Prime 911A4G User Manual

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Contents

1 Introduction

Prime 911A4G is a rescue device with voice function.It works on LTE B2 / B4 / B12 network with superior receiving sensitivity. Based on the embedded wireless tracking protocol, Prime 911A4G can communicate with the backend server through LTE network, and transfer emergency reports.

2 Product Overview

2.1 Appearance

Figure 1-1

2.2 Buttons Description

Button /12PIN Interface Description	
KEY/interface	Description
Energy query Key	Query How much energy left.
SOS Key	Press this key to dial a phone number through LTE network
Reset Key	Press this key to shut down the device in abnormal condition

2.3 LED Description

To be added

Figure 1-2

There are 2LED lights in Prime 911A4G device, the description as

Light	Event	State
Red LED	Power on	Steady light
	charging	Slow flash
Blue LED	Power on	Steady light
	Network indicate	Slow flash

3 Getting Started

3.1 Parts List

Name	Picture	Remark
Rescue device		

charging Dock		charging for the device

3.2 Battery Charging

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

- The red LED of charging Dock will be steady light no matter rescue device is charging or not.
- Charging will last about 3 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 Charging Dock

Charging Dock is a base with an AC Adapter.

The charging dock is used for device charging , which can be used for charging at any time (by end user)..

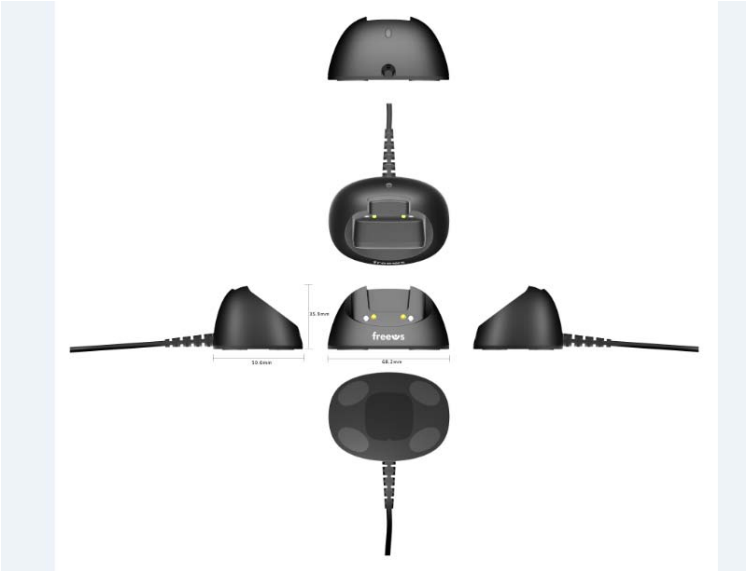

Figure 2-2

3.4 Power on/Power off

Figure 2-2

Power on:

- Press the SOS key at least 3 seconds and release it to power on rescue device.

Power off:

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

4 Frequency

LTE:Band2、Band4、Band12
WIFI:2.4GHz

4.1 WIFI

The device role of WIFI could be Master and Slave.
When the device role is Master, the device will provide below services: the others devices can read or use the above services after connecting devices, connect the designated device to read the data or related information of the designated WIFI devices. After reading the data, the server can be reported to the server by the corresponding message.

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.	Ask the network operator for the right APN.
	The IP address or port of the backend server is wrong.	Make sure the IP address for the backend server is an identified address in the internet.
Unable to power off ATW.	The function of power key was disabled by AT+GTFKS.	Enable the function of power key by AT+GTFKS.
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.

FCC Statement

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

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.

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.

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.

RF Exposure Information (SAR) :

The SAR limit of USA (FCC)is 1.6W/Kg averaged over one gram of tissue. Product Type: Tracker ,(FCC ID: ZKQ-911A4G) has also been tested against this SAR limit. The device was test for typical body-worn operations and head face up operations . keep the Tracker at least 10mm from the face.when worn on body must use correct back clip for this product. Use of non-approved accessories may result in exposure levels which exceed the FCC's controlled environmental RF exposure limits.

The SAR limit of IC is 1.6W/Kg averaged over one gram of tissue. Product Type:Tracker, model number:Prime 911A4G(IC: 8414B-911A4G) has also been tested against this SAR limit. The device was test for typical body-worn operations and head face up operations . keep the Tracker at least 10mm from the face.when worn on body must use correct back clip for this product. Use of non-approved accessories may result in exposure levels which exceed the controlled environmental RF exposure limits.

La limite SAR de IC est de 1,6 W / Kg en moyenne sur un gramme de tissu. Type de produit: Tracker, numéro de modèle: Prime 911A4G (IC: 8414B-911A4G) a également été testé par rapport à cette limite SAR. Le dispositif a été testé pour des opérations typiques portées par le corps et des opérations face à la tête. Gardez le Tracker à au moins 10 mm du visage.Lorsque vous le portez sur le corps, vous devez utiliser le clip dorsal correct pour ce produit. L'utilisation d'accessoires non approuvés peut entraîner des niveaux d'exposition supérieurs aux limites d'exposition environnementales RF contrôlées.