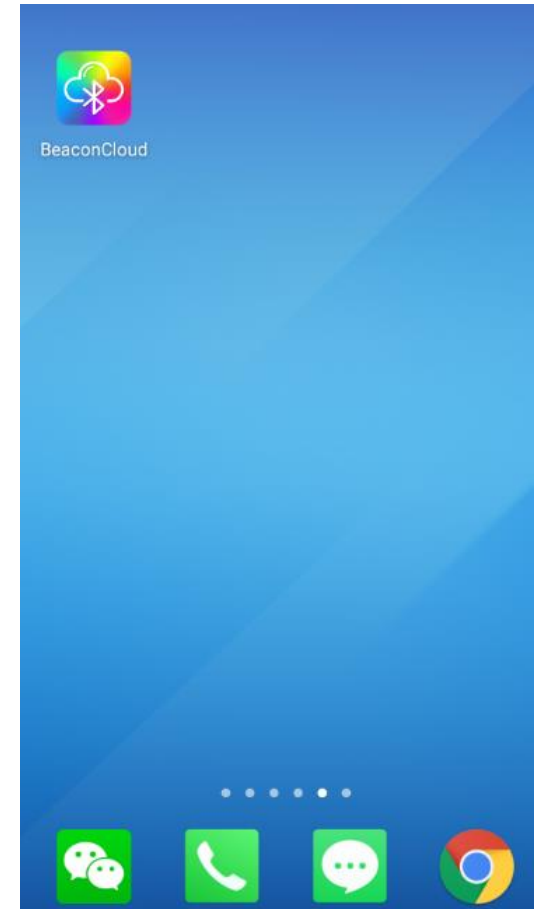


BeaconCloud Platform Guide

Scan the QR code on the right side to download APP “BeaconCloud”

Mobile version requires Android 5.0 or higher, IOS 10.0 or higher

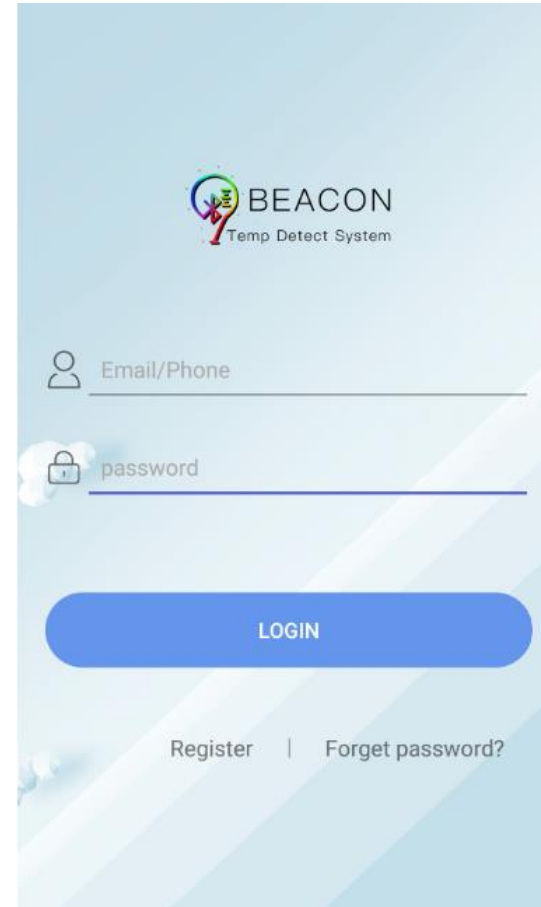


LOGIN

BeaconCloud APP Operation.

New users click the register to complete the registration with a valid email or mobile phone number.

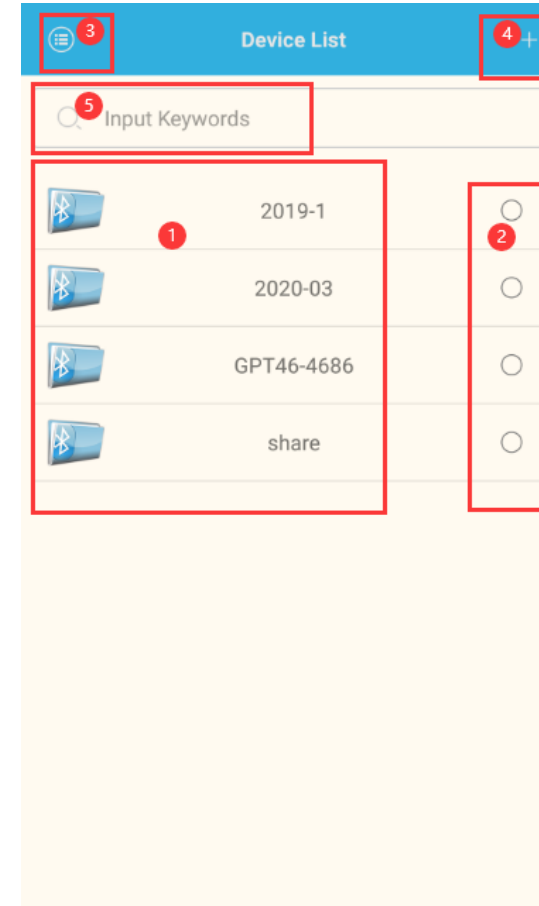
Enter username, password and click "Login"



