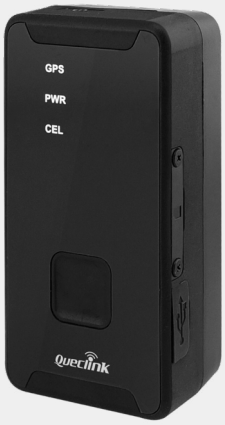
Queclink | Asset Mobility

Learn more here!

GL330MG

LTE Cat M1/NB1&NB2 GNSS tracker with a user-friendly panic button for personal safety management and asset monitoring applications



- **LTE Cat M1/NB1&NB2**
- **Rapid Installation**
- **User-friendly Charging Interface**
- **OTA Control**
- **Geo-fences**
- **Vibration Feedback**
- **Low Power Alarm**

- **Scheduled Timing Report**
- **Motion Detection**
- **Emergency Button**

GL330MG is an upgraded version of Quelink's classic GL3xx series, which is one of the most popular products in our range of asset trackers with worldwide deployment. It is with optimized power consumption and BLE/WiFi added, which can be used for a wide range of applications which require real-time location, such as private investigations, package delivery, temporary tracking of vehicles, long distance transportation, endurance racing and animal management.

Asset Monitoring



Lone Worker Safety



Stolen Vehicle Recovery



Queclink | SPECIFICATIONS

General Specifications

Dimensions	77.9 × 39.9 × 26.7mm 3.07"(L) × 1.57"(W) × 1.05"(H)
Weight	95g (3.35oz)
Backup Battery	Li-Polymer, 2600mAh
Standby Time	Always online: Without Reporting: 2000 Hours 1 Min Reporting: 200 hours 5 Min Reporting: 700 Hours 10 Min Reporting: 1000 Hours Online on-need: 1 Min Reporting: 250 hours 5 Min Reporting: 1000 Hours 10 Min Reporting: 1500 Hours (Note: the standby time are estimated values based on the device works in normal signal and temperature environment; for Always online, if EDRX is properly set, the battery life can be even longer)
Charging Voltage	5V DC
External Battery Voltage	3.7 - 4.2V DC
Operating Temperature	-20°C ~ +60°C
Buffer Messages	Up to 10000 buffer messages
BLE	Support BLE 5.2 protocol
Region	Global
Certification	FCC CE ICES

Interfaces

Function Button Vibration	Emergency alert
Cellular Antenna	Internal only
GNSS Antenna	Internal only
BLE & Wi-Fi Antenna	Internal only
LED Indicators	CELL, GPS, PWR
USB Type-C Interface	Used for external power and configuration

LTE Specifications

Operating Band	Cat M1: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B26/B28/B66 Cat NB1&NB2: B1/B2/B3/B4/B5/B8/B12/B13/B17/B18/B19/B20/B25/B28/B66
Data Transmission	eMTC (DL) 300 Kbps eMTC (UL) 375 Kbps NB2 (DL) 127 Kbps NB2 (UL) 169 Kbps NB1 (DL) 30 Kbps NB1 (UL) 60 Kbps

LTE Specifications

GNSS Type	All-in-one receiver
Constellation Support	GPS, Beidou, Galileo, GLONASS
Position Accuracy (CEP)	Autonomous:<1.0m
TTFF (Open Sky)	Cold start: 24s average Hot start: 1s average

Air Interface Protocol

Transmit Protocol	TCP, UDP, SMS
Scheduled Report	Report position and status based on preset time intervals, distance, mileage, or a combination of these settings
Geo-Fences	Support up to 10 geo-fence regions
Low Power Alarm	Alarm when backup battery is low
Power On/Off Report	Report when the device is powered on and off
SOS/Emergency Alarm	SOS alarm via pressing function button
Motion Detection	Motion alarm based on internal 3-axis accelerometer

Connectivity

Model	BLE
Type	2.4GHz
Remark	BLE 5.2
Model	Wi-Fi
Type	2.4GHz
Remark	Wi-Fi scanning for in-door positioning or triggering mode switch

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