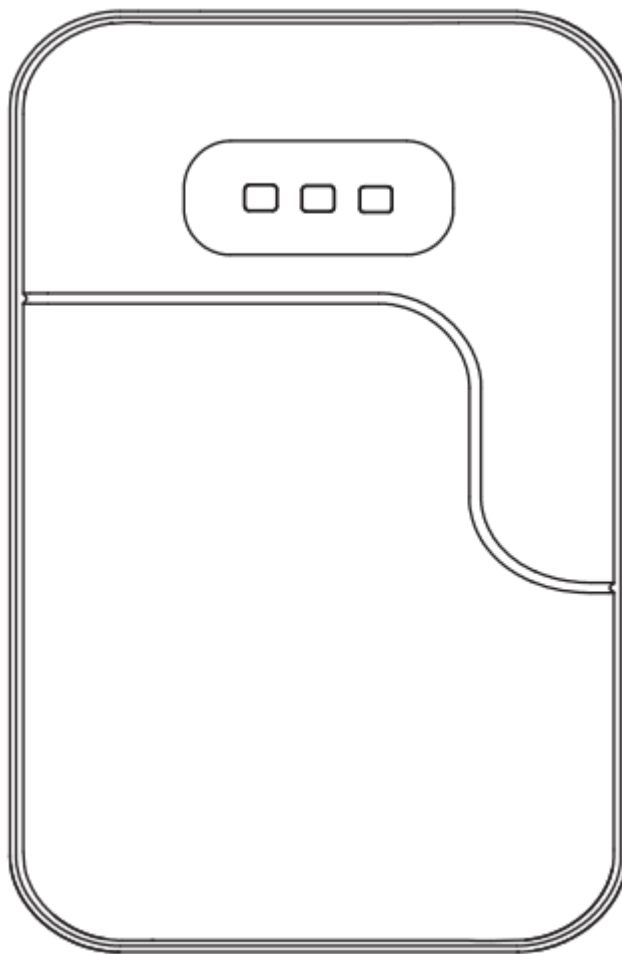


# 4G Asset GPS Tracker (G200L)



**V 1.0**

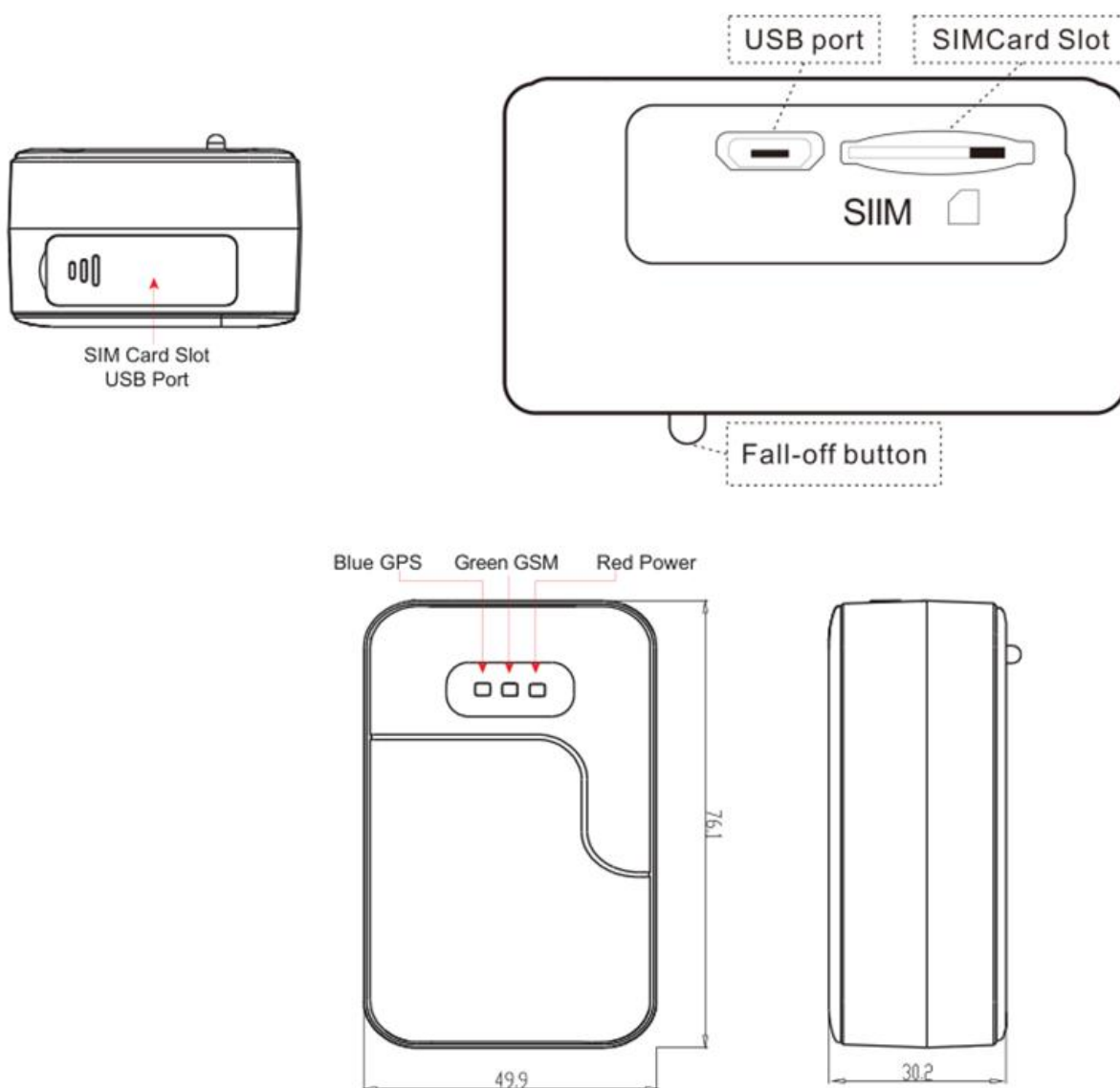
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## 1. Quick View

