VCalm®ITS-6x4

Full-matrix LED Traffic Calming Sign

by Fortel Traffic, Inc.

Full-matrix LED Display

Enjoy unlimited messaging capabilities with ease; the software's text input, drawing, copy, paste, and photo import tools will help you set up your messages with extreme efficiency.

Ultimate Traffic Data Acquisition

VCalm®ITS logs and timestamps the first, last, fastest, and slowest speed for each vehicle to support the most thorough analysis on individual and collective driver behavior.

Brightest Display

VCalm® utilizes high-volume high-intensity tightly clustered LEDs to maintain the highest visibility possible. This proven method of authoritative message presentation demands driver's attention, making it the most effective traffic calming sign on the market.

Strongest Construction

VCalm® maintains superior construction and durability with high quality components and no moving parts. The design meets the NEMA-3R specifications, and many of the VCalm® signs have withstood severe conditions, including hurricanes, fires, and extreme temperatures. VCalm® has consistently proven to be the longest lasting speed sign in the industry.

Lowest Power Consumption

VCalm® uses proprietary PWMS™ LED technology that consumes 50% less power than most LED devices. This provides exceptional autonomy for solar/battery installations.

Removable Data Storage

Nearly unlimited speed data storage capacity available on removable SD card

Expandable Functionality

Trigger custom messages or alerts from external inputs like pedestrian push buttons, temperature sensors, etc. VCalm®ITS also supports **full flashing beacon control**.

Automated Management

The web-based software will automatically download vehicle speed data, update configuration and firmware changes, and generate and email speed study reports.

Alerts and Self-diagnostics

Receive real-time email or SMS warnings for pixel failures, power failures, excessive speeding, and solar panel theft.

Driver-feedback Modes

Trigger messages and speed display using user-definable vehicle speed thresholds.

Specifications

Lens: 3/8" polycarbonate
Enclosure: .09" continuous-formed aluminum
Three Available Colors

Dimensions: 72"(w) x 48"(h) x 5"(d)
LEDs: 18,432 Ultra High-intensity Amber Surface-mounted
Resolution: 96 x 64
Min Message Size: 9 lines, 19 characters per line (4" tall)
Max Message Size: 2 lines, 7 characters per line (15" tall)
Radar: Low-power FCC part 15 certified
Power Consumption: < 6900mA

Solar Package

Solar Controller: Digital LCD display, < 24mA
Batteries: (2) 79Ah
Solar Panels: 85 Watt

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