Paper Vision Application Operational Manual

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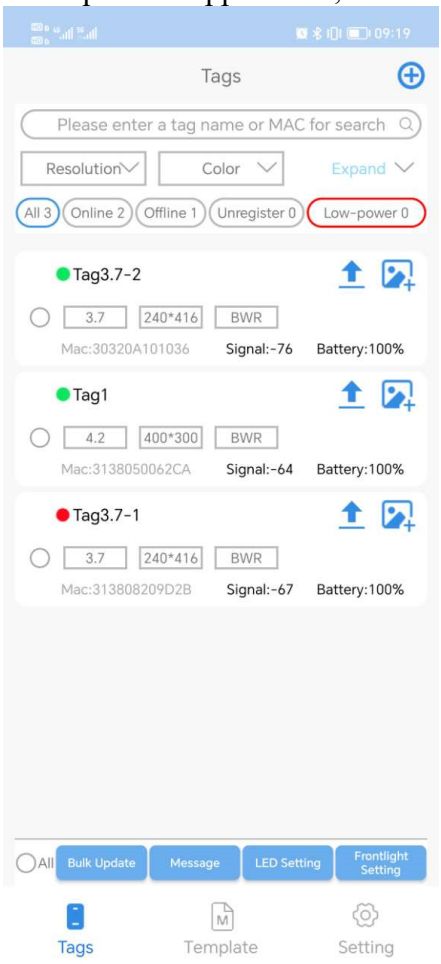
1 Installation and Interface Introduction

Preparation：Android smart phones、Paper Vision Application installation package.

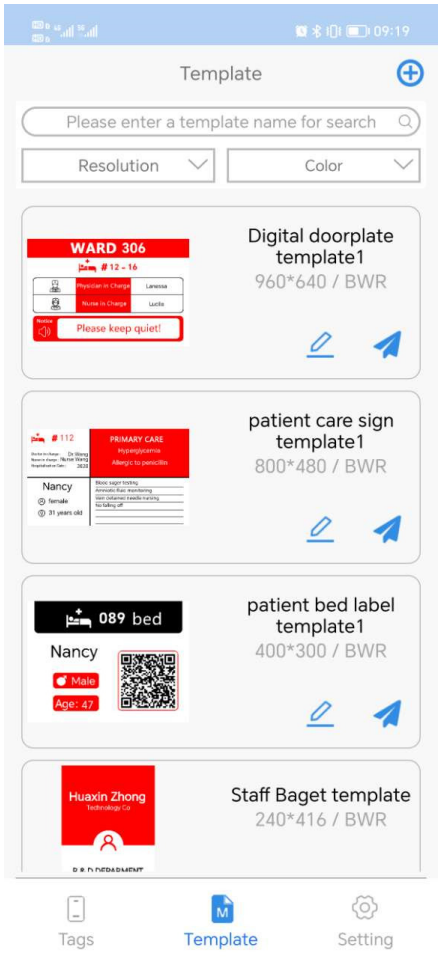
Paper Vision Application installation package download link: http://iot.seekink.cn:8089/apk/papervision.html

After successful installation of the Application, Require permission to open Bluetooth, location, storage, and other prompts.

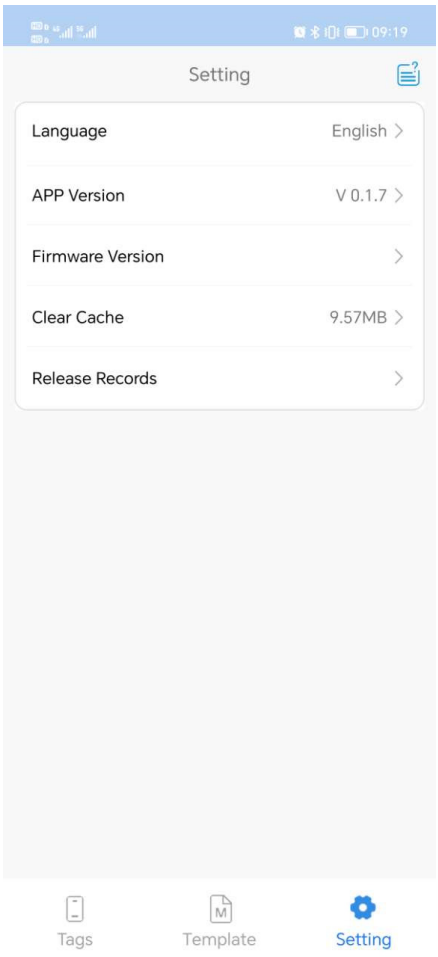
Open the Application, the interface is shown in the following figure:



Tags interface



Template interface



Setting interface

The bottom navigation bar contains the following functions:

Tags：added device tags, including details of tags：number of tags、online（show green dots）/offline（show red dots）、name、tag screen size、resolution、color、MAC address、RSSI、battery energy and so on. Including the operational functions of the tags：add tags、delete tags、update image、bulk update image、firmware upgrade、message send、LED / front light setting and so on。

Template：System default image template and custom template. Including functions：add template、delete template、editor template、search template、update image using template and so on.

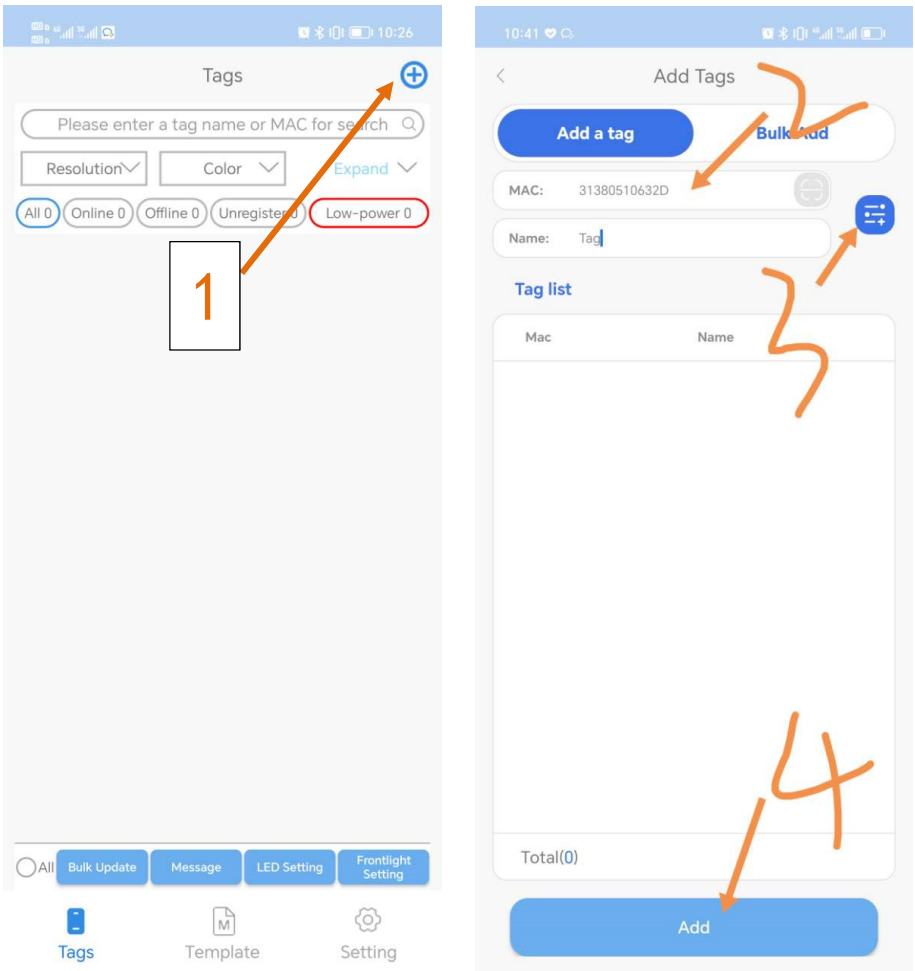
Setting：System setting，including functions：language switch、APP version and upgrade、Tags firmware upgrade、clear cache、release record.

