



Improving safety, reducing speed & understanding your traffic flow

With DFII



## 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 DFII 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 DFII 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 DFII can be easily moved between multiple locations
- **Range of Applications** - The DFII 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



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## Technical Specifications

Model Reference	DFI1MC - DFI1 Mains Charger version
	DFI1SC - DFI1 Solar Charger version
	DFI1MCB - DFI1 Mains Charger version with Bluetooth® data transfer facility
	DFI1SCB - DFI1 Solar Charger version with Bluetooth® data transfer facility
	DFI1MC-T - DFI1 Mains Trickle Charge version
	DFI1MCBT - DFI1 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 DFI1 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 DFI1 is made of recyclable material wherever possible



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