G200L is 0 installation magnet GPS tracker based on global 4G LTE frequency. With building GPS & microphone, device can be used for real time tracking or long time asset monitoring purpose. It also supports fall-off alarm in case device removed.



Indicator		Light Status
Power ON/OFF		Insert SIM card power on, remove SIM power off
Red light	Power	Flashing: when charging; Constant on: charge full
Green light	GPRS network	Flashing: failed to connect server; Constant on: connect server OK
Blue light	GPS signal	Flashing: failed to get GPS signal; Constant on: GPS located OK
Light will turn off after power on 3 minutes, make a call or send any SMS to wakeup light 10s shortly.		

## 2. Parameters

<b>Size</b>	76.1*49.9*30.2mm		
<b>Frequency (Version option)</b>	G200LN	EC-25 AFX (US/Canada/Mexico)	LTE-FDD: B2/B4/B5/B12/B13/B14/B66/B71 WCDMA: B2/B4/B5
	G200LE	EG912Y-EU (Europe/S.E Asia/Africa/Australia/ New Zealand)	LTE-FDD: B1/B3/B5/B7/B8/B20/B28 LTE-TDD: B38/B40/B41 GSM: B2/B3/B5/B8
	G200LC	EC200S-CN (China/India/Brazil)	LTE-FDD: B1/B3/B5/B8 LTE-TDD: B34/B38/B39/B40/B41 GSM: 900/1800Mhz
<b>GPS</b>	Module	Quectel Module	
	Positioning mode	GPS/BDS	
	Frequency	GPS L1 1575.42 Mhz BeiDou 1561.098Mhz	
	Accuracy	< 5 M	
	Speed Accuracy	<0.1M/S	
	sensitivity	-162dBm	
	Positioning time	Cold start ≤32S Warm start ≤3S	
<b>Power</b>	Input voltage	DC 5V/2A	
	Working Currency	120 mA	
	Standby Currency	10uA	
	Working temperature	-20°C~+65°C	
	Storage temperature	-40°C~+85°C	
	Battery	3.7V/4500mAH	

### 3. Command List

SMS Function	SMS Command format	SMS example
★ Please don't type "+" "space", password 123456. ★ Preset Center Number first if need receive SMS alarm. ★ Each SMS must reply "Set OK" represent command successfully.		
<b>Step 1 Set IP Port</b>	<b>adminip+password+space+IP Address+space+port number</b>	adminip123456 www.gps228.com 8989
<b>Step 2 Set APN</b>	<b>apn123456+space+LocalApn+space+Apn Name+space+ApnPassword</b>	apn123456 tim.br tim tim
Get Google link	<b>smslink123456</b>	
Set fall-off alarm	<b>remove123456+space+1</b>	remove123456 1
Cancel fall-off alarm	<b>remove123456+space+0</b>	remove123456 0
Set Time Interval	<b>ITV123456+space+time interval(s)</b>	If 60s , send SMS: ITV123456 60
Set center number	<b>centernum123456+space+phone number</b>	centernum123456 13712345678 no need put country code
Cancel center number	<b>centernum123456</b>	Center number use to receive alarm message
Set low battery alarm	<b>lowbat123456+space+1</b>	lowbat123456 1
Cancel low battery	<b>lowbat123456+space+0</b>	lowbat123456 0
Set SMS time zone	<b>timezone123456+space+(timezone*60)</b>	If+5.5:timezone123456 330
Check device status	<b>check123456</b>	check GPS GSM status
Check current mode	<b>*SPJLX*P:123456*RM:0#</b>	
Restart device	<b>reset123456</b>	
Set alarm mode	<b>KC123456+space+1</b>	APP alarm (default)
	<b>KC123456+space+2</b>	APP+SMS alarm
	<b>KC123456+space+3</b>	APP+SMS+PhoneCall alarm
Set vibrate alarm	<b>vibrate123456+space+1</b>	Must keep continuously static 3 minutes before vibration
Cancel vibrate alarm	<b>vibrate123456+space+0</b>	
Set factory mode	<b>begin123456</b>	It will erase all setting

Tips: Fall-off alarm: device sticking to the metal cover with magnet, fall-off alarm will be triggered once device was removed off.

## 4. How to use device?

**Step 1:** To power on the device, insert 4G GSM SIM card (Nano Size) with GPRS data activated. Make sure remove PIN code if SIM card need.

**Step 2:** Edit SMS Command send to device SIM number as below one by one

Set IP Port: [adminip123456\(space\)www.gps228.com\(space\)8989](http://adminip123456(space)www.gps228.com(space)8989)

Set APN: [apn123456\(space\)APN \(space\)ApnName\(space\)ApnPassword](http://apn123456(space)APN(space)ApnName(space)ApnPassword)

**Step 3:** Go outdoor and keep device vibrating for 5 minutes for get accurate positioning, especially when 1<sup>st</sup> time using.

**Step 4:** Login Platform/APP:

Web: [www.secumore1818.com](http://www.secumore1818.com)

Android & IOS APP: **secumore1**

Default to use IMEI number login, password 123456.

## 5. Set working mode

**A.) Mode 0:** Real time tracking mode

- Command: `*SPJLX*P:123456*RM:1,0#`
- **0**: means working mode 0.

**B.) Mode 1 (default) :** Power saving mode

Command: `*SPJLX*P:123456*RM:1,1,3,3,120,30,3,30#`

- **1**: means working mode 1.---- **User can modify yellow value as per actual needs.**
- When device moving, it will update new location at every 1 minute;
- If not moving, device will sleep to save power & wake up for 3 minutes(above yellow **3**) at every 120 minutes(above yellow **120**). Device will show disconnect from server when in this case.

**C.) Mode 2:** Set clock mode

- Command: `*SPJLX*P:123456*RM:1,2,3,1:00,2:00...#`
- **2**: means working mode 2. ----**User can modify yellow value as per actual needs.**
- Device will wake up for 3 minutes (above yellow **3**) at fixed time clock 1:00,2:00 etc...  
In Mode 2, Device will disconnect from server when sleep.

**Tips:** In all working modes, device standby time is directly affected by “working time”, if works longer, battery standby time will be shorter.