



## SAM-R | Rotatable Speed Alert Monitor

# STALKER SAM-R

The Stalker SAM-R trailer takes all of the features our customers have asked for and put them into one efficient, versatile, and heavy duty package.

### ■ STALKER K-BAND DOPPLER RADAR

Pure Stalker - Accurate and durable with greater range, sensitivity and tracking.

### ■ HAND-HELD CONTROLLER

Provides programming and diagnostic functions.



### ■ 18" AMBER LED CHARACTERS

Legible at up to 1000 ft.

### ■ GROUP 27 - 12-VOLT BATTERY

Provides 8 -10 days of continuous operation.

### ■ TRAVEL CONFIGURATION

The display panels rotate and lock for easier towing and improved wind resistance.



### OPTIONAL:

#### ■ SOLAR PANELS

Recharge a day's worth of battery use with only 2.5 to 3 hours of sunlight allowing for long-term field operation.



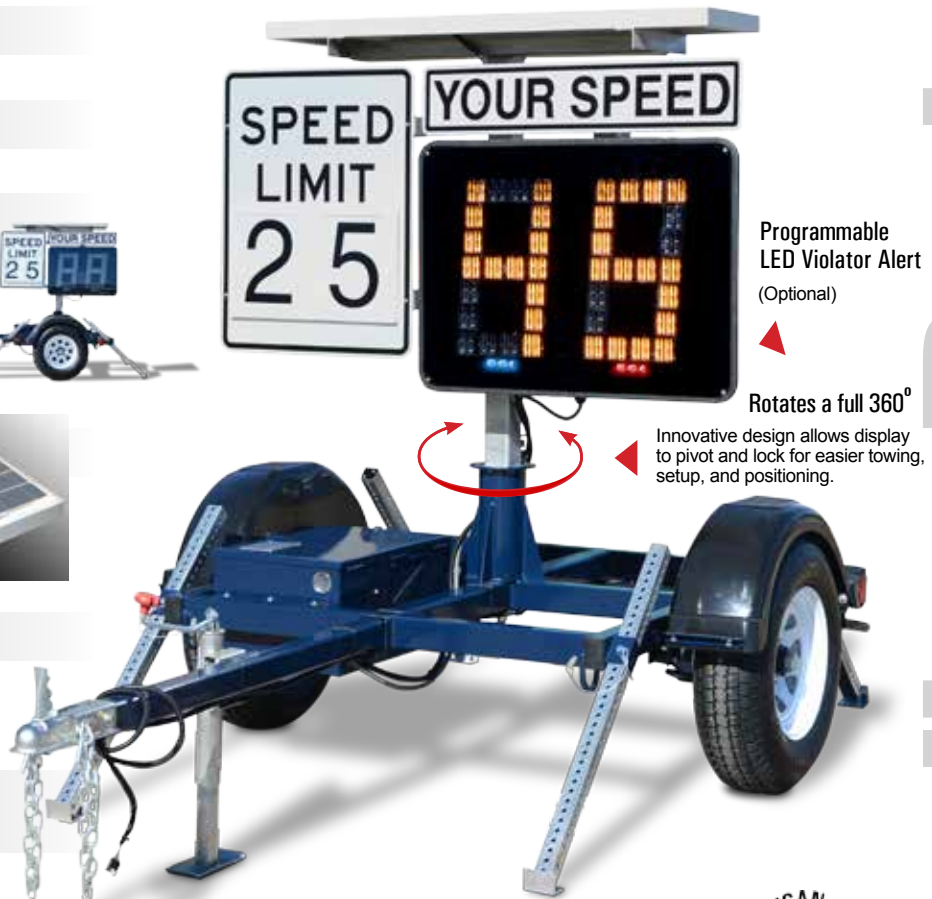
#### ■ STATISTICAL PACKAGE

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

#### ■ PROGRAMMABLE LED VIOLATOR ALERT

(3) User-programmable settings in choice of red/blue or white/white.

The Stalker Rotatable Speed Alert Monitor (SAM-R) features 18-inch amber LED characters that are visible at up to 1000 feet. A convenient hand-held controller, Stalker K-Band Doppler radar, and an 8- to 10-day battery round out its standard configuration. Its rotating display and small footprint make towing and deployment easy enough for one person. Plus, optional equipment includes solar panels, a traffic statistics package, and programmable LED violator alerts. It's a versatile, lightweight speed alert trailer rugged enough for continuous duty.



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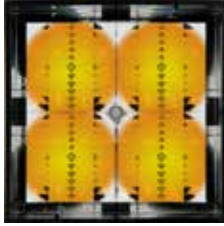
# STALKER®

## Power to Enforce.

## LED Lamp Matrix and Pulse Modulation

At the heart of the Stalker SAM-R 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 more quickly.

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 Traffic Speed Sensor 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.



**Group 27 12-volt battery** Provides 8-10 days of continuous operation yielding longer operational time between battery charges - longer time with 2nd battery installed.

### 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 supports

One officer can position the SAM-R on nearly any type of terrain.

### Removable tongue

## Options:

### Top-mounted solar panel

recharges a day's worth of battery use with only 2.5 to 3 hours of sunlight allowing for long-term field operation.



### Programmable Violator LED 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 LEDs.



### Integrated statistical package

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

### Additional Group 27 battery

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## Specifications:

### TRAILER

Width	68" (1.73m)
Length	110" (2.8m) tongue in travel position 57½" (1.5m) tongue removed
Height	76" (1.93m) with solar option
Weight	680 lbs. (308 kg)
Main Frame	2" x 4" x .120" Steel Tubing

### DISPLAY CABINET

Material Thickness	.156" ABS Plastic
Width	36" (.91m)
Height	25½" (.65m)
Depth	5¼" (.13m)

Lexan® Window Thickness .125"

Cabinet Temperature Delta ±20°

### ENERGY SOURCE

Battery Bank Group 27 12-volt Battery  
8-10 days @ 78°F (25°C)

### RADAR - STALKER STATIONARY SPEED SENSOR II - 24.125 GHz

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

## Accessories:



Wheel Lock



Coupler Lock

### Also Available

- Spare Tire
- 2nd Battery

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