

2.4G Bluetooth Remind Tag



Model Part No.: BT01XW

Product overview: BT01XW Bluetooth Remind Tag is a 2.4G Active tag with beeper sound and light reminder, which can quickly find objects in warehouse(the searched item has the sound and light).It is widely used for many applications such as warehouse inventory item positioning,shelf item positioning,clothing and hat searching, book positioning, file positioning and so on.

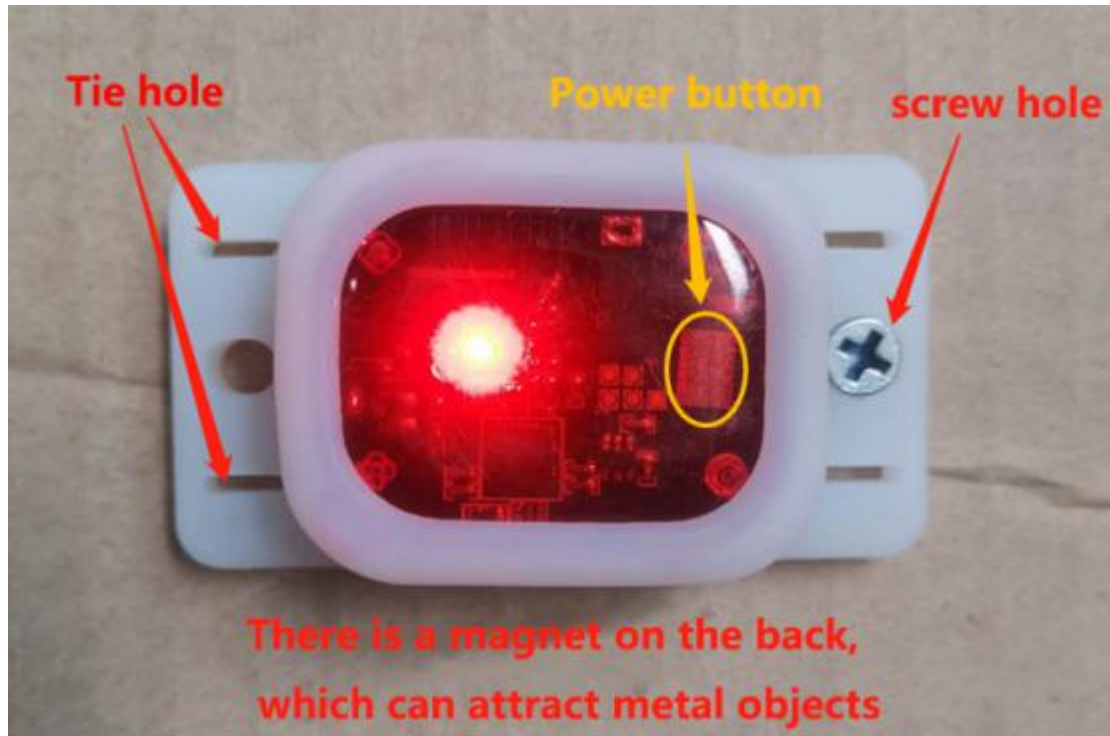
Parameter:

1. Product Size: 38(L)*30(W)*13mm(H)
2. Weight: 18 g
3. Material: PC material
4. Indicator: RED LED light & Beeper Buzzer
5. Characters: Help to find items via sound and LED light prompt
6. Bluetooth Technology: Bluetooth 5.0 or above
7. Communication Distance: Open field more than 30 meters
8. Battery: Replaceable CR2477 Coin battery, Capacity 1000mAh
9. Battery life: 15 months/battery
10. Power Notice: Power level will be noted from APP in your smart device

Attachment pictures for instruction

1. Installation Part (color in Black or white optional)

Due to tightness enclosure, sound volume will be reduced greatly.



2. Power Consumption Measurement Chart:



3. User Manual of the Software APP

The APP software of this Bluetooth Remind Tag contains 3 main functions

1. Binding tags to each item

Tag binding action, in order to establish a corresponding relationship between the physical object (order) and the tag, this step is specially formulated.

