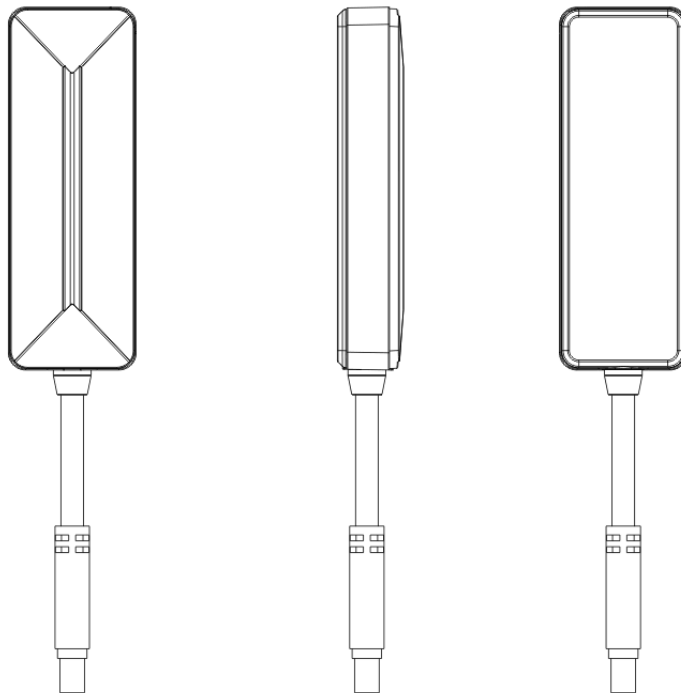


QUICK TOUR

Accurate Tracking | Power standby



Please carefully read the user guide before use in order to quickly get the right to operate. Product appearance, color and accessories are subject to change without prior notice in this manual!

Functions and Product parameters

- ◆ Real-time tracking ◆ Waterproof IPX6 ◆ Geo-fence
- ◆ Vibration/Displacement/Low battery/Power off/over speed alert
- ◆ Main power cut off alert ◆ LBS/GPS/Glonass or Beidou
- ◆ Cut and resume oil remotely ◆ AGPS locating◆Encryption Algorithm
- ◆ Anti-Detection &Anti Cracking&Anti Pseudo base station

Frequency	
	GSM 850/900/1800/1900MHz
Networks	GPRS
Operating voltage	10-120V
Location time	Cold start 35s-80s
	Hot start 1s
Location accuracy	5 meters
Operating temperature	-20℃~+55℃
Dimension	74*25*13mm
Weight	30 g

Note: against pseudo base-station&detect function should under power save work mode! The device would wake up when move and speed above 20km/h.

① LED Indicator Definition

Green Indicator: GPRS

Status of indicator	Meaning
Flash	GPRS conversation start
Continuously in bright status	No GPRS signal
Green Led off	Power off or in sleep mode

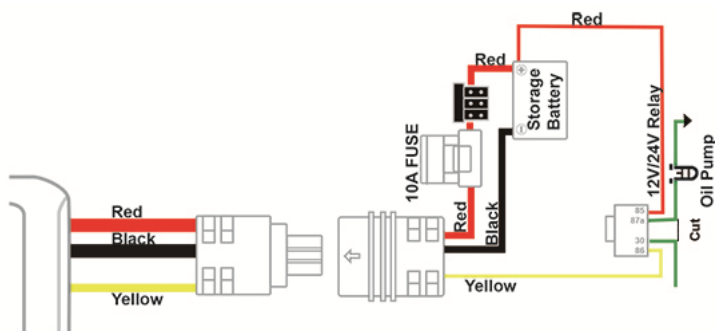
Blue Indicator: GPS

Status of indicator	Meaning
Flash	GPS location successful
Continuously in bright status	GPS signal searching
Blue led off	Power off or in sleep mode