2 Tags

2.1 Add tags

2.1.1 Single addition

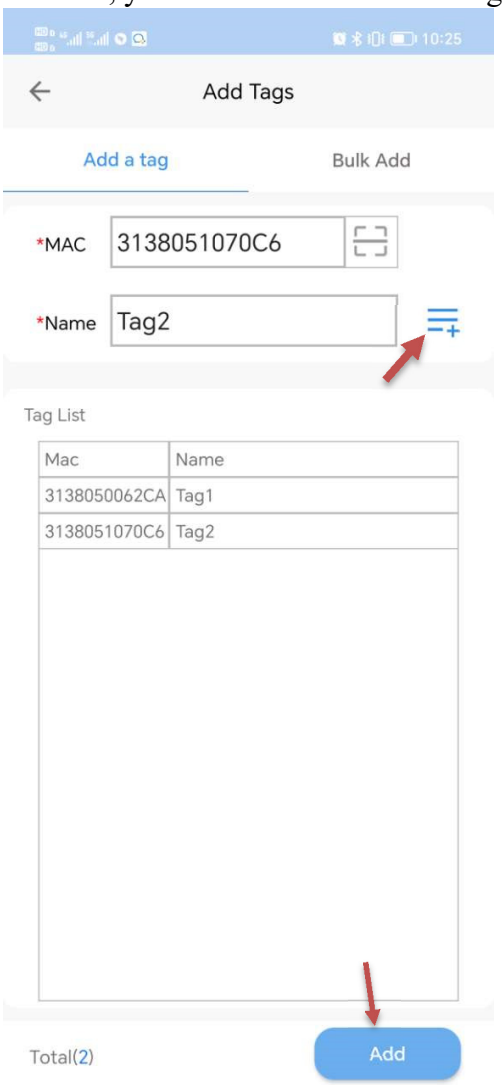
1) Tags interface, click on the icon in the upper right corner to enter the label adding interface:

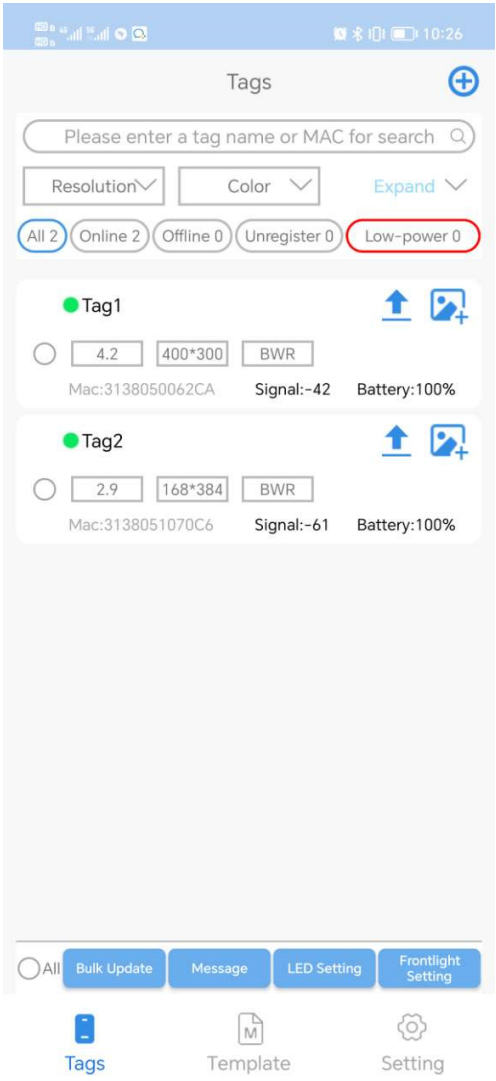


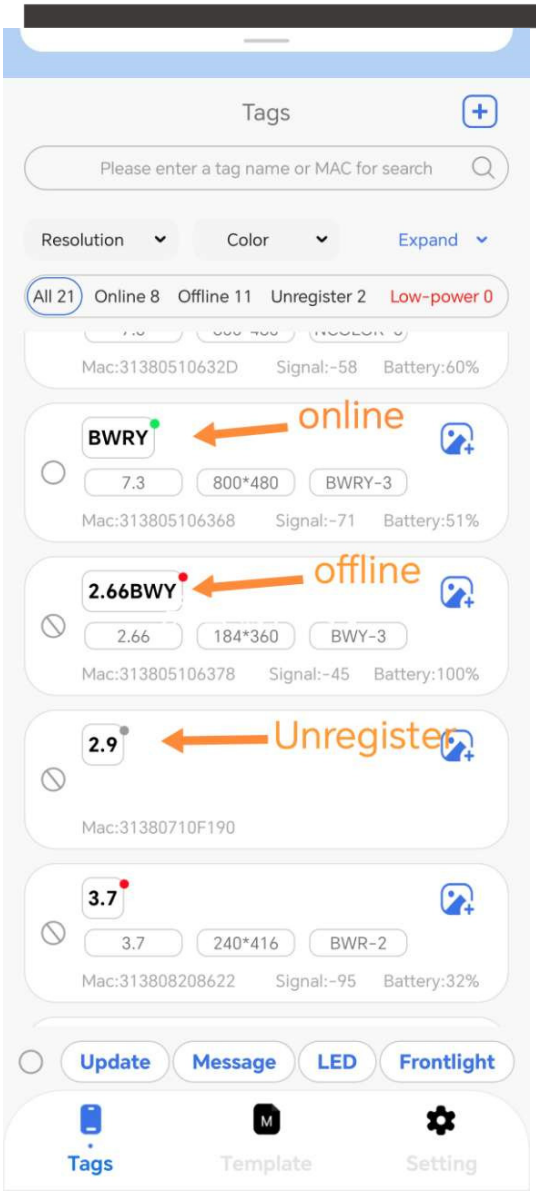
2）*MAC: Scan the code or manually input the MAC address of the tag,
*Name: Input the name of tag,

