



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

■ 45 cm Amber LED characters - legible at up to 300 metres

■ 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



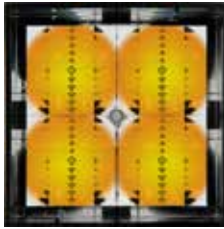
◀ Programmable LED Violator Alert (Optional)

STALKER®

Power to Enforce.

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.

STALKER SAM

Specifications:

TRAILER

Width	1.63m
Length	2.95m tongue in travel position 1.5m tongue in display position
Height	2.31m
Weight	317.5kg
Main Frame	5cm x 10cm x 3mm Steel Tubing

DISPLAY CABINET

Material Thickness	4mm ABS Plastic
Width	0.91m
Height	0.65m
Depth	0.13m
Lexan Window Thickness	3mm
Cabinet Temperature Delta	±20°

ENERGY SOURCE

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

Detection Distance	365 m
Beam Width	30° x 32°

Accessories:



Coupler Lock

Wheel Lock

Wheel Jack

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Ballinger Technology

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