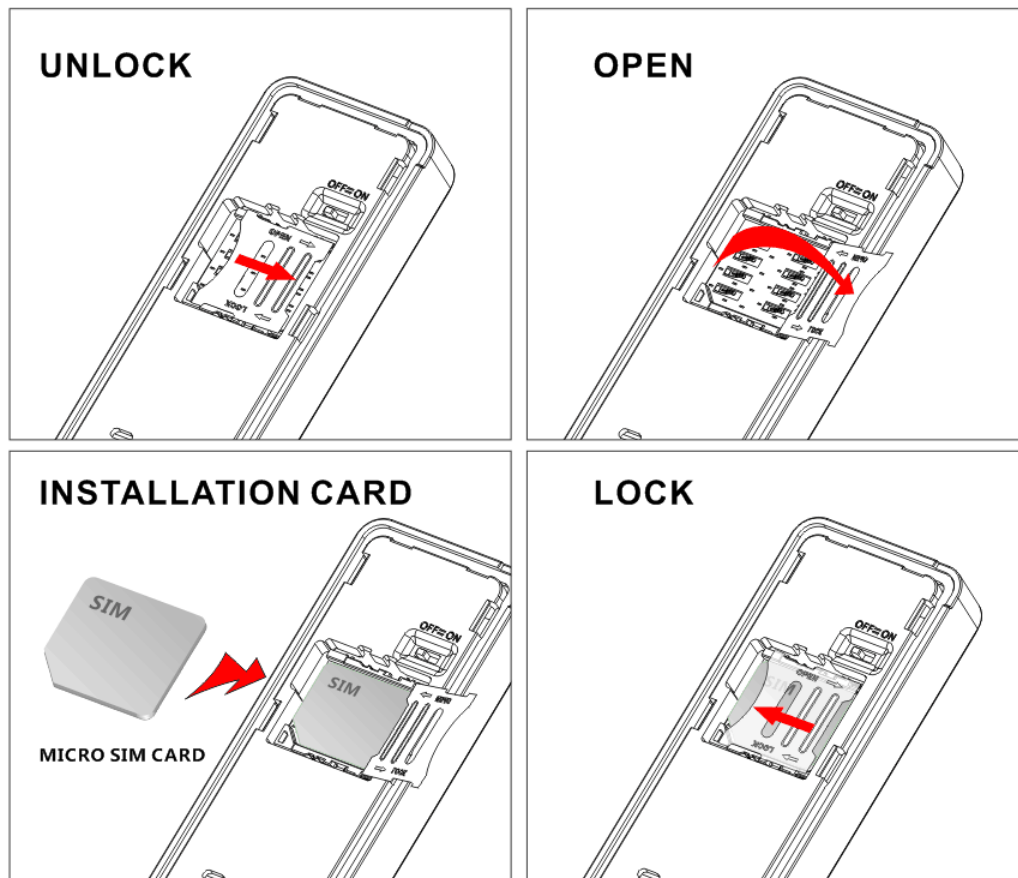
Red Indicator: Power charge

Status of indicator	Meaning
Continuously in bright status	charging
Red led off	Power off or charged full

NOTE: Please connect the cable follow below pictures.



② Start up



(I) Open the top, Insert a micro SIM card support GPRS network into the slot and make sure the chip side is down.

(II) Connect power cable and turn on the power button to on.

(III) Set admin number, by sending a SMS command to the micro SIM card inside device.

For example: admin123456 +86186***** (+86186***** should be your phone number)

(IV) Set APN: APN123456 CMNET (please use your local APN instead of CMNET, if you do not know the APN content, you should contact your SIM card supplier)

③ More Commands

Function	Command Format	Reply	Delete	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	noadmin 123456	admin123456 186*****
time zone	timezone+123456+space+GMT No.	timezone ok		timezone123456 +1
Power save(default)	sleep123456 time	sleep time ok		
shock sleep	sleep123456 shock	sleep shock ok		
no sleep	sleep123456 off	sleep off ok		
upload frequency	upload123456+space+time	upload ok		upload123456 10
Cut and resume oil	555	Cut oil OK	666	
Arm&Disarm	111 or SF	Arm delay in 0s	000 or CF	
Position	G123456# or where	Google map		
Restart	rst	restart ok		
Back to factory	format	No reply		

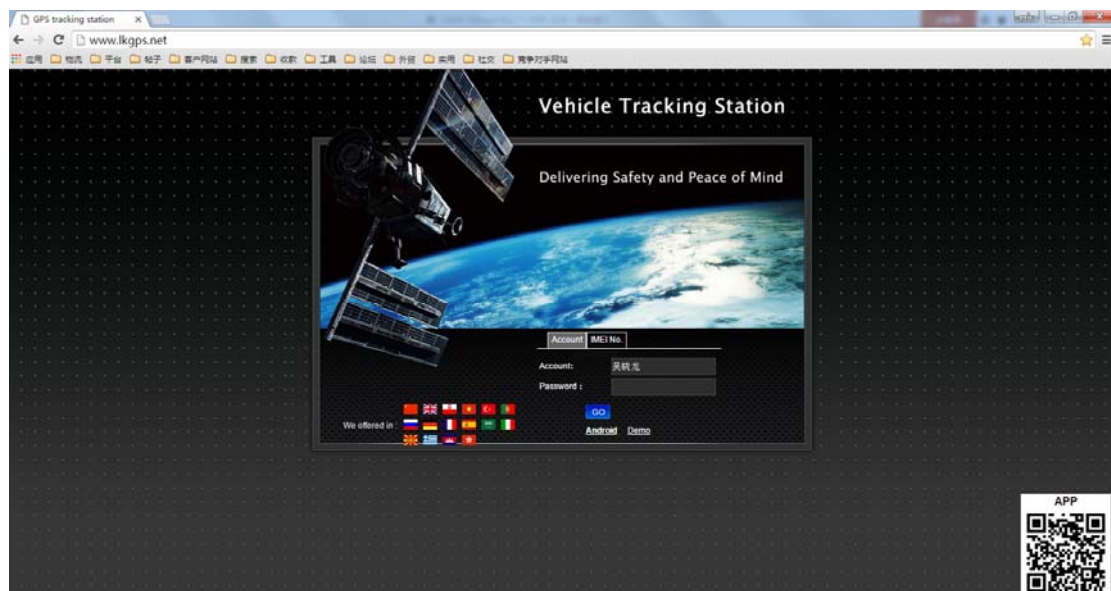
④ Download phone APP



Method 1: Scan above QR to download;

Method 2: search “LKGPS2” in the app store or Google play store to download.

⑤ Log in by website and phone APP

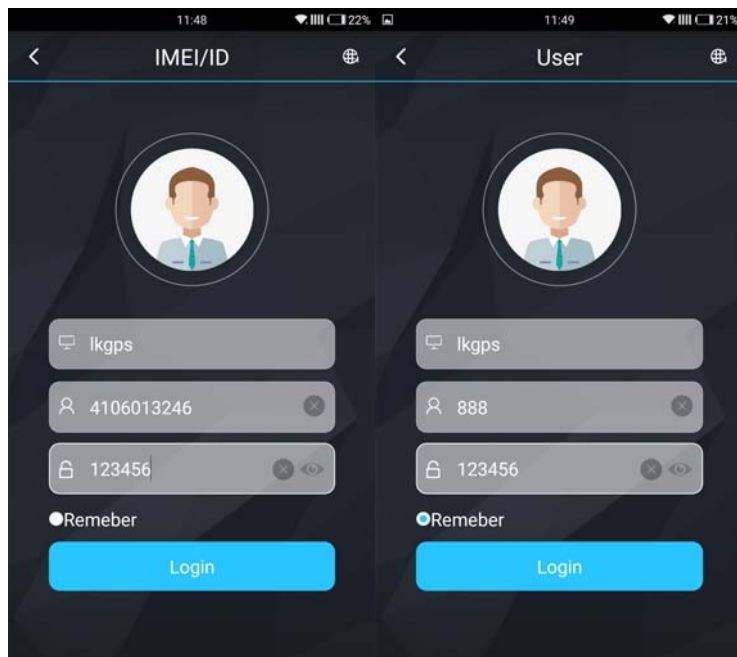


Log in by Website:

Open the website www.lkgps.net, choose IMEI, enter the 10-digit bar code of the device, the default password is 123456, click “GO” to log in into the platform.

Log in by Phone APP:

Please see the following photo:



⑥ Faults & The solutions

Q: Start up Fail?

A: Check the cable connect right or not.

Q: The device can not obtain location information?

A: Place the unit at the open area to test.

Q: How to choose Mini SIM card?

A: the Mini SIM card must support 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.

⑦ **Cautions**

Please comply with the instructions to extend the unit life:

1. Keep the unit dry. Any liquid, i.e. rain, moisture, may destroy or damage the inside circuitry.
 2. Don’t use & store the unit in dusty places.
 3. Don’t put the unit in overheated or over cooled places.
 4. Handle carefully. Don’t vibrate or shake it violently.
 5. Clear the unit with a piece of dry cloth. Don’t clean in chemicals, detergent.
 6. Don’t paint the unit, this may cause some foreign materials left in between the parts.
 7. Don’t disassemble or refit the unit.
 8. Please use the battery and charger provided by manufacturer.
- Using other batteries and chargers will cause unwanted situation.

Warning:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver

--Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

--Consult the dealer or an experienced radio/TV technician for help

NOTE: This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter

RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines. This equipment should be installed and operated with minimum distance of 20cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter