



- Micro Size
- Covert Installation
- Sigfox Network
- GNSS Positioning
- BLE 5.0
- Resistant to Existing Jamming Techniques
- Scheduled Timing Report
- Power Saving Mode
- Continuous Mode
- Battery Level Report
- Motion Detection
- Geo-fence
- Dual Mode Anti-theft Alarm
- Wakeup Report
- OTA Control
- IP67 Waterproof Case (Optional)

# GL52S

## Sigfox micro standby asset tracker with built-in BLE

| 43g (1.52oz)

| 46.8 × 41.8 × 16.9mm  
1.84"(L) × 1.65"(W) × 0.67"(H)

| -20°C ~ +60°C

| Lithium manganese dioxide battery,  
1900 mAh

### Standby Time (BLE off, Motion Sensor off):

1 Report/ Day 1607 Days (>4 Years)

1 Report/ 6 Hours 438 Days

The GL52S is a Sigfox integrated product, targeting stolen vehicle recovery, inventory control, stationary asset monitoring and other tracking management applications that require both a small size and a battery life of over four years. According to Sigfox operators, the product is resistant to existing jamming techniques and network costs are substantially lower in low data usage applications.



## GL52S

Region	Operating Band	GPS Type	Position Accuracy (CEP)
RC1: Europe, Overseas France, Middle East and Africa RC2: Brazil, Canada, Mexico, Puerto Rico, USA RC4: Latin America, Asia Pacific RC7: Russia	RC1@ Tx:868.13MHz Rx:869.525MHz RC2@ Tx:902.2MHz Rx:905.2MHz RC4@ Tx:920.8MHz Rx:922.3MHz RC7@ Tx:868.8MHz Rx:869.1MHz	u-blox GNSS receiver	Autonomous: < 2.5m

## Appearance



## Interfaces

Sigfox Antenna	Internal only
GNSS Antenna	Internal only
BLE Antenna	Internal only
LED Indicator	Power on

## Air Interface Protocol

Command Set	@Track Air Interface Lite Protocol
Transmit Protocol	Sigfox Protocol
Working Modes	Continuous mode, for emergency real-time tracking
	Power saving mode, for long standby time
Scheduled Timing Report	Position and status reports at preset intervals
Motion Detection	Motion alarm based on internal 3-axis accelerometer
Wakeup Report	Wake up at preset intervals
Dual Mode Anti-theft Alarm	Alarm when protected device is removed