

GPS Tracking Mart GL300W

GTM Queclink GL300W 3G GPS Tracker User Manual

Model: GL300W | Brand: GPS Tracking Mart

INTRODUCTION

This manual provides comprehensive instructions for the GTM Queclink GL300W 3G GPS Tracker. The GL300W is a robust, water-resistant GPS locator designed for a variety of tracking applications, including lone worker safety, vehicle monitoring, pet tracking, and asset management. It features a highly sensitive built-in GPS receiver and UMTS technology for real-time location monitoring. Its integrated 3-axis accelerometer enables motion detection and efficient power management. Please read this manual thoroughly before operating the device to ensure proper setup, usage, and maintenance.

PRODUCT OVERVIEW



Figure 1: The GTM Queclink GL300W GPS Tracker shown alongside a smartphone displaying a real-time GPS map, illustrating its primary function for location tracking.

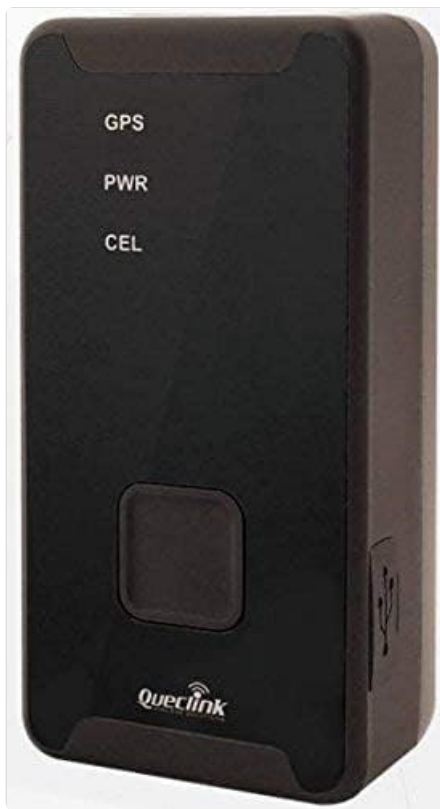


Figure 2: A detailed view of the GL300W device, highlighting its compact design and the front panel with GPS, PWR, and CEL indicators, and the emergency button.

Key Features

- Multi-purpose tracking for vehicles, pets, assets, and lone workers.
- Water-resistant (IPX5 compliant) design for durability.
- Highly sensitive built-in GPS receiver for fast and accurate positioning.
- UMTS/HSPA/GSM triple-band and quad-band support for worldwide connectivity.
- Integrated 3-axis accelerometer for motion detection and intelligent power management.
- Thumb-sized emergency button for rapid alerts and geo-fence setting.
- LED indicators for GPS, Power, and Cellular status.
- Mini USB interface for charging and configuration.
- Supports TCP, UDP, and SMS transmit protocols.
- CE and FCC certified.

WHAT'S INCLUDED

Verify that all items listed below are present in your package:

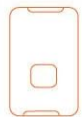


Technical Specifications:

Coverage: 3G
Weight: 93g (3.28oz)
Dimension: 77.9 × 39.9 × 26.7mm
3.07"(L) × 1.57"(W) × 1.05"(H)
Battery: Li-Polymer, 2600 mAh
Water Resistance: IPX5 Compliant
Charging Voltage: 5V DC
External Battery Voltage: 3.5V to 4.2V DC
Operating Temperature: -20C ~ +55C
Technology: LTE
Standby Time: Without reporting: 400-670 hours
5 minutes' reporting: 320 hours
10 minutes' reporting: 410 hours
Operating Band: UMTS: 850 / 1900 / 2100 MHz
GSM/GPRS: 850 / 900 / 1800 / 1900 MHz
GNSS Type: u-blox All-in-One GPS receiver



Whats Included:



GPS Tracker



Wall Plug



Charging Cable



Mini Screwdriver



Screws

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Figure 3: The complete set of items included with the GTM Queclink GL300W GPS Tracker.