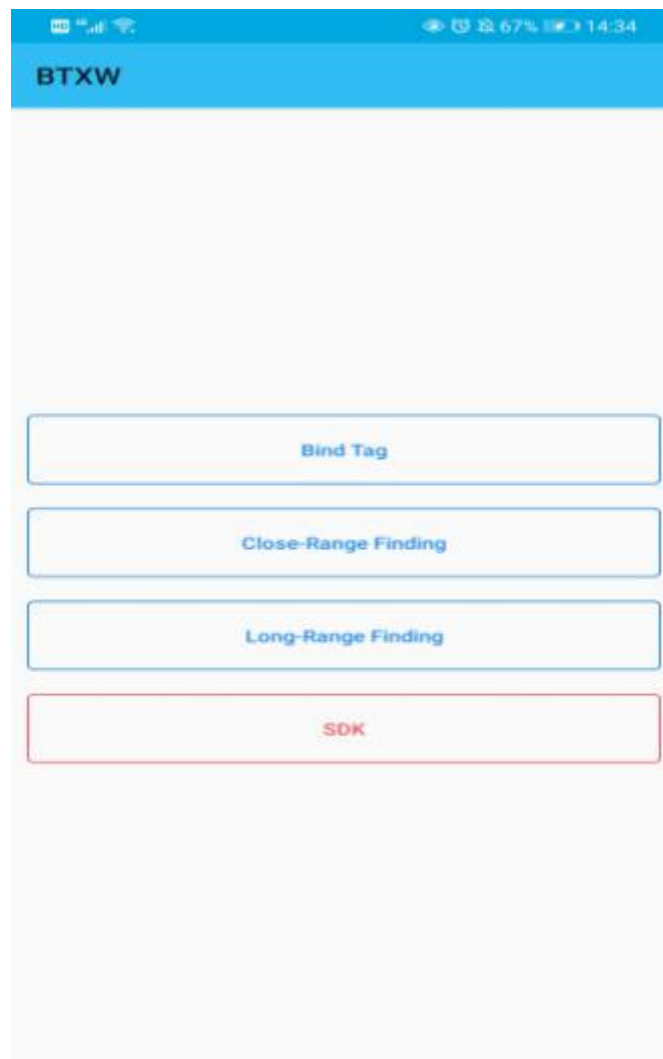
2. Short-distance select/scan

Finding objects at short range when the search area is small (within 10 meters visible range). This function provides QR code scanning or select a tag from the full list, and actively connect to the designated item tag, then send sound and light prompt. This function is a single reminder search (the length of the prompt time can be set, 3-20 seconds).

