

# **IK207 GPS Tracker**

## **User Manual V1.0**



Congratulations on choosing the icar GPS IK207 Card GPS tracker. This manual shows how to easily program and setup the tracker for best results. Make sure to read this manual carefully before using this product, so as to avoid delays or confusion with it's operation. Please note that specifications and instructions are subject to change without notice to facilitate product improvement. Updates and changes will be integrated into the latest release. The manufacturer assumes no responsibility for any errors or omissions in outdated documents.

## **1. Overview**

IK207 is a GPS tracker designed for asset tracking.

## **2. Features**

- Real-time tracking
- GPS+WiFi Positioning
- History record check
- Geo-Fence alarm
- Low battery alarm
- Power saving mode
- PC & Mobile App tracking
- Mini Hidden
- IP65 Water resistant
- One way communication

## **3. Applications**

- Car tracking
- Bag tracking
- Kids tracking
- Asset tracking

## **4. Specifications**

<b>Item</b>	<b>Specifications</b>
Dimension	48*27*17 mm
Weight	27g
Charger	DC 5V/1A
Backup battery	3.7 V 800mAh
Power consumption	40mA standby current
Working temperature	-20°C to 65°C
<b>Item</b>	<b>Specifications</b>
Cellular Bands	<b>GSM:</b> 850/900/1800/1900Mhz
Positioning	GPS, AGPS, LBS
Tracking Sensitivity	-162 dBm

Sensor	Accelerometer
LED	RED/GREEN/BLUE
SIM Card interface	Nano SIM
Waterproof	IP65

## **5. IK207 interface**



## **6. In the box**

- 1\* IK207 GPS Tracker
- 1\*External magnet
- 1\* Quick Start Guide
- 1\* Charge Cable

## **7. Installation**

### **7.1 SIM Card installation**

- Get ready a **Nano Sim Card** that support **GSM&GPRS** with 30MB data per month
- Open the top housing
- Insert **Sim card** to sim card slot correctly
- Devices would turn on after you press the power button.
- After that the device will be ready.

### **7.2 LED Indications**

	Flash	Fix	Off
Blue Light	GSM/GPRS conversation start	No GPRS signal	Power off or in sleep mode
Green Light	GPS location successful	No GPRS signal	Power off or in sleep mode
Red Light		charging	Full battery or charged full

## **8. SMS Commands List**

Function	Command Format	Reply	for example
APN	SL APN <code>apn content</code>	<code>apn set ok</code>	SL APN <code>cmnet</code>
	SL APN <code>apn content,apn user</code>	<code>Apn set ok</code>	
	SL APN <code>apn content,apn user,apn user password</code>	<code>Apn set ok</code>	
admin number	SL CP186 <code>*****</code>		SL CP186 <code>*****</code>
Domain&IP Port	SL DP <code>a.icargps.net 7700</code>		SL DP <code>a.icargps.net 7700</code>
upload frequency(time)	SL SC <code>0,50</code>		<code>50=50 seconds</code>
upload frequency(distance)	SL SC <code>1,500</code>		<code>500=500 meters</code>
Position	SL LC	Google map Link	SL LC

Restart Device	SL RT	Device would restart immediately	SL RT
Check	SL CX	SN:47120100939 SE R:a.icargps.net 7700 APN:internet GSM:24 GPS:8 BAT:31	SL CX
Back to factory	SL FT	OK	SL FT

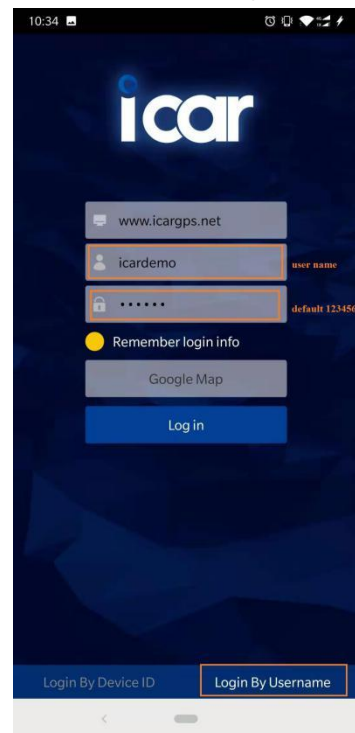
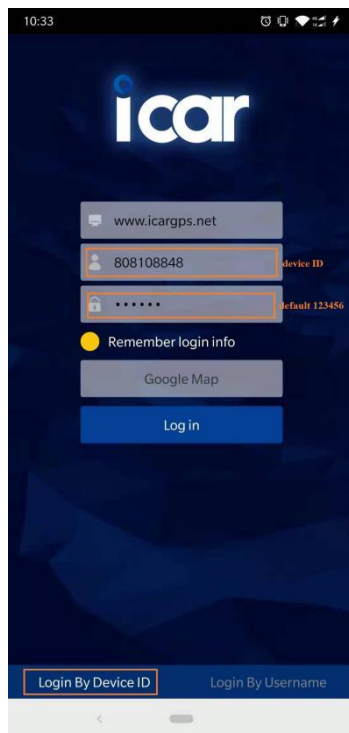
## 9. App & PC Tracking platform

### 9.1 App install & Login

- Search “**ICAR GPS**” in Google Play or iOS store(or scan the following QR code) to download the Mobile APP;



- Choose the” **Login by Device No.**,
- Input **your device's ID number** and password(default is 123456) to login.

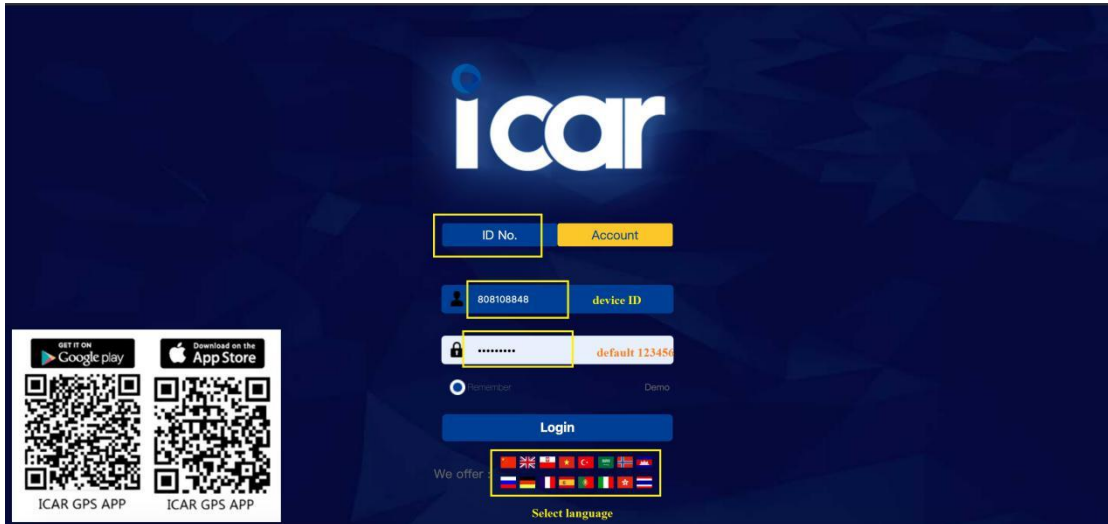


- Choose the” **Login by User name.**,

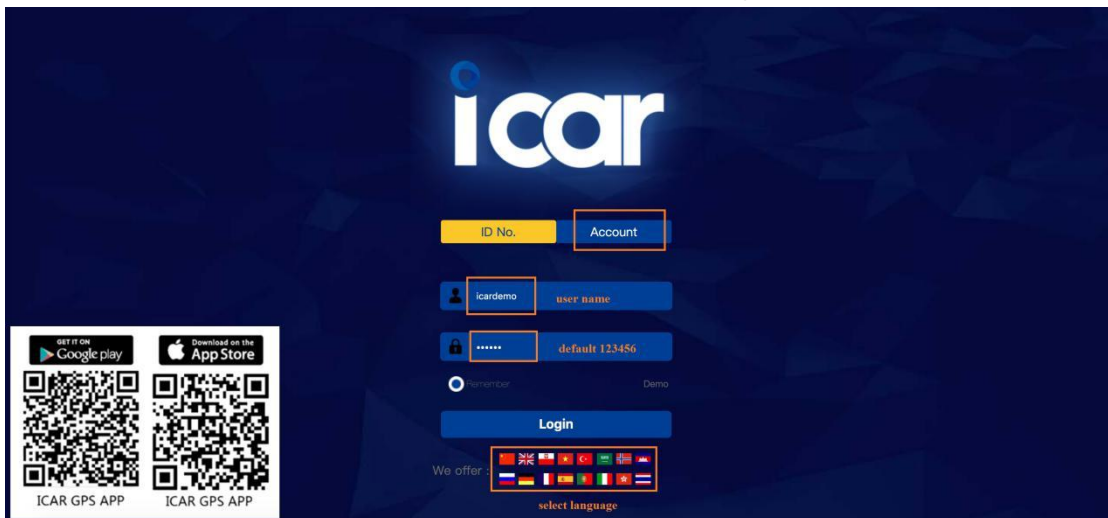
- Input **your user name** and password(default is 123456) to login

## 9.2 PC login

- Web: [www.icargps.net](http://www.icargps.net), Choose “**ID No.**”
- Input **your device's ID number** and password(default is 123456) to log in



- Web: [www.icargps.net](http://www.icargps.net), Choose “**Account**”
- Input **user name** and password(default is 123456) to log in



## 10. FAQ

- Q: **Start up Fail?**
- A: Check the device power on or not.
  
- Q: **The device can not obtain location information?**
- A: Place the unit at the open area to test.

- **Q: How to choose SIM card?**
- A: the SIM card must support GSM&GPRS, and ensure that the card has enough currency and credit.
  
- **Q: How to use in the foreign countries?**
- A: please set the APN before use, please edit the text “SL APN,apn content,apn user,apn user password “ and send it to the SIM card of the device, CMNET is Chinese operator’s APN, Replace the corresponding APN when use in other countries, APN details, please consult your local SIM card carrier.