- GTM Queclink GL300W GPS Tracker
- Wall Plug
- Charging Cable (Mini USB)
- Mini Screwdriver
- Screws
- Lithium Polymer Battery (pre-installed or included)

SETUP

1. Charging the Device

Before first use, fully charge the GL300W. Connect the provided charging cable to the Mini USB port on the device and the wall plug. The PWR LED indicator will show charging status.

- **Charging Voltage:** 5V DC
- **Internal Battery:** Li-Polymer 2600 mAh

2. Activating Tracking Service

To activate your tracking service, refer to the note/instruction insert that came with your GPS tracker. This typically involves registering the device with a service provider and configuring it for your specific tracking needs.

3. Initial Placement Considerations

For optimal GPS signal reception, place the device in an area with a clear view of the sky. Avoid placing it directly under large metal objects or in enclosed spaces that could obstruct the signal.

Recommended Places to hide the GPS Tracker



Inside the trunk



Inside the dashboard



On the undercarriage



In the front or rear bumper



Inside the brake lights



Inside a car seat cushion



In the sun visors



Behind the glove compartment



Above the pedals



Behind the back seats

Figure 4: Recommended locations for discreet placement of the GPS tracker within a vehicle, such as inside the trunk, dashboard, or undercarriage.

Recommended places to hide the GPS Tracker:

- Inside the trunk
- Inside the dashboard
- On the undercarriage
- In the front or rear bumper
- Inside the brake lights
- Inside a car seat cushion
- In the sun visors
- Behind the glove compartment
- Above the pedals
- Behind the back seats

OPERATING INSTRUCTIONS

LED Indicators

The GL300W features three LED indicators on its front panel:

- **GPS:** Indicates GPS signal status.
- **PWR:** Indicates power and charging status.

- **CEL:** Indicates cellular network connectivity.

Emergency Button

The thumb-sized button on the front of the device serves as an emergency alert trigger. Pressing this button can send an SOS alarm to pre-configured contacts or the tracking platform. It also allows for instant geo-fence setting based on the current location. The device provides vibration feedback to confirm successful button presses.

Tracking and Monitoring

The GL300W's location can be monitored in real-time or periodically tracked via a backend server and mobile devices. The @Track protocol supports various reports, including:

- Emergency alerts
- Geo-fence boundary crossings
- Low battery warnings
- Scheduled GPS position reports
- Power On/Off reports
- Motion detection alarms

