



# VCalm®TM-2x4

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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.

### Brightest Display

VCalm® utilizes high-volume, high-intensity, tightly-clustered LEDs to maintain the highest visibility possible.

### 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).

### Lowest Power Consumption

VCalm® uses proprietary PWMS™ LED technology that consumes 50% less power than common LED technology. Our programming delivers exceptional autonomy for solar/battery installations in a much smaller package size.

### Simplest Programming

SD Card provides practically limitless data storage space (40 years of data per gigabyte) and makes programming and data retrieval simple and affordable. (SDHC compatible)

Modems, coupled with our automated online software, provide remote access to sign programming so changes can be made instantly.

VSpeed™Online is the ultimate management software that gives the ability to program signs, simulate functionality, analyze data, and deploy configuration changes through remote access or SD cards.

### Strongest Construction

VCalm® maintains superior construction and durability with high quality components and no moving parts.

### Easy and Accurate Reporting

Traffic Data Acquisition System (TDAS) collects the fastest and slowest speed for each vehicle. The software uses this data to calculate the percentage of slowing vehicles and prove the device's effectiveness.

Accurate raw data collected by VCalm® can be used to construct limitless report formats and parameters for thorough data analysis.

Raised Dimensions\*: 60"(W) x 120"(H) x 84"(D)

Lowered Dimensions\*: 60"(W) x 96"(H) x 84"(D)

### Electric Lift:

Uniform Speed (Raise and Lower)

30" of Travel

Bottom of Sign Can Be Raised To 7 Feet

Maintenance-Free; No Hydraulic Pumps or Fluid Required

Frame Construction: 2.5" Steel Square Tube



Wheels (x4): 16" Five-Stud Rim (White)

Jack Stands (x4): 2000lb 12" Retractable

Jack Stand Legs (x4): 20" Diagonally Extending Adjustable Outriggers for Maximum Stability

Hitch Receivers (Front and Back): 2" with Removable Tongue

Hitch Type: 2" Class II Ball Coupler

Taillights: 6-Way Standard Male Plug

Power: 12V DC

Base Weight\*: 1000lb

\*Size and Weight May Vary Depending on Features

Trailer Color: Orange

Sign Dimensions: 26"(W) x 48"(H) x 5"(D)

Full-Matrix LED Display

LEDs: 6,144 Surface-Mounted Ultra High-Intensity Amber

Resolution: 32 x 64

Minimum Message Size: 9 Lines, 6 Characters Per Line (4" Tall)

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

### Radar:

K Band (24.159 GHz)

FCC Compliant (no license required)

Low Power (<2 Watt)

±1MPH Accuracy

Power Consumption: <2900mA

### ITS Options:

Travel Time Information

Traffic Flow Information

Dispatched Messages (Caltrans)

Speed Feedback

Wireless IP Modem: 4G Modem



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