



THE SVR950EV

The **SVR950EV** is the perfect solution to less-than-perfect environments. Its rugged design can survive where other tracking solutions will soon break down.

The **SVR950EV** lets you know where your assets are, no matter the climate or conditions, so you can focus on growing your business.

KEY FEATURES

Multiple-carrier coverage throughout the U.S. and Canada

Reports location every 2 minutes when vehicle is in motion

Multiple geo fence settings

Waterproof IP67 enclosure

Multiple automatic locates (every 4 hours)

Backup battery

MARKET APPLICATIONS

High-value assets

Enterprise trailers

Outdoor equipment

Motorcycles, boats, golf carts, and other recreational applications





SPECIFICATIONS

CELLULAR TECHNOLOGY

LTE CAT M1	Bands 1, 2, 3, 4, 5, 8, 12, 13, 18, 19, 20, 25, 26, 28, 39
EGPRS	850/900/1800/1900
SERVER PROTOCOLS	FTP/HTTP/UDP/SMS/TCP
MESSAGE LOG	2000 messages

CASE

DIMENSIONS	142mm x 91mm x 25mm
WEIGHT	198g

ENVIRONMENT

STORAGE TEMP	-40°C to 85°C
OPERATING TEMP	-30°C to 80°C while connected to main power -20°C to 60°C on backup battery
RELATIVE HUMIDITY	Up to 90% non-condensing
IP RATING	IP67
DROP TESTING	1 meter, 6 sides
VIBRATION	J1455

POWER

INPUT POWER RANGE	7-32 VDC (12/24V vehicles)
TRACKING MODE	<70mA average @ 12V
SLEEP MODE	<15mA average @ 12V
LOW POWER SLEEP MODE	<2mA average @12V

REGULATORY APPROVALS/CERTIFICATION

FCC, IC, PTCRB, CE, GCF, ROHS, ANATEL, IFETEL, CCC, KC, NCC, JATE/TELEG, RCM, NBTC, IMDA

GNSS TECHNOLOGY

SYSTEMS SUPPORTED	GPS, GLONASS, BeiDou, Galileo, QZ55
LOCATION TECHNOLOGY	56-channel GPS (with SBAS), standalone & assisted
TRACKING SENSITIVITY	-162 dBm
LOCATION ACCURACY (OPEN SKY)	+/- 2.5m (CEP)
COLD/HOT START ACQUISITION	29 seconds/1 second

ACCELEROMETER

16-G MEMS 3-axis accelerometer

USER INTERFACE

STATUS LEDS	2 - cellular (amber), GPS (green)
AUDIBLE	Buzzer

I/O & CONNECTORS

DIGITAL INPUTS	1 standard fixed bias low 1 GPIO on 8-pin I/O connector
DIGITAL OUTPUTS	1 standard open collector (200mA)
SERIAL INTERFACE(S)	1 UART on 8-pin I/O connector
I/O CONNECTORS	4-pin power/ I/O connector 8-pin power/ I/O connector

BATTERY BACKUP

400 mAh rechargeable Li-ion backup battery

OPTIONAL ACCESSORIES

4-wire harness	OBD-II easy install harness
8-wire harness	UART - USB adaptor
Starter interrupt harness	UART - RS232 adaptor

Specifications are subject to change. Please see your SVR Tracking contact for more details.

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