3. Long-distance searching

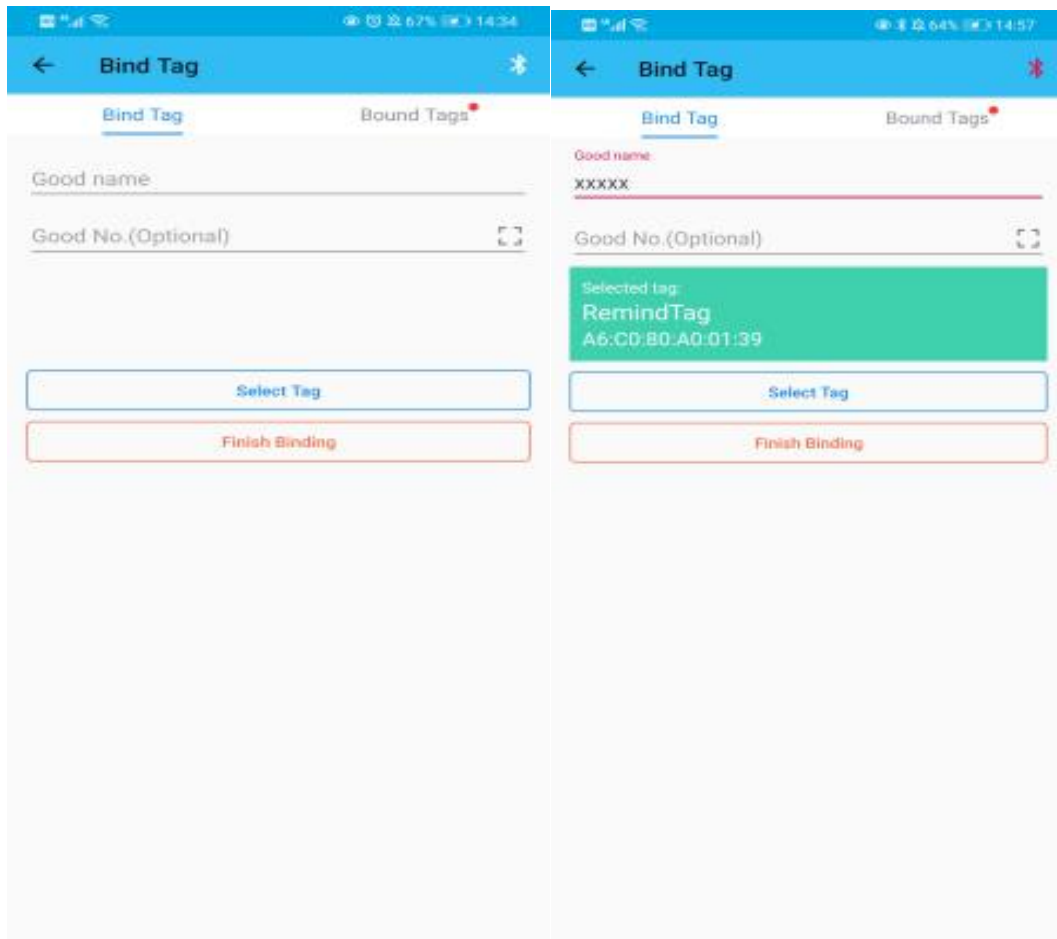
Long-distance searching the dedicated items at a large area (above 100 square). After enter the "Distance Finding" menu on the APP of the smart tablet, select a tag, and make a distance prompt according to the RSSI value of the tag; until the RSSI is greater than -70db (about 3-8 meters away) to connect the tag. Then sound and light prompts are sent cyclically, until the APP clicks to end the object search.

Software main interface:

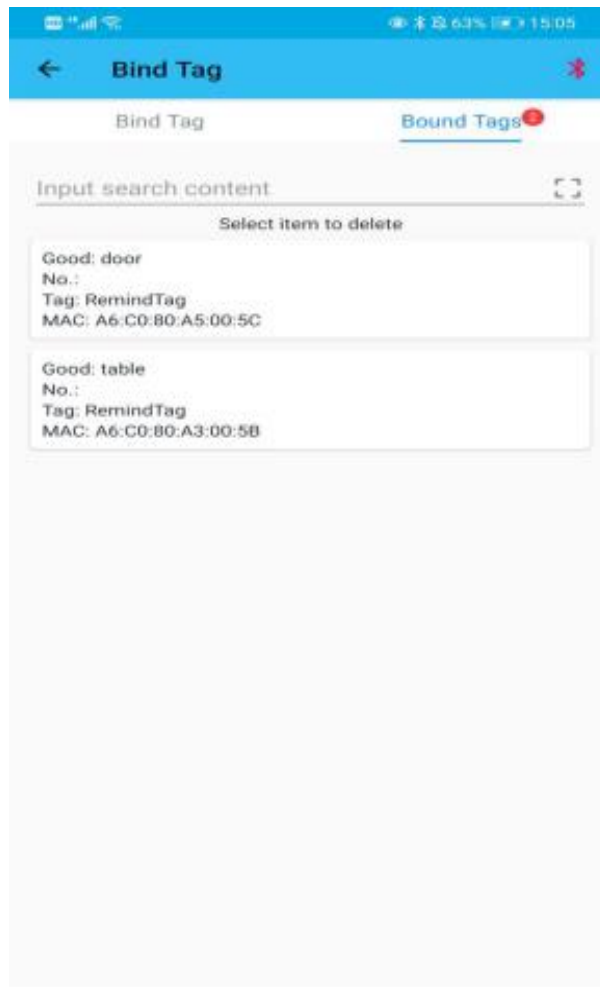


Item binding tag:

