



DFI I Driver Feedback Sign

Portable, compact driver feedback solution, ideal for rotating around community as part of speed education campaigns.

The portable solution to speed reduction

The MUTCD compliant DFI I unit employs FCC compliant microwave doppler radar to detect vehicle approach speed.

Targeted drivers are informed of their speed with an 11 inch character, high intensity LED display.

The Drivers speed will flash when exceeding preconfigured triggers and will blank out to discourage racing.

The unit is available in both 110V and solar rechargeable models, this together with its compact, lightweight design and universal mounting bracket make it ideal for rotating around the community on a regular basis.

The DFI I driver feedback sign series are to be used in tandem with existing static regulatory signage, being deployed downstream as a targeted reminder and are not to be used as a replacement for the static signage.

Features

- Compact rechargeable battery design allows for easy rotation between sites on regular basis
- Fascias available in retroreflective DG or HIP in Yellow, Yellow Green or White
- Plug and play install (all cables and brackets provided)
- Datalogging software can prove effectiveness of the sign through the analysis of vehicle and speed data



First introduced in 2008 after being piloted by FHWA, VATCS are now in operation across 15 states and are steadily becoming the benchmark for consistent community display based traffic calming.



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December 2014



Technical Specifications

Model Reference	DFIIMCB - 110V AC rechargeable model Part Code: DFIIMCB
	DFIISCB - Solar model Part Code: DFIISCB
Display Technology	TE Colortested high intensity amber LED display, clearly visible in all daylight conditions at up to 450 feet. Auto luminosity control to suit ambient light conditions
Display Format	Amber LED display with 28 (mm) high, seven segment characters. Reflective YOUR SPEED fascia in 3" character height
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	25Lbs (12Kg) including batteries
Power Supply	DFIIMCB - integrated LifePo4 battery pack - rechargeable from AC 110V. When ordering this model a 110V AC charger part code D26.26188 should be ordered separately. DFIISCB - integrated AGM batteries charged from solar panel. When ordering this model an 30W Solar kit should be ordered comprising 30W panel and side of pole mount. part code SP30S
Sign Configuration	Configuration of sign is via custom windows based software over Bluetooth™ wireless connection from client supplied Laptop or Netbook. Sign also equipped with rotary switch for manual adjustment on site
Data logging and Analysis Software	Stats Analyser windows based software is available to download date and time stamped traffic speed data from sign over Bluetooth™. Program is an optional extra and includes a powerful suite of graphics for creating evaluation reports. Part code: B13.14532
Enclosure	Purpose fabricated lightweight aluminum vandal resistant NEMA Type 3S ingress rated enclosure
Finish	Durable black (or customer specified colour) Powder Coat finish (60 micron minimum thickness)
Window	1/4" (5mm) anti reflective polycarbonate
Operating Temp Range	-30 to 165 F (-35 to 74 C), 95% non condensing
Mechanical Interface	Sign comes equipped with universal mounting plate (part code: B20.20219) equipped with Signfix U channels and 2 off SX0220 1/2" banding interface brackets. (part code: B20.20117). The design of the bracket and accessories allows it to be band mounted or bolted to a variety of support posts from telspar to larger utility posts. The sign is designed to slot into bracket and padlock for security. Extra brackets can be ordered and pre-mounted at desired locations allowing operator to simply move signs around without having to remove and reinstall bracket each time.

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