VCalm®ITS-5x3

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Fortel Traffic's VCalm® Intelligent Transportation Systems (ITS) signs are the most versatile full-matrix message signs available. Configurable as driver-feedback and/or changeable message signs (CMS), VCalm®ITS is a summation of the most important features and technology to meet the evolving needs of the traffic industry.

Full-Matrix LED Display

Enjoy unlimited messaging capabilities with ease. Software text input, drawing, copy, paste, and photo import tools will help you set up your messages with efficiency.

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.

Lowest Power Consumption

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

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.

Removeable Data Storage

Nearly unlimited speed data storage is 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.

Driver Feedback Modes

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

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.

Alerts and Self-Diagnostics

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

Automated Management

Web-based software automatically downloads vehicle speed data, updates configuration and firmware changes, and generates speed study reports.

Dimensions: 65.25"(W) x 37.75"(H) x 5"(D)

LEDs: 11,520 Surface-Mounted Ultra High-Intensity Amber

Resolution: 80 x 48

Minimum Message Size: 6 Lines, 16 Characters Per Line (4" Tall)

Maximum Message Size: 2 Lines, 6 Characters Per Line (15" Tall)

Power Consumption: <4400mA

Radar:
   K Band (24.159 GHz)
   FCC Compliant (no license required)
   Low Power (<2 Watt)
   ±1MPH Accuracy

Existing Pole (No Pole Provided)

Power: VCalm®SP2 Solar Package (130W [1], 100Ah Batteries [2])

Solar Mount: Side of Pole

Wireless IP Modem: 4G Modem

Wireless Data: 3 Years VSpeed™Online

Warranty: 1 Year