First, need to correspond to the tag to the binding, item. After the tag is attached to an item, click the "Select Tag" menu after the phone is close to the tag, wait for 5 seconds, and select the tag with the largest RSSI value from the list (the tag name is default Remind Tag), the selected tag will keep flashing to confirm the selection, then enter the item name and custom item number (for subsequent scan selection), and click "Finish binding".



Check the examples of binding tags:



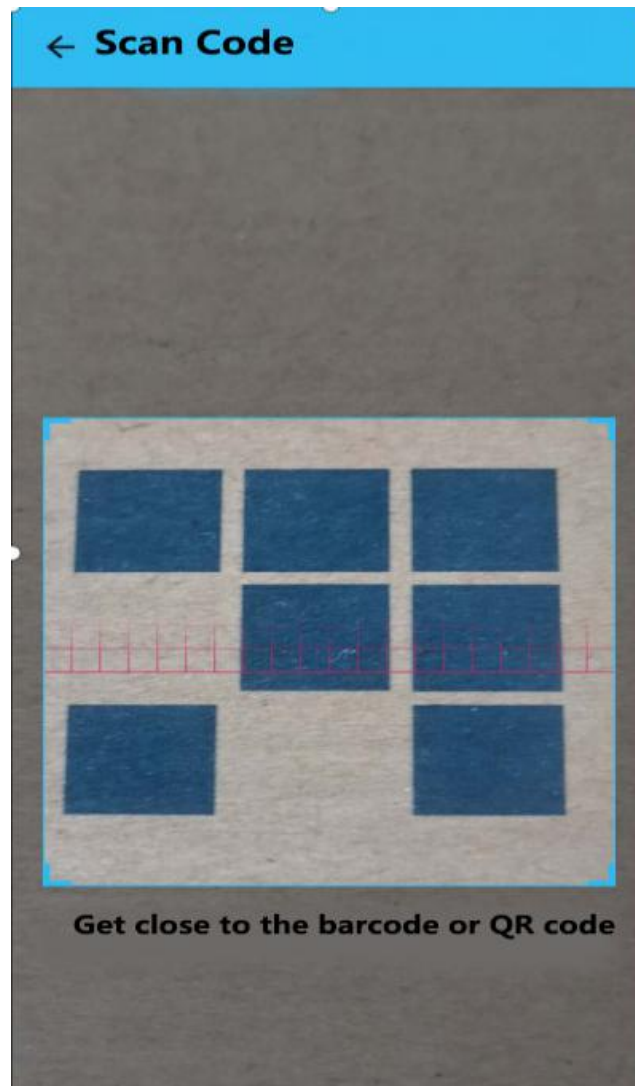
Select to find the binding objects:

After enter the long-distance search or short-distance search menu, choose the menu of select or scan to search objects.



