

SUNRAY™

THREE-LINE LARGE MESSAGE BOARDS

ITS | SMART WORK ZONE PRODUCT

Alert motorists with large three-line messaging using our highly visible message signs—unparalleled ease of maintenance and programming.

The Sunray™ SMC 1000 three-line solar message center is designed for ease of use, performance, and long-term reliability, featuring a user-friendly computer with reduced key programming and full NTCIP compliance. High-intensity LED pixel technology delivers uniform light output, improved message clarity, and excellent distance legibility. An industrial-grade, powder-coated steel trailer with an 11-gauge frame and 3,500-pound suspension ensures durable, dependable service, while modular electronic components allow quick replacement, improved diagnostics, and reduced downtime and maintenance costs.

CONNECTED SMART WORK ZONES

Powerful and flexible ITS highway safety management solution

Our ITS Smart Work Zone solutions are designed to enhance transportation efficiency, improve safety, and increase mobility around work zones. At the core is our HS Connect® software—a robust, communications-driven platform that remotely links and monitors all connected field devices.

Together with our advanced technologies, HS Connect® delivers a complete Smart Work Zone package that empowers contractors and transportation agencies to protect roadside workers and the traveling public—efficiently and intelligently.



To learn more, visit [HS-Connect.com](https://www.HS-Connect.com)



CONNECTED

FEATURES

- Large sign panel 78" H x 134" L
- On-board dedicated NTCIP compliant controller
- 5 LEDs per pixel provide uniform light output
- Energy-smart LED technology: low power draw, minimal battery maintenance, and long service life
- Automatic brightness control: optimizes LED intensity for day/night visibility
- Calendar programming capability
- ITS Smart Work Zone-ready: connectivity capable for modern work-zone deployments
- Remote programming option available

NATIONAL
signal

Toll Free: 888.994.0300
www.NationalSignalinc.com

TRAILER SPECIFICATIONS

Height (travel position)	103 in. (261 cm)
Height (display position)	159 in. (404 cm)
Width (outside fenders)	78 in. (198 cm)
Width (outside display sign)	134 in. (340 cm)
Length (with tongue)	168 in. (426 cm)
Length (without tongue)	130 in. (330 cm) removable
Weight	1,920 lbs (871 kg)
Tire size	14 in. (35.56 cm)
Lift mechanism	Leak resistant electro-hydraulic
Main Frame	2"x 4" high-grade steel
Operating temperature range:	-20 to +120° F (-29 to +49° C)

CONTROLLER SPECIFICATIONS

Control Console Display	Capacitive Touchscreen
Pre-programmed Messages	250
User-programmed Messages	100
Update Speed	100 Milliseconds

Removable solid state design

SMC1000 SIGN SPECIFICATIONS

Sign height	78 in. (198 cm)
Sign width	134 in. (340 cm)
Character Height	18 in. (46 cm)
Lamp	LED (5 per pixel)
Legibility	1,000 ft (304 m)
Characters	3 rows, 8 characters per row

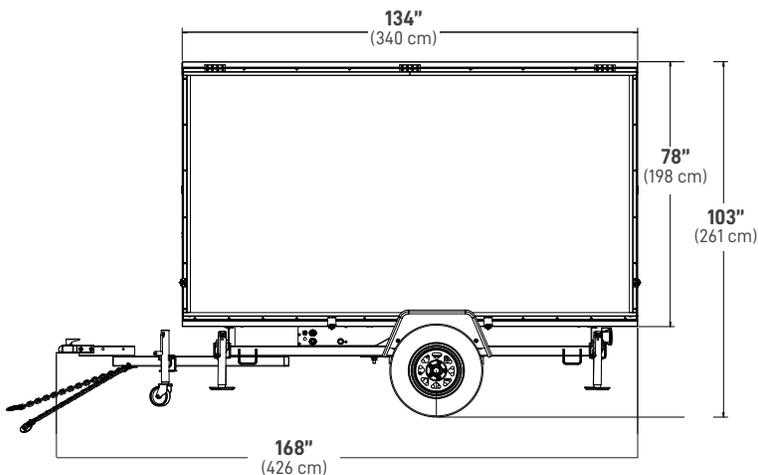
POWER SOURCE SPECIFICATIONS

Battery bank	(3) 12V 4D AGM Batteries
Solar panel array	One 200-watt panel

National Signal LLC., reserves the right to make changes to its products at any time without prior notice or obligation.

DIMENSIONS

Travel Position



Deployed Position