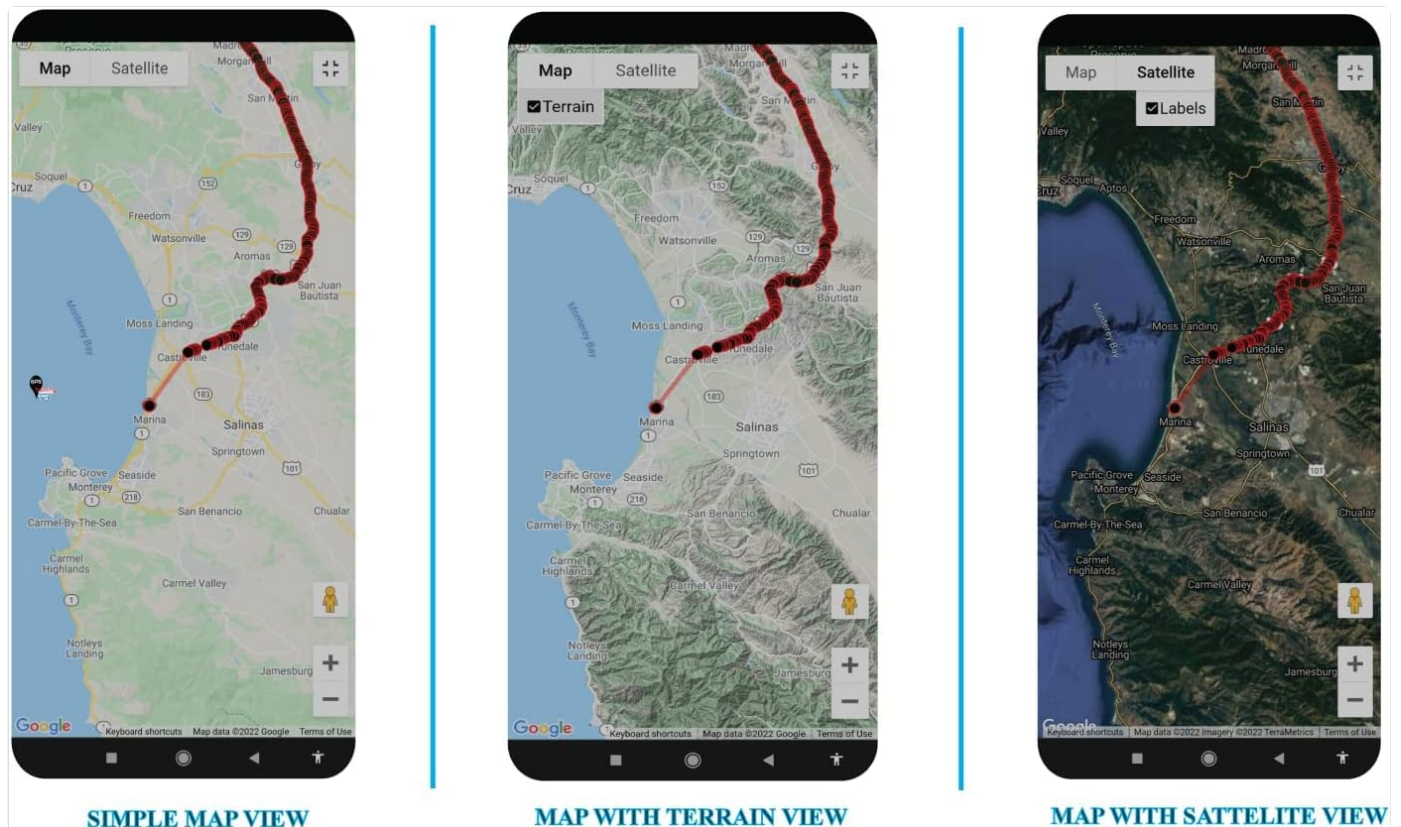


Figure 5: Examples of mobile application interfaces displaying different map views (Simple, Terrain, Satellite) for tracking the GL300W.