After completing the above, click on the icon in the right to add tag to Tag List. Add each tag to the Tags List in sequence, and finally click "Add" to complete the tags addition operation. After successful

addition, you can see the details in Tags interface.

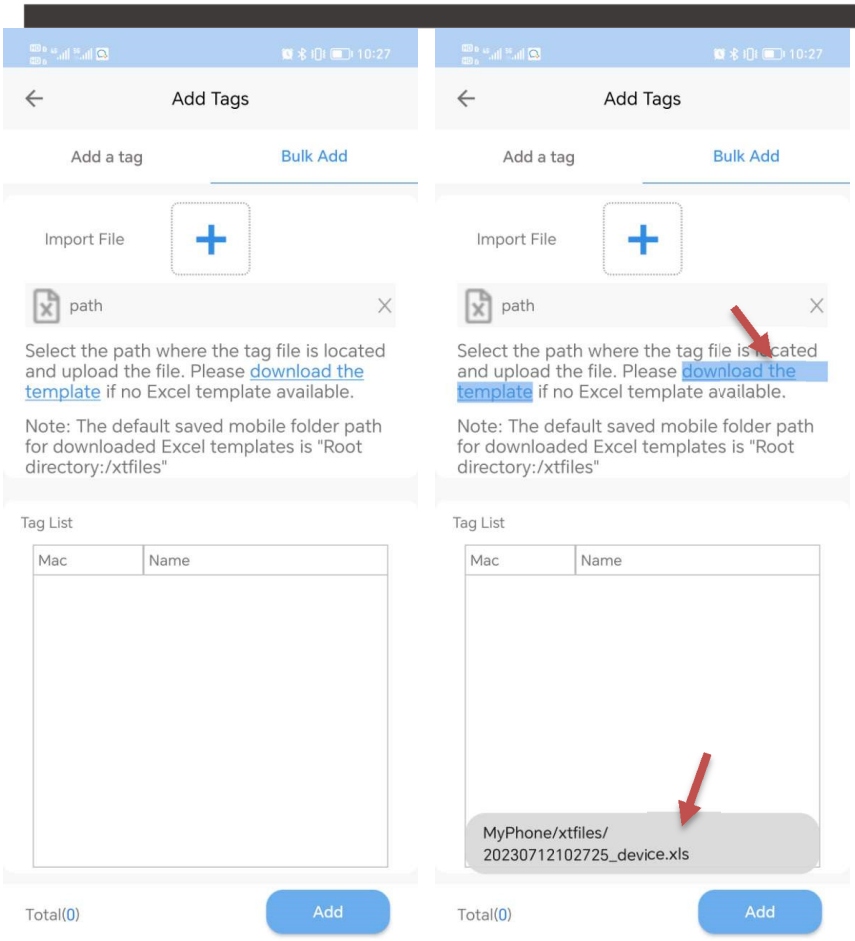




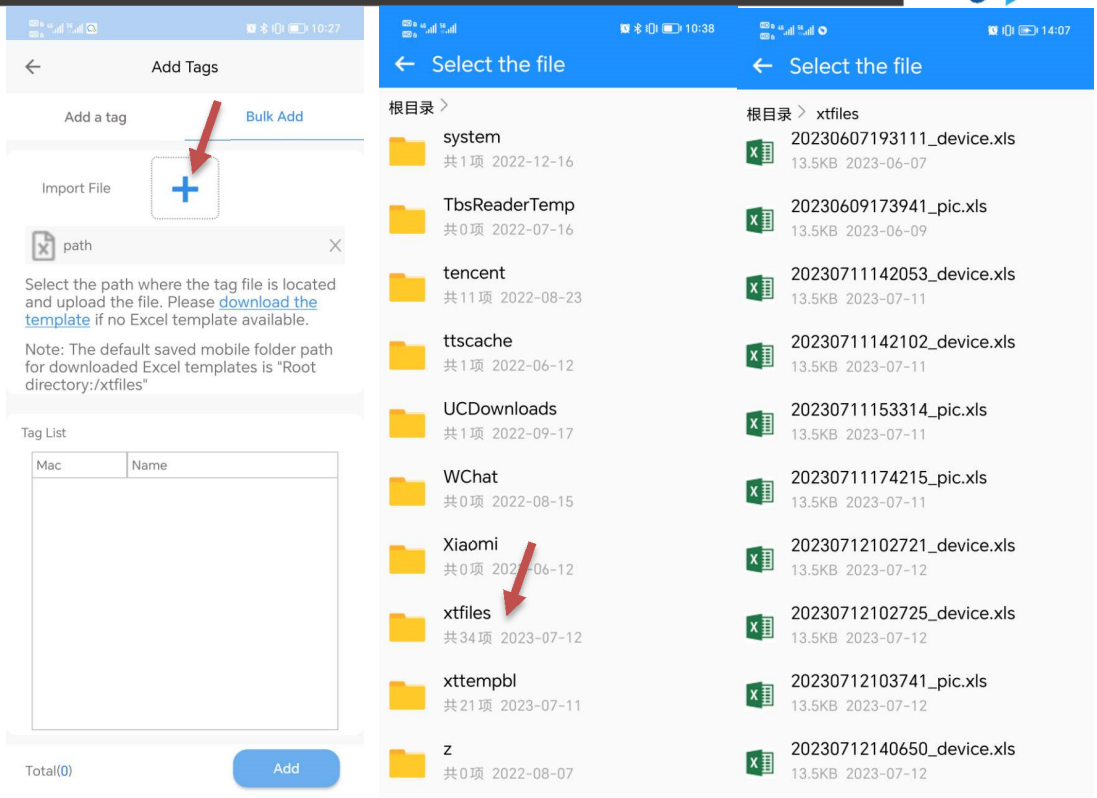


2.1.2 Bulk add

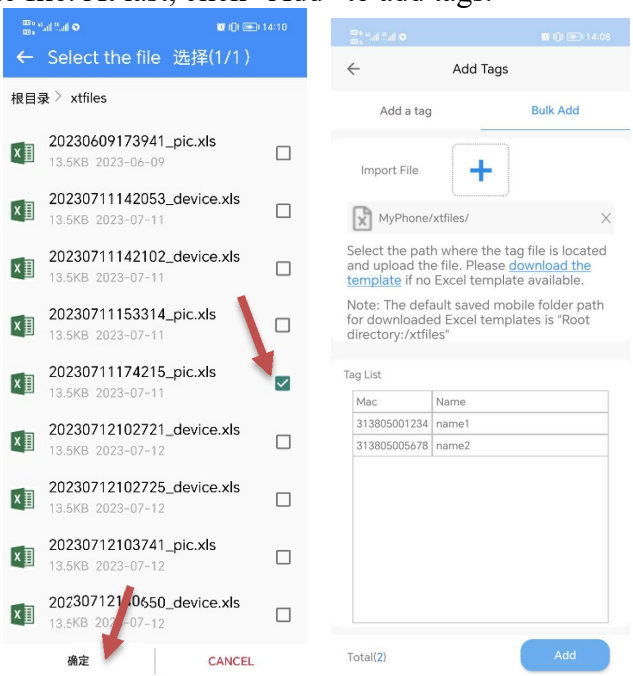
In Tags interface, click on the icon ⊕ in the upper right corner to Add Tags interface, select “Bulk Add”. Click “download the template” to download the template Excel file, and the storage path is: MyPhone/ xtfiles/xxxxxxxxxxxxxx_ devices.xls (“xxxxxxxxxxxxxx” is the time of downloading template file).



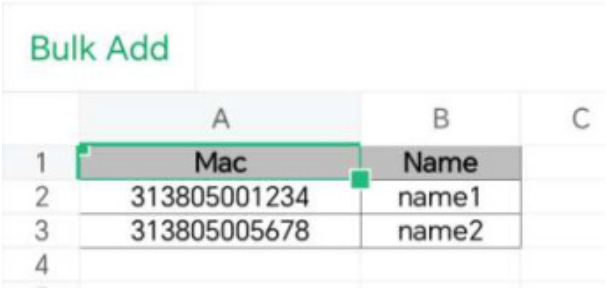
After editing the template content in Excel file, you can click "+" icon to import the template Excel file,



Long press the Excel file that you want to import, and then select the file, and click "OK" to import the template file. At last, click “Add” to add tags.



Excel file content is shown as:



