



QHY006 Personal GPS Tracker

User Manual

Version 1.0



Contents

1.Introduction.....	3
2.Product Overview	3
2.1 Appearance.....	3
2.2 USB-POGO	4
2.3 Power on/off (🔌).....	4
2.4 Lighting & Buzzer	4
2.5 Light sensitivity	6
2.6 MIC	6
2.7 The SIM card installtion	7
3.FAQ	8
3.1 The LED light off.....	8
3.2 GPS singal weak	8
3.3 Background no service	8
4. After-sales service	8
4.1 Warranty service	8

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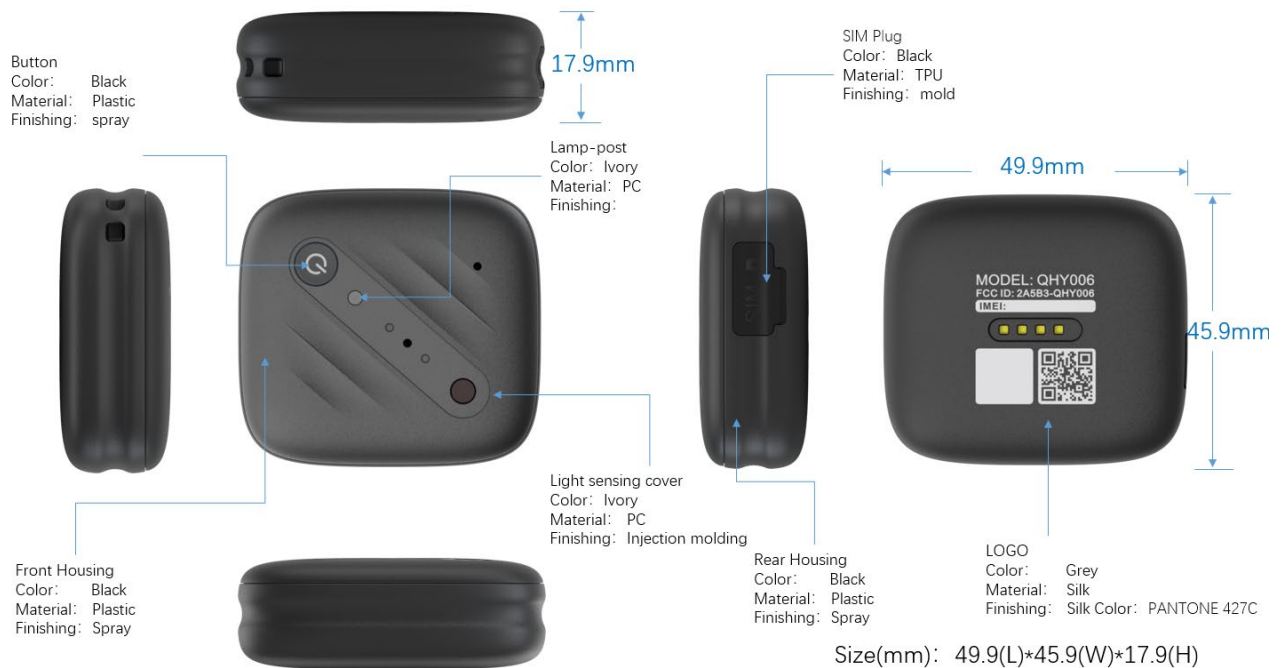
1.Introduction

QHY006 is a personal 4G gps tracker, waterproof IP67, the network cover Cat.1+2G, built-in Quectel EG915 chip,it is providing excellent GPS positioning performance.

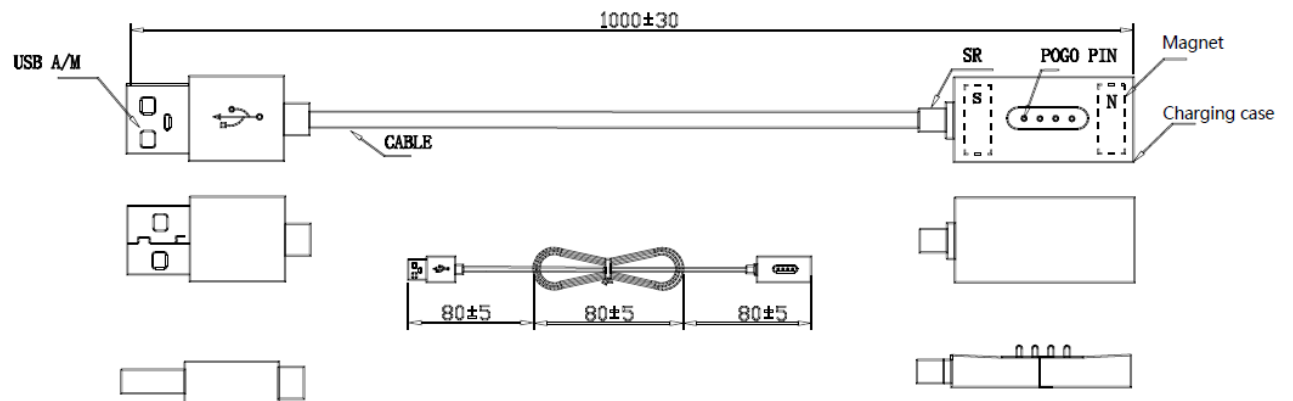
The QHY006 charging cable is a POGO 4 PIN magnetic, and it is built-in Bluetooth can also support a variety of applications function. It support a variety of incident response reports (fall alarm, voice function), please refer to QHY006 protocol for details.

