

5000P4D

1 Structure



- Power button: Used to turn the patrol device on and off, open the display, exit, and hang up the phone.
- SOS: Used to send alarm data.
- Call button: Select a contact, dial a number, and answer the call.
- Fn Button : Collect GPS checkpoint, enable parameter update function, and switch between earpiece and speaker during calls.

Magnetic button
Charging/communication
two-in-one



2 Technical Specification

【Features】

- 1, Military-grade design, super strong and completely waterproof.
- 2, alarm clock function.
- 3, OLED LCD display, the working status of the patrol device can be displayed at any time, even in strong outdoor light.
- 4, 4G transmission
- 5, Automatic sending, one-button alarm.
- 6, 4G calls, voice calls.
- 7, Voice event announcement.
- 8, Using Beidou + GPS satellite positioning technology
- 9, update parameters, download GPS location, alarm via GPRS.

【Technical】

- 1, Battery: 3400mAh/3.7vpolymer lithium battery
- 2, Communication: USB/4G
- 3, Standby time: work for 19 hours if send track data per 15 seconds
- 4, Working Temperature: -20°C ~ +85°C
- 5, humidity: 10% ~ 90%
- 6, Size: 120mm*68mm*32mm
- 7, weight: 221g
- 8, position accuracy : ≤10M(Open, no distractions)
- 9, data download: The device can download up to 500 GPS locations

3 Use guide

1、Initialization:

Before using the patrol device for the first time, it should be connected to the computer via a data cable and the time should be calibrated (the calibrated time is based on the computer. Recommendation: first make sure the computer date and time are accurate, then calibrate the time).

2、GPS checkpoint configuration:

Long press the Fn function key, vibrate once, the LCD displays "Collecting ", and the voice prompt "Collecting GPS location" is displayed. If the collection is successful, the LCD displays "successful" and the voice prompt "collection successful" is displayed. If the collection fails, the LCD displays " collection failed" and the voice prompt "Location information collection failed" is displayed. If the collection is successful, the sending process begins..

3、work process:

During the inspection process, when the patrol device arrives at the GPS location, vibrates for 1 second, the LCD displays "Arrived at inspection location",

vibrates for 1 second, the LCD displays "Arrived at inspection location", the voice prompt "Arrived at inspection location", if there is a voice event, the voice event will be played. After the voice event is played, the sending process will be entered; if there is no voice event, the sending process will be entered directly. The LCD displays "Data uploading", the voice prompt "Data uploading", the blue light will be on, the sending is successful, the vibration is 1, the LCD prompts "Data uploading successful", the voice prompt "Data uploading successful", the blue light flashes 5 times and then goes out.

4 Status

1、Low power

- **Red light flashes once every 3 seconds**

2、Charging

- **Charging:** The red light is on, the battery icon of the patrol device has a progress bar prompt, and there is a charging prompt next to the battery grid
- **Full charged:** The green light is on, the battery grid is full, and there is a charging prompt next to the battery grid

3、Storage

- **Capacity:** The device can store up to 60,000 records
- **Almost full:** Data more than 50,000 pcs, device vibrates twice, and the LCD will display " Arrived at inspection location " and "Data will be full". The voice prompts " Arrived at inspection location " and "Data will be full, please upload" will appear.
- **Data full:** When the storage capacity reaches 60,000 records, device will vibrate 6 times after generate new data. No more data will be stored and the LCD will display "Data is full, storage failed". A voice prompt will be heard: "Data is full, storage failed."

4、Call function

- **Contact switching:** In standby mode, short press the dial button, vibrate once, enter the contact selection interface, short press the dial button again, switch to the next contact, and switch cyclically. If no contacts are downloaded, vibrate 3 times, the LCD displays "No Contacts", the voice prompt "No Contacts" is turned off, and the display is turned off.
- **Dialing:** In the contact interface, press and hold the dial button for 3 seconds, long ring once, and the LCD displays "Dialing". If the other party answers, the LCD displays "Calling" and the call duration. If the other party does not answer or hangs up, long ring once, and the LCD

displays "Call Ended".

- **Coming calls:** When a call comes in, the device will vibrate once, the LCD will display the contact name or "Unknown Contact", and there will be a ring tone. The RGB light will flash in a cycle, and the prompt will continue until the other party hangs up or answers the call.
- **Missed calls:** When there is a missed call, the phone will vibrate for 1 second, the LCD will display "Missed call", and the voice prompt "Missed call" will be heard.

5. Others

- **Power on:** The red light stays on for 1 second and vibrates once. The screen displays the company's 'logo' and a voice prompt says "make patrol easier"
- **Power off:** Vibrate once, the screen displays "power off", and the voice prompt "power off"
- **Standby:** The green light flashes once every 3 seconds
- **Register network:** It will automatically register when powered on, the LCD will display "Registering", the voice prompt will be "Registering", and the blue light will flash once per second.
- **Register successful:** If the registration is successful, the device will vibrate once, the LCD will display "Successful", a voice prompt will be given, and the blue light will go out.
- **Register failed:** If registration fails, the LCD will display "Registration Failed", a voice prompt will appear saying "Registration Failed", the phone will vibrate 3 times, and the blue light will go out.
- **Sending data:** The LCD displays "uploading" and the voice prompts "uploading"
- **Send manual alarm:** When sending an alarm, the LCD will display "Alerting" and the voice prompt will be "Alerting".
- **Data sent successfully :** The blue light is on, the data is sent successfully, the device vibrates once, the LCD prompts "Data uploaded successfully", the voice prompts "Data uploaded successfully", and the blue light flashes 5 times and then goes out
- **Failed to send data:** If the data fails to be sent, the system vibrates 3 times, the LCD displays "Data upload failed" and "Data has been stored", the voice prompts "Data upload failed" and "Data has been stored", and the blue light goes out.
- **Data storage error:** It vibrates 4 times, and the screen prompts "Data storage error" and the voice prompts "Data storage error".

- **Clock wrong:** It vibrates 3 times, and the LCD prompts "Clock Error" and the voice prompts "Clock is wrong".
- **GPS positioning successfully:** The red light flashes once every 1 second. When the screen is turned on, there is a positioning icon on the time interface.
- **GPS checkpoint collection successful:** Long press the Fn function key, vibrate once, the LCD displays "Collecting ", and the voice prompt "Collecting GPS location " is displayed. If the collection is successful, the LCD displays " successful", and the voice prompt "Collecting GPS location successful" is displayed.
- **GPS checkpoint collection failed:** If the collection fails, the LCD will display "Failed" and the voice prompt will be "Collecting GPS location failed".
- **GPS patrolling:** It vibrates for 1 second, and the LCD displays "Arrived at inspection location". A voice prompt appears: "Arrived at inspection location". If there is a voice event, the voice event will be played. After the voice event is played, the sending process will be entered. If there is no voice event, the sending process will be entered directly. When sending, if the network registration is successful, the sending state will be entered. If the registration is not successful, the network will be registered. If there is no SIM card, the data will be stored directly.

WARNING

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.**

The device has been tested and comply with FCC SAR limits. Users can obtain

FCC information on RF exposure and compliance, this equipment should be installed and operated with minimum distance 5mm between the radiator& your body.