



# VCalm®ITS-8x5



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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: 96"(W) x 60"(H) x 5"(D)

LEDs: 26,624 Surface-Mounted Ultra High-Intensity Amber

Resolution: 128 x 80

Minimum Message Size: 9 Lines, 30 Characters Per Line (4" Tall)

Maximum Message Size: 2 Lines, 12 Characters Per Line (15" Tall)

Power Consumption: <10,400mA

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



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