



# VCalm® DMS-24

## LED Traffic Alert Blank-Out Sign by Fortel Traffic, Inc.

### TRIGGERABLE LED DISPLAY

Fortel Traffic's VCalm®U is a powerful extinguishable (blank-out) message sign with up to two multi-colored remote-selectable display messages, allowing for independent triggering of single or dual-phase messages. The VCalm®U can be used for traffic alerts, informative messages, and many other notifications. The VCalm®U can be configured with radar speed sensing and triggering options for data collection or traffic calming.

### 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 PWMS™ LED technology that consumes 50% less power than most LED devices.

### EXPANDABLE FUNCTIONALITY

VCalm® can trigger messages or alerts from external inputs like push buttons or traffic cabinets. VCalm® can also control external devices like strobes, flashers, or beacons.

### ULTIMATE TRAFFIC DATA ACQUISITION

VCalm® units with optional radar 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. Nearly unlimited speed data storage capacity available on removable SD card.

### AUTOMATED MANAGEMENT

The cloud-based software will automatically download vehicle speed data, update configuration and firmware changes, and generate and email speed study reports. (Cellular modem option and data service are required for fully automatic updates.)



Preset Options:



Enclosure Color Options:



LED Color Options:



### Specifications

**Dimensions:** 24" (W) x 24" (H) x 4.5" (D)

**Enclosure:** 11-gauge (.090") continuous-formed aluminum  
Available enclosure colors: black, interstate green, white, or safety orange

**Lens:** 3/8" polycarbonate, UV, vandal, and impact resistant

**Display:** Fixed LED display array; alphanumeric and/or symbolic characters. MUTCD standard or custom messages

**LEDs:** Ultra high-intensity, narrow-angle SMT LEDs

**LED Colors:** Amber, Green, Red, White

**Characters / Symbols:** 3" to 18"

**Power:** 120V-240V AC

**Weight:** Less than 20 lbs.

### Optional Equipment

**Power:** Redundant AC Power Supply, Solar Power Package

**Triggers:** Dry Contact, 12V, 24V, 48V, 120V, 240V

**Outputs:** Flashers, Sirens, Strobes, Beacons

**Communication:** Bluetooth, WiFi, Cellular Modem, GPS

**Regulatory Sign:** Diamond-grade retroreflectivity

**Radar:** Speed feedback, Data Collection

**Display:** Automatic Dimming

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