

# 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 The manufacturer assumes no responsibility for any errors or omissions in outdated documents.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-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
- ACC Detection

## 3. Applications

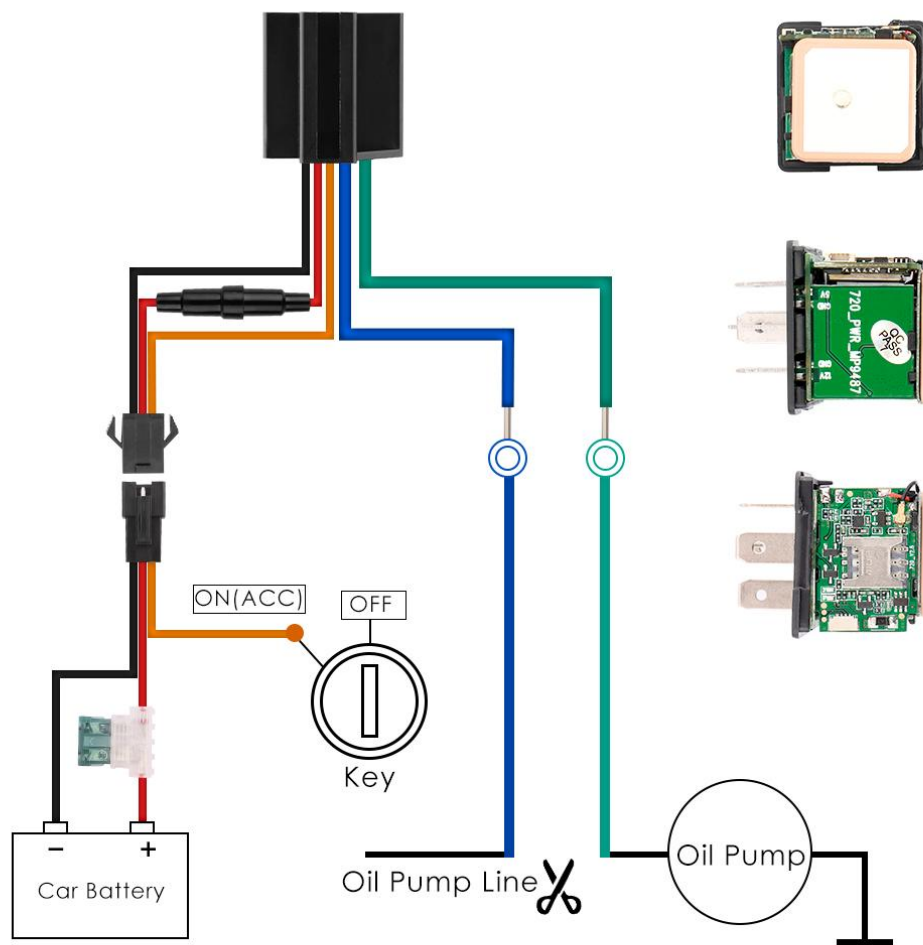
- Vehicle tracking
- Motorcycle tracking
- E-bike tracking

## 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       | <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. 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 |

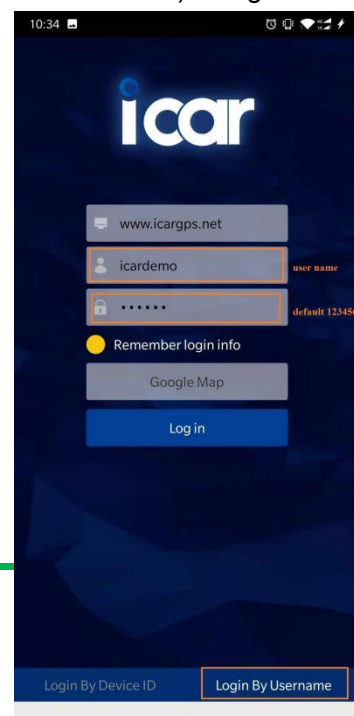
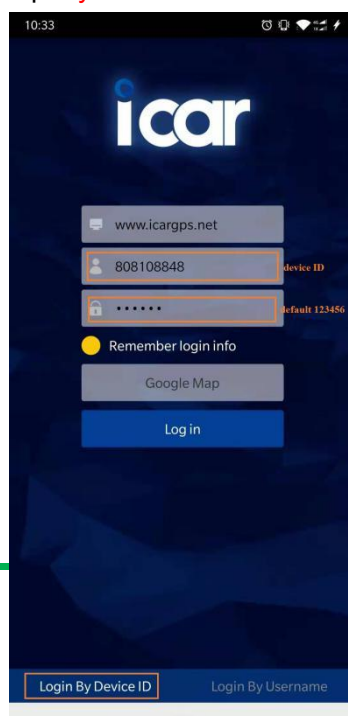
## 9. App & PC Tracking platform

