 hours of attending the sign - Unipart Dorman puts the customer at the heart of all we do.

Features & Benefits

• **Lightweight and Portable** - The DF11 can be easily moved between multiple locations
• **Range of Applications** - The DF11 can be used across a wide variety of applications including residential areas, industrial sites, retail sites and schools/colleges
• **Data Capture** - Prove the effectiveness of the sign through the analysis of vehicle and speed data
• **Targeted Enforcement** - The data can be used to present solid evidence of speeding hotspots to local law enforcement agencies
• **Traffic Analysis** - The data can be used for traffic density studies to develop business cases for projects such as bypasses etc.
• **Visibility** - High intensity amber LEDs can be surrounded by a YOUR SPEED legend printed on a diamond grade reflective fascia panel
• **Customisation** - Bespoke customer logos can be applied to the fascia panel
• **Environmental Advantages** - Our products are designed and manufactured with built in environmental advantages, which helps to reduce our carbon footprint. We can also provide a variety of renewable power sources
### Model Reference
- DF11MC - DF11 Mains Charger version
- DF11SC - DF11 Solar Charger version
- DF11MCB - DF11 Mains Charger version with Bluetooth® data transfer facility
- DF11SCB - DF11 Solar Charger version with Bluetooth® data transfer facility
- DF11MC-T - DF11 Mains Trickle Charge version
- DF11MCBT - DF11 Mains Trickle Charge version with Bluetooth® data transfer facility

### Display Technology
- High intensity amber LEDs, which are clearly visible in all daylight conditions at up to 450 feet.
- Auto Luminosity adjusts the display brightness to suit ambient light conditions and conserve power.
- LED temperature compensators and high efficiency regulators further reduce power consumption.
- The sign enters a sleep mode when not activated consuming 0.1 Watts per hour for extended battery operating time.

### Display Format
- Amber LED display with 280mm (11") high, seven segment characters

### Vehicle Detection
- Internal K band radar microwave vehicle detector with a factory preset range of 90 Metres/300 feet, and a detection speed range of 5 to 150 mph (8 to 240kph)

### Model Dimensions
- 508mm (20") long x 406mm (16") High x 76mm (3") deep
- Reflective fascia plate adds extra 150mm (6") to height

### Model Weight
- 12Kg (25lbs)

### Power Supply Options
- LiFePo4 charged from either mains (240/110V AC) supply.
- Lead Acid charged from solar panel or trickle charged at night from a street supply.

### Sign Configuration
- Initial set up is via data cable or Bluetooth from netbook/PC running DF11 configuration software.
- The software allows up to 8 speed parameter presets to be defined, which can be selected in the field using an integral rotary switch removing the need to connect a PC to the sign every time it is moved.

### Data logging and Analysis Software
- Microsoft Windows based speed data logging and report generation package available as an optional extra

### Enclosure
- Vandal resistant, IP54 ingress rated stainless steel enclosure with a 5mm (¼") anti-reflective Polycarbonate window

### Finish
- Durable black (or customer specified colour) Powder Coat finish (60 micron minimum thickness)

### Fascia Plate
- Diamond grade reflective front plate available with YOUR SPEED legend in black text on yellow, yellow/green or white background. Customers can also specify additional logos or messages etc. to be applied to the fascia plate

### Operating Temp Range
- -10° to + 40°C

### Mechanical Interface
- The sign unit has lockable quick release fittings to attach it to a fixed mounting plate, which has Signfix Channelling to allow fitment onto a variety of support posts

### Accessories
- Solar power kits – pole mounted panels with a plug and play cable connection kit
- 240/110V AC trickle charger
- Additional mounting brackets, Trigger Speed Manual, Adjusting Key

### End of Life Recycling
- The Unipart Dorman DF11 is made of recyclable material wherever possible