VCap™

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VCap™ is a standalone radar traffic data collection device without a display. It captures vehicle data the same way the VCalm® product line does – peak and low speeds. This unique method allows easy tracking of driver behaviors and patterns with VSpeed™Online capability.

Vast Data Storage

VCap™ utilizes an onboard SD card with practically limitless data storage space (about 40 years of data per gigabyte.) As data is received through the radar unit, VCap™ creates dated speed samples and stores them on the SD card. Every 24 hours a new file is created on the SD card and samples continue to be stored. Data is maintained even during a power outage, with new samples collected when power returns.

Traffic Alerts

Set up user-defined alerts and notifications when vehicles exceed speed thresholds or for VCap™ status changes. Setup notifications for when new data is collected. When used with a cellular modem, alerts can be relayed from the sign via email or SMS.

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.

Multi-Function Upgradeable

VCap™ can be upgraded to control external devices such as Flashing Beacons, Displays, and other traffic calming devices.

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

Existing Pole (No Pole Provided)

Power: Standard Solar Package

Batteries: 100Ah (x2)

Solar Mount: Side of Pole

Wireless IP Modem: 4G Modem

Wireless Data: 3 Years VSpeed™Online

Warranty: 1 Year