

User Manual

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1 Introduction

CK106 is a rescue device with voice function. It works on LTE B2/B4/B5/B12/B13 network with superior receiving sensitivity. Based on the embedded wireless tracking protocol, CK106 can communicate with the backend server through LTE network, and transfer emergency reports.

2 Product Overview

2.1 Appearance

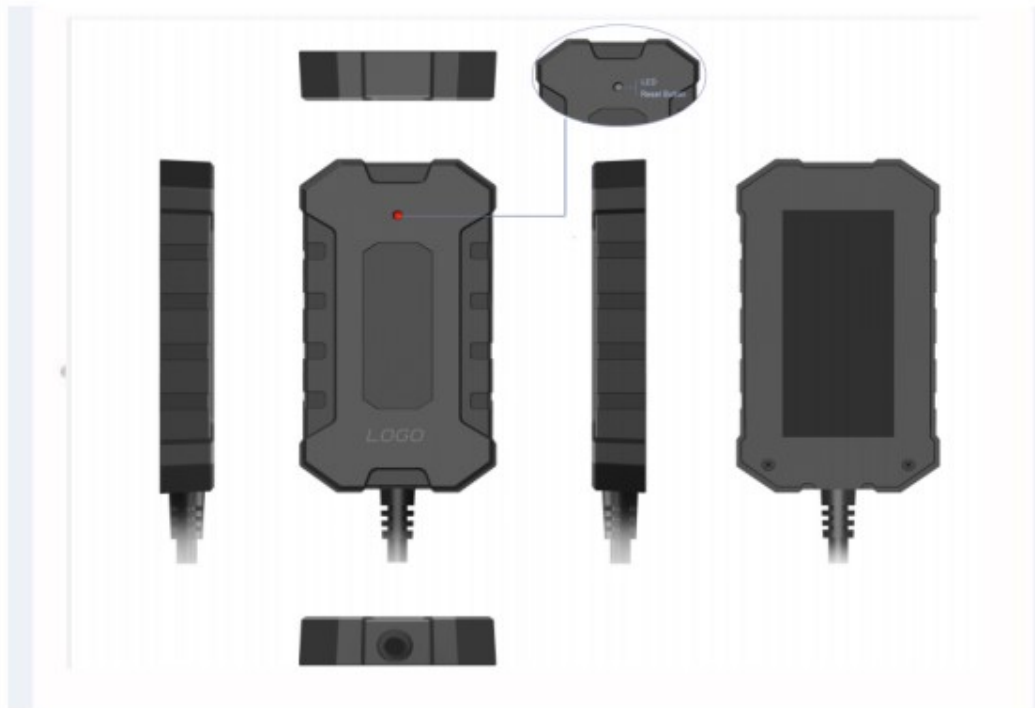
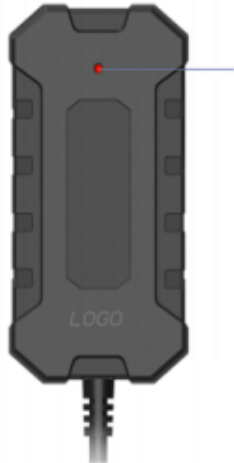


Figure 1- 1

2.2 LED Description



To be added

Figure 1-2

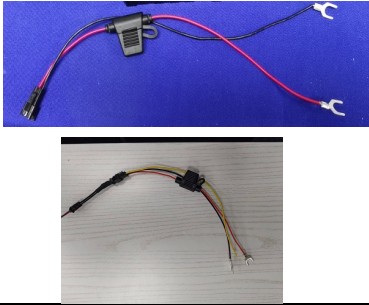
There are 2LED lights in CK106 device, the description as following.

Light	Event	State
Red LED	Power on/Fully charged	Steady light
	charging	Slow flash
Blue LED	Power on	Steady light
	Fix position	fast flash

3 Getting Started

3.1 Parts List

Name	Picture	Remark
Rescue device		

Tail patch cord		Charging for the device
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3.2 Battery Charging

The following items are suggestion for battery charge, please pay more attention.

- ▶ The Battery in device is a backup battery in power off mode. Main power is from automobile battery through tail patch cord.

- ▶ Charging will last about 4 hours.

Note: If the Rescue device is firstly used, please make sure the battery is fully charged, which will make the life of battery much longer.

3.3 Power on/Power off

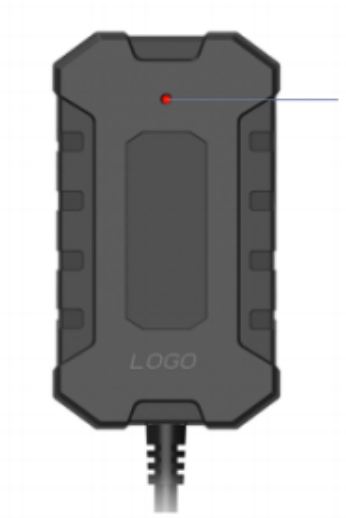


Figure 2-1

Power on:

- If the Rescue device is firstly used , install the automobile battery to tail patch cord.

Power off:

- Rescue device is auto power off and user can't turn off the machine by itself.

4 Frequency

LTE:Band2、Band4、Band5、Band12、Band13

WIFI:2.4GHz

GPS: 1575.42MHz、1176.45 MHz

5 Trouble shooting and Safety info

5.1 Trouble shooting

Trouble	Possible Reason	Solution
Messages can't be reported to the backend server by Mobile network.	APN is wrong. Some APN can not visit the internet directly. The IP address or port of the backend server is wrong.	Ask the network operator for the right APN. Make sure the IP address for the backend server is an identified address in the internet.
Battery can not be charged	The battery has not been used for too long time and has been locked.	Using a external power source with 3.6V to 4.2V DC power supply to active the battery or apply for after sale help.
ATW can't fix GPS successfully.	The GPS signal is weak.	Please move ATW to a place with open sky. It is better to let the top surface face to the sky. (The same surface with indication LED)

5.2 Safety info

The following items are suggestion for safety use, please pay more attention.

- ▶ Please do not disassemble the device by yourself.
- ▶ Please do not put the device on the overheating or too humid place, avoid exposure to direct sunlight. Too high temperature will damage the device or even cause the battery explosion.
- ▶ Please do not use the device on the airplane or near medical equipment.

FCC Caution.

§ 15.19 Labelling requirements.

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.

§ 15.21 Information to user.

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

§ 15.105 Information to the user.

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.

WIFI Exposure Information:

WIFI of this equipment only has reception function.

RF Exposure Information (SAR) :

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

ISED RSS Warning:

This device complies with Innovation, Science and Economic Development Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

WIFI Exposure Information:

WIFI of this equipment only has reception function.

Informations sur l'exposition WIFI:

WIFI de cet équipement a seulement la fonction de réception.

Radiation Exposure Statement (SAR):

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Déclaration d'exposition aux radiations (SAR):

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.