



# 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)



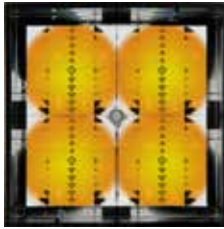
# STALKER®

## Power to Enforce.

stalkerRadar.com

## 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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