



# VCalm<sup>®</sup>EMS-8x4

## LED Traffic Alert EMS Sign

by Fortel Traffic, Inc.

### CHANGEABLE LED DISPLAY

Fortel Traffic's VCalm<sup>®</sup>EMS is a powerful extinguishable (blank-out) message sign with two remote-selectable display messages, allowing for single or dual-phase messages. The VCalm<sup>®</sup>EMS can be used for emergency or traffic alerts, informative messages, and many other notifications. The VCalm<sup>®</sup>EMS can be configured with radar speed sensing and triggering options for data collection or traffic calming.

### BRIGHTEST DISPLAY

VCalm<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> signs have withstood severe conditions, including hurricanes, fires, and extreme temperatures. VCalm<sup>®</sup> has consistently proven to be the longest lasting speed sign in the industry.

### LOWEST POWER CONSUMPTION

VCalm<sup>®</sup> uses proprietary PWMS<sup>™</sup> LED technology that consumes 50% less power than most LED devices.

### EXPANDABLE FUNCTIONALITY

VCalm<sup>®</sup> can trigger messages or alerts from external inputs like push buttons or traffic cabinets. VCalm<sup>®</sup> can also control external devices like strobes, flashers, or beacons.

### ULTIMATE TRAFFIC DATA ACQUISITION

VCalm<sup>®</sup> units with optional radar 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.

### REMOVABLE DATA STORAGE

Nearly unlimited speed data storage capacity available on removable SD card.

### DRIVER-FEEDBACK MODES

Trigger messages using optional internal radar input with user-definable vehicle speed thresholds.



Color Options:



### AUTOMATED MANAGEMENT

The web-based software will automatically download vehicle speed data, update configuration and firmware changes, and generate and email speed study reports. Cellular modem option and data service are required for fully automatic updates.

### SPECIFICATIONS

- Dimensions:** 96" (W) x 48" (H) x 6" (D)
- Enclosure:** 11-gauge (.09") continuous-formed aluminum  
Available enclosure colors: black, white, or safety orange
- Lenses:** 3/8" polycarbonate UV-resistant lenses
- Display:** Fixed LED array with 1" (26 mm) LED clusters  
Automatic ambient light display dimming
- LEDs:** Ultra high-intensity amber (592 nm) LEDs, 8 LEDs per cluster
- Characters:** 10" (H), using 5 x 7 cluster array  
Custom cluster arrangements also available
- Power:** 120V-240V AC
- Weight:** Approx. 212 lbs.

### OPTIONS

- Radar:** Speed feedback, Data Collection
- Outputs:** Flashers, Sirens, Strobes, Beacons
- Communication:** Bluetooth, WiFi, Cellular Modem, GPS
- Power:** Solar Power Package

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