Blueiot RTLS Tag

BT1000-d

User Manual V1.0

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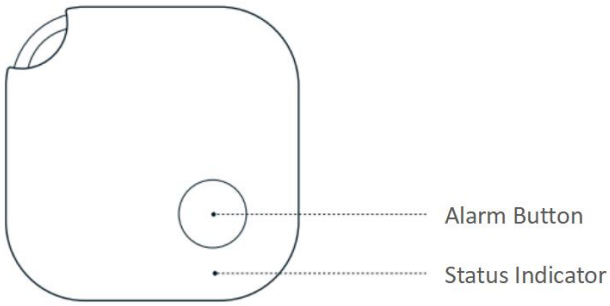
Trademark statement

- Products described in the Manual (including hardware and software) are all provided in the "current situation" within the maximum range allowed by laws, and there may exist defects, errors or faults. The Company does not provide express or implied guarantee in any form, or compensate for any special, incidental, accidental or indirect damages caused by using the Manual or products of the Company.
- The Company reserves the right to modify and adjust the product design or specifications and will not send special notice in the case of being necessary to modify and adjust the design, functions or technical indicators due to technological development.
- The "BlueIOT" series of products (hereinafter referred to as "equipment") provided by our company are management aids, which cannot replace the safety management system, measures and rescue programs of dangerous operations, nor can they replace the supervision system in operation management and measures.
- During the use of this product, please remind the operator not to reduce safety awareness due to the use of auxiliary tools, timely charge the device when the device is low, and regularly check the device. If you have any questions, please contact our company for repair or replacement.

1. Tag Introduction

BT1000-d Blueiot RTLS Tag Light, thin and compact, only 7.5mm in thickness, easy to use and deploy.



2. Screen Display

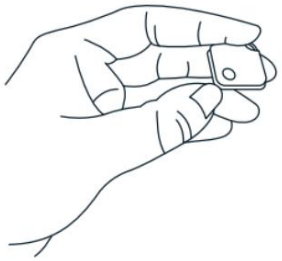
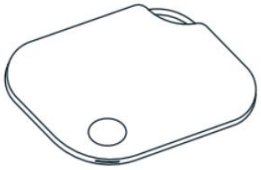
BT1000-d asset tag usesCR 2032 battery, when using, it should be noted that the tag should be in a state of power.The LED indicator on the tag flashes every 5 seconds, indicating the current battery. When the flashing color is green, the power is sufficient, the yellow is medium, and the red is about to run out, and the battery needs to be replaced as soon as possible.

When the power supply of the tag is insufficient, the low power alarm message will be uploaded.

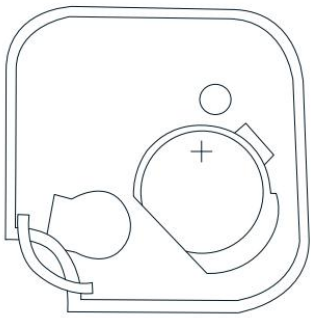
After the alarm is in effect, the LED indicator of the tag will flash in orange, indicating that it is currently in a low power alarm state.

2.1 Battery Replacement

During installation, please gradually open it to the outside along the gap near the side corner of the button. After the shell surface is removed, pull out the insulation sheet in the battery tank and close the shell surface again until the battery is installed.


When replacing the battery, remove the shell face and replace the battery directly, with the positive electrode facing up, as shown in the figure below.



2.3 Hand Out/Back

To hand out tags, use a card reader to enter the tag ID into the locating system or do it manually, and then location data will be recorded. To hand back, use a card reader to remove the tag ID or do it manually, and then location data will no longer be recorded.

3. Work Mode

3.1 Normal Mode

A tag in the normal mode automatically enters the mode of locating. In this mode, the tag sends a locating signal to the BlueIOT anchor at a default refresh interval of 200 milliseconds. This value can be set on the service configuration software.

3.2 Sleep Mode

A tag in the sleep mode will enter a low power consumption status where the refresh interval for the tag to send locating signals to the anchor will be extended to 10 seconds. When the tag stays static for a time longer than the set value for inactivity, it will automatically switch to the sleep mode; when the tag moves or vibrates, it will immediately get back to the normal mode from the

sleep mode. The static time from normal mode to sleep mode is 15 seconds by default, and this value can be set from 1 to 180 seconds in the Server Management Software.

4. Notes

- Do not throw this product into the fire in case of explosion.
- Do not dismantle the shell of this product at will in case of injury.
- This product is designed according to the indoor use environment, can not exposed to water or liquid splashing places, so as to avoid short circuit caused by fire or electric shock accident;
- If the equipment is abnormal, please contact the manufacturer, do not remove or modify the equipment in any way;

5. FCC Warning statement

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 interfer ence 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.

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

Information to user.

Any Changes or modifications not expresslyapproved by the party responsible forcompliance could void the user's authority tooperate the equipment.

FCC RF Radiation Exposure Statement:

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

5. Specifications

Product Name：Blueiot RTLS Tag

Product Model：BT1000-d

Net Weight：14g

Size：43.5mm×43.5mm×7.5mm

Frequency Band：2.402GHz - 2.480GHz

Operating Temperature：-20 - 70℃

Storage Temperature：-40 - 85℃

Operating Humidity：10% - 90% non-condensing

Storage Humidity：5% - 95% non-condensing

Radio Frequency Identification：Built-in RFID

Warranty Information

The warranty period for the host of this product is one year from the date of purchase, during which Blueiot after-sale experts will be responsible for the maintenance under normal use.

Warranty does not apply to：

1、Damage caused by unauthorized repairing, misuse, collision, negligence, abuse, inflow, accident or modification or alteration.

2、Damage caused by improper use of accessories not for this product.

3、Man-made surface damage, such as scratches, dents and hollows.

4、Damage caused by force majeure.