

# VCalm®ITS-8x4

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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<sup>™</sup> 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

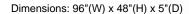
VCalm® maintains superior construction and durability with high quality components and no moving parts. The design meets the NEMA-3R specifications, and many of the VCalm® signs have withstood severe conditions, including hurricanes, fires, and extreme temperatures. VCalm® has consistently proven to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



LEDs: 24,576 Surface-Mounted Ultra High-Intensity Amber

Resolution: 128 x 64

Minimum Message Size: 9 Lines, 25 Characters Per Line (4" Tall)

Maximum Message Size: 2 Lines, 10 Characters Per Line (15" Tall)

Power Consumption: <8,400mA

Radar:

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

Existing Posts (Not Provided)

Power: VCalm®SP4 Solar Package (300W [1], 110Ah Batteries [2])

Wireless IP Modem: 4G Modem

Wireless Data: 3 Years VSpeed™Online

Warranty: 1 Year



Fortel Traffic, Inc. 5310 E. Hunter Ave. Anaheim, CA 92807 +1 (714) 701-9800 www.forteltraffic.com