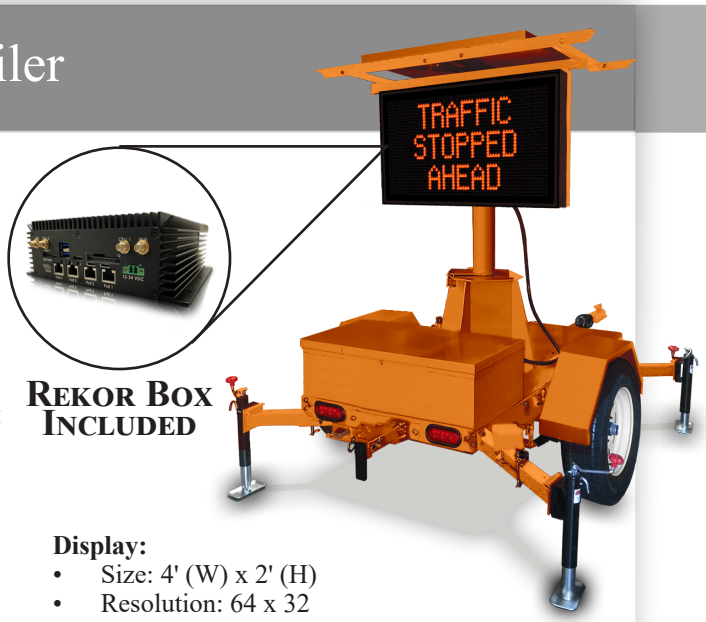
VCalm®TMR-4x2

Full-Matrix Driver Feedback Trailer

by Fortel Traffic, Inc

Fortel Traffic's VCalm®TM 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®TM is a summation of the most important features and technology that meet the evolving needs of the traffic and construction safety industry.



Rekor Box Included

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 mobile device (requires 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: 4' (W) x 2' (H)
- Resolution: 64 x 32
- Message sizes: From 4 lines x 12 characters (4" tall) To 1 line x 4 characters (15" tall)

Dimensions:

- Raised: 5' (W) x 10' (H) x 7' (D)
- Lowered: 5' (W) x 8' (H) x 7' (D)

Construction:

- Sign: 11-gauge (0.090") formed aluminum
- Nema 3R Weatherproof rating
- Lens: 3/8" Shatter / UV resistant Polycarbonate
- Frame: 2.5" x 0.135" steel
- Wheels: 16" with spokes
- Stability: 4 retractable jack stands
- Tail lights: 6-way standard male plug
- Powder-coated in black, white, orange or green
- Weight: 1100 lbs.

Radar: K Band (24.150 GHz), FCC Compliant

Solar System: Solar Panel: 300 Watt

- Batteries: (6) 105 Ah Batteries
- Solar Controller with digital LCD Display

ALPR Sensor:

- Up to 3 lanes, Up to 300 ft., 120 MPH
- Day/Night all-weather sealed (IP67) sensor
- Self-Illuminating IR with auto-brightness and gain

Included Options:

- Wireless VZ Modem
- Auto/Dimming, GPS
- Anti-Theft Wheel Lock
- AC Charging System
- Rekor ALPR Sensor

Optional Equipment

- Flashers / Beacons
- Storage Box
- Traffic Cone Holder

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