Device List

Enter your account and login to the device list. As shown on the right

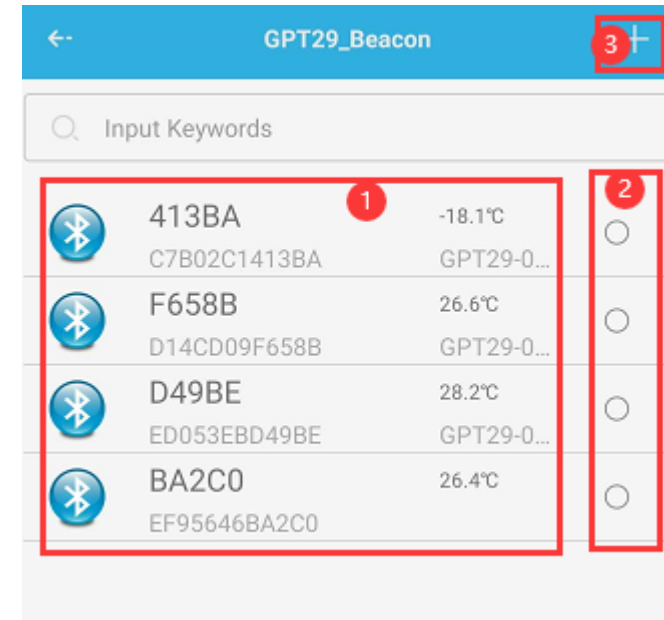
1. Device folder list: The main area, displays all the root folders under the account. The folder name is default as the date when it was created (such as 2019-1). Click the folder to view the devices in the folder.
 2. Folder selection operation area: check box. Select to delete / rename of the devices in this group; also can be moved and shared in batches.
 3. Management area: Peripherals, Temperature unit, Binding management, Change password, Check for updates.
 4. Add: Add folder / add device (only group can be added under the root directory).
 5. Quick Search: Enter the MAC or device name to quickly search.
- More details will be introduced following.



1. Device folder list

Click a folder in the folder list and open, you can view the devices details below. For example, the GPT46-4686 folder opened as shown on the right:

- ①. Device list area (there can be folders under the folder, up to 3 levels):
Each device contains: device name (can be changed), MAC address, the latest temperature, Blinding device.
Click the target device to view detailed historical data of the device.
- ②. Device operation area: Check box. select to move / share / rename the device.
- ③. Add device / add folder



Device History Details—as shown

a) Basic information:

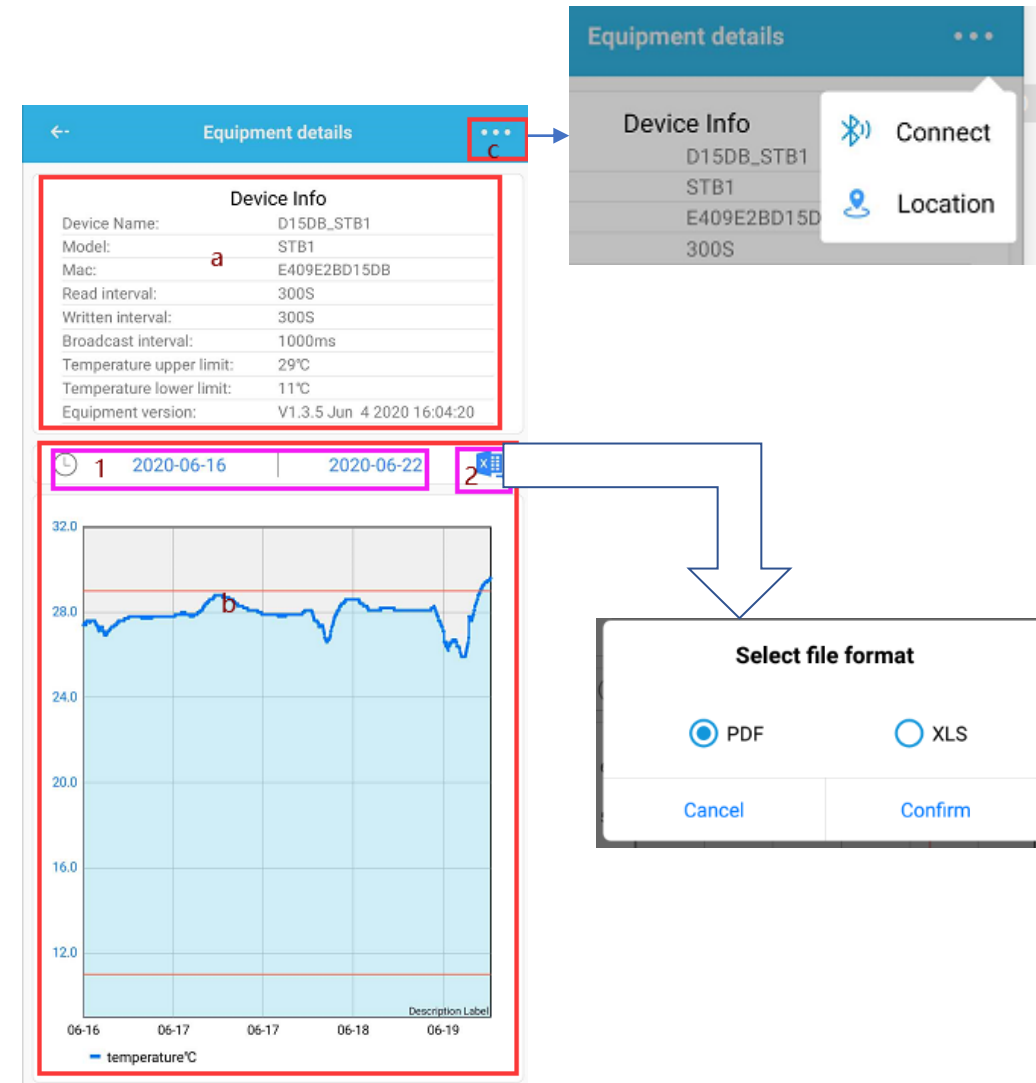
Device basic information : read interval (time intervals of updating broadcasting data for the Beacon) / written interval (time cached to Beacon device Flash) / broadcast interval / temperature alarm upper and lower limits, it can be changed only after device connected.

