



GL103G Use Cases & Installation Guide



Product Introduction

GL103

LTE Waterproof Standalone
Asset Tracker



GL103 LTE Standalone Tracker seamlessly integrates with the cellular network, standalone GNSS chipset, and light sensor for precise location tracking and enhanced tampering sensitivity. Optional features, such as the Barometer and Temperature sensor, enable real-time monitoring and protection of goods.

Its substantial battery capacity ensures operational longevity for over 5 years, contributing to a significant reduction in business owner's operational expenses (OPEX)



Cold Chain Logistics



Rental & Leasing



Equipments
Management



Global Network Coverage



Enhanced Security



Multiple Sensors



Up To 5 Years Battery
life

- ✓ More SKU Support Global Network
- ✓ Mounting Options For Easy And Hidden Installation
- ✓ Multiple Sensors fusion
- ✓ Interchangeable and Large capacity battery
- ✓ 1 report per day-UP To 5 Years
- ✓ Built-in 3-Axis accelerometer
- ✓ IP 68-rated Enclosure



Use Case Overview

GL103 with multiple sensors and innovation design, can achieve fast and flexible installation and deployment in harsh environment, GL103 can be widely used in various application scenarios such as *Cold Chain Logistics*, *Vaccine Transportation* and *Auto Finance*, *Construction Equipment leasing*, *Container Rental* etc.

Cold Chain Logistics



Vaccine Transportation



Auto Finance



Container Rental



Construction Equipment leasing





Use Case 1 - Keep Your Car Away From Theft

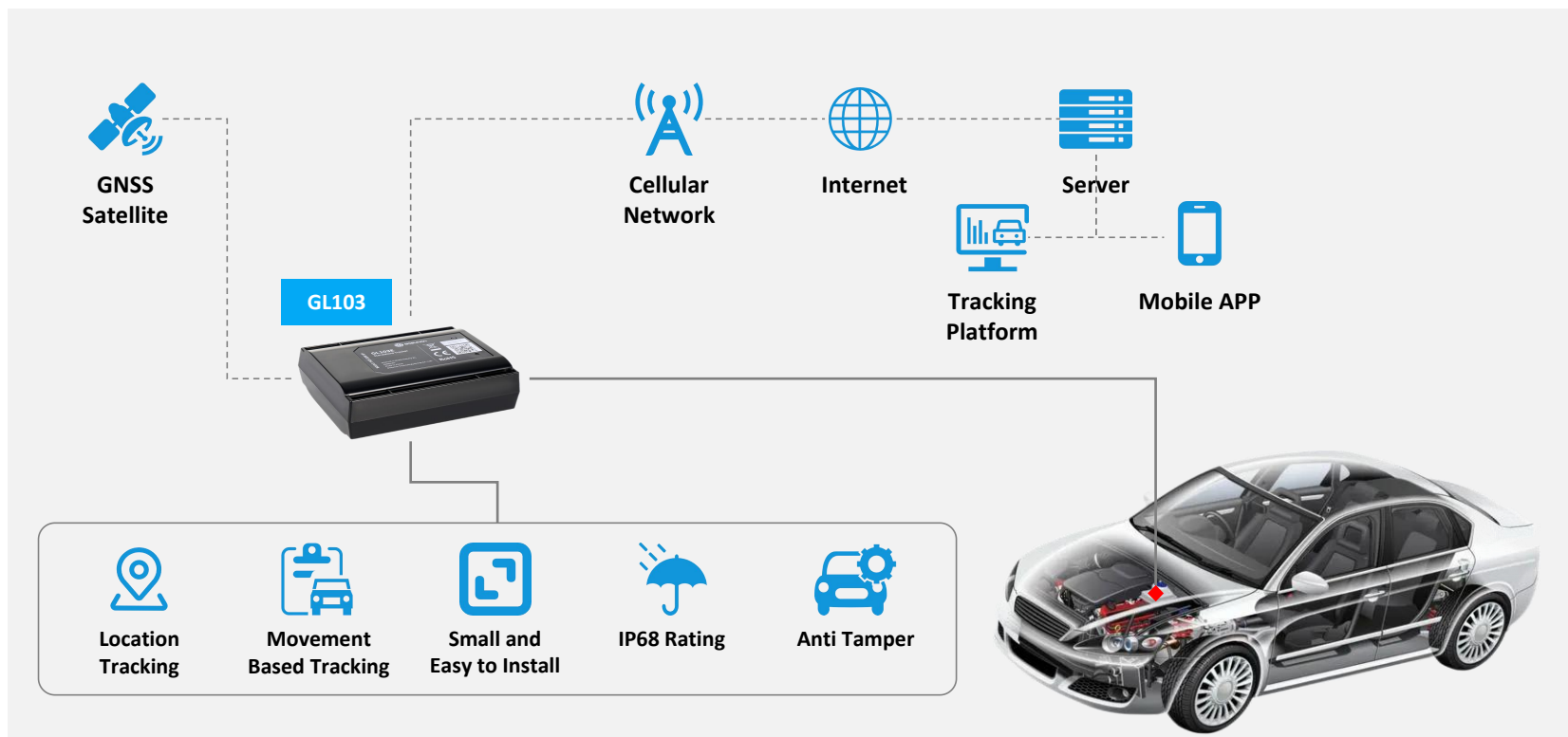
CHALLENGE:

Car theft is a real problem for fleet managers and business owners, especially those involved in leasing and car rental. According to NICB, more than 1 million cars were stolen in the US alone in 2022, reaching such a number for the first time since 2008.

Regular vehicle trackers help to solve this concern, but they are harder to hide because they need to be connected to a power source – vehicle battery. Experienced thieves expect to find a GPS tracker and will try to locate it destroy it.

SOLUTION:

To solve this social challenge , RichLink designed GL103, It's very easy to hide anywhere in the car, there is no need to connect any wires, and it provides accurate GNSS location tracking.





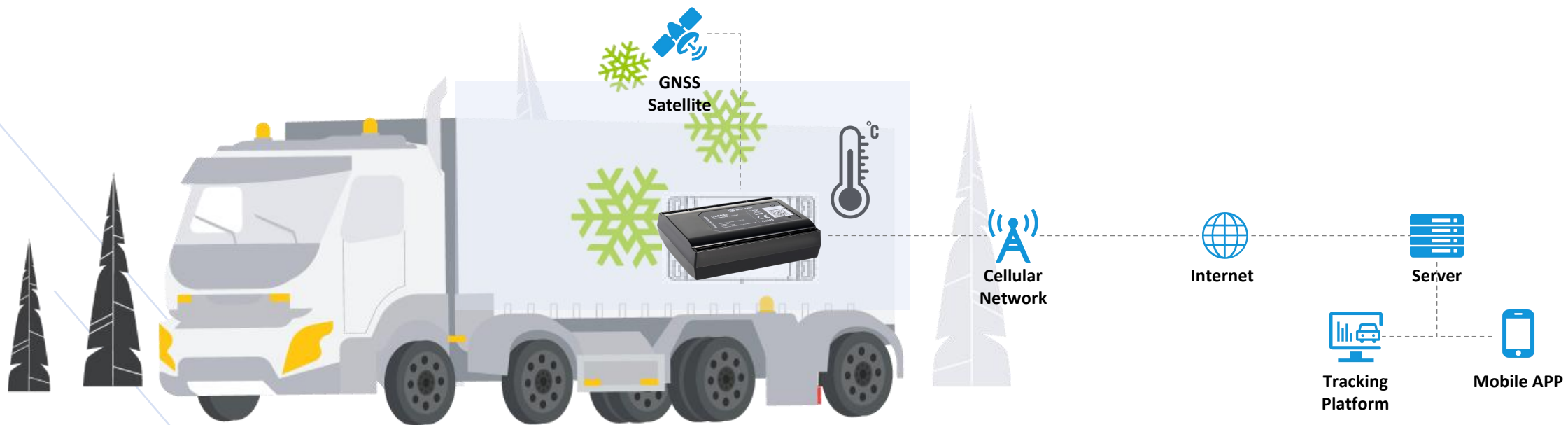
Use Case 2 - Keep your Perishable Goods Secure

CHALLENGE:

Perishable foods, vaccines and pharmaceuticals, chemicals and electronics are typically sensitive to exposure of temperature variations as well as shock, tilt, vibrations and light. These types of goods require a steady and controlled temperature environment throughout the entire supply chain. If there is no independent sensor to monitor the ambient system, when a malfunction occurs, the consequences are significant.

