TRAFFICALM®

Feature	Specifications
LED and Radar Components	
Speed Display Height	12" high digital dispaly, programmable down to 10" to accommodate increased border
Text & Emoticon Height	5" high two lines 'SLOW DOWN' and 'Too Fast' text, optional via user configuration
"YOUR SPEED" Legend	4" high Series C highway gothic font (MUTCD compliant)
LED Specifications	Amber (590nM); 15° Viewing; Rated 100,000 hours; 12k to 27k mcd intensity, 0.60 in (15.2 mm) display pitch
Sign Legibility	Visible range: 1,000 feet; legible range: 600 feet
Speed Resolution and Range	Min 5 mph; Max 143 mph in 1 mph steps (min 8 kph, max 230 kph in 1.6 kph steps)
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	24" width x 30" height x 1-7/8" depth;under 24 pounds with bracket
Refelctive Sheeting	3M™ Diamond Grade™ DG^3 high visibility prismatic reflective sheeting meets ASTM D4956 Type XI
Static Sign Color Options	Flourescent Yellow, Flourescent Yellow-Green, and Flourescent Orange
Sign Construction and Appearance	1/8" thick aluminum brackets and face; standard 3% tilt bracket configuration
	Sealed electronics box (ECS) 1/16" thick aluminum enclosure attached to a 1/8" thick mounting plate
	3/16" high impact polycarbonate face with high contrast, opaque black mask; anti-glare, graffiti, and uv resistant
	Integrated padlock locations for secure theft-deterrence
	Standard DOT powder coat green color cabinet and structure
Electronics Enclosure Rating	Weatherproof; NEMA 3R
Electrical Specifications	
Power Requirements	2W stealth; 300MW standby; 6W night; 28W day
Voltage Requirements	9V-30VDC; 12VDC Nominal (Battery protection at 11.5VDC and 10.8VDC; startup at 12.3VDC)
Power Options (sold seperately)	110VAC External Power Kit with easy wiring kit included
	60W, 100W, and 150W External Solar Kits with easy wiring included
Operating Temperature	Internal components: -29°F to +165°F (-34°C to +74°C)
	Ambient environment: -29°F to 140°F (-34°C to +60°C)
Warranties	3 year limited warranty against manufacturer defects (T&C apply, see warranty statement for details)
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, speed limit; over speed; and maximum speed thresholds set in 1mph/kph increments
	User Selectable Display type: blank (stealth mode); actual speed; speed limit; 1hz flashing digits; steady digits; strobing digits and strobing 'SLOW DOWN' text
	Programmable integrated "SLOW DOWN" Message; external beacon control
Schedules	Repeating daily: 9 events; repeating weekly: 9 events; non-repeating dated: 9 events; (27 events in one 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 on the Google Play Store for free

iQ1200 PERMANENT MOUNT SIGN

TRAFFICALM®

iQ1200 Driver Feedback Signs improve driver speed awareness and road safety. The bright 12" characters can be seen from up to 750' away, and help increase compliance on the roadways where crashes 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.

TraffiCalm™ Driver Feedback Signs are manufactured in the USA under an ISO 9001:2015 quality system, meeting and exceeding industry standards and state testing requirements. TraffiCalm™ signs are unmatched in durability, accuracy, ease of use and affordability.

FEATURES

EASY CONNECTIVITY

Bluetooth connectivity makes connection to any Windows laptop or Android device a familiar process. Our License-Free SafetyCalm Software and App offer fast connection and easy configuration of any iQ Driver Feedback Sign.

EYE CATCHING DISPLAY

15⁰ AllnGaP Amber LEDs produce a display that cannot be missed. MUTCD compliant dynamic feedback and Highway Gothic display send a clear, hihgly-visible message to all drivers.

RUGGEDIZED ELECTRONICS

Integrated electronics and LEDs are fully conformal coated and environmentally sealed. An industry leading 3 year warranty backed by unlimited phone support makes ownership easy.

+1 855.738.2722 / sales@trafficalm.com