# BBD100 SmartTrak Bluetooth Smart Tracker
# User Manual

Thank you for purchasing the BBD100 SmartTrak key fob from BEEWI. Please read the following instructions to learn how to configure and use more effectively your product.

**Introduction**

The SmartTrak key fob will allow you to keep any valuable thing attached to it always safe and close to you. It works in conjunction with a Smartphone app which will alert you anytime the thing attached to the key fob is moving away, help you finding back the key fob by making it sounding an alert and give you the latest location of the key fob when it has been disconnected.

Compliant with latest Bluetooth Smart technology, it is compatible with other Bluetooth Smart Ready devices such as Smartphones and tablets by means of dedicated applications.

## 1. PRODUCT DESCRIPTION

### 1.1. Product Outlook
- Holding ring
- Status LED
- Action button
- Battery cover

### 1.2. Package Content
- SmartTrak key fob
- Holding ring
- CR2032 Battery
- Quick Start Guide and other info

### 1.3. Main features
- Track your assets and keep your things under control!
- High range, high precision tracking with sounding alert
- Controlled locally via Smartphone and tablet apps, iOS, Android and WinPhone 8 for "find me" and proximity features
- Can also be controlled remotely when connected to Gateway and Cloud Server to get notifications in case of presence or button alerts
- Long battery life, typically 6 months of fair use

## 1.4. Specifications

| | |
|---|---|
| Radio | Bluetooth Low Energy |
| Range | Up to 30 meters |
| Designated distance | Max 8-10 meters / Min 1-3 meters |
| Consumption | 0.116 mA typical |
| Battery type | CR2032 replaceable Lithium Coin Cell |
| Battery capacity | 210 mAh |
| Operation Time | Approx. 6 months |
| Dimensions | 36.5 x 35.1 x 9.1 mm / 3.14x3.14x0.86 inches |
| Weight | Approx. 10g / 1.05 oz |

## 1.5. Compatibility

The SmartTrak can be connected directly via local access mode or remotely using an optional gateway. Local access mode is supported with TrackerPad app by the following Bluetooth Smart Ready SmartPhones and tablets:

- Apple iPhone 4s and next, iPad 3 and next, iPod touch 5 and next models
- Android models with OS 4.3 and above
- WindowsPhone models with OS 8.1 and above

## 2. LOCAL ACCESS MODE

### 2.1. Introduction

Local access mode describes the direct control using the key fob with a SmartPhone or a Tablet. This requires the "BeeWi TrackerPad" application to be installed in the controller device.

### 2.2. Initial Settings

To use SmartTrak in local access mode, download and install the "BeeWi TrackerPad" application on Smartphone or Tablet devices. This app is available on the app stores for compatible iOS, Android and WindowsPhone devices.

### 2.3. Pairing

Before using SmartTrak, securely pair the Smartphone and SmartTrak together. This way, only the authorized device will be able to access the sensor.

1) Download and install the BeeWi TrackerPad app.
2) Press the SmartTrak button for about 3 seconds until you hear 2 beeps and see the light on. It will be visible for pairing during 30 seconds.
3) Open the app and press the connection button to find and connect your peripheral. After successful connection, the key fob sounds a short beep and the light goes off.

### 2.4. Using the SmartTak key fob

Depending on the settings in the app, you can use SmartTrak as a trigger to find the device it is connected to or create remote actions such as taking a picture with it.

## 3. USING THE APP

The main screen shows a box for each sensor already listed. Several functions are available in the box:
- Radio signal and battery levels
- Connection button displaying the actual connection state
- Alert button

Other functions are also accessible on the main screen such as:
- Button to add a new SmartTrak
- Button to activate a safe zone in which the proximity alerts are disabled (home or office for example)

Pressing the left side of the box will open the specific sensor control screen, with the following functions:
- Alert button to send an alert to the key fob. The alert will be heard on the key fob as multiple beep tones with flashing LED.
- Location button to show last know position of the key fob in the map. This can be useful if you have lost the valuable attached to the key fob.
- Photo button to enable the photo mode and use the key fox as a remote controller.
- Proximity alert settings to set different designated distances, near (2-3 meters), intermediate and far (8-10 meters).
- Connection button to disconnect or reconnect the key fob manually.

## 4. GATEWAY MODE

### 4.1. Introduction

The SmartTrak key fob can be also controlled remotely via the internet using a specific internet gateway. In that case, it is necessary to use a different web application as described in the BeeWi Gateway manual.

### 4.2. Pairing

In order to register the SmartTrak key fob as part of the HomeBee network, it is necessary to pair it securely with the Master Gateway. To do this, follow these steps:
1) Press the Gateway button for 5 seconds until the LED flashes twice per second to initiate pairing.
2) Press the SmartTrak button for about 3 seconds until 2 short beeps are heard. It will be visible for pairing during 30 seconds.
3) Once SmartTrak has been successfully paired with the Gateway, the new peripheral will show in the web app home screen.

### 4.3. Web server

Go to the HomeBee portal using a web browser or the web app to access your peripheral. Using the portal under your own account, it will be possible to verify the actual connection status, consult connection history and get alert notification when the key fob button is pressed.

## 5. CAUTION & WARRANTY EXCEPTIONS

### 5.1. Taking care of your Product

• Use the product indoor only.

• Avoid storage at extreme temperatures, above 45℃ (including direct sunlight) or below -10℃. This can shorten battery life and may affect operation.

• Do not expose the product to rain or moisture.

• When not in use, always store the product in a safe place.

### 5.2. Damages not covered by standard Warranty

• Damages caused by an improper use of the product such as shocks, drops, exposition to extreme temperatures, dust, or humidity, or any other cause.

• Damages resulting from any non-respect of manufacturer instructions.

• Cosmetic damages such as scratches, paint, glue or any other alteration made to the product.

• Damages to the product after a repair or disassembly from non authorized personal.

## Copyright and other legal information

BEEWI is a registered trademark. Other trademarks mentioned herewith are owned by their proprietors. All other product or service names are the property of their respective owners.

The use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

This product is covered by a 2-year product warranty which is valid from the date of purchase. Users are not permitted to make changes or modify the device in any way. Changes or modifications not expressly approved by the party responsible for compliance will void the user's warranty.

Please visit our website www.bee-wi.com for more information.

Technical support: support@bee-wi.com.

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## European Union Directives Conformance Statement

Hereby, VOXLAND declares that this product is in compliance with:

 • The essential requirements and other relevant provisions of Directive 1999/5/EC
 • All other relevant EU Directives

You can view your product's Declaration of Conformity (DoC) to Directive 1999/5/EC (to R&TTE Directive) at www.bee-wi.com.

## Caring for the environment by recycling

Do not dispose of electrical devices or accessories with your household waste.

In some countries or regions, collection systems are set up to handle electrical and electronic waste items. Contact your regional authorities for more details.

## Federal Communications Commission

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.

Shielded cables must be used with this unit to ensure compliance with the Class B FCC limits.

Warning: Changes or modifications to this unit 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.

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

**Radiation Exposure Statement:**

The product comply with the FCC portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

**Industry Canada**

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

**Radiation Exposure Statement:**

The product comply with the Canada portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.