



VCap™

Traffic Data Collector

by Fortel Traffic, Inc

VCap™ is a standalone radar traffic data collection device that collects traffic data the same way the VCal™ product line does - Peak and Low speeds. This unique method allows tracking of driver behaviors and patterns.

TRAFFIC DATA ACQUISITION SYSTEM (TDAS)

Traffic Data Acquisition System (TDAS) counts vehicles and collects the “peak” and “low” speed for each vehicle and adds a date and time stamp.

“Peak” and “Low” speed data is gathered and defined in the following manner: As a vehicle travels in the radars detection area, many speeds are collected. Once the vehicle has passed, VCap™ sorts the speeds and selects this highest (peak) speed and lowest (low) speed of that vehicle - each with its own timestamp.

Peak/Low speed data allows you to analyze more accurately the effect that the sign has on vehicles in the zone you are testing. This accurate raw data collected by a sign can be used to construct limitless report formats and parameters for thorough data analysis.

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.



LOWEST POWER CONSUMPTION

VCap™ uses less than 15mA @12 VDC (80% less than standard data recorders). Optional solar package allows for complete autonomous operation.



TRAFFIC ALERTS:

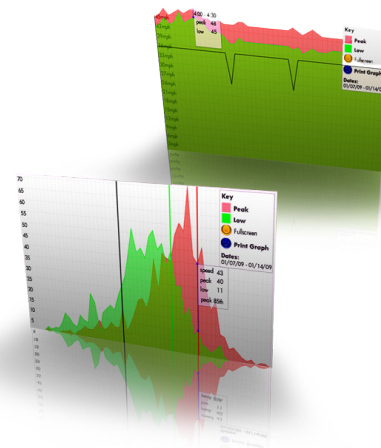
Setup user-defined alerts and notifications when vehicles exceed speed thresholds or for VCap™ status changes. Setup notifications for when new data is collected. When used with a cellular modem, alerts can be relayed from the sign via email or SMS.

MULTI-FUNCTION UPGRADABLE

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

POWERFUL DATA REPORTS

This device is **VSpeed™Online** Compatible. This allows you to view and make custom traffic reports easily and have access to create graphs with many different parameters.



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