SOLUTION:

RichLink created GL103, a versatile solution. It integrates with temperature sensor, motion sensor, light sensors, and even barometer sensor, allowing for continuous monitoring of the entire environment surrounding your goods at all times.





Installation Guide

GL103 can be used in various scenarios, such as Cold Chain Logistics, Vaccine Transportation and Auto Finance, Construction Equipment leasing, Container Rental etc. Different scenarios have different optimal installation position and posture.

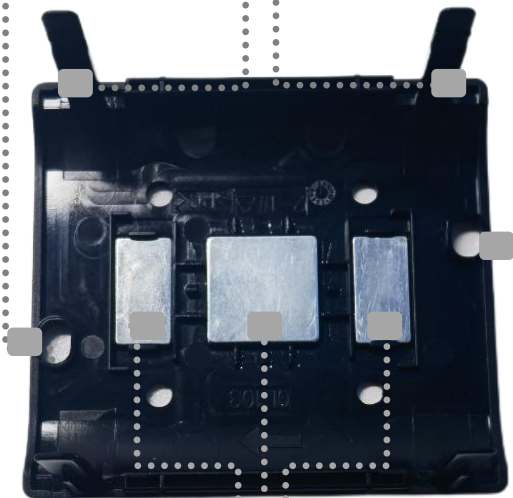
GL103 is designed with 3 installation methods:

Method	Description	Attachment
Stick	Attach it to the surface using bottom stickers	N/A
Adsorb	Attach it to the metal surface using magnets	Bracket
Fix	Fix it to some place with screws	Bracket



2 Brackets for Installation

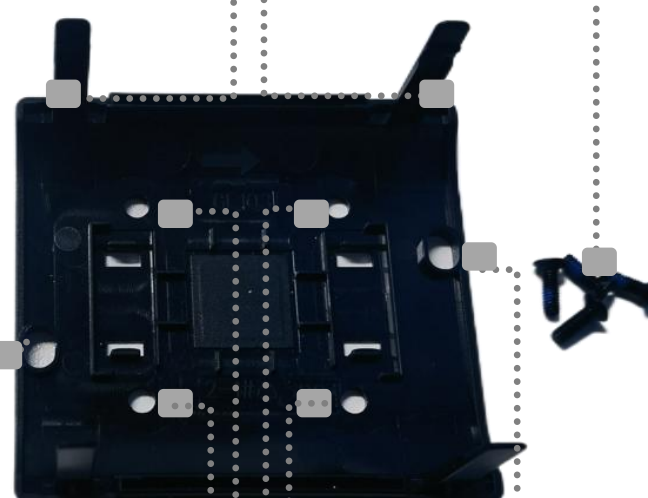
Anti-Tamper Sensor Hole Bracket holder Anti-Tamper Sensor Hole



Magnet Block

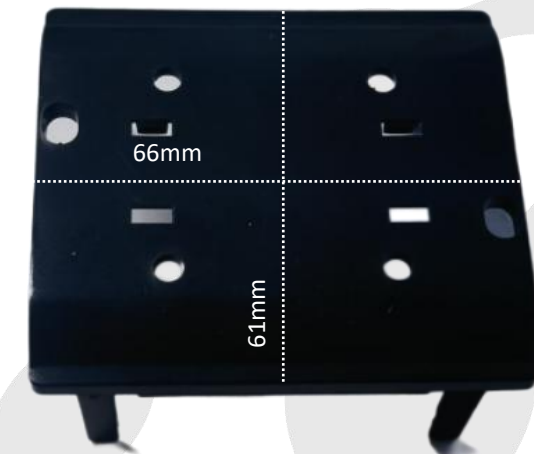
Magnetic Bracket Front Side View

Bracket holder Screw



Anti-Tamper Sensor Hole Screw Hole Anti-Tamper Sensor Hole

Screw Bracket Front Side View



Bracket Back Side View