



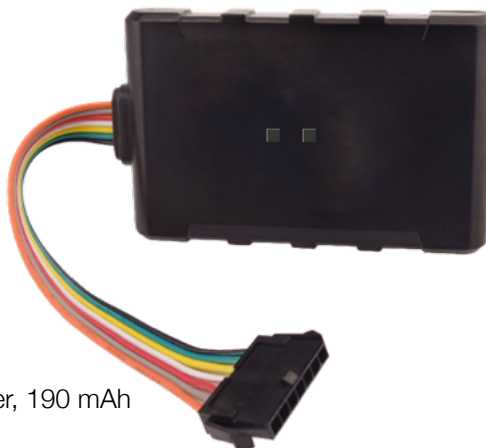
SatMOS®.car

 | 50g

 | 87 × 55 × 12.5 mm

 | -30°C ~ +80°C

 | Operating Voltage: 8V to 32V DC Li-Polymer, 190 mAh



Features

- Global LTE Cat M1/NB1 with 2G fallback using unique antenna solution
- Compact size and cost effective
- Ideal for a wide range of vehicle tracking applications, e.g. fleet management or rentals
- Easy installation using an in-line connector

The SatMOS®.car is a compact, ultra-thin GPS tracking device allowing covert and easy installation. It is designed for various use cases such as buy here pay here (BHPH), vehicle rental and leasing, basic fleet management and stolen vehicle recovery.

This product has passed rigorous tests and obtained certifications and approvals from Verizon, Sprint, AT&T, CE, Anatel and IC. The GV50MG purchasers can be confident in the product's network compatibility and quality and have many options when choosing their telecom operator or MVNO.



Stolen vehicle
recovery




Fleet
management



Car-
rentals

 Covered
Installation

 OTA
Control

 Report
Scheduled

 GEO
Fences

Appearance

CEL LED / GNSS LED

7 Pin Interface



Interfaces

Digital Input	1 positive trigger input for ignition detection
Digital Output	1 digital output, open drain, 150 mA max drive current
Configurable Input/Output	1 special I/O can be configured as a negative trigger digital input or an open drain output with 150 mA max drive current
Serial Port	1 TTL UART port for upgrading, debugging and communication with RFID readers
Cellular Antenna	Internal only
GNSS Antenna	Internal only
LED Indicators	CEL, GNSS

Positioning

Region	Network / Operating Band	GNSS Type	Position Accuracy (CEP)	Certificate
Worldwide	Cat M1/Cat NB1: LTE-FDD: B1/B2/B3/B4/B5/B8/B12/ B13/B18/B19/ B20/B25/B28 LTE-TDD: B39 (For Cat M1 Only) EGPRS: 850/900/1800/1900 MHz	u-blox All-in-One GNSS receiver	Autonomous: < 2.5m	FCC/Sprint/ Verizon/ AT&T CE/Anate

Accessories



Relay with Socket

Relay with socket for GV Series Cable length: 14.5cm
NO/NC 40A/30A (14V DC) With internal freewheeling diode

Upgrade Kit

This Kit includes the data cable and power supply. It is used for configuration, firmware upgrading and debugging
Parts list: Power_Supply_12V_US_DCJACK
GV50LTA USB to TTL configuration cable