b) History curve:

1. The data of the lastest week is loaded by default, and the time period can be manually selected (the amount of data for one-time query cannot exceed 8600).
2. Click the table icon to export historical data (PDF / CSV format) to the phone.

c) Connect/Location:

After clicking Connect, the phone Bluetooth will try to scan the device, when it is scanned, the connection will be established. Device parameters can be modified after connection. [The function is equivalent to the introduction on page 12 \(Devices connect\).](#)

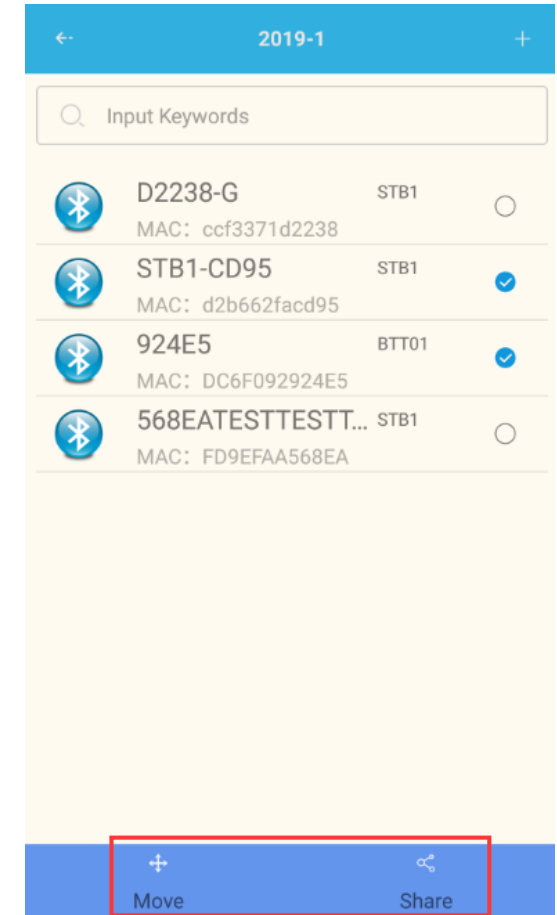
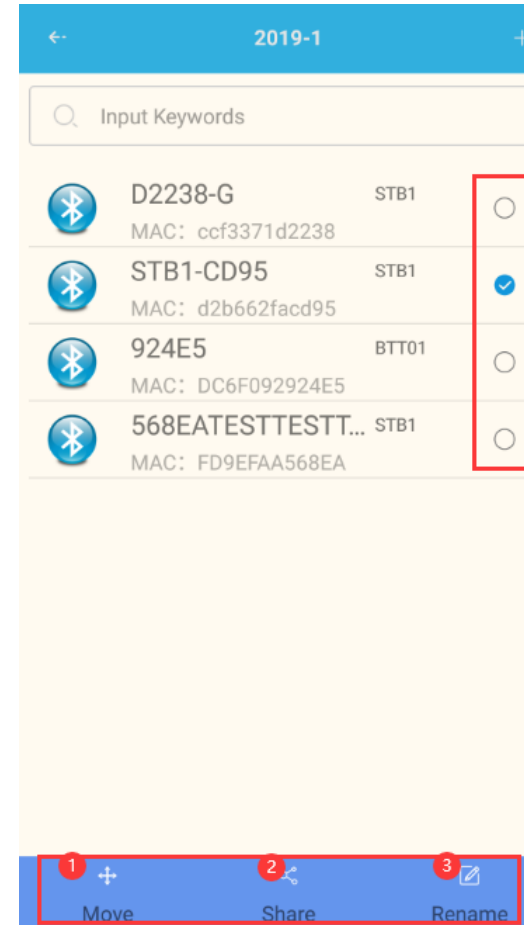
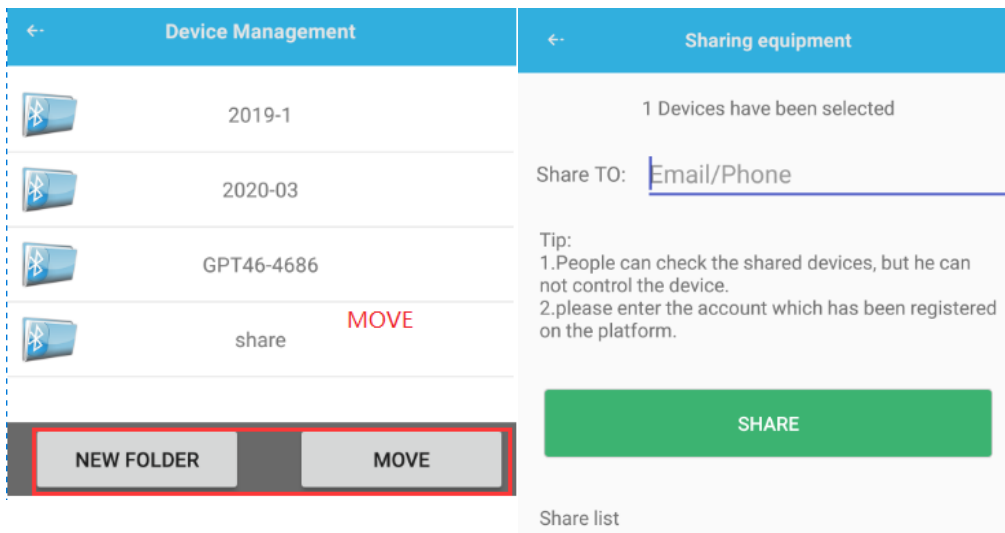


