



# VCalm® ITS 2x2

## 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.

### DRIVER-FEEDBACK MODES

Incorporates all of the superior driver-feedback functionality of previous VCalm® signs including: multiple time-of-day user-definable speed thresholds to trigger independent messages and message sequences.

### TRAFFIC CAMERA

VCalm®ITS's on-board megapixel image sensor provides 640x480 (VGA) video capture at 30fps and 1280x720 (720p) at 15fps to verify speeding vehicles.

### 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.

### ENVIRONMENTAL SENSOR

Logs the density of harmful microscopic airborne particles with optional PAH analyzer.

### 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 PWMST™ 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

### STROBES, FLASHERS, AND SIRENS

Simulate photo enforcement with a strobe or emulate law enforcement red/blue flashers and sirens

### EXPANDABLE FUNCTIONALITY

Trigger custom messages or alerts from external inputs like pedestrian push buttons, temperature sensors, etc. VCalm®5 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.



3/8" polycarbonate lens

Three Available Colors



Dimensions: 24"(w) x 26"(h) x 5"(d)

Resolution: 32 x 32

Radar: Low power part 15 certified