

STALKER SAM (Speed Awareness Monitor)

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

Present a pro-active stance to citizen complaints about localized traffic issues with minimal officer commitment.



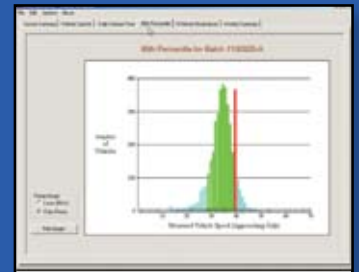
Stalker's SAM trailers are powered by Precision Solar Controls and feature Stalker speed measurement accuracy in a rugged, dependable trailer platform that is easily towed by department vehicles and takes only one person to set up in the field.

Plus, the Stalker SAM's two 18-inch amber LED characters are legible at up to 1,000 feet. Greater visibility range yields a larger zone of awareness and compliance, which leads to positive citizen perception and satisfaction. Speed compliance has even been shown to continue after the trailer has been moved to its next location.

Stalker Speed Awareness Monitor

- 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.

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



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

- Fixed speed limit sign with changeable speed digits is self contained, allowing adaptability at the deployment site.

- Graffiti -resistant paint keeps the trailer looking clean and neat for a professional department image while its rust-resistant steel construction provides a sturdy platform and reduces damage sustained in the field.

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

- 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.

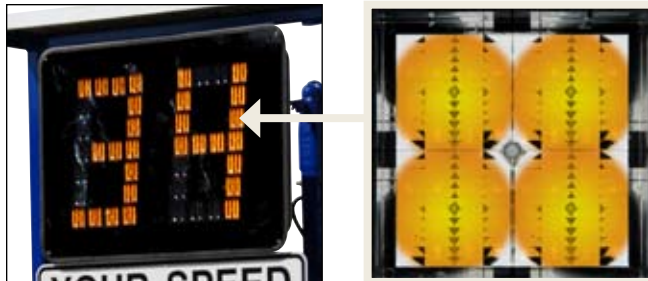
STALKER

SAM (Speed Awareness Monitor)

Powered by Precision Solar Controls

In 1992, Precision Solar Controls (PSC) pioneered the solar powered LED sign industry. Today, Precision Solar Controls' LED work zone signs set the standard for visibility, durability, and economy.

At the heart of the Stalker SAM is PSC'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.



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.

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 batteries' discharge cycle.

The Stalker SAM's modular construction enables technicians to troubleshoot sign problems remotely. Most issues can be addressed by a non-technical operator using common tools. The sign stays in service longer and transportation costs are saved because the sign remains in place.

- 2-Year trailer/sign warranty.
- 2-Year radar warranty.
- 1-Year battery warranty.

STALKER

Radar & Lidar

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STALKER SPEED AWARENESS MONITOR #5206 SPECIFICATIONS

TRAILER

Width - 64" (1.63m)
Length - 116" (2.95m) tongue in travel position
Length - 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

DOT compliant.

STALKER SAM OPTIONS

- 015-5345-00 - Solar Power Module (shown on main image)
- 015-5132-00 - Wireless Controller
- 015-5576-00 - Spare Tire

