



HYB001P Tracker User Manual

Version 1.1



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1.Introduction

HUIYE HYB001P is a LTE Cat.1/GSM GPS tracker engineered for asset security, cold chain logistics, and stolen vehicle recovery. Combining a 10+ year battery lifespan and multi-system GNSS precision, it delivers unmatched reliability for global tracking applications. With BLE 5.4 sensor integration and real-time accident data analytics, the HYB001P empowers businesses to safeguard assets, reduce risks, and streamline operations—anytime, anywhere.

2. Product Overview

2.1 Appearance



2.2 Battery



4*CR17335AH batteries, 1600mAh*4

2.3 Power on/off fluctuation switch



The position of the OFF pointer is off, and the toggle of the switch to the left is to turn it on. After turning on, the LED light will start to work after turning on at the same time.

2.4 Install the SIM card



Insert the SIM card according to the graphic direction under the card slot, and hear a "click" sound to indicate that it has been installed in place, if you want to eject the card, you need to press the SIM card again, and the SIM card will pop out when you hear the same "click" sound.

2.5 LED



GPS status light

- SOS mode, flashes fast (on 100ms off for 200ms).
- No GNSS data received or data error, flashes slowly (blinks once every 10 seconds).
- GPS in search status, flashes intermittently (on 1000ms off for 1000ms).
- The GPS is already connected and is always on

Network status light

- The LED flashes intermittently (on 1000ms off for 1000ms). When device looking for a network
- The device is registered on the network and flashes slowly (on 500 ms and off for 15 seconds).
- The LED briefly lights up when the device is powered on and woken up, and returns to normal operating status after the process is completed.
- The LED blinks rapidly at the beginning of the shutdown process (on 100ms off for 200ms) until the device is completely off.

2.6 Light sensitivity



The front of the device is centered and the top of the back is light-sensitive.

- The light sensor on the front is generally used for unpacking inspection
- On the back is an anti-tamper alarm.

2.7 Button



It is used to wake up when the device is in low-power mode.

3. Frequently Asked Questions

3.1 The LED light is not on

- Check if an external power supply is connected.
- Check if the SIM card is inserted properly.

3.2 GPS cannot lock the star positioning

- 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 Unable to connect to the background

- 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 After-sales maintenance

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

- A). It is not used in accordance with the user manual of the product.
- 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 Warning

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.

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

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.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.