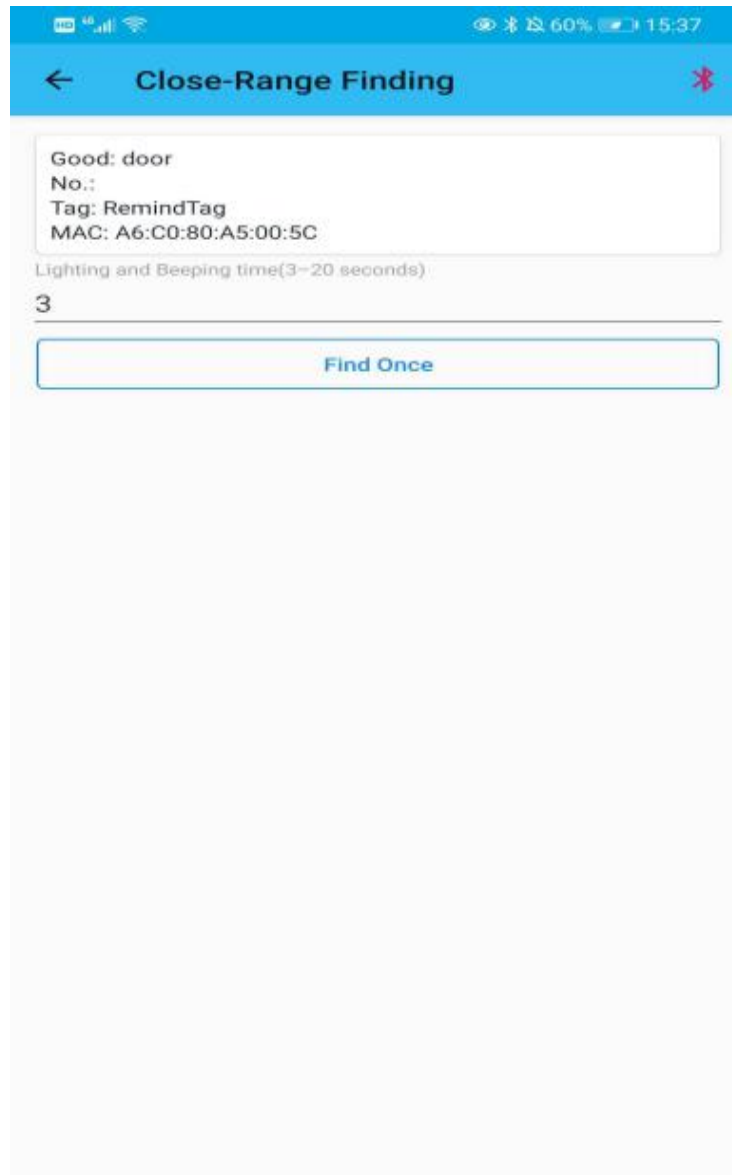
Scan the barcode/QR code to find objects:

After clicked the scan code icon, scan the designated barcode or QR code corresponding to the item (the "item number" which set up in the binding step).