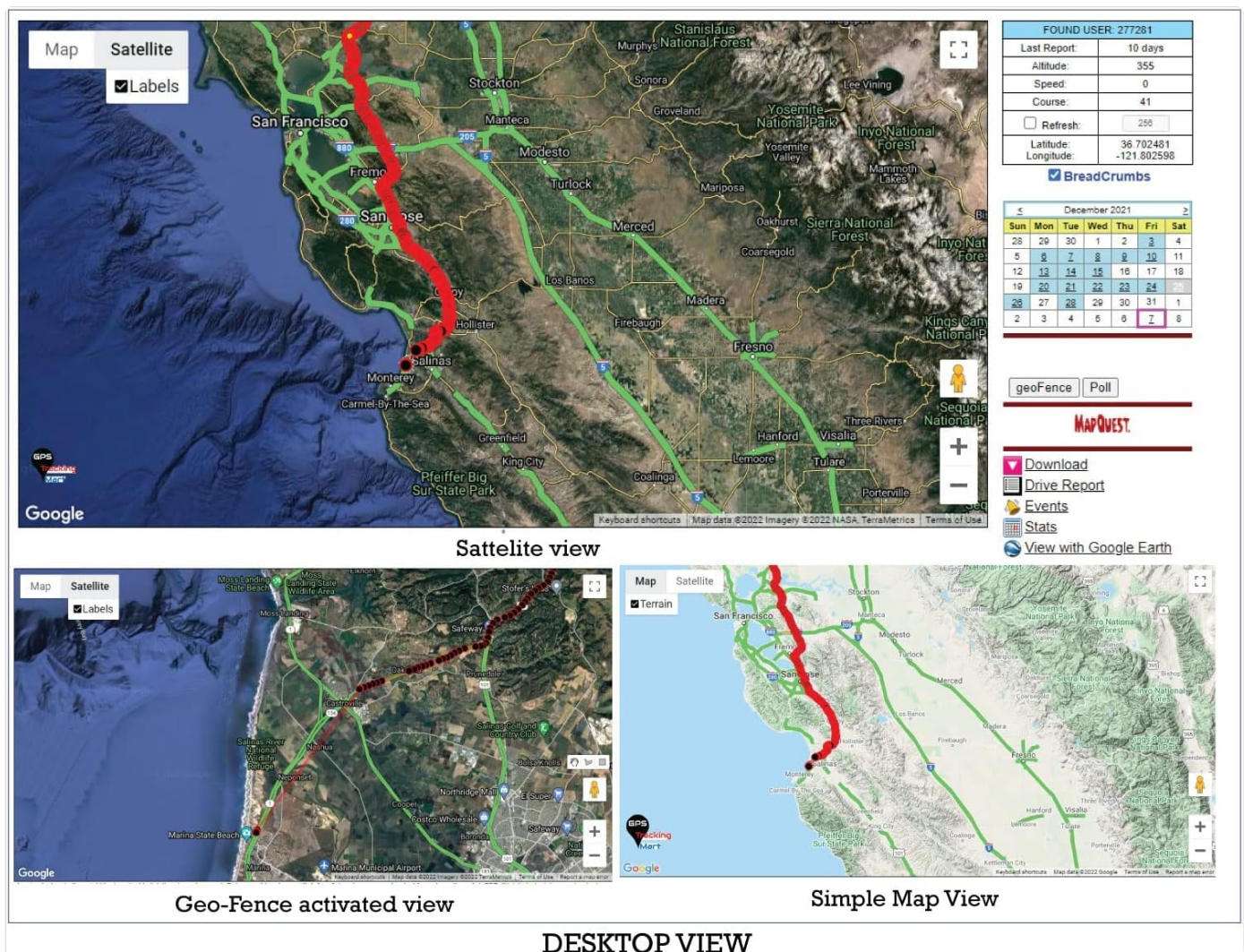


Figure 6: Examples of desktop application interfaces displaying various map views (Satellite, Geo-Fenced, Simple) for comprehensive tracking and monitoring.

MAINTENANCE

Cleaning

Wipe the device with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners. While the device is water-resistant (IPX5), avoid submerging it in water or exposing it to high-pressure water jets.

Battery Care

The GL300W uses an internal Li-Polymer 2600 mAh battery. To maximize battery life:

- Avoid extreme temperatures.
- Charge the device regularly, but avoid overcharging for extended periods.
- If storing the device for a long time, charge it to about 50% before storage.

Firmware Updates

Periodically check with your service provider or the manufacturer's website for available firmware updates. Updates can improve performance, add new features, or fix bugs.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Device not powering on.	Low or depleted battery.	Connect the device to the charger and allow it to charge for at least 30 minutes before attempting to power on.
No GPS signal.	Obstructed view of the sky; device indoors or under heavy cover.	Move the device to an open outdoor area with a clear view of the sky. Ensure the GPS LED is active.
No cellular connectivity.	Out of network coverage; SIM card issue; service not activated.	Move to an area with better cellular reception. Verify SIM card installation and service activation with your provider. Ensure the CEL LED is active.
Inaccurate location data.	Weak GPS signal; environmental interference.	Ensure the device has a clear view of the sky. Avoid placing it near large metal objects or strong electromagnetic fields.
Emergency button not responding.	Device not powered on; software issue.	Ensure the device is powered on. If the issue persists, contact customer support.

SPECIFICATIONS



Realtime GPS Tracking Device

GPS Tracker

GL300W

Technical Specifications:

Coverage: 3G

Weight: 93g (3.28oz)

Dimension: 77.9 × 39.9 × 26.7mm
3.07”(L) × 1.57”(W) × 1.05”(H)

Battery: Li-Polymer, 2600 mAh

Water Resistance: IPX5 Compliant

Charging Voltage: 5V DC

External Battery Voltage: 3.5V to 4.2V DC

Operating Temperature: -20C ~ +55C

Technology: LTE

Standby Time: Without reporting: 400-670 hours
5 minutes’ reporting: 320 hours
10 minutes’ reporting: 410 hours

Operating Band: UMTS: 850 / 1900 / 2100 MHz
GSM/GPRS: 850 / 900 / 1800 / 1900 MHz

GNSS Type: u-blox All-in-One GPS receiver



Whats Included:



GPS Tracker



Wall Plug



Charging Cable



Mini Screwdriver



Screws

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Figure 7: Detailed technical specifications for the GL300W, including dimensions, weight, battery, and operating bands.

