

StreetSmart™

..... Intelligent Traffic Statistics Software

Use StreetSmart software to format and display the vehicle data collected from any of our sign models. Each TC-500 contains a mini-SD card that stores records on over 500,000 vehicles as they approach and pass the sign.

With the data conversion tool in StreetSmart, this sign information is loaded into Excel™ ready files, and populates the included templates with just a few mouse clicks. Graphs and tables for a week of vehicle data are available for your review. Standard reports include:

- ◆ Number of vehicles detected per day, per hour, and per half hour.
- ◆ Average vehicle speed per day, per hour, and per half hour.
- ◆ Peak vehicle speeds per day, per hour, and per half hour.
- ◆ 50th and 85th percentile speeds per day.
- ◆ Number of vehicles grouped by average MPH segments (21-25, 26-30, 31-35, etc...).
- ◆ Number of vehicles grouped by peak MPH segments (5-20, 21-25, 26-30, etc...).
- ◆ Graphs capable of comparing week to week changes.
- ◆ Graphs capable of comparing day to day changes .

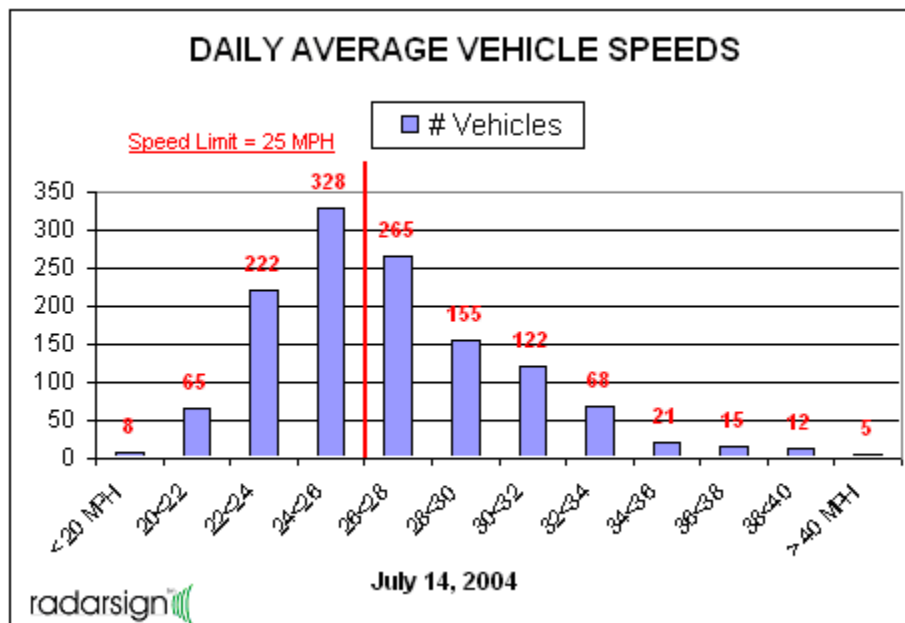
If you want to review the data with custom tables, graphs, or charts, the data is available for you to work with as desired.

