VCalm®VMS-16

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Fortel Traffic's VCalm®VMS is a powerful traffic calming Variable Message Sign (VMS) with versatility that makes it perfect for a wide variety of applications. VCalm®VMS is a summation of the most important features and technology that meet the evolving needs of the traffic 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.

Radar:
    K Band (24.159 GHz)
    FCC Compliant (no license required)
    Low Power (<2 Watt)
    ±1MPH Accuracy

Power Consumption:
    500mA – 2000mA @12VDC
    400mA – 600mA @120VAC

Characters: 4"(W) x 6"(H)

Numerals: 9"(W) x 16"(H)

Dimensions: 28.5"(W) x 45"(H) x 4.5"(D)

Weight: 48lb

Enclosure Color: Black

Existing Pole (No Pole Provided)

Mounting System: Basic (Standard)

Power: Standard Solar Package

Batteries: 100Ah (x2)

Wireless IP Modem: 4G Modem