

DRIVER FEEDBACK SIGNS

IQ1500 Driver Feedback Sign

White Violator Strobes Variation



Part #: M75-15DFB-U0Sx

Why TrafficCalm™?

- ISO 9001:2015 Certified USA based facility
- All signs 100% MUTCD compliant
- Vandal resistant designs
- Broadest range of sizes and options in the industry
- Industry leading turnaround from order to delivery
- Unlimited tech support and customer service from our USA facility
- Industry Pioneers in Enhanced Road Signage

The IQ Series of Radar Driver Feedback Signs offers solutions for increasing driver speed awareness and road safety. The bright 15" characters can be seen from up to 750' away, and help increase driver speed awareness on the roadways where accidents can be so dangerous.

SafetyCalm data collection software allows you to gather hard data of traffic patterns and program the sign to help keep roads safer.

Key Features:

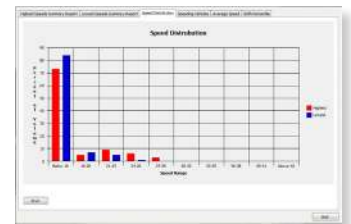
- *Integrated Violator Strobe for maximum impact!*
- Modular design for quick, easy installation and service
- Full Matrix, amber LEDs with 15" high digits. "SLOW DOWN" or "TOO FAST" messages activate to provide speed sensitive violator warning without being distracting.
- Unit includes SafetyCalm Software, a Full Featured Configuration, Scheduling and Data Software Suite.
- Emoticon Display options to increase driver awareness
- Engineered with intelligent power features. Power-Miser mode activates automatically to preserve functionality even with low power input.
- Solar or 110V AC ready (power packages sold separately)
- K-band (24.15GHz) radar, range 450 feet.
- Unlimited tech support and customer service from our USA facility for the life of the sign
- Fast delivery- typically ships within 2 weeks of order
- Made in America. Certificate of Compliance available upon request
- 3 year limited warranty

Package Includes:

Driver Feedback sign, mounting bracket, SafetyCalm™ Configuration and Traffic Data Collection Software, installation and user manual.

SafetyCalm

SafetyCalm Configuration and Traffic Data Collection Software allows you to program your sign from your laptop and collect and graphically display traffic data



Feature	Specifications
LED and Radar Components	
Speed Display Height	15" high numbers
Configuration	Full Matrix Display
"YOUR SPEED" Legend	6" high highway gothic font (MUTCD compliant)
LED, 1/2 Cone Angle	Amber (590nm); ½ Angle 15°; Rated 100,000 hours; 20,000 CDA/ M^2, Auto Dimming employed
Amber LED on Axis Intensity	20,000 CDA/SQ meter
White LED (Cool White)	1/2 angle 60 degrees; rated 100,000 hrs; 2,475 CDA/M^2, Auto Dimming Employed. Software programmable violator strobe option
Sign Legibility	Viewable range: 1,000 feet; legible range: 750 feet
Speed Resolution and Range	Min 5 MPH; Max 99 MPH in 1 MPH steps. Range 600 feet. (Max 140 mph available as custom order)
Radar Specification and Range	K-band (24.15GHz) direct sensing; license free (FCC part 15 compliant); average range at 450 feet (plus 400' or minus 100' depending on vehicle size)
Materials and Construction	
Chassis Size/Total Weight	30" width x 41" height x 3" depth; 36 pounds
Front Face Sheeting	3M™ Diamond Grade™, high visibility prismatic, long life protective sheeting
Sign Face Color	White, fluorescent yellow-green; with additional colors optional
Sign Mounting Construction	3/16" thick aluminum brackets and 1/8" face; standard 3% tilt bracket configuration; Flat mount brackets optional
Vandal Resistant Construction	Sealed electronics box (ECS) 1/16" thick aluminum enclosure attached to a 1/8" thick mounting plate. The ECS is removable from the chassis as a complete unit. 1/4" high impact polycarbonate face with high contrast mask; anti-glare graffiti and sunlight resistant Provisions for padlocking in place are provided Standard DOT powder coat green color with additional colors optional
Electronics Enclosure Rating	Weatherproof; NEMA 4R
Electrical Specifications	
Power Requirements	
Voltage Requirements	9V-30VDC; 12VDC Nominal (Battery protection at 11.5VDC and 10.8VDC; startup at 12.3VDC)
Power Options	110VAC Power Supply Solar kits: 60W, 90W, and 140W kits available Battery charger kits and battery boxes
Operating Temperature	Internal components: -40°C to +74°C/-29°F to +165°F Ambient environment: -34°C to +60°C/-29°F to 140°F
Warranties	3 year limited warranty on sign and options (excluding batteries)
SafetyCalm™ Configuration and Traffic Data Collection Software	
Data Collection	SafetyCalm software, license free
Event Logging with Time Stamp	Event data: 60 days with a circular buffer; applied voltage (VDC); internal temperature (°C); ambient light (lux); display functional status; traffic status; shock sensor events; parameter events
Vehicle Data Logging Capacity	Speed Data: 90 days with circular buffer (oldest reading replaced by newest) based on 24/7 operation
Programmable Display Features	Min. speed limit, speed limit, over speed, and maximum speed to display Display type: blank (stealth mode); actual speed; speed limit; flashing digits; steady digits; external beacon control
Schedules	Repeating daily: 9 events; repeating weekly: 9 events; non-repeating dated: 9 events; (27 events in each 24 hour period; 365 days per year while powered)
Communications	Bluetooth Class 1 connectivity (V2.1 +EDC) min at 30' (FCC certified); RS232 port App for Android™ available for free on Google Play Store
System Requirements	Operating system: Windows XP, Windows Vista, Windows 7; Windows 10 Screen resolution: 1024 x 768 or better Communications interfaces: Bluetooth Class 1 or 2 adapters (capabilities: V1.0, V1.2, V2.0, V2.1 + EDC) Disk space: 16.5MB minimum

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