Feature	Detail
Model	GTM GL300W
Technology	UMTS/HSPA/GSM (850/1900/2100 MHz & 850/900/1800/1900 MHz)

Feature	Detail
Dimensions (L×W×H)	77.9mm × 39.9mm × 26.7mm (approx. 3.07 × 1.57 × 1.05 inches)
Weight	93g (approx. 3.28 ounces)
Internal Battery	Li-Polymer 2600 mAh
Standby Time	Without reporting: 400 hours; 5 minutes reporting: 140 hours
Water Resistance	IPX5 Compliant
Charging Voltage	5V DC
Operating Temperature	-20°C to +55°C (-4°F to +131°F)
GNSS Type	u-blox All-in-One GPS receiver
Geo-Fence Support	Up to 5 geo-fence regions
Certifications	CE, FCC

WARRANTY INFORMATION

Specific warranty details for the GTM Queclink GL300W GPS Tracker are typically provided with your purchase documentation or by your service provider. Please refer to the warranty card or contact the vendor from whom you purchased the device for precise terms and conditions. Generally, products are covered against manufacturing defects for a specified period from the date of purchase.







SUPPORT AND CONTACT

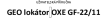
For technical support, service activation, or any inquiries regarding your GTM Queclink GL300W GPS Tracker, please contact your tracking service provider or the vendor from whom you purchased the device.

You may also visit the official website of GPS Tracking Mart for general information and resources related to their products.

Note: This manual is for informational purposes only. Specifications and features are subject to change without notice.

Related Documents - GL300W

<p>A9 User Manual</p> 	<p>A9 Mini Locator User Manual</p> <p>Comprehensive user manual for the A9 Mini Locator, covering setup, application methods, product functions, equipment parameters, troubleshooting, and SMS commands for effective device management.</p>
	<p>Protectly GPS Tracker User Manual and Setup Guide</p> <p>Get started with your Protectly GPS Tracker. This comprehensive manual covers installation, app setup, features like real-time tracking, geo-fencing, history playback, alarms, and technical specifications. Learn how to use the WhatsGPS app and ensure optimal performance.</p>
	<p>Futura Group TK 102 GPS Tracker with Microphone and APP</p> <p>Discover the Futura Group TK 102, a compact portable GPS/GSM/GPRS tracker featuring an integrated microphone and APP control. Ideal for tracking vehicles, children, or pets, it offers real-time location monitoring, movement alerts, SOS functionality, and more.</p>
<p>Welcome to use our watch, please read this manual carefully to install and operate the watch exactly. This user manual is for reference only. If some contents and operation steps are inconsistent with those for the actual product, the latter will prevail.</p> <p>Using the GPS tracker, we can position, monitor the vehicle including on the position server via GPRS, GPS and Internet. It can help customers to manage transparently, reduce cost, maintain security and raise efficiency. Now it is widely used in business traffic, logistics distribution, automobile lease, intelligent transportation, shipping market, army and police, rescuing, Safety Supervision, Intelligent city...</p>	<p>K9 GPS Tracker Watch User Manual - Features and Specifications</p> <p>Detailed user manual for the K9 GPS Tracker Watch, covering product features, basic specifications, and operational guidance for location tracking and monitoring.</p>
<p>A41 Personal GPS Tracker (User Manual)</p>  <p>Email: support@lncoon.com Website: www.lncoon.com Tracking Platform: www.lncoon.com</p>  	<p>A41 Personal GPS Tracker User Manual - Lncoon</p> <p>Comprehensive user manual for the Lncoon A41 Personal GPS Tracker, covering setup, app usage, tracking, SOS features, and troubleshooting.</p>



Comprehensive user manual for the OXE GF-22/11 GEO locator, detailing its features, technical specifications, setup, operation, and SMS commands for GPS tracking and monitoring.