

# Traffic Data Acquisition and Analysis System



## Filters, analyzes data

The system filters and analyzes the data stream, detects discrete oncoming vehicles that pass the trailer, and records their speed with a time/date stamp.

## Accurate average counts

This methodology provides average vehicle counts and is the best application for determining peak load times and violation concentrations for complaint

verification and scheduling deployment of traffic enforcement officers.

## Download to SD card

The collected data is saved on a Secure Data (SD) card and can be downloaded to any Windows 2000 or newer computer with the provided card reader.



## Excel compatible

The data can then be analyzed by the included traffic count software package or software capable of accepting a comma delimited ASCII text file, such as Microsoft Excel. Tabulated reports and charts include Survey Summary, Vehicle Count, Speed, and Time/date, 85th percentile, 15-minute, 1-hour, Daily and Weekly analysis, etc.

Available with the Stalker SAM, Message Center 360 and VMS Trailers.

## Complete Reporting Capabilities

- 1) **Survey Summary**
  - a. Variable Display Scheme
  - b. Total Surveyed
  - c. Incremental Speed Grid (Speed, Volume % Survey)
  - d. Speed Statistics Summary
    - I. Posted Limit
    - II. At/Under Limit Qty.
    - III. Over Limit Qty.
    - IV. Average Speed
    - V. 85th Percentile
    - VI. Maximum Speed
  - e. 10 MPH Pace
  - f. Number exceeding limit
- 2) **Speed Graphs**
- 3) **Daily Volume/Time Graph**
- 4) **85th Percentile Graph**
- 5) **15-Minute Breakdown**
  - a. AM/PM Analysis
- 6) **Weekly Summary 4 Week Limit**
- 7) **Time Vs. Speed**
  - a. Hourly numeric breakdown
- 8) **Competitive Survey Analysis**
  - a. Virtual Week
  - b. Dynamic/Survey Week
  - c. Comparative Surveys
  - d. Selective Time View

See reverse side for additional screen captures



**STALKER**® Radar | Lidar

The World Leader in Speed Measurement

[StalkerRadar.com](http://StalkerRadar.com)

1-800-STALKER

Stalker

Radar's

Traffic Data

Acquisition &

Analysis System

offers a single data

collection package for a

myriad of applications.

Since streaming data

acquired from the

radar system is used,

the deployment of

pneumatic tubing is

not required.

# Traffic Data Acquisition and Analysis System

Hour	Mon	Tue	Wed	Thu	Fri	Sat	Sunday	Weekend
14:00	12	25	7	10	20	8	12	13
15:00	10	15	5	8	15	6	11	9
16:00	15	30	10	12	25	10	18	15
17:00	18	35	15	17	30	12	22	20
18:00	20	40	20	22	35	15	25	22
19:00	15	30	10	15	20	8	15	12
20:00	10	20	5	10	15	5	10	8
21:00	8	15	3	8	10	4	8	6
22:00	5	10	2	5	8	3	5	4
23:00	3	5	1	3	5	2	3	2
Total	162	302	107	132	245	102	167	152

## Dynamic Graphing

Powerful tools for at-a-glance measurement of vehicle traffic based on your survey selections. It includes a variety of options for paring down the data to exactly what you need to present.

## Summary Charts

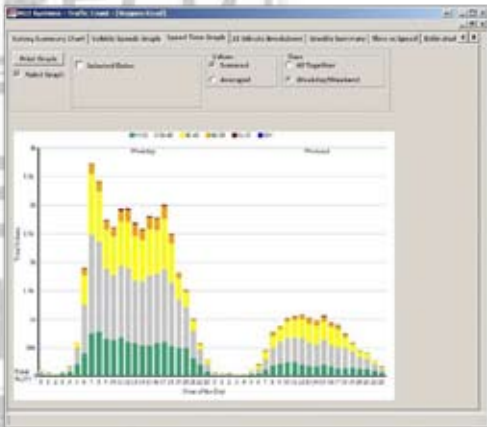
A variety of easy-to-read, selectable charts summarizing speeds, peaks, time, traffic volume, and averages.

## Virtual Week

A presentation of the penultimate average week for your location. As such, if your survey contains less than 2 weeks worth of data, a Virtual Week cannot be calculated. Ideally, the more data you have, the more accurate the presented virtual week will be.

## Estimated Revenue Calculator

Simplifies the process of calculating how much the speeders in your area may be worth to you. Changing the values for 'Speed Ranges' and Fees is easy—and as it remembers your settings, you only need to set it correctly once!



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Speed Range	Number of Vehicles	Potential Revenue
1 to 10 MPH	3481	\$4482
11 to 15 MPH	240	\$480
16 to 20 MPH	38	\$76
21 to 25 MPH	4	\$80
26 to 30 MPH	1	\$0
31 to 35 MPH	0	\$0
36 to 40 MPH	0	\$0
41+ MPH	0	\$0



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