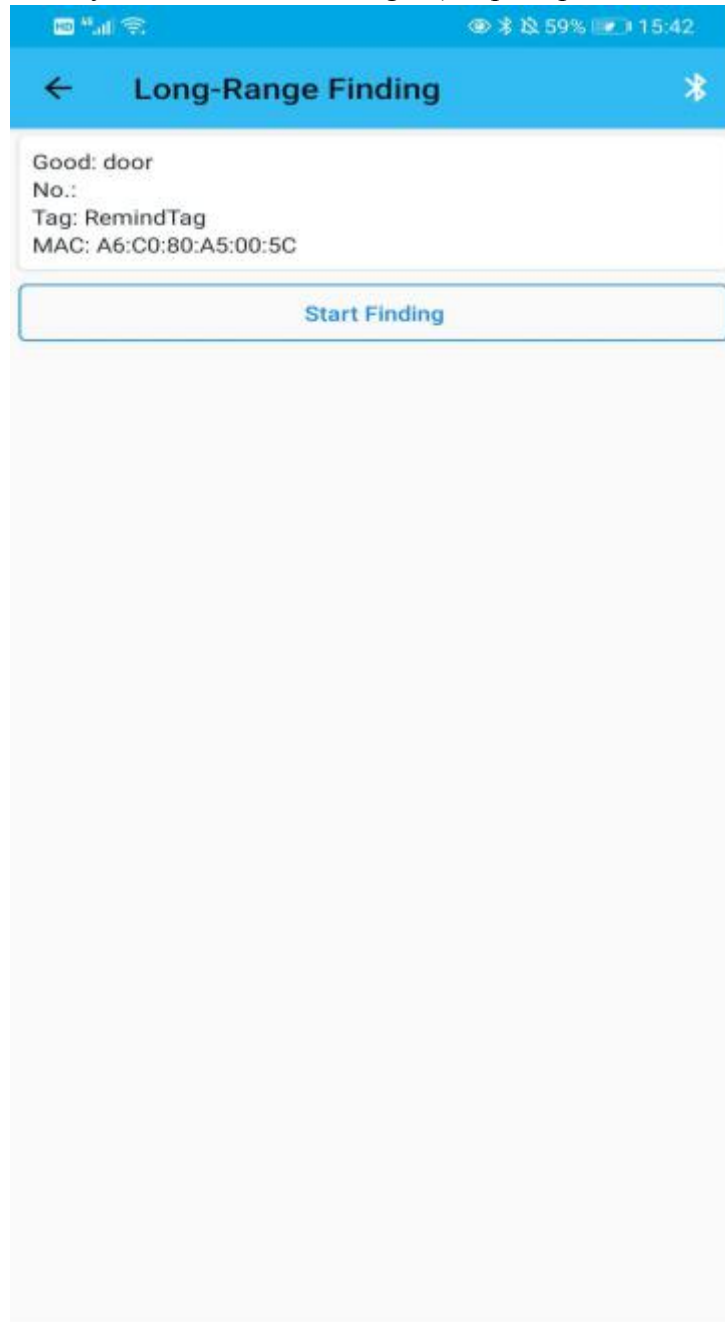
Close-Range Finding:

After selected an item, enter the following interface, the small circle icon in the upper right corner is the status of the item in search (successfully displayed in red, if not found, displayed in gray), then click the "single search" menu successfully, the tag on the item will be corresponding flashing indicator light (the length of the prompt can be changed by 3-20 seconds)



Long-Range searching items:

After selected an item, enter the following interface and click the "Start Searching for Items" menu. The current signal value will be continuously updated as shown in the picture on the right. When the item is facing the right direction, the signal value is relatively large, while on the contrary, the signal value is smaller. The signal value will be greater than -70dbm when it is about 3-8 meters away from the item, and the small Bluetooth icon in the upper right corner will be displayed in red. At this time, the tag on the item will always flash the indicator light (the prompt will end after 3 seconds).



16:10

2.4KB/s      77



Long-Range Finding



Good: Table
No.:
Tag: RemindTag
MAC: A6:C0:80:A5:00:5C

[Stop Finding](#)

Connect tag when the signal value is greater than
-70dBm. The larger the signal value, the closer to
the tag

---Start finding---

Current signal: -62 dBm

---Tag is lighting and beeping---



Tag development test

This function is a test function which specially developed for the customer to facilitate the development of auxiliary tests by customers themselves.

The screenshot shows the BTXW mobile application interface. The status bar at the top indicates 55% battery and 16:17. The app title is BTXW, and the version is 1.2.3. The interface is divided into several sections:

- Lighting**: A button labeled "Lighting" with a "success" status. An annotation "Click to flash" points to this button.
- Beeping**: A button labeled "Beeping" with a "success" status. An annotation "Click sound" points to this button.
- Effective seconds**: A button labeled "Effective seconds" with a value of "5". An annotation "Set the light reminder duration" points to this button.
- Normal Operation**: A section containing a table of system information. An annotation "Function item" points to this section.
- Unlock Functions After Authentication**: A section containing three buttons: "Authenticate", "Adjust Time", and "Set Name", all with "success" status. An annotation "Need to verify first" points to the "Authenticate" button.
- Shut Down Device**: A button labeled "Shut Down Device". An annotation "Software shutdown" points to this button.

Normal Operation	
Get Mac	A6:C0:80:A5:00:5C
Get Version	50203 (10)
Get Power	2994mV 90%
Get Time	2020/12/25 16:16:23
Get Name	table