



SST-50 available in 2G.LTE-M1 and 3G . SST-50 is especially designed to match the environmental, mechanical and electrical requirements of the vehicle tracking market.

Features

- 3000 programmable Geo-fences, 2000 way points
- Intelligent and flexible configuration settings
- Multi power saving mode and wake-up conditions
- Over-the air-access (OTA)
- Local and remote firmware and configuration update

Technical Specifications

Hardware	Casing	Automotive grated, UV resistant, non-flammable fibre glass-reinforced IP68 certified
	Dimensions and weight	70 x 52.5 x 20.6 mm and 118gm
	Wire Harness	1m
Power	Main Source	Roadworthy 10.8 VDC ~ 42.0 VDC ISO-7637-2:2011
	Alternate Source	Li-ion 3.15 Wh backup battery
	Average Power consumption	3G Normal operation: 1.2 W
Tracking	GNSS	72 channel GNSS engine , GLONASS
	A-GPS	Online / Offline / autonomous
	Accuracy	Position 2.5m
	Sensitivity	Cold Start: -148 dbm
	Acquisition	Cold Start: 28s Tracking: -164 dbm
	Limits	Velocity: 500 m/s Altitude: 50,000 m Update rate: 1 Hz
	Protocols	NMEA
Interfaces	SIM Interface	2FF SIM 1.8 V / 3.0 V*2 or Factory-fitted MFF SIM*2
	Cellular and GNSS antenna	Internal
	Internet	TCP / UDP / HTTP / SMTP

	RS 232	V.24 levels on 2 wires
	Analogue input	Maximum 32 V DC
	Digital I/O	Ignition sensing and open Collector
	1-wire interface	3.3 VDC for temperature, humidity sensor or driver ID
	Multi power saving mode	Present
	Accelerometer	Internal 3-axis
	LED's	Configurable

Advantages

- Indestructible power section.
- Dual SIM
- Powerful scripting language.
- IP68 Waterproof & Dust proof.