



GL50B

Battery-powered mini GNSS tracker with ultra long standby time

42g	41.8mm(L) × 46.8mm(W) × 16.9mm(H)
-20°C ~ +60°C	Lithium manganese dioxide battery, 2400 mAh

Standby Time (GNSS Location, BLE Off):

1 SMS Report/Day		1200 Days (> 3 Years)
1 TCP Report/Day		1000 Days (> 2.5 Years)
4 TCP Reports/Day		260 Days (> 1 Years)
5 Min Reporting		7 Days

- Mini Size
- Covert Install
- BLE 4.2
- GNSS Positioning
- Base Station Positioning
- Power Saving Mode
- Continuous Mode
- OTA Control
- Scheduled Timing Report
- Low Power Alarm
- Wakeup Report
- Tow Alarm
- Dual Mode Anti-theft Alarm

GL50B is a mini GPS tracker that is designed for a series of applications including stolen vehicle recovery and automobile finance, etc., allowing both GPS and base station positioning. The model features an ultra-long standby time powered by an internal battery. It supports a flexible switch between the wakeup mode for reporting and the hibernation mode for deep dormancy.



GL50B

Region	Operating Band	GPS Type	Position Accuracy (CEP)
Worldwide	GSM 900/1800 MHz	MTK GNSS receiver	Autonomous: < 2.5m

Appearance**Interfaces**

GSM Antenna	Internal only
GNSS Antenna	Internal only
Bluetooth Antenna	Internal only
LED Indicator	Power on

Air Interface Protocol

Command Set	@Track protocol command
Transmit Protocol	TCP, UDP, SMS
Working Modes	Continuous mode
	Power saving mode
Scheduled Timing Report	Position and status reports at preset intervals
Low Power Alarm	Alarm when backup battery is low
Wakeup Report	Wake up at preset intervals
Dual Mode Anti-theft Alarm	Alarm when protected device is removed