### 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;



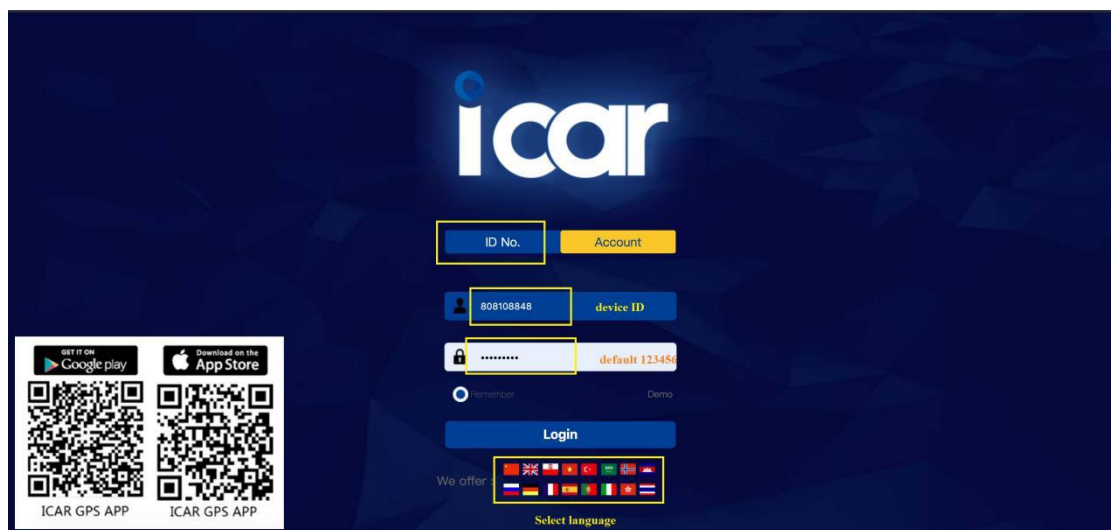
- Choose the” **Login by Device No.**,
- Input **your device's ID number** and password(default is 123456) to login.



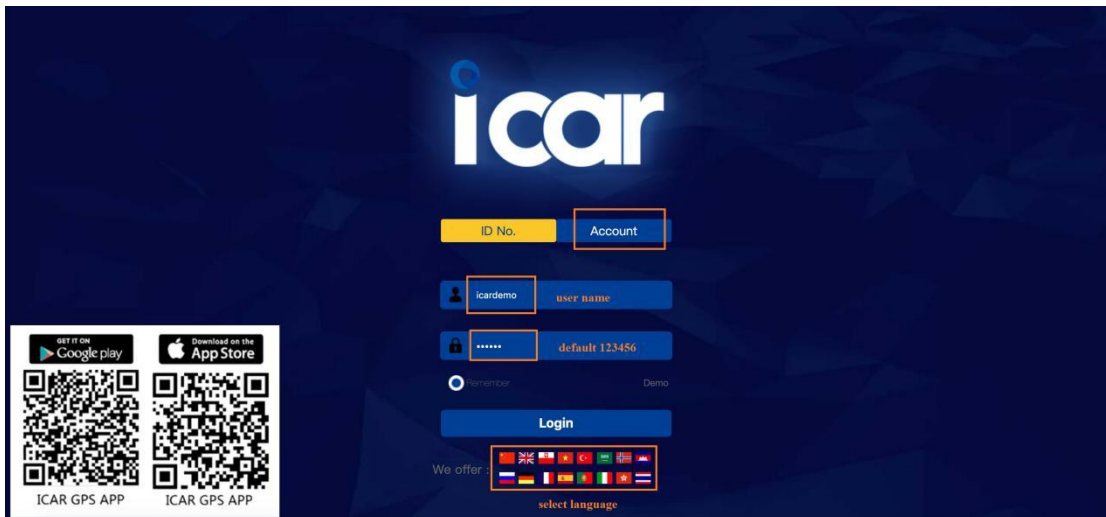
- Choose the "Login by User name.",
- Input **your user name** and password(default is 123456) to login.

## 9.2 PC login

- Web: [www.icargps.net](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 “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.