

SpeedGard



FEATURES

- Accurate detection of vehicle speed using a Doppler radar.
- Stores up to 10,000 transactions in the event of loss of server communications.
- Ruggedized for anit-vandalism and anti-theft of equipment.
- Back office database/client software provided for report generation and database maintenance.
- Well suited to speed enforcement for use in Home Owner Associations, School Zones, Work Zones, Municipal and Rural highways
- Self triggering

• Traffic Calming

• Transaction History

• Vehicle Theft Deterrent

• 24 Hour Performance

• Built-in Intel Processor

• Wireless/Cable Interfaces

• Ease of Installation

• Multiple Applications

• Built-in Doppler radar

SpeedGard

SpeedGard™ was designed to provide a photo enforcement tool for detecting the speed of vehicles and capturing multiple images of vehicles which exceed a user defined speed threshold. It provides 24 hour speed enforcement for use in Home Owner Associations, School Zones, Work Zones, Municipal and Rural highways, and any other locations where there is a need to calm traffic.

The tool is evidence driven and is a most effective tool in reducing speeds and increasing safety. The radar measures the speed of each passing vehicle. When a vehicle exceeds a user configurable maximum speed, the digital camera captures a series of images of the vehicle and its license plate. SpeedGard™ provides undeniable proof of speed violations.

The SpeedGard™ consists of a Doppler radar, a camera, an invisible LED flash unit, a processor and a wireless access point. Each SpeedGard™ unit comes pre-installed with software for setting speed thresholds and managing data. Photos of speed violators vehicles can be remotely accessed from any web browser.

Enforcement methods may range from warning letters to citations. The violations and the association images can be downloaded via the built in wireless interface. In locations where networks already exist, the violations and images can be uploaded to a central location for processing. Furthermore TDS will provide violation processing and data management services if desired. Automatic license plate number reading is also available for implementation if the system needs to compare license numbers with an existing database for detection of vehicles of interest.

The enclosure is hardened to withstand difficult environmental and electromagnetic conditions. The lane processor is a personal computer that has been ruggedized to operate in a harsh environment. The interface to a laptop is provided though an Ethernet port or through a built-in Wi-Fi link.

Recently a homeowners association in San Diego County purchased a single unit for a trial. The demonstration unit succeeded in reducing speeds and the fines that were levied paid for the unit in 90 days. Based on that experience they purchased a second unit. For that HOA it was a win-win situation.

Manufacturer's Suggested Retail Price for the basic system is \$12,995.



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