



www.svrtracking.com



The SVR950

The **SVR950** is an economical monitoring product that can support a wide variety of applications, from fleet telematics to stolen-vehicle recovery. Equipped with the necessary array of inputs and outputs, the **SVR950** can be configured to suit your specific needs.

KEY FEATURES

- 4G LTE CAT M1 Wireless Connectivity
- Internal Cellular and GNSS Antennas
- 16G 3-Axis Accelerometer Enables Advanced Motion Sensing
- Built-in Audible Driver Alert Buzzer
- Configurable Power-Saving Device Sleep Modes
- I/O Supporta Vehicle Disablement
- OTA (Over-The-Air) Cloud-Based Device Management

MARKET APPLICATIONS

- Vehicle Finance
- Stolen Vehicles
- Used & New-Car tracking
- Local Fleet Telematics
- Dealership Lot Management

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	92mm x 50mm x 18mm 3.62in x 1.97in x 0.71in
WEIGHT	65g

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	IP42
DROP TESTING	1 meter, 6 sides
VIBRATION	J1455

POWER

INPUT POWER RANGE	6-36 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

16G 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	OBdII 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.