



Stalker TDC | Traffic Data Collector


Portable. Accurate. Effortless.

Collect and analyze valuable traffic data to support Grant applications and community policing with set-it-and-forget-it efficiency.

Stalker Radar's Traffic Data Collector can begin collecting traffic data as soon as it is deployed. Simply secure it to its locking mounting bracket, aim the tiltable radar antenna, and turn it on. With a 7-day battery life, the Traffic Data Collector captures vehicle data that can be analyzed later with Stalker's full-featured, easy-to-use Traffic Statistics App, included with every collector.



Collect Now.

- Highly accurate NHTSA free-flow traffic count
- Low-key appearance allows for natural traffic patterns
- Up to 7 days of unattended data collection with sealed internal battery
- Simple setup - one button control
- Weatherproof case with lockable enclosure
- Secure, tamper-resistant mounting bracket
- Large storage capacity with simple download
- Analyze retrieved data using the **Stalker Traffic Statistics** PC application 

Analyze Later.

Traffic Statistics Application

Easy-to-use, full-featured traffic analysis application

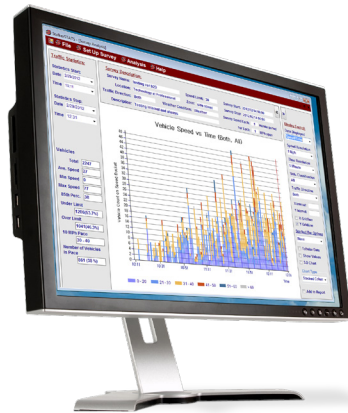
Stalker Traffic Statistics App is a comprehensive, full-featured traffic statistics collection-and-analysis tool designed for law enforcement officers, traffic engineers, neighborhood associations, city maintenance departments, and other safety personnel. The application controls radar sensor setup, survey data extraction, survey data analysis, and report creation, while working seamlessly with the Stalker Traffic Data Collector.

Once collected, data can be analyzed against numerous metrics and presented in a variety of ways, including a statistics summary for any time period in the survey schedule:

- Average speed
- 85th percentile
- 10 MPH (km/h) pace
- Max/min speeds
- Over/under limit count

Plus create Full Color Graphical displays:

- Speed Vs. Time
- Vehicle Count vs. Time
- Vehicle Count vs. Speed



StalkerRadar.com

STALKER®

Power to Enforce.

Stalker Traffic Data Collector

Mounts easily

- Tamper-resistant bracket - attach, mount, and lock
- Mounts to wooden utility poles, square or round sign posts

Runs up to 7 days unattended

- Sealed lead-acid battery (no leak, even upside down)
- Internal charger
- External fast charger
- Field-swappable battery

Performs in harshest conditions

- Weatherproof, heavy-duty Polycarbonate case
- Lockable enclosure

Stores data securely

- 16 MB of internal memory
- USB flash drive data transfer

Captures data accurately

- Highly accurate NHTSA free-flow traffic count
- Range of up to 800 ft.
- Adjustable sensor tilt angle (up to 30°) for more accurate traffic count



Heavy-duty mount



Adjustable tilt



Specifications

Overall size	12.4" x 8.7" x 5.2" (315 x 221 x 132 mm)
Weight without battery	7.7 lbs (3.49 kg)
Weight with typical battery	21.4 lbs. (9.71 kg)
Case material	Polycarbonate
Operating temperature	-22° to +122° F (-30° to +50° C)
Battery	Sealed lead-acid
Typical battery capacity	20 amp-hours
Unattended operation	7 days
Radar sensor	Stalker Stationary Speed Sensor II
Directionality	Approaching and receding
Speed resolution	1 mph (1 km/h)
Typical range	800 ft. typical (240 m)
Beam width	30° by 32°, up to 3 lanes of traffic
Data memory	16 MB internal memory Up to 32 MB external (flash drive)
Connection method	USB

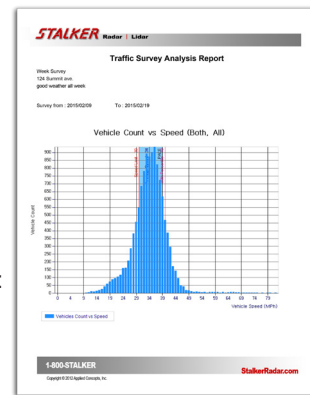
Stalker Traffic Statistics App

When the survey period is complete, data can be downloaded by either connecting a PC or by attaching a USB thumb drive to the USB port. Data is automatically transferred to the thumb drive without user action.

Stalker's Traffic Statistics App presents data in such a way that makes the survey analysis results clearly understandable. Traffic Statistics, Survey Description, and Display Controls surround the graphing window. Changes made to parameters update in real time.

Traffic data statistics to support Grants and community policing

- Easily apply location, traffic direction, weather, etc. to recorded data
- Narrow focus to specific dates and times
- Present data in a variety of ways:
 - Average speed
 - 85th percentile
 - 10 MPH (km/h) pace
 - Max/min speeds
 - Over/under limit count
- Create full color presentations for Grant applications and other need justifications:
 - Speed vs. Time
 - Vehicle Count vs. Time
 - Vehicle Count vs. Speed



StalkerRadar.com

STALKER®

Power to Enforce.

applied concepts, inc.
2609 Technology Drive ■ Plano, Texas 75074
972.398.3780 ■ Fax 972.398.3781



006-0590-00 Rev A

800-STALKER