



Part #: M75-15VSL-U0W1

DRIVER FEEDBACK SIGNS

IQ1500 Variable Speed Limit Sign

White Violator Strobes Variation

The IQ Series of Radar Speed Signs offers solutions for raising drivers' attentions and improving road safety. The bright 15" characters can be seen from up to 750' away, and help increase driver speed awareness on the roadways where crashes can be so dangerous.

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

Key Features:

- 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.
- All iQ Series signs include SafetyCalm Software, a Full Featured Configuration, Scheduling and Data Software Suite.
- Emoticon Display options to grab driver's attention
- 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:

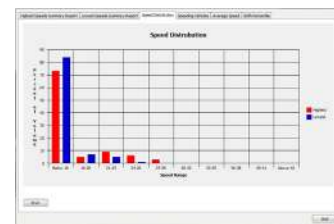
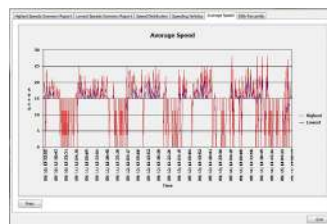
Variable speed limit sign, mounting bracket, SafetyCalm™ Configuration and Traffic Data Collection Software, installation and user manual.

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

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
"SPEED LIMIT" Legend	6" high highway gothic font (MUTCD compliant)
White LED	viewing angle 30 degrees; rated 100,000 hrs; min 9300 mcd per pixel, auto dimming function enabled by default. Supports EN12966-1 white class C2.
Sign Legibility	Viewable range: 1,000 feet; legible range: 750 feet
Speed Resolution and Range	Min configurable speed limit 0 MPH; Max 99 MPH in 1 MPH steps, Changeable with calendar setup function
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, others available, but not recommended in compliance with MUTCD guidelines (section 2B.13)
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	
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, 100W, and 150W 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); detected speed; speed limit; flashing display; steady display; 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

released: 20210113