Device operation area --- Edit, Move, and Share

As shown on the right:

Select the device you want to edit (multiple choice is available)

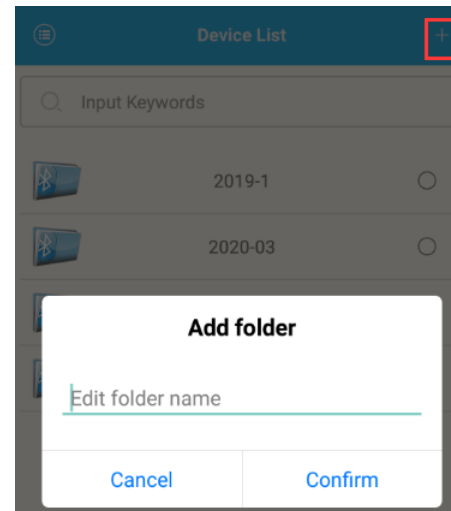
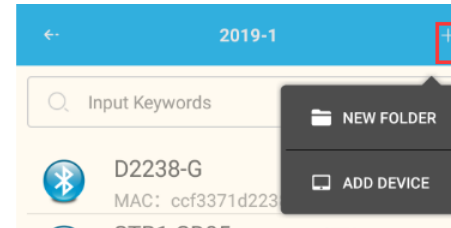
1. Move: Multiple devices can be selected and move to the target folder at the same time (not the root directory).
2. Share: Multiple devices can be selected and shared to the target account at the same time.
3. Rename: The device name cannot exceed 16 characters.



Add Folder/Add Device

1. Add Folder:
Up to 3 levels of folder can be created, folder name cannot exceed 16 characters.
2. Add Device:
The device must be in a folder, devices can't be added directly in the root directory.
3. Add device method: Click the QR code icon in the upper right corner, and scan the QR code label on the device, will fill in the MAC / KEY code automatically. or enter the 12-digit MAC on the device label and the 6-digit KEY (activation code) manually.

Select the target folder name and click Confirm, the device can be added successfully.



2. Folder management operation area

As shown on the right:

Select the folder you want to edit (multiple choice is available)

1. Move: Only devices under the folder can be moved. The folders under the folder and the devices under the secondary folder cannot be moved.

2. Delete: Only empty folders can be deleted.

3. Share: Share the devices under this folder to an existing account. Secondary folders and devices belowed will not be shared.

