



VCalm®LM12

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Fortel Traffic's VCalm®LM is a powerful, lightweight full-matrix traffic calming sign, leveraging trusted VCalm® components embedded within a MUTCD-compliant retroreflective regulatory sign.

Low Cost

VCalm®LM does not require an additional battery box, allowing for economical solar installations.

Brightest Display

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

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)

Lightweight

VCalm®LM Series features signs weighing as low as 25lb or less, allowing convenient placement on perforated tube, Telespar, or Unistrut.

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.

Unrivaled Versatility

Supports Instant Critical Messaging as well as 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.

Lithium Batteries

VCalm®LM signs are configurable with single or dual internal lithium iron phosphate (LFP) batteries.

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 of the 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.

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.

Radar:

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



Letters: 4" MUTCD (Ch. 2B) "YOUR SPEED"

Numerals: 12"(H)

Dimensions: 24"(W) x 30"(H)

Enclosure: 20"(W) x 19"(H) x 4.6"(D)

Weight: Less Than 25lb

Regulatory Sign (Face) Color: Fluorescent Yellow-Green

Existing Pole (No Pole Provided)

Mounting System: Basic (Standard)

Power: Standard Solar Package

Batteries: 100Ah (x2)

Wireless IP Modem: 4G Modem



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