VCalm®ITS-2x4

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Fortel Traffic's VCalm® Intelligent Transportation Systems (ITS) signs are the most versatile full-matrix message signs available. Configurable as driver-feedback and/or changeable message signs (CMS), VCalm®ITS is a summation of the most important features and technology to meet the evolving needs of the traffic industry.

Full-Matrix LED Display

Enjoy unlimited messaging capabilities with ease. Software text input, drawing, copy, paste, and photo import tools will help you set up your messages with efficiency.

Brightest Display

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

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.

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.

Removeable Data Storage

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

Expandable Functionality

Trigger custom messages or alerts from external inputs like pedestrian push buttons, temperature sensors, etc. VCalm®ITS also supports full flashing beacon control.

Driver Feedback Modes

Trigger messages and speed display using user-definable vehicle speed thresholds.

Strongest Construction

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

Alerts and Self-Diagnostics

Receive real-time email or SMS warnings for pixel failures, power failures, excessive speeding, and solar panel theft.

Automated Management

Web-based software automatically downloads vehicle speed data, updates configuration and firmware changes, and generates speed study reports.

Dimensions: 33"(W) x 48"(H) x 4.75"(D)

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)

Power Consumption: <2900mA

Sign Mount: Basic (Standard)

Power: Solar - VCalm®SP2 (130W)

Battery Type: 100Ah (x2)

Solar Mount: Mounting Bracket - Top of Pole

Modem: Wireless IP Modem - 4G

Wireless Service: VSpeed™Online - 1 Year

Additional Features:
    Standard Radar
    Automatic Dimming (Photodiodes)
    GPS Clock
    Strobe Light

Strobe Color: White

Warranty: 1 Year