
QM01S03

Operation Manual

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Document Approval

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Version History

Version	Revision Content	Person in Charge	Date
V1	Initial release of product specifications	Songds	November 15, 2025

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1、Product Overview

The QM01S01 Anti-lost Tracker adopts low-power Bluetooth positioning technology to realize global positioning based on the RSSI (Received Signal Strength Indication) positioning principle.

By detecting the signal strength of Bluetooth broadcasts and applying the built-in positioning algorithm, the device calculates its relative position against terminals with satellite positioning data. The location information is encrypted and decrypted via the network of positioning terminals and then transmitted to the back-end server. Users can conduct real-time positioning and tracking through PC web pages or mobile APPs to quickly retrieve items. This product is suitable for tracking valuables and equipment to prevent loss or theft.

2、Technical Specifications

2.1、Product Image



Operation Instructions for Power Button:

Short press the power button, the red indicator light flashes twice to power on the device. After power-on, short pressing the power button again will trigger no response. Press and hold the power button for 5 seconds; the red indicator light stays on briefly then turns off, which means the device is powered off. Short press the power button again, and the red indicator light flashes twice to turn on the device once more.

2.2、Technical Specifications

Basic Parameters	- Dimensions: 55mm×20mm
	- Weight: 20g
Performance Parameters	- Operating Voltage: DC 3V
	- Operating Current: 56uA
	- Frequency Range: 2.400 GHz ~ 2.4835 GHz
Operating Temperature	-20℃ ~ 70℃
Interface Type	Connection Mode: Bluetooth 5.4

3、Functional Features

The QM01S3 is equipped with BLE high-precision positioning and crowdsourcing network remote positioning functions. It is sealed with hot melt adhesive and reaches IP68 waterproof rating.

4. Environmental Requirements

- Operating Temperature: -20℃ ~ 60℃
- Storage Temperature: -40℃ ~ 85℃
- Relative Humidity: 20% ~ 80% (Non-condensing)

5. Certification Standards

- CE Certification: _____
- FCC Certification: _____
- Other Certifications: _____

6. Packaging List

1. Tracker Device ×1
2. Paper Card ×1

7. After-sales Service

- Warranty Period: _____ Years
- Technical Support Email: _____

FCC Requirement

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.

§ 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.