4. Rename: The folder name cannot exceed 16 characters.

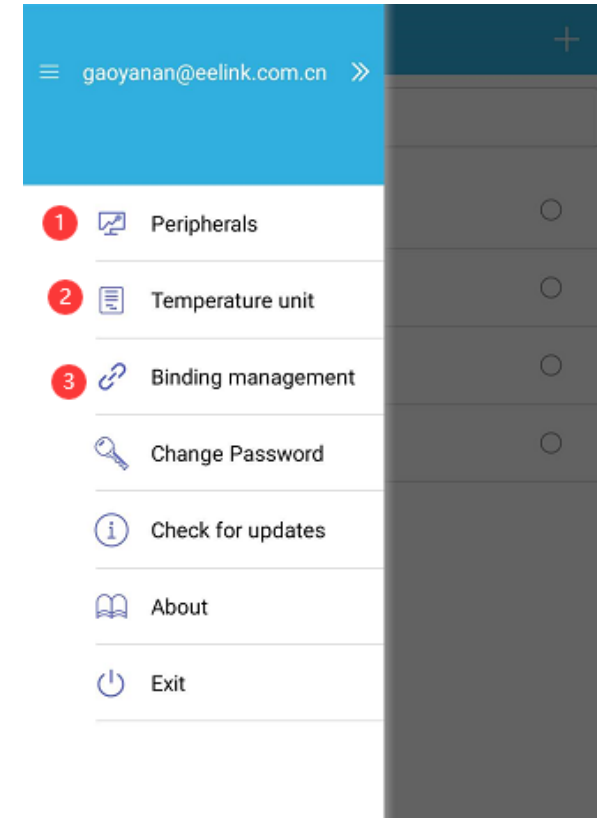
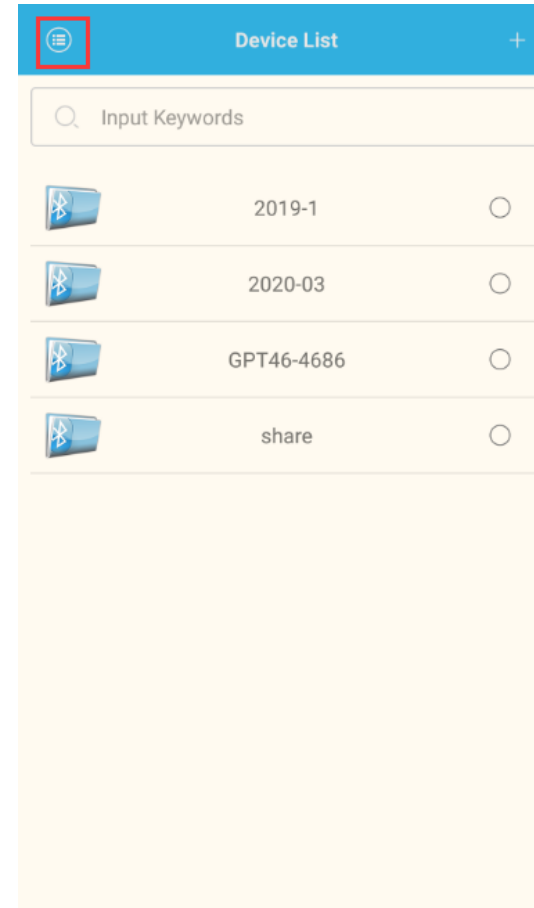


3.Management area

Select the icon in the upper left corner of the device list to enter the device management area, as shown on the right:

It mainly has the following functions:

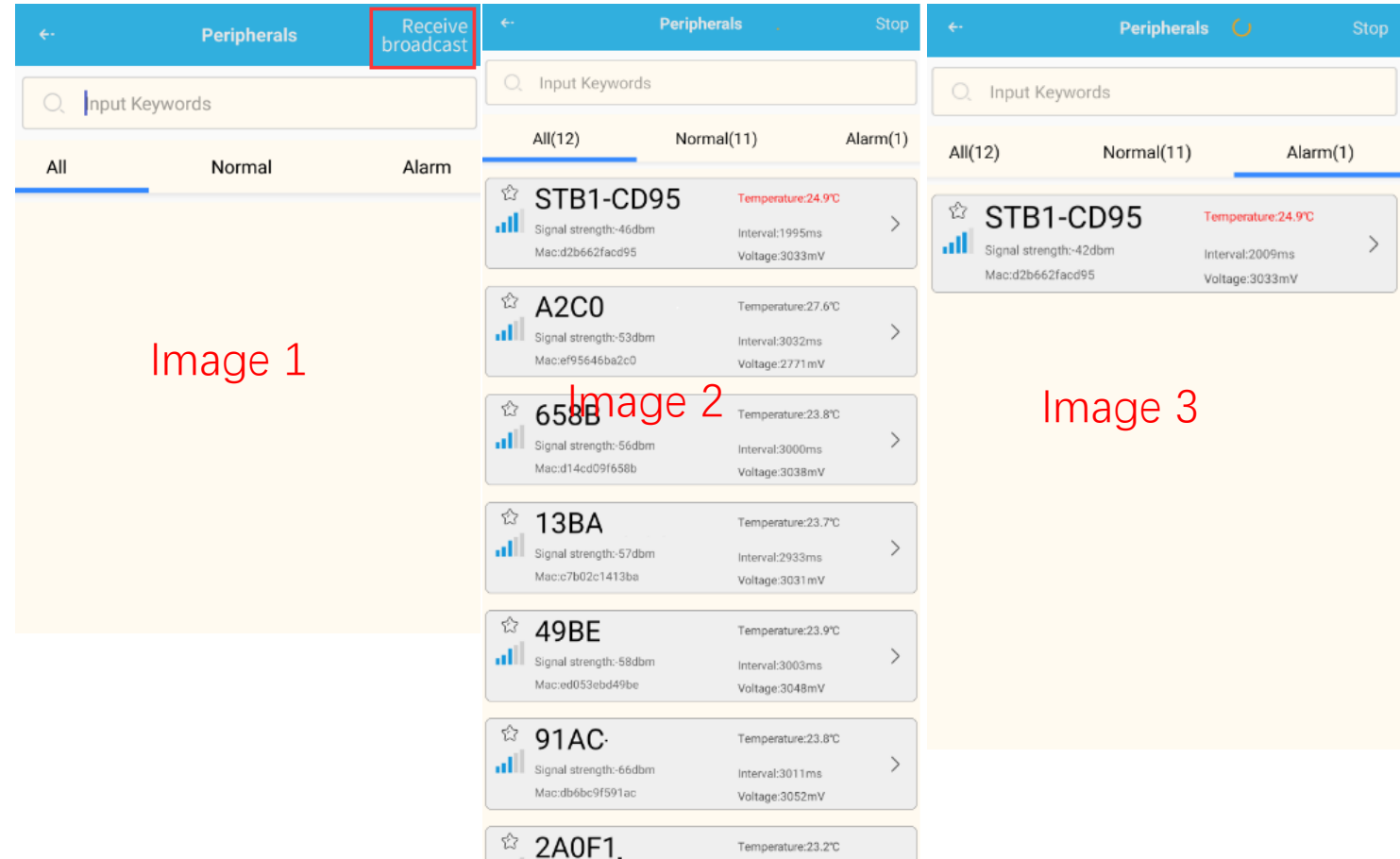
- ① Peripherals:scan the broadcasting beacons under the account, the number of Beacon devices can be scanned out depends on the distance between the mobile phone and the Beacon. You can intuitively view the datas of the broadcasting beacon currently . This will be described in detail in the next chapter.
- ② Temperature unit: Celsius (°C) / Fahrenheit (°F)
- ③ Blinding management
- ④ Change password
- ⑤ Check for updates
- ⑥ About
- ⑦ Exit



① Peripherals

Turn on the phone's Bluetooth and enter the peripherals as Image 1 on the right:

Click to receive broadcast, the mobile phone starts scanning the surrounding devices, and only displays the devices under the account. The scanned devices list is shown in Image 2.



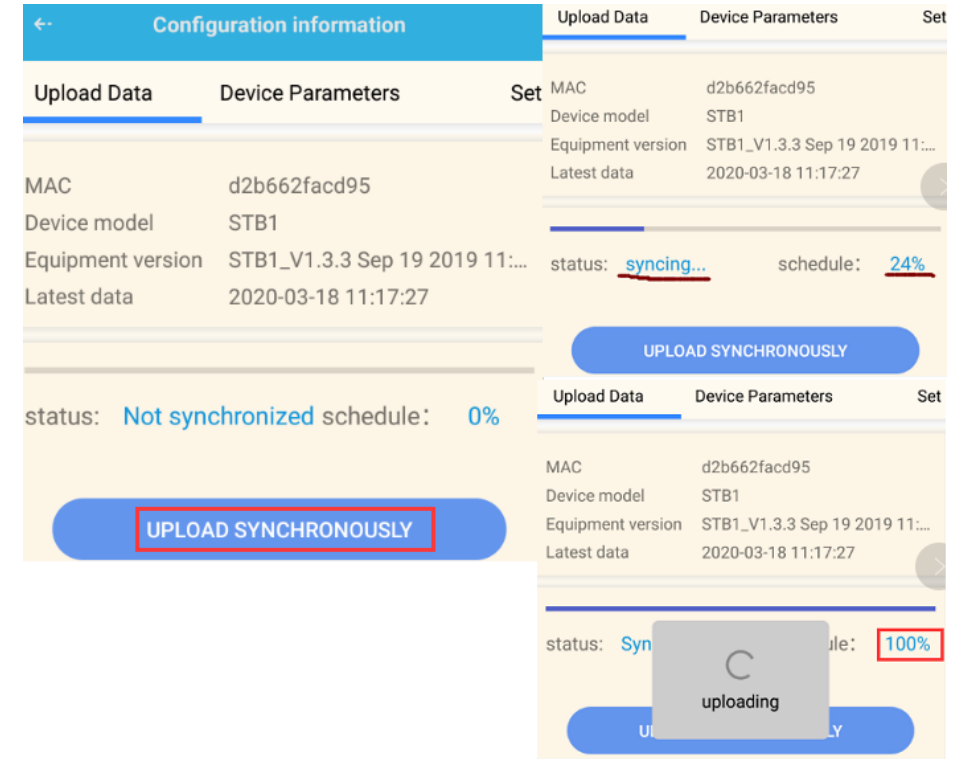
Each device information including:

- Device name: The modification method has been introduced in the previous chapter.
- Signal strength: Depending on the distance between the phone and the device, the closer the distance, the smaller the absolute value.
- Device address: MAC, constant.
- Temperature, voltage: Broadcast data of the device. Data update speed depends on the collection interval of the device (can be changed after device connected).
- Broadcast interval

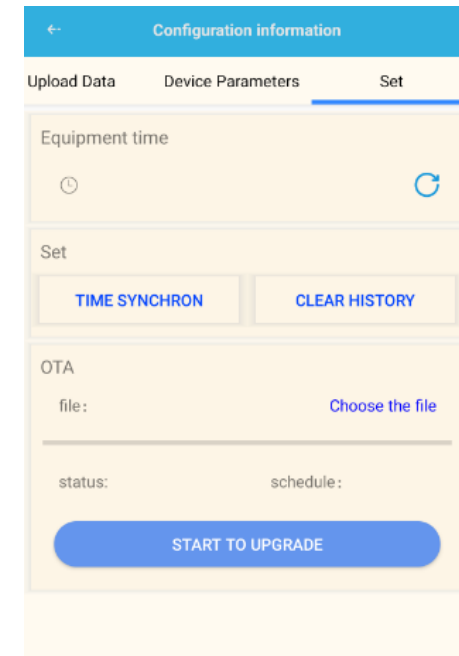
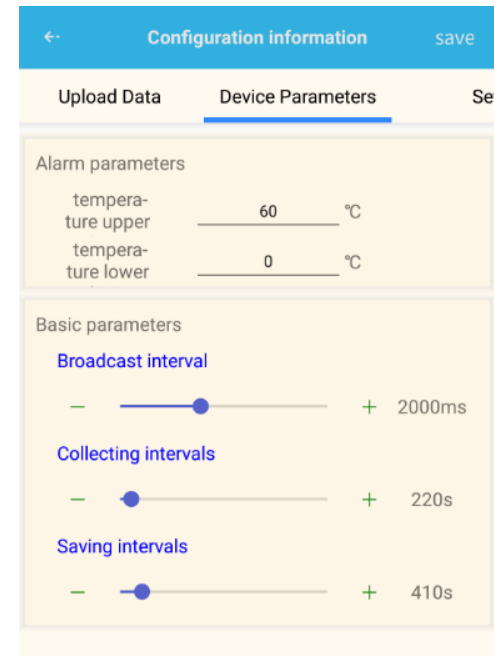
① Peripherals--Device connect

Select the target device from the scanned device list as shown on the right. The mobile phone and the Beacon device are connected via Bluetooth.

- Upload data:the device's basic information and historical data can got after connected. Click Synchronous Upload, and when the progress 100%,the historical data cached in the device will be synchronized to the cloud server. You can view the historical details on the device history details interface.



- Device parameters:
 - Alarm parameters: temperature alarm upper and lower line, Beacon device will flash red when it exceeds the set range.
 - Basic parameters: broadcast interval, collecting interval, storage interval.
- Set:
 - Time Synchrony: Beacon device's timer has a little deviation, you can synchronize the device time with the phone time by time synchrony.
 - Clear History: the data cached by the device will be cleared (the cloud server is not affected) when clear history record, and cannot be retrieved. Please use it with caution.
 - OTA upgrade: Choose the file—Select the right upgrade package from the file management and click to start the upgrade. When the progress bar is 100%, the upgrade is complete, then the device will restart.

