

IK720 GPS Tracker

User Manual V1.0



Preface

Congratulations on choosing the icar GPS IK720 asset 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 The manufacturer assumes no responsibility for any errors or omissions in outdated documents.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

IK720 is a Vehicle GPS tracker looks like a Relay.

2. Features

- Real-timing 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
- ACC Detection

3. Applications

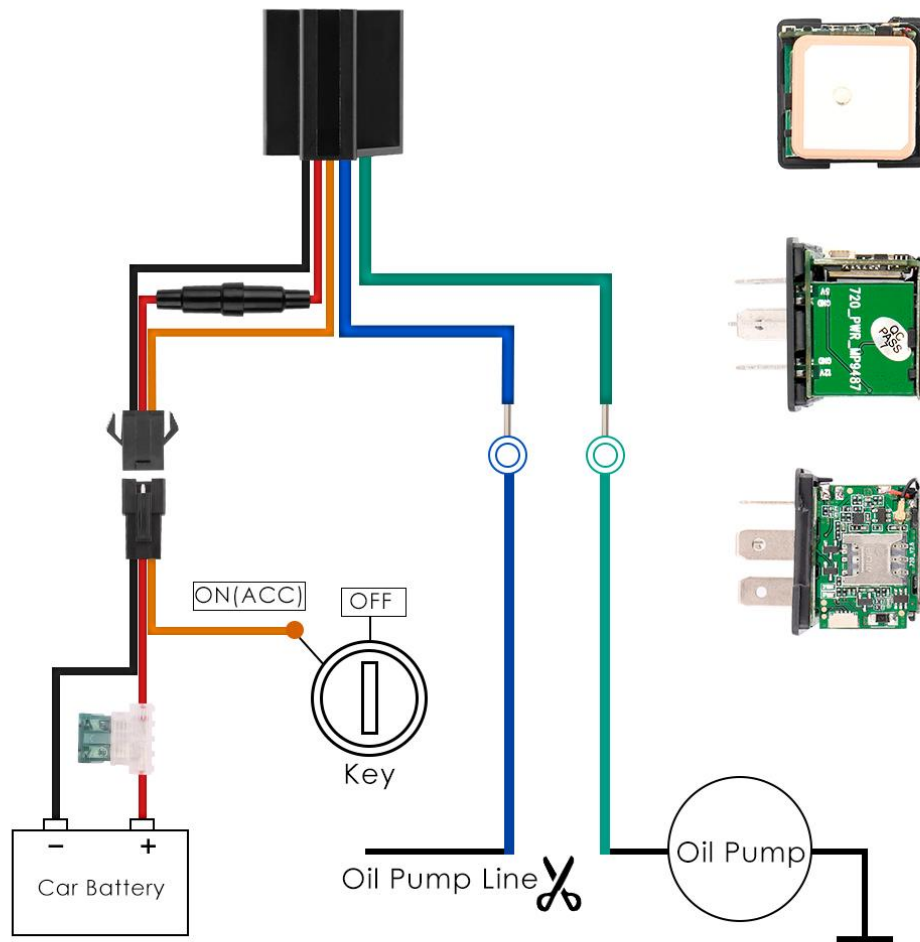
- Vehicle tracking
- Motorcycle tracking
- E-bike tracking

4. Specifications

Item	Specifications
Dimension	31*31*57 mm
Weight	29.3g
Voltage Value	10-40V
Backup battery	3.7 V 80mAh
Power consumption	40mA standby current
Working temperature	-20°C to 65°C
Item	Specifications
Cellular Bands	GSM: 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. IK720 interface



NOTE: Working voltage: 10-40V DC , please find professional repair man or 4S store to install the device!

6. In the box

- 1* IK720 GPS Tracker
- 1* Quick Start Guide

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 autoly (green led will blinking).
- After that the device will be ready.

7.2 LED Indications

	Flash	Fix	Off
Green Light	GSM/GPRS conversation start	No GPRS signal	Power off or in sleep mode
Blue 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	apn+123456+space+content	apn ok	apn123456 cmnet
	apnuser+123456+space+content	apnuser ok	
	apnpasswd+123456+space+content	apnpasswd ok	
admin number	admin123456+space+admin phone number	admin ok	admin123456 186*****
Domain	SZCS,123456,DOMAIN=a.icargps.net:7700	Domain ok	SZCS,123456,DOMAIN=a.icargps.net:7700
upload frequency	Upload123456 time(unit/s)	OK	Upload123456 10
Arm	SF	SF OK	SF
Disarm	CF	CF OK	CF
Position	where	Google map Link	where

Cut oil	555	Cut oil ok	555
Resume oil	666	Resume oil ok	666
Restart Device	RST	Device would restart immediately	RST
Check	Param1	details of device	Param1
Status	Status	Status of device	Status
Back to factory	Format	OK	Format

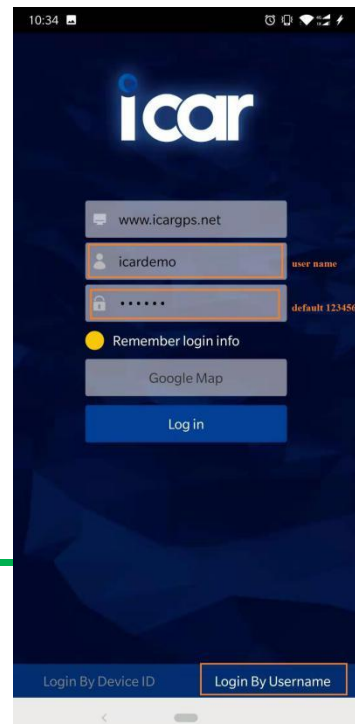
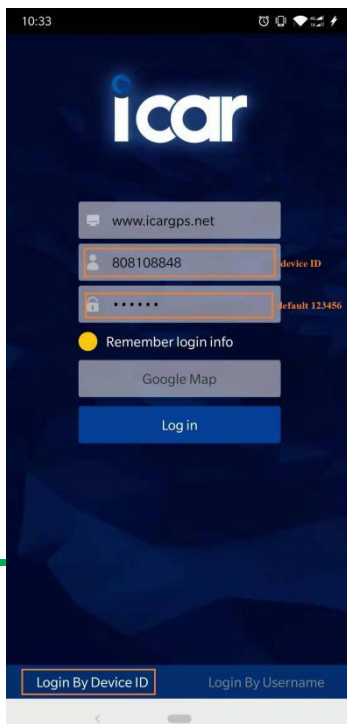
9. App & PC Tracking platform

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;



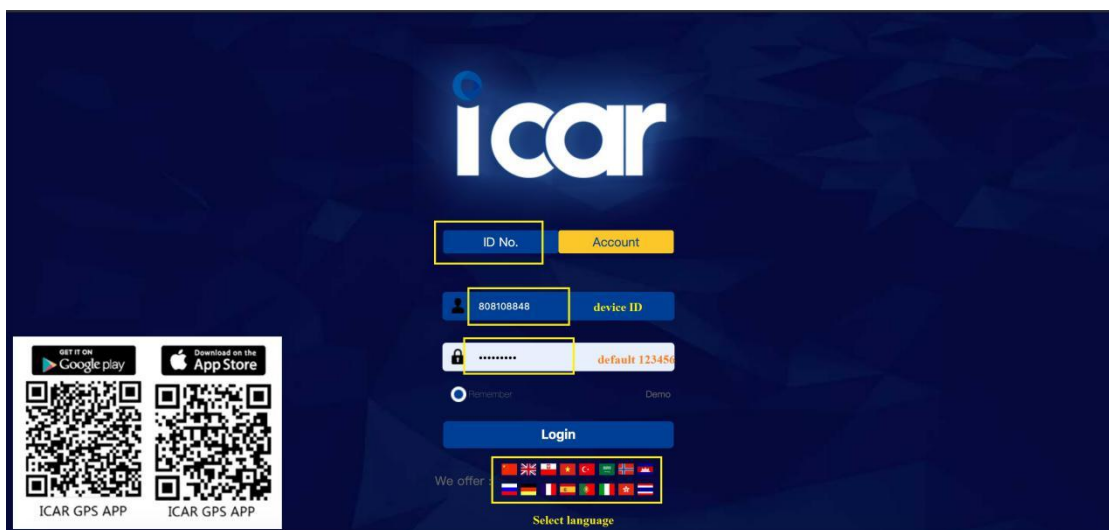
- Choose the” **Login by Device No.**,
- Input **your device’s ID number** and password(default is 123456) to login.



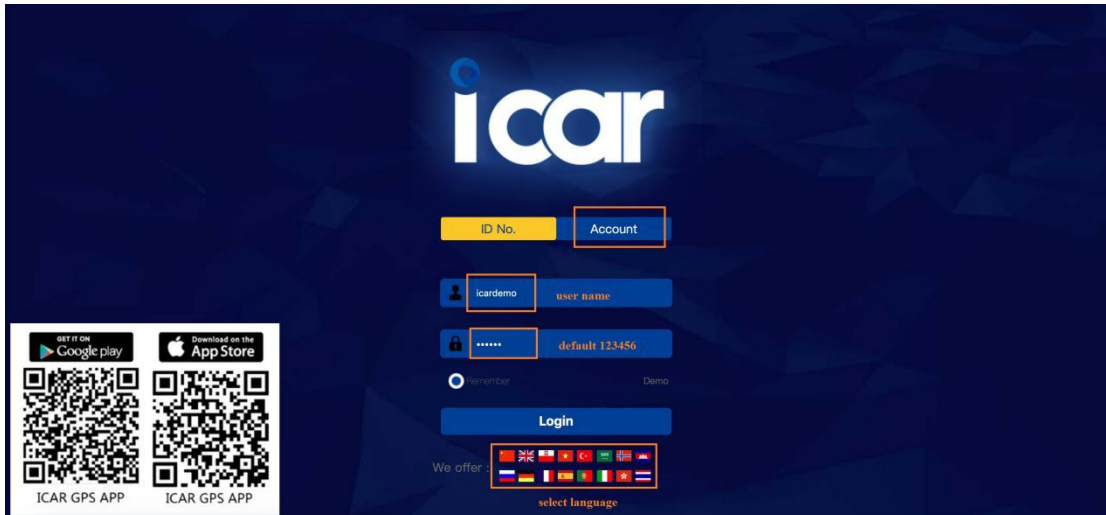
- Choose the” **Login by User name.**,
- Input **your user name** and password(default is 123456) to login.

9.2 PC login

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



- Web: 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 “APN123456 CMNET “ 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.