

# Stalker's portable SAM projects 24-hour presence in problem zones.

**NEW**  
from  
**STALKER**

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

■ **STALKER KA-BAND DOPPLER RADAR**

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

■ **18" AMBER LED CHARACTERS**

Legible at up to 1000 ft.

■ **RUGGED TRAILER PLATFORM**

■ **4D DEEP-CYCLE 12-VOLT BATTERY**

Provides over 18 days of continuous operation yielding longer operation time between battery charges.

■ **HAND-HELD CONTROLLER**

Provides programming and diagnostic functions.



**OPTIONAL:**

■ **SOLAR PANELS**

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



■ **INTEGRATED STATISTICAL PACKAGE**

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

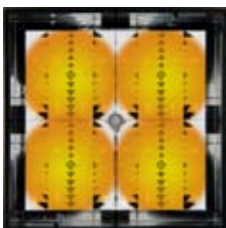


# SAM | SPEED AWARENESS MONITOR

## 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.



4 LEDs are used in each Matrix. Interior collector facets and exterior exit facets on the lens concentrate and focus the light for the most efficient LED illumination.

## Stalker Traffic Speed Sensor Ka-Band Doppler Radar

The speed measurement component is pure Stalker - accurate and durable. Stalker's Ka-Band radar has greater range, sensitivity, and tracking compared to competitive signs' K-Band radars.



## 4D Deep-cycle 12-volt battery

provides over 18 days of continuous operation yielding longer operational time between battery charges.

**Graffiti-resistant paint** 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** provides programming and diagnostic functions.



**Four stabilizing/leveling jacks** aid in proper placement and stability while allowing one officer to position the SAM on nearly any type of terrain.

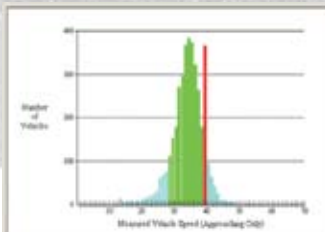
## Retractable/Removable tongue

### Options:

**Top-mounted solar panel** recharges a day's worth of battery use with only 2.5 hours of sunlight allowing for "infinite" field operation.



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



## 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)
RADAR - STALKER TRAFFIC SPEED SENSOR	
Detection Distance	Up to 1/2 mile
Beam Width	12° Circular

## Accessories:

Wireless Controller  
Spare Tire

Wheel Lock



Wheel Jack



Coupler Lock



Alarm

# STALKER® Radar | Lidar

The World Leader in Speed Measurement

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