2.Product Overview

2.1 Appearance



2.2 USB-POGO

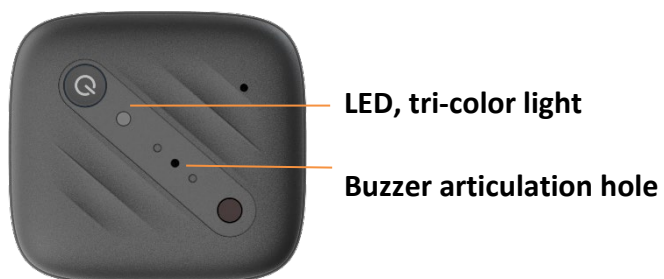


2.3 Power on/off (⏻).



1. ⏻ The default button is the power on/off
2. The shutdown function can be changed to open/close the electronic fence and enable the following mode
3. ⏻ Short press three times to trigger the SOS alarm

2.4 Lighting & Buzzer



scenario	Priority	LED color	LED action	frequency	Buzzer action
Low battery (uncharged)	1		flashing	1 time every 3 seconds	1 time every 3 seconds, all 5 times, beep when turned on
Charging	1		display	always	No
Charging is complete	1		display	always	No
Power on (press and hold the button for at least 5s).	6		display	One cycle per second	It made a beep.
Power off (Press and hold the button for 5-15s.)	6		display	One cycle per second	No
The system is standby, and the network is normal	2		Cycle through the display	1 time every 5 seconds	No
The system is standby, and the network is abnormal	2		flashing	1 time every 5 seconds	No
Wake up the system, the system is working normally	4		flashing	1 time per second	No
Wake up the system, the network is abnormal	4		flashing	1 time per second	No
Factory reset (Press and hold the power button	6		Cycle through the display	One cycle per second	No

for 20-23 seconds, which is the valid period.))					
SOS (3 clicks should be done in 2 seconds.))	0		flashing	3 times per second	No
After the GPS signal query event is triggered, the GPS signal is normal	5		Solid on	3 seconds	No
After the GPS signal query event is triggered, the GPS signal is abnormal	5		Solid on	3 seconds	No

2.5 Light sensitivity



Light sensor cover

Built-in light sensor to detect the current ambient brightness.

2.6 MIC



MIC sound hole

The mobile phone app remotely opens the MIC radio and listens to the ambient sound of the device

2.7 Install the SIM card



Insert the SIM card according to the direction of this picture, press the SIM card to the end, and hear the click before it is in place.

3.FAQ

3.1 The LED light off

- A). Check if an external power supply is connected。
- B). Check that the SIM card is plugged in.

3.2 GPS signal weak

- A). Please move the device to an outdoor place with good GPS signal and make sure that there is no obstruction directly above the device.
- B). Make sure the front side (the side marked TOP SIDE) is facing upwards when the device is running.

3.3 Background no service

- A). Please check the APN and IP settings, please refer to the user manual of Huiye Configuration Tool for detailed settings.

4. After-sales service

4.1 Warranty service

The product can be guaranteed for one year after purchasing, but the following situations that cause damage to the equipment are not covered by the warranty:

- A). Not used in accordance with the product user manual.
- B). Damage caused by vandalism, disassembly and modification of the internal hardware of the product.
- C). Damage caused by external forces or irresistible factors, such as floods, impacts, electric current shocks.

FCC Caution.

a、 § 15.19 Labeling 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.

b、 § 15.21 Changes or modification warning.

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

c、 § 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.

d、 Specific Absorption Rate (SAR) information:

This Tracker meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health.

e、 FCC RF Exposure Information and Statement

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types: Tracker (FCC ID: 2A5B3-QHY006) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for properly worn on the body is 0.544W/kg. This device was tested for typical body-worn operations with the back of the handset kept 0mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 0mm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 0mm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.