

The **SILENT ADVISOR**

SOLAR POWERED RADAR SPEED MONITOR

SPECIFICATIONS

MESSAGE PANEL

Panel Size	36 in. wide x 29 in. high (92 cm wide x 74 cm high)
Panel Construction	All aluminum, modular construction
Matrix Size	9 x 12 Pixels
Pixel Size	2.60 x 2.60 inches (6.6 x 6.6 cm)
Number of Digits	Up to Three (3) - (1st digit as "1")
Character Height	18 inches (45.8 cm)
Graphics Capability	Full Matrix
Display Technology	LED (Amber, 592 nm)
Display Life Expectancy	10 years typical
Lifting Mechanism	1,000 lb. capacity winch & cable
Sign Panel Height (Operating)	7ft (214cm) to bottom of Speed Limit sign 3.5ft (107 cm) to bottom of LED Display

SPEED LIMIT SIGN

Panel Size	30 in. wide x 36 in. high (77 cm wide x 92 cm high)
Panel Construction	All aluminum, Type III Coated
Numerals - Interchangeable	First Digit - 1, 2, 3, 4, 5, 6 or 7 Second Digit - 0 or 5

PHYSICAL

Length Overall	112 inches (284 cm)
Width Overall	75 inches (190 cm)
Width Across Fenders	75 inches (190 cm)
Height Traveling	92 inches (234 cm)
Height Operating	142 inches (360 cm)
Ground Clearance	13 inches (33 cm) min.
Weight	1,160 lbs (526 kg) - approx. (max)
Coupler (Class III)	2-inch (5.1 cm) ball or 2 1/2-inch (6.4 cm) pintle ring
Axle/Suspension	Torq-Flex - independent

MEGA-TECH CONTROL CONSOLE

Console Circuitry	Ultra-low power solid state
Console Touchscreen	Waterproof, backlit, full color GUI, intuitive icon-driven, multi-lingual
Programming Software	Proprietary, field upgradable
Display Options	Over-Speed, Excessive-Speed, and Extreme Speed (user selectable)
Time/Date Control	Real time clock/calendar (365-day)
Display Update Time	Instantaneous
Non-volatile Memory	Separate backup battery
Password Protection	User-selectable, multi-level
Operator Interface	Easy-to-use icons (no instruction manual required)
Connectivity	Network (wired or wireless)

RADAR DETECTOR

Operating Frequency	24.150 GHz (K-Band)
Antenna Beamwidth	12 degrees circular
Capture Angle	16.5 degrees
Target Speed Range	5 to 199 MPH (8 to 199 KPH)
Speed Accuracy	1 MPH typical
Detection Distance	1,000 to 1,500 feet

ENERGY SOURCE

Operating Voltage	12 Volts DC	
Battery Type	6-Volt Heavy duty, deep cycle	
Number of Batteries	Two (2) w / Aux. Battery Pack	Four (4)
Battery Bank Capacity	300 Amp Hours w / Aux. Battery Pack	600 Amp Hours
Battery Status Indicator	Displays full charge, normal and low battery condition	
Solar Array Construction	Top-mounted solar panels in aluminum frame	
Solar Array Power Output	50 Watts (peak) standard	
Solar Charge Controller	Automatic, temperature compensated	
Auxiliary Automatic Battery Charger	115 VAC line powered, 30 Amp	

Specifications subject to periodic updates as required without notice.

AVAILABLE OPTIONS

WIRELESS REMOTE CONTROL

Cellular Modem & Antenna

SOLAR ARRAY UPGRADE

Upgrade to 75 Watts

BATTERY BANK UPGRADES

Upgrade to four (4) batteries (600 AH) and/or Gel-Cell

AUXILIARY AUTOMATIC BATTERY CHARGER UPGRADE

Upgrade to 115 VAC line powered, 45 Amp

OTHER SolarTech PRODUCTS

SILENT SENTINEL

Trailer and Truck Mount Arrow Boards

SILENT MESSENGER

Full-Size Portable Dynamic Message Boards

SILENT MESSENGER II

Mid-Size Trailer and Vehicle Mount Message Boards

SILENT MESSENGER III

Small-Size Trailer and Vehicle Mount Message Boards



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RST-2000

EXCLUSIVE FEATURES

Truly Solar Powered - Continuous, uninterrupted operation

Brightest, Most Visible 3 Digit LED Display - Legible under all conditions

Mega-Tech Full Color Touch Screen Control Console - Simple easy to use graphical user interface (GUI)

Display Panel Failsafe System - Automatically detects and corrects display panel errors and faults

Standard Regulation Speed Limit Sign with Changeable Digits - Easy set-up for any speed limit

CE Marked - Insures complete electromagnetic compliance for superb reliability

Cellular Remote Ready - Interface and software required for remote control is included

Custom Sign Case & Door Frame Extrusions - Sturdy, secure and weathertight

Modular Construction - Easy maintenance and repair

Torsion-type Axle - Smooth, stable ride

Polyamide Epoxy Primer - Excellent rust and corrosion protection

Acrylic Urethane Finish - Excellent appearance and durability

ISO 9001:2000 Certified Design and Manufacturing - The ultimate in quality assurance

Best Warranty -
One year overall
Two years on electrical and electronic components
Three years on standard LED display modules
Five years on Mega-Flux LED display modules
Ten years on solar panels

AVAILABLE OPTIONS

Amber or Red LED Display (24 degree Standard or 60 degree Mega-Flux Wide Angle)

Wireless Remote Control - Includes antenna, cables, and cellular modem

Battery Pack Upgrades - Increases energy storage capacity and autonomy

Auxiliary Battery Charger Upgrade - 45 Amp



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