

# Ultra-thin BLE temperature logger



## BTT02 User Manual

Local/BlueTooth Beacon

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Welcome to use our device , please read this manual carefully to install and operate device exactly. This user manual is for reference only. If some contents and operation steps are inconsistent with those for the actual product, the latter will prevail.

BTT02 is a Bluetooth beacon data system with temperature sensor, It can record data locally or transmit data to the host or cellphone through Bluetooth broadcast, and then upload the data to the server by the host or cellphone, It plays a significant role in logistics and cold chain, helping customers to achieve transparent management, reduce costs, ensure safety, and improve efficiency.

## I . Product Features

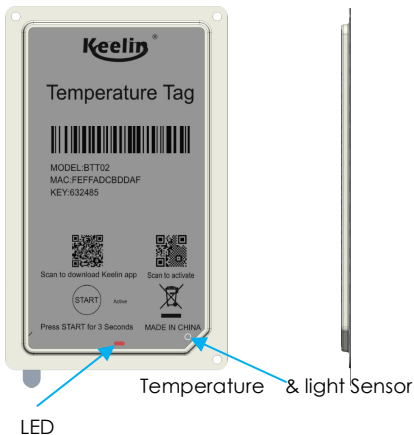
- Built-in temperature sensor
- Built-in light sensor
- Support temperature alarm, light alarm, low battery alarm
- Bluetooth 6.0 broadcast, meanwhile data saved locally
- Bluetooth connection to mobile phone, send data to APP in the phone
- Connect to a Bluetooth host and send data to the server
- Battery capacity 1000mAh, battery life up to 3 years
- Waterproof performance grade IP67
- EELINK Beacon Protocol

## II. Basic Specifications

Battery Voltage	3 VDC
Battery Capacity	1000mAh
Dimensions (mm)	63mm*103.5mm*2.4mm
button	1 START button
LCD Resolution	1 red indicator light
Bluetooth	BLE6.0
Temperature Arrange	-20°C~60°C
Temperature Accuracy	± 0.2 °C
Light sensing range	0.01 lux ~ 655 lux
transmission distance	Open space maximum search distance up to 500 meters
Local Storage Capacity	100K sets of data
Weight	20g

### III. Components and Accessories

#### ■ Components



## IV. Button Definition

Device Status	Operation	LED(red light)	Result
power-off state	Long Press 3S	Solid on for 3s, then flash for 1 min	Boot successful
power-off state	Short Press 1S	No hint	Device is off
power-on state	Short Press 1S	Flash once	Device is working
power-on state	Long Press 8S	Flash 5 times	Shutdown successful

## V. APP & WEB

Device can be connected to mobile phone via Bluetooth. In BeaconCloud APP, you can configure various parameters of the device. Historical data can be queried both on web (Beacon Cloud) and APP(BeaconCloud).

## **Parameters Configuration**

**Basic parameters:** Collection Interval; Storage Interval; Bluetooth broadcasting interval.

**Up and Low limits value of Alarm:** temperature, light, alarms.

**Password setting:** add/modify/remove password.

**Time setting:** time synchronization.

**Name setting:** Bluetooth name, it will take effect after modification and restart.

**Other settings:** Clear records, OTA, etc.

## **Historical Data**

The historical data is displayed in form of curves, the PDF/CSV historical files can be exported, and the alarm information will be reminded with red words and charts.

## **VI. Warranty Rules**

### **Special Statement**

- 1) Technology change without notice.
- 2) If the color and appearance are inconsistent with those for the actual product, the latter will prevail.
- 3) Warranty card is only valid for devices with the following IMEI.
- 4) Please take care of the warranty card and show it with the original purchase receipts when enjoying the warranty service.

## **Warranty Period**

Since the date of purchase, passive waste host has one year warranty.

## **After Sales**

Any of the following circumstances not covered by the warranty, but may be appropriate to pay repair:

- 1) More than the warranty period.
- 2) Unauthorized removal or repair damaged.
- 3) Damage caused by improper installation, use, maintenance, custody.
- 4) IMEI label is torn or Obscure.
- 5) Warranty certificate and product models do not match or warranty certificate be altered.
- 6) Damage caused by force majeure.