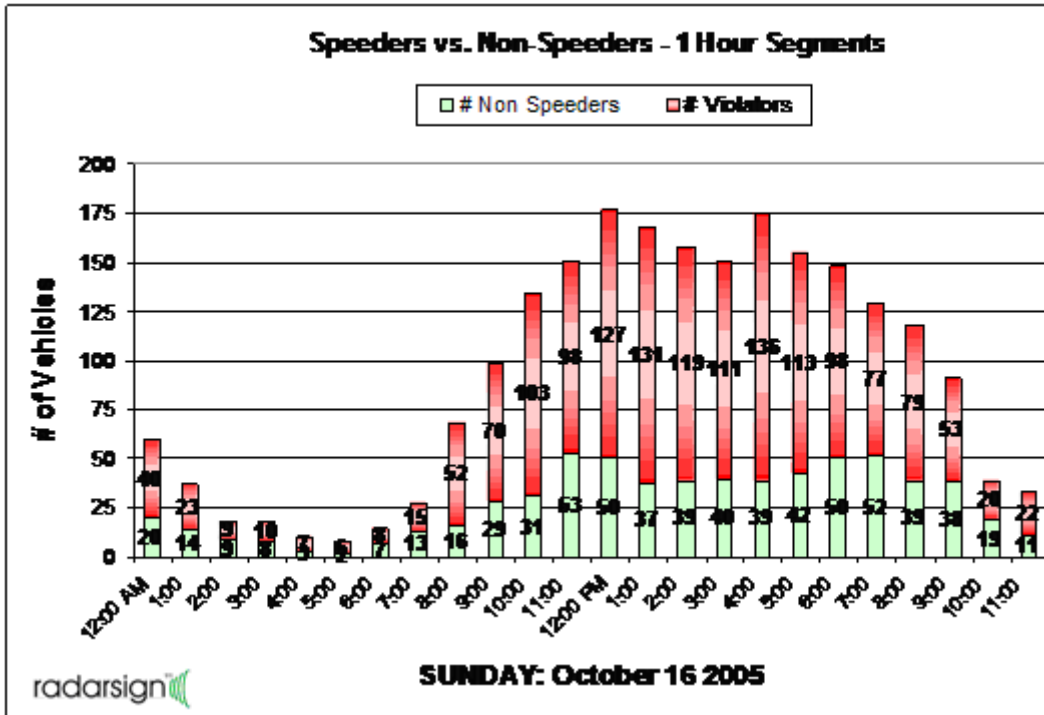
StreetSmart™ benefits:

- ◆ Can pinpoint specific speeding times during the day, providing law enforcement the best information about when to patrol.
- ◆ When used to collect data with the LED display off, provides a baseline of the actual speeding problem.
- ◆ When compared to the 'DISPLAY OFF' data, proves the effectiveness of the sign in slowing drivers.
- ◆ Allows for continued monitoring of sign effectiveness for years.

SAMPLE REPORTS:

TUES. 12/19/06	AVERAGE SPEED	PEAK SPEED
	# Vehicles	# Vehicles
5 - 20 MPH	86	35
21-25 MPH	165	50
26-30 MPH	309	170
31-32 MPH	87	95
33-35 MPH	87	156
36-37 MPH	31	96
38-40 MPH	33	102
41-42 MPH	6	46
43-45 MPH	6	41
46-50 MPH	3	17
51-55 MPH	1	2
56+ MPH	0	4
Daily Total	814	814





[Click here to download StreetSmart Software Spec Sheet \(PDF\)](#)

SOLAR OPTIONS

The TC-500S model runs efficiently enough to require only a 40 watt solar panel for most of the United States geography. Even a week of total darkness would not keep the sign from operating 7 x 24 hours a day! Another benefit of the 40 watt panel is that it is small enough (25"x21") to be unobtrusive in a neighborhood setting.



A 54 watt or 65 watt option can add faster charging capability for locations in northern latitudes and for sites where speeding traffic volume is very high. (To determine the best solution for your needs, click on the solar chart link below.)

The Model TC-500S houses two 18 AMP deep cell, non-spillable long life batteries.

- 12 Volt 18 Amp Hours
- Spill proof construction provides safe operation in any position

- U.L. recognized under file number MH 14328
- Operating temperature range: -4°F to 138°F

Our unique SmartCharge energy management software ensures an orderly shutdown of the TC-500 whenever battery power approaches 20% of the remaining charge. This ensures that battery life is extended as long as possible. Completely exhausting the battery power reserves will diminish the battery's ability to recharge fully. The next day of even partial sun will bring the sign back to life.

[Click here to see US City solar energy averages.](#) (PDF)

[Click here to see solar chart for traffic volume and power estimates.](#) (PDF)