



## QHY007 PersonalGPS Tracker

### User Manual

Version 1.02





## 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 Install the SIM card .....	6
3.FAQ .....	7
3.1 The LED light off.....	7
3.2 GPS signal weak .....	7
3.3 Background no service .....	7
4. After-sales service .....	7
4.1 Warranty service .....	7

Title	QHY007 User Manual
Version	1.0
Release date	2024-04-29
state	Released

## 1.Introduction

The QHY007 is a personal 4G GPS tracker with IP67 waterproofing. It supports Cat.M1 networks and features a built-in Quectel BG95 chip, providing excellent GPS positioning performance.

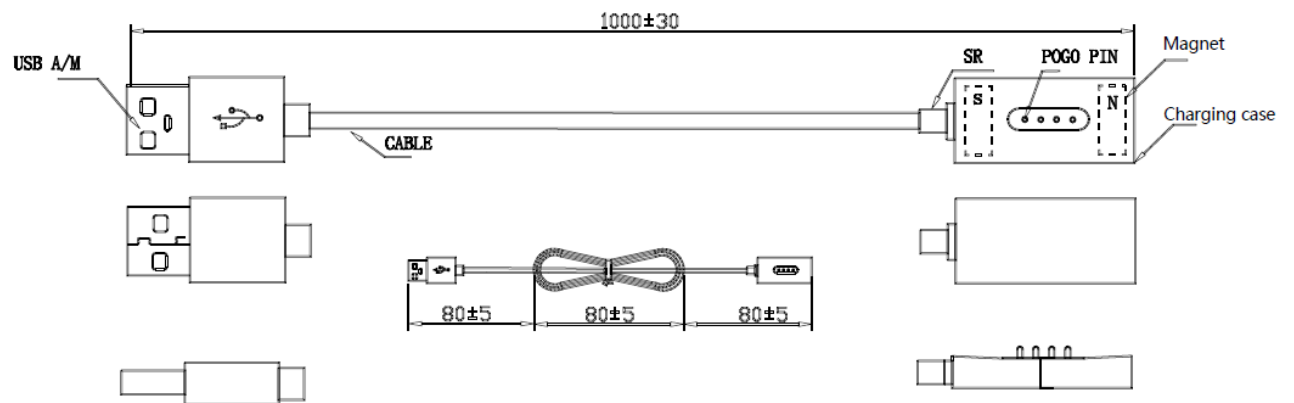
The QHY007 charging cable uses a POGO 4-pin magnetic connector. The device also has built-in Bluetooth, supporting various application functions. It supports various incident response reports. Please refer to the QHY007 protocol for details.

## 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 modified 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



- Tri-color LEDlight
- Buzzer articulation hole

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
Wake up the system, the system is working normally	4		flashing	1time per second	No
Wake up the system, the network is	4		flashing	1time per second	No

abnormal					
SOS (3 clicks should be done in 2 seconds.) )	0		flashing	3 times per second	No

## 2.5 Light sensitivity



Light sensor cover

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

## 2.6 Install the SIM card



Insert the SIM card as shown in the picture. Press the SIM card until you hear a click, ensuring it is securely 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 comes with a one-year warranty. However, 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:**

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's 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.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

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