# VCalm®TL-8x4

## Full-Matrix Driver Feedback Trailer

by Fortel Traffic, Inc

Fortel Traffic's VCalm®TL is a powerful traffic calming message board with the added versatility of a trailer that provides a simple way for a single operator to relocate the sign. VCalm®TL is a summation of the most important features and technology that meet the evolving needs of the traffic and construction safety industry.

### 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 technology.

### 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 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.

### Unrivaled Versatility:

- Custom Messaging based on unique road conditions, activities, or events
- Multiple independently-scheduled vehicle speed thresholds can trigger any variation of messages and/or auxiliary devices: strobes, flashers, sirens, beacons, wireless alerts, etc.
- Instant Critical Messaging allows you to quickly display a high priority message from a remote location (requires IP modem).

### Simplest Programming:

- SD / SDHC Card provides practically limitless data storage space (40 years of data per gigabyte) and makes programming and data retrieval simple and affordable.
- Remote programming, simulation and control using VSpeed™Online with an IP modem
- Local wireless simulation and control using VSpeed™Mobile on a Bluetooth-capable mobile device with a Bluetooth adapter

### Easy and Accurate Reporting:

- Traffic Data Acquisition System (TDAS) collects the fastest and slowest speed for each vehicle.
- Accurate raw data collected by VCalm® can be used to construct limitless report formats and parameters for thorough data analysis.

**Display:**

- Size: 8' (W) x 4' (H)
- Resolution: 128 x 64
- Characters: up to 2 rows x 10 characters 15" tall

**Dimensions:**

- Raised: 11' (W) x 10' (H) x 7'-7" (D)
- Lowered: 6' (W) x 8'-9" (H) x 7'-7"(D)

**Construction:**

- Frame: 3" steel square tube
- Sign: 11-gauge (0.090") formed aluminum
- Nema 3R Weatherproof rating
- Lens: 3/8" Shatter / UV resistant Polycarbonate
- Wheels: 17" five-stud rim (white)
- Stability: 4 retractable jack stands
- Tail lights: 6-way standard male plug
- Powder-coated in black, white, safety orange or safety green
- Weight: 1200 lbs.

**Radar:** K Band (24.150 GHz), long range, FCC Compliant, no operating license required

**Solar System:**

- Batteries: (4) 105Ah Batteries
- Solar Panels: 250 Watt
- Solar Controller with digital LCD Display

**Available Options:**

- Wireless IP Modem
- Wireless Alert System
- Automatic Dimming
- Strobe, Flashers, and Sirens
- Traffic Camera
- Bluetooth
- GPS Clock
- AC Charging System
- Flashing Beacon
- Storage Box
- Traffic cone holder

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