



THE SVR2050

The **SVR2050** lets you know where your vehicle is and how it's doing, so you can streamline your fleet logistics and maintenance.

The **SVR2050** helps you monitor speeding, and its simple plug-and-play design makes installation quick, hassle-free and low-cost.

KEY FEATURES

Plug-and-play, no wired installation required

Real-time odometer readings

Precise GPS location

Accurate speedometer data

MARKET APPLICATIONS

Small, business-fleet management and maintenance

Insurance telematics

Connected car

Dealership lot management

Dealership service retention





SPECIFICATIONS

CELLULAR TECHNOLOGY

LTE CAT M1	Bands 2, 4, 12, 13
LTE CAT 1 (3G FALLBACK)	Bands 2, 4, 5, 12, 13, 25, 26 Bands 2,5 (3G)
LTE CAT 1 (EUROPE, 2G FALLBACK)	Bands 3, 7, 20 Bands dual 900/1800MHz
3G HSPA MULTIBAND	Bands 1, 2, 4, 5, 8
GSM-GPRS	Bands 850/900/1800/1900

Throughput: up to 10 Mbps downlink/5Mbps uplink
Protocol: FTP/HTTP/HTTPS/SMTP/POP3/TCP/UDP/SMS

CASE

DIMENSIONS	64.6mm x 50.3mm x 27.3mm
WEIGHT	50g

ENVIRONMENT

STORAGE TEMP	-45°C to 90°C
OPERATING TEMP	-40°C to 85°C while connected to main power -30°C to 80°C on backup battery
RELATIVE HUMIDITY	Up to 90% non-condensing
IP RATING	IP62
DROP TEST	1 meter, 6 sides

OPTIONAL FEATURES

200mAh rechargeable Li-Ion battery, J1939/1708 interface harness, CAN single wire/CANopen options, OBDII Y connector

ACCELEROMETER

16-G MEMS 3-axis accelerometer

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

POWER

INPUT POWER RANGE	6-90VDC (12/24/48/72V vehicles)
TRACKING MODE	<65mA average @ 12V
IDLE SLEEP MODE	<6mA average @ 12V
NORMAL SLEEP MODE	<2mA average @ 12V

REGULATORY APPROVALS/CERTIFICATION

FCC, IC, CE, eMark, PTCRB, GCF
Applicable carriers

GPS TECHNOLOGY

LOCATION TECHNOLOGY	56-channel GPS (with SBAS)
TRACKING SENSITIVITY	-162 dBm
LOCATION ACCURACY (OPEN SKY)	+/-2.5m (CEP)
COLD START ACQUISITION	29 seconds
HOT START ACQUISITION	1 second

BLUETOOTH/WiFi/NFC

BLUETOOTH	v4.2/5.0 BLE with internal antenna included (optional)
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VEHICLE INTERFACE

ISO-15765 standard CAN, J1850 PWM, J1850 VPW, K Line ISO-9141-2, ISO-14230/KWP2000, single-wire CAN & CANopen options

USER INTERFACE

STATUS LEDs	3-cellular (amber), GPS (green), Bluetooth (blue)
ALERT(S)	Audible buzzer, internal (optional)

I/O & CONNECTORS

SERIAL INTERFACE(S)	1 UART, OBDII
I/O/ CONNECTORS	SAE J1962



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