



# VCalm® DMSM-72

## Blank-Out and Full-Matrix LED Traffic Sign

by Fortel Traffic, Inc.

### FULL-MATRIX LED DISPLAY

Enjoy unlimited messaging capabilities with ease; the software's text input, drawing, copy, paste, and photo import tools will help you set up your messages with extreme efficiency.

### EXPANDABLE FUNCTIONALITY

Trigger custom messages or alerts or beacons from external inputs like roadway loop sensors, wireless occupancy sensors, pedestrian push buttons, temperature sensors, etc.

### BRIGHTEST DISPLAY

VCalm® utilizes high-volume high-intensity tightly clustered LEDs to maintain the highest visibility possible. This proven method of authoritative message presentation demands driver's attention, making it the most effective traffic calming sign on the market.

### 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.

### LOWEST POWER CONSUMPTION

VCalm® uses proprietary PWMST™ LED technology that consumes 50% less power than most LED devices. This provides exceptional autonomy for solar/battery installations.

### REMOVABLE DATA STORAGE

Nearly unlimited speed data storage capacity available on removable SD card

### ALERTS AND SELF-DIAGNOSTICS

Receive real-time email or SMS warnings for pixel failures, power failures, wrong way drivers, excessive speeding, and solar panel theft with optional cellular communication.

### ULTIMATE TRAFFIC DATA ACQUISITION

VCalm®FM with optional radar sensor module 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.



### Enclosure Color Options:



### LED Color Options:



### DRIVER-FEEDBACK MODES

Trigger messages and speed display using user-definable vehicle speed thresholds with optional radar sensor.

### Specifications

Lens: 3/8" polycarbonate  
Enclosure: 11-gauge (.090") continuous-formed aluminum  
Enclosure Color: Black, Green, White, or Orange  
Dimensions: 72" (W) x 36" (H) x 5" (D)  
Display: Fixed and Full Matrix; alphanumeric or symbolic characters. MUTCD standard or custom messages.  
Matrix LEDs: 6,912 surface-mount high-intensity  
Matrix Resolution: 48 x 48  
Min Message Size, 6 lines, 9 characters per line (4" tall)  
Max Message Size: 2 lines, 3 characters per line (15" tall)  
Power Consumption: < 3200mA

### Options

**Power:** 120V AC  
**Triggers:** Dry Contact, 12V, 24V, 120V,  
**Outputs:**  
**Communication:** Cellular Modem Data Service Ready  
**Regulatory Sign:**  
**Radar:**  
**Display:** Automatic Dimming

Fortel Traffic, Inc.

5310 E. Hunter Ave. Anaheim, CA 92807

Phone: +1 714 701 9800

www.forteltraffic.com