



GV50CG

LTE Cat 1/2G compact GNSS tracker for a wide range of vehicle tracking applications

71.5g

-30°C ~ +70°C

76(L) × 39(W) × 16(H)mm

Operating Voltage: 9V ~ 90V DC,
Backup Battery: Li-Polymer, 190mAh

LTE Cat 1 with 2G Fallback

9 ~ 90V DC

Compact Size

Covert Installation

Jamming Detection

Scheduled Report

Geo-fences

Motion Detection

Driving Behavior Monitoring

Crash Detection & Accident Reconstruction

Tow Alarm

OTA Control

The GV50CG is a cost-effective entry-level LTE Cat1 fallback 2G GNSS tracker. Its extremely compact design facilitates easy and covert installation. Its compact size and powerful features make it an ideal choice for a wide range of transportation monitoring applications such as automobile finance, stolen vehicle recovery, car leasing, and logistics.



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Region	Operating Band	GNSS Type	Position Accuracy (CEP)	Certificate
Latin America/ Brazil	LTE Cat 1 LTE-FDD:B1/B2/B3/B4/B5/B7/B8/ B20/B28 EGPRS: 850/900/1800/1900MHz	All-in-One GNSS receiver	Autonomous: < 2m	FCC /ANATEL

Interfaces

Digital Inputs	1 x positive trigger input for ignition detection
Configurable Input	1 x configurable input for analog input (0V ~ 16V) or negative input
Latched Digital Output	1 x digital output with internal latch circuit, open drain, 150 mA max drive current
Cellular Antenna	Internal only
GNSS Antenna	Internal only
LED Indicators	CEL, GNSS
Micro USB Interface	Used for configuration, upgrade and debugging

Configuration and Upgrade Cable



Micro USB CABLE 100CM Black RO

It is used for configuration and firmware update.