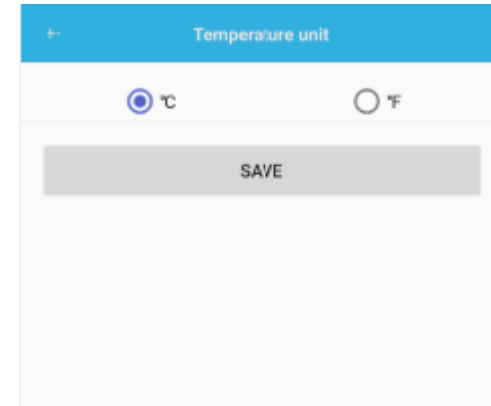


② Temperature unit

Celsius °C

Fahrenheit °F

Under APP, all the temperature units are uniform

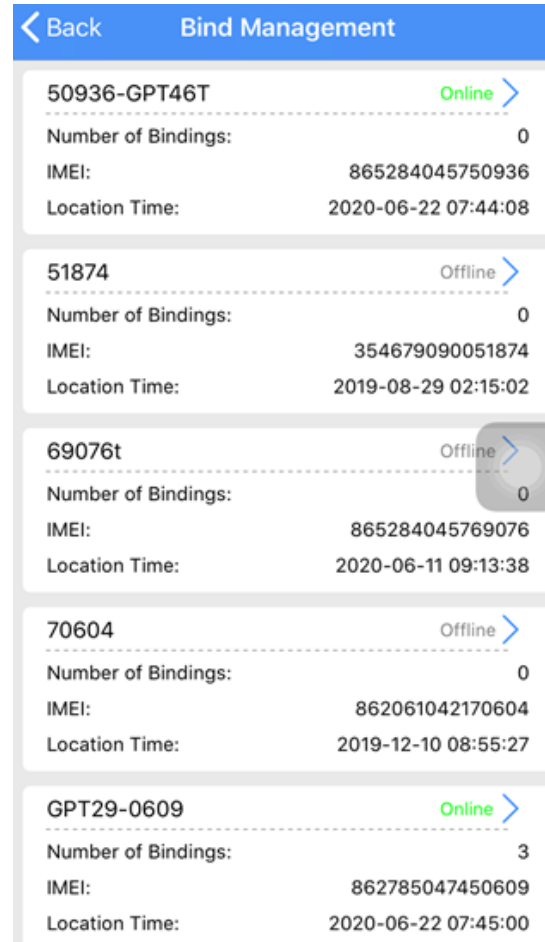


③ Blinding management

Binding device list includes the following information:

- Gateway device name.
- Gateway device status (online/offline).
- Number of Beacon.
- IMEI of the gateway
- Location time (The latest positioning time)

Click on the target device to view the binding details.

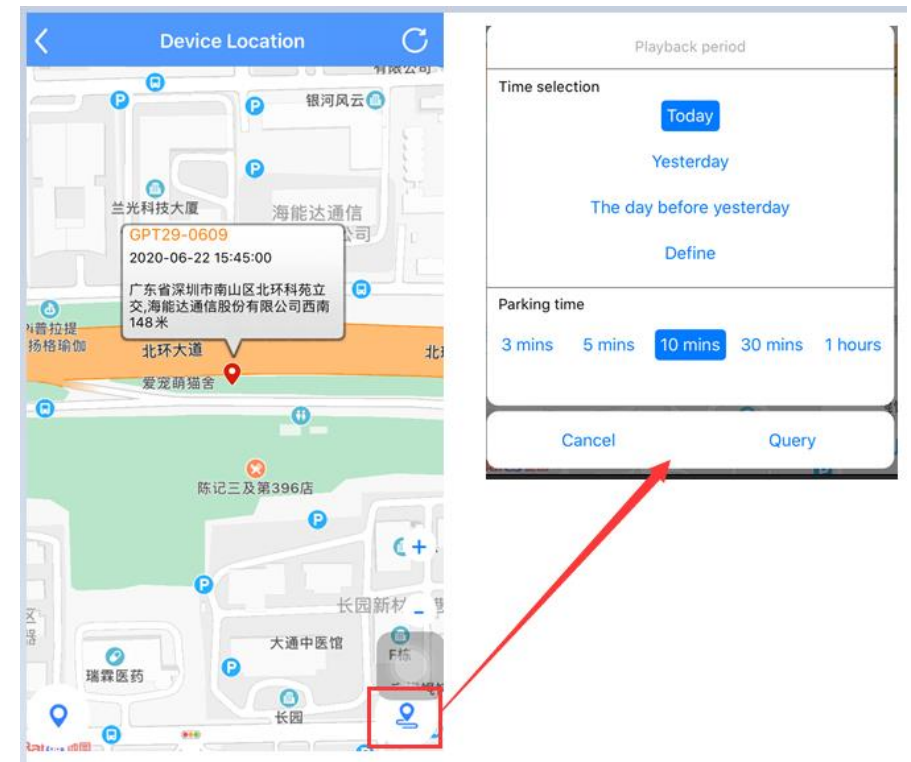
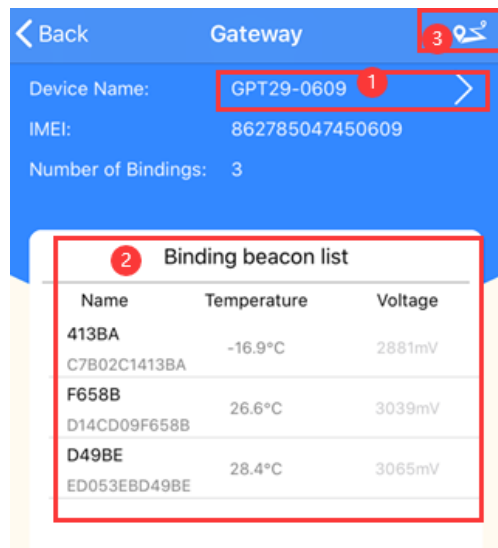


Gateway Device Name	Status	Number of Bindings	IMEI	Location Time
50936-GPT46T	Online	0	865284045750936	2020-06-22 07:44:08
51874	Offline	0	354679090051874	2019-08-29 02:15:02
69076t	Offline	0	865284045769076	2020-06-11 09:13:38
70604	Offline	0	862061042170604	2019-12-10 08:55:27
GPT29-0609	Online	3	862785047450609	2020-06-22 07:45:00

Binding details

See the device binding details interface as shown below:

- ① Device name-editable
- ② Bind beacon list, which contains: beacon device name, MAC address, the latest temperature and voltage data.
- ③ View the positioning data of the gateway and query for the history route of the gateway



END