

















-  LTE CAT1 fallback 2G
-  GPS Location
-  LBS Location
-  RF433 Transmission
-  Jamming Detection
-  Rechargeable Battery
-  Motion Detection
-  Low Power Consumption
-  Flight Mode
-  Scheduled Report
-  Alarm Report
-  Geo-fences
-  Temperature Monitoring
-  OTA Control



# GL33CG

## LTE CAT1/2G RF433 Box-Disguised Rechargeable Tracker



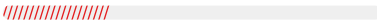
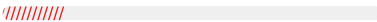
Weight | 91g (3.21oz)

Dimensions | 97 (L) × 45 (W) × 21 (H) mm

Temperature | -20°C ~ +60°C  
-30°C ~ +70°C for storage

Battery | Backup Battery: Li-Polymer, 3.7V, 4000 mAh  
Frequency Band 433~434MHz

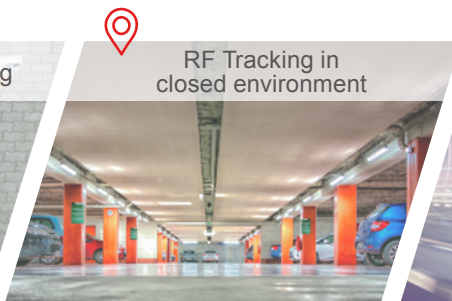
### Standby Time:

Deep Sleep Mode (1 report/day) (GPS On / LBS On / RF433 Off)		40 days
Sleep Mode (1 report/hour) (GPS On / LBS On / RF433 Off)		26 days
Tracking Mode (1 report/5 minutes) (GPS On / LBS On / RF433 Off)		13 days
Emergency Mode (1 report/minute) (GPS Off / LBS On / RF433 On)		7 days

The GL33CG is a LTE CAT1 fallback 2G tracking device covered with a box specially designed for cargo recovery. It is ideal for recovering expensive merchandise which is packed mainly with carton boxes and might be stolen in transport before they arrive at the destination. It transmits the GPS/LBS location information via LTE CAT1/GSM/GPRS to server and can be detected by a search device (detector device) operating (433/434MHz) through RF signal.



Cargo transport monitoring



RF Tracking in closed environment



Stolen Vehicle Recovery

**GL33CG**

Region	Operating Band	GNSS Type	Position Accuracy (CEP)	Certificate
Global	LTE CAT1: B1/B2/B3/B4/B5/B7/B8/B20/B28 MHz GSM: 850/900/1800/1900 MHz	All-in-one receiver	Autonomous: <2.0m	ANATEL ,FCC (Planned)

**Interfaces**

LED Indicators	Cellular network, GNSS, Power status, BAT behavior
Mini USB Interface	Used for configuration, upgrade, charge and debug

**Air Interface Protocol**

Transmit Protocol	TCP, UDP, SMS
Scheduled Report	Reports position and status based on preset time intervals, distance, mileage or a combination of these settings
Geo-fences	Geo-fence alarm and parking alarm, supports up to 20 internal geo-fence regions
Low Power Alarm	Alarms when backup battery is low
Power On Report	Reports when the device is powered on
Temperature Alarm	Report when the detected temperature is outside or inside a predefined range
Emergency Mode	Enter emergency mode when the device receives command via GPRS or SMS or when jamming is detected
Flight Mode	Turn off cellular function when airborne

**Configuration and Upgrade Cable****GL33 Micro USB CABLE**

Micro USB CABLE 100CM Black RO

**\*Note:**

- 1.The standby time is estimated under the condition of operating with LTE CAT1 and the CSQ is greater than 15, working at a constant ambient temperature of 25°C, where GNSS signal is strong enough and under open sky.
- 2.The battery life estimation is based on LTE CAT1 Connectivity and may be influenced by several factors such as network coverage, ambient temperature, sensors' setting, peripherals, installation location and orientation, etc. If you're interested in power consumption calculation of our device, please contact with our sales or FAE to get more information.

(\*Requires receiver device for RF 433 /434 (antenna or RF433/434MHz gun) and specialized response team for cargo tracking. Items and services not included.