



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** gives you insight into driver behavior, including speeding, harsh acceleration and harsh braking, and its simple, plug-and-play design means minimal installation hassle and costs.

KEY FEATURES

Read engine codes via the vehicle's OBDII port

Plug-and-play, no wired installation required

Impact detection

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) |
|-----------|--|

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 |

