



VCalm®LM-18

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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.

Lightweight

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

Lithium Batteries

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

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.

Strongest Construction

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

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).

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.

Construction:

- 11-Gauge (0.090") Continuous Formed Aluminum Enclosure
- 1/4" UV-, Vandal-, and Shatter-Resistant Polycarbonate Lens
- High-Intensity Amber LEDs
- Nema 3R Weatherproof Rating
- 40° F to 167° F Temperature Rating



Radar:

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

Letters: 6" MUTCD (Ch. 2B) "YOUR SPEED"

Numerals: 18"(H)

Dimensions: 33"(W) x 44"(H)

Enclosure: 30"(W) x 24"(H) x 4.6"(D)

Weight: Less Than 35lb

Regulatory Sign (Face) Color: Fluorescent Yellow-Green

Regulatory Sign (Face) Material: High Reflectivity

Pole: Existing Square Tube, Perforated (Not Provided)

Sign Mount: Articulating (Works on Horizontal, Vertical, or Cantilever Poles)

Power: Solar - VCalm®SP1 (100W)

Battery Type: 100Ah (x2)

Solar Mount: Mounting Bracket (L/LM) - Side of Pole

Modem: Wireless IP Modem - 4G

Wireless Service: VSpeed™Online - 1 Year

Additional Features:

- Automatic Dimming (Photodiodes)
- GPS Clock
- Strobe Light

Strobe Color: White

Warranty: 1 Year

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