

## User Instruction

### 1. Charging time and method of chest card:

When the card normal and the battery is sufficient, the blue LED light on the front of the card will blink once every 5S (as shown in Figure 1). If the LED is off for over five seconds (as shown in Figure 2), it indicates that the card to be charged.

Note: Please charge the newly issued card 2 hours before use



picture1



picture2

2. When charging the word card, please insert the USB connector of the charging cable into the charging head of the 5V mobile phone (choose a regular brand of charging power supply), and place the end of the charging cable with the spring pin (as shown in Figure 3) at the charging terminal on the back of the word card (as shown in Figure 4). If the charging connector is attracted by the magnet of the charging terminal of the word card (as shown in Figure 5), the charging terminal will be successfully connected. At this time, the LED light on the front of the card will be show red (as shown in Figure 6); If the charging connector is repelled by the magnet inside of the word card, the charging connector should be changed to next direction; After the card battery is full (about two hours), the LED light on the front will be bright blue (as shown in Figure 7).

**Be sure to use a charging head with a nominal output to charge the badge**



Picture3



Picture4



Picture5



Picture 6



Picture 7

Note: Person location and second gate face recognition are two independent systems; word card without electricity use two door face recognition is not affected, but can not carry out personnel positioning.

## **Two, Key function description:**

The red button on the front of the card is the urgent call. If you press the button twice within five seconds, the card send a urgent order to server, and the system platform can receive the alarm and distress information.

In order to ensure that the distress signal can be sent smoothly in case of danger ,please make sure that the card is fully charged for using time;

Note:please do not trigger the alarm in the absence of special circumstance.

## **3. The correct way to use and wear the badge:**

In order to prolong the use time of the card, we designed a function to enter the silent power saving mode after it is static for ten minutes. In order to ensure the accuracy of personnel positioning effect, personnel must carry and wear the card correctly when working normally in the working-area, do not separate the person and card; In order to avoid triggering the button alarm by mistake, it is generally not recommended to put the card in the pocket of clothes; The correct way to wear the card is to hang on the chest with the red button facing outside, as shown in Figure 8.



picture8

### Fault diagnosis and trouble shooting

Serial number	Fault phenonmenon	Fast row check the method	Description	Remark
1	V42 card, Blue light is not flashing	Charge the badge	The badge has no power	
	The blue light of the V5 card blinks quickly for 1 second	Not online	Unable to connect to the LORA network	
2	The charging red light is not on	Check whether the charging terminal is connected in the correct direction and in good contact, whether the charging terminal is corroded and rusted, and whether the charging head has voltage output	The charging contact is not good, after the above inspection can not eliminate the fault, please send to repair and replace the chest card	
3	The location map of people in the factory does not show personnel information	Whether the personnel have just entered the factory	The system cannot calculate the location of personnel due to the small amount of data reported by the badge	
4	The location map of people in the factory does not	Check the battery status of the badge	Badge without power can not be located by	

	show personnel information		personnel	
5	The location map of the plant does not show the information of the personnel	Report to the responsible department to check whether the information is entered into the system	Personnel information is not in the platform, the map can not show location information	
6	People leaving the plant are still on the map	Check the battery status of the badge	Badge without power can not be located by personnel	
7	People leaving the plant are still on the map	Whether to use the normal two doors to leave the factory	It is impossible to calculate the situation of personnel leaving the factory without leaving from the normal two doors	
8	Personnel location is not accurate	Whether the personnel have just entered the factory	The system can not calculate the precise location of the personnel because the number of data reported by the badge is small	
9	Personnel location is not accurate	Check the battery status of the badge	The card has no power. It is located at the last power off position of the card	
10	Personnel location is not accurate	Whether is a confined space; The availability of high-power radio transmitting equipment nearby;	Confined space affects badge data reporting, and signal interference affects positioning accuracy	
11	When charging, the red light is on and the blue light flashes. When removing the charging head, the blue light does not flash. Unable to charge;	Use a 12-volt charger to charge the badge briefly (about 2 seconds) to activate the battery; After the blue light flashes, you can use rated 5 volts to charge;	If the storage time of the badge is long, the battery automatically enters the hibernation state and needs to be activated by high voltage.	
12	V5 Blue light flash 2 seconds slowly	Low battery power	Need to be charged	

## **FCC Statement**

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this 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.

### **RF Exposure Information**

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.