



Stalker SAM | Speed Awareness Monitor

Stalker's SAM trailers are powered by Precision Solar Controls and feature Stalker speed measurement accuracy in a rugged, dependable trailer platform.



■ Optional Solar Panels

■ 18" Amber LED characters - legible at up to 1000 ft.

■ 4D Deep-cycle battery - provides over 18 days of operation and longer time between charges

■ Stalker K-Band Doppler Radar

■ New Optional Programmable LED Violator Alert

■ Optional Integrated Statistics Package

■ Hand-held controller



◀ Programmable LED Violator Alert (Optional)



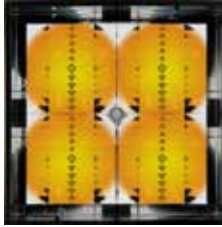
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LED Lamp Matrix and Pulse Modulation

At the heart of the Stalker SAM is Precision Solar Control's LED Lamp Matrix and LED Pulse Width Modulation. The LED Lamp Matrix concentrates and focuses the LEDs' light, allowing the motorist to see the sign at a greater distance and, thus, act on the speed warning quicker.



LED Pulse Width Modulation significantly increases the time between battery charges and powers the LEDs so that they remain at a consistent brightness throughout the battery's discharge cycle.

Stalker K-Band Radar

The speed measurement component is pure Stalker - accurate and durable. Stalker's Stationary Speed Sensor II radar has greater range, sensitivity, and tracking when compared to competitive signs' radar.



4D Deep-cycle 12-volt battery Provides over 18 days of continuous operation yielding longer operational time between battery charges.

Graffiti-resistant paint

The finish keeps the trailer looking clean and neat for a professional department image, while its all steel construction provides a sturdy platform and reduces damage sustained in the field.

Dedicated hand-held controller

Complete programming and diagnostic functions in the palm of your hand.



Four stabilizing/leveling jacks

aid in proper placement and stability while allowing one officer to position the SAM on nearly any type of terrain.

Retractable/Removable tongue

Options:

Top-mounted solar panel

The panels recharges a day's worth of battery use with only 2.5 hours of sunlight allowing for "infinite" field operation.



New Programmable LED Violator Alert

High powered LED Violator Alert flashes to warn motorists when they have exceeded a pre-set speed. Three (3) different user-programmable settings and choice of blue/red or white/white.



Integrated statistical package

gathers valuable traffic data for improved grant writing support and verification of the sign's impact on traffic speeds.

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Specifications:

TRAILER

Width	64" (1.63m)
Length	116" (2.95m) tongue in travel position 57 1/2" (1.5m) tongue in display position
Height	91" (2.31m)
Weight	700 lbs. (317.5kg)
Main Frame	2" x 4" x .120" Steel Tubing

DISPLAY CABINET

Material Thickness	.156" ABS Plastic
Width	36" (.91m)
Height	25 1/2" (.65m)
Depth	5 1/4" (.13m)
Lexan Window Thickness	.125"
Cabinet Temperature Delta	±20°

ENERGY SOURCE

Battery Bank	4D Deep-Cycle Battery 18 days @ 78°F (25°C)
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RADAR - STALKER STATIONARY SPEED SENSOR II - 24.125 GHz

Detection Distance	Up to 1,200' (365 m)
Beam Width	30° x 32°

Accessories:



Coupler Lock

Wheel Lock

Wheel Jack

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006-0455-00 Rev F

800-STALKER



Stalker Traffic Analyst | Powerful Traffic Data Tool

Making traffic statistics work for you.

Collect and analyze valuable traffic data in support of Grant applications and community policing, with industry-leading effectiveness.

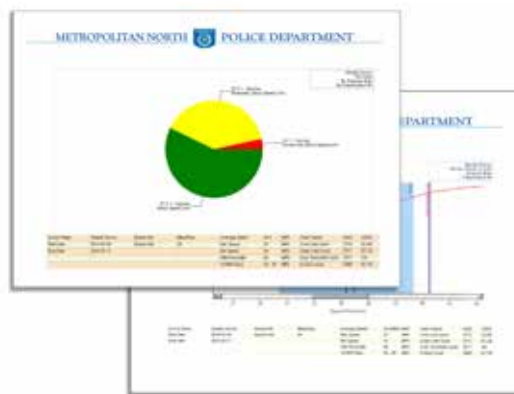
The very first section in most Grant applications is to define the need. Whether for adjusting a speed limit, purchasing a speed/message sign, or allocation of department resources, properly assembled traffic data can make all of the difference between winning or losing an application. Powerful traffic statistic tools are essential when analyzing aggregate data.

The new Stalker Traffic Analyst is that tool. Updated analysis controls allow the user to take raw data and display it by count vs time, count vs speed, and 85th percentile, just to name a few. Data can be split, graphed, filtered, and then rendered in a color report designed with Agency Branding and support information.

Beginning with the setup, intuitive survey management tools walk the user through calendar setup, location details, speed and time resolutions, vehicle classification, speeds, distances, and more.



- **Intuitive Survey and Calendar setup**
- **Powerful Visual analysis**
- **Easy, user-defined report generation** ▶
- **Compare and toggle between multiple reports**
- **Group file operations into project folder**



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Powerful Visual Analysis

The analysis window is the visual heart of the program. The floating palettes control the visual display and survey details may be added such as Google Map/satellite views, descriptions, and notes.



Floating Palettes

■ Analysis Control

The Analysis Control palette where the analysis type is chosen and then applied to the analysis window.

- Count vs Time
- Weekly Count vs Time
- Count vs Speed
- Percentile Chart
- Average Speed vs Time
- Speed vs Time Bubble Chart
- Enforcement - Pie chart - **NEW**

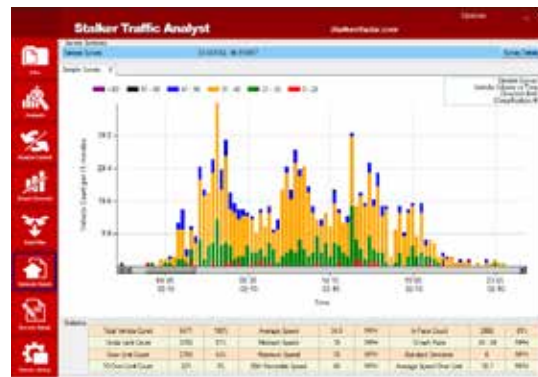
A simple tool for Law Enforcement, citizens, city council, and management. Quickly display vehicle speeds below, moderately above, and excessively above speed limit threshold.

■ Graphic Controls

The Graph Controls palette provides additional options such as grid detail, data values, display type (graph or tabular) and graph type.

■ Data Filtering

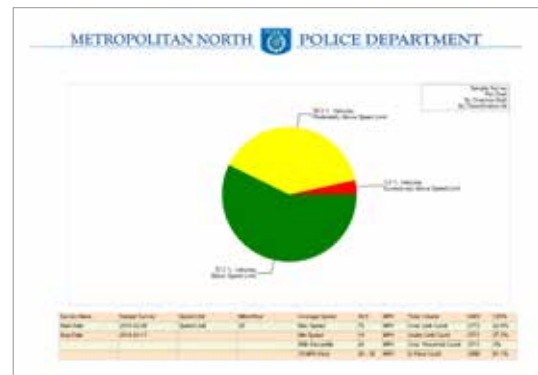
Fine tune the data by more selective parameters such speed, dates, times, classification, and traffic direction.



Analysis Window

Date	Time	Speed	Count
10/10/2017	10:10	25	1
10/10/2017	10:15	25	1
10/10/2017	10:20	25	1
10/10/2017	10:25	25	1
10/10/2017	10:30	25	1
10/10/2017	10:35	25	1
10/10/2017	10:40	25	1
10/10/2017	10:45	25	1
10/10/2017	10:50	25	1
10/10/2017	10:55	25	1
10/10/2017	11:00	25	1
10/10/2017	11:05	25	1
10/10/2017	11:10	25	1
10/10/2017	11:15	25	1
10/10/2017	11:20	25	1
10/10/2017	11:25	25	1
10/10/2017	11:30	25	1
10/10/2017	11:35	25	1
10/10/2017	11:40	25	1
10/10/2017	11:45	25	1
10/10/2017	11:50	25	1
10/10/2017	11:55	25	1
10/10/2017	12:00	25	1
10/10/2017	12:05	25	1
10/10/2017	12:10	25	1
10/10/2017	12:15	25	1
10/10/2017	12:20	25	1
10/10/2017	12:25	25	1
10/10/2017	12:30	25	1
10/10/2017	12:35	25	1
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10/10/2017	19:30	25	1
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10/10/2017	23:15	25	1
10/10/2017	23:20	25	1
10/10/2017	23:25	25	1
10/10/2017	23:30	25	1
10/10/2017	23:35	25	1
10/10/2017	23:40	25	1
10/10/2017	23:45	25	1
10/10/2017	23:50	25	1
10/10/2017	23:55	25	1
10/10/2017	24:00	25	1

Tabular Data



Sample Report

Easy Report Generation

Simple setup allows for custom design of your reports with Agency information, branding, photos, and other supporting details for printing and distribution.

Intuitive Survey Setup

An intuitive setup window steps you through all of the necessary data to be included:

- Location details
- Survey configuration
- Speed/time resolutions and vehicle classifications
- Calendar setup
- Modes, days of the week, start/stop times

Simple Sensor Setup

Communication between the Traffic Analyst program and the Stalker Traffic Statistics sensor is simple and virtually automatic.



Survey Setup

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