



SVR2500

Heavy-Duty Asset & Equipment Tracker

The SVR2500 can be mounted anywhere on your vehicle or asset thanks to its sealed, rugged construction. Whether you operate light-duty vehicles, heavy equipment, trailers, generators, or other high-value assets, the SVR2500 delivers reliable tracking, wide-voltage support, integrated LTE connectivity, and optional vehicle bus integration for demanding environments.

KEY FEATURES

- Environmentally sealed (IP67)
- Rechargeable battery can power unit up to one year
- 3-axis accelerometer for motion detection and driver behavior monitoring
- Integrated LTE CAT M or LTE CAT 1 cellular connectivity
- Optional Bluetooth, vehicle bus, and 1-Wire interfaces
- Input power range: 6–90 VDC

APPLICATIONS

- Heavy-duty construction equipment tracking
- Commercial and industrial vehicles
- Semi-trailer tracking
- Single-purpose trailers
- Outdoor generators
- High-value assets



CELLULAR & GPS

LTE CAT M1	Bands 2, 4, 12, 13
LTE CAT 1	Bands 1,2,4,5,12,13,19,21,25,26 + 3G fallback
GPS	56 Channel GPS (SBAS)
Location Accuracy	±2.5m CEP

PHYSICAL

Dimensions	83 x 122.6 x 39 mm
Weight	272g
Certifications	FCC, IC, CE, eMark, PTCRB, GCF, SAR, RoHS

ENVIRONMENTAL

Operating Temp	-30°C to 80°C main power; -20°C to 60°C battery
Storage Temp	-40°C to 85°C
Humidity	Up to 90% non-condensing
IP Rating	IP67
Drop Testing	1 meter, 6 sides
Vehicle Vibration	SAE-J1455

BATTERY & POWER

Battery	5200 mAh rechargeable Li-Ion
Input Power	6–90 VDC
Tracking Mode	<70mA average @12V
Idle Mode	<14mA average @12V
Sleep Mode	<250µA average @12V

INPUTS & OUTPUTS

Digital Inputs	3 inputs
Digital Outputs	2 outputs (200mA)
Analog Inputs	1 external ADC input (0–60VDC)
Vehicle Interface	ISO-15765 CAN, J1939 CAN, CANopen option
Bluetooth	v4.2 / 5.0 BLE (optional)
Optional Features	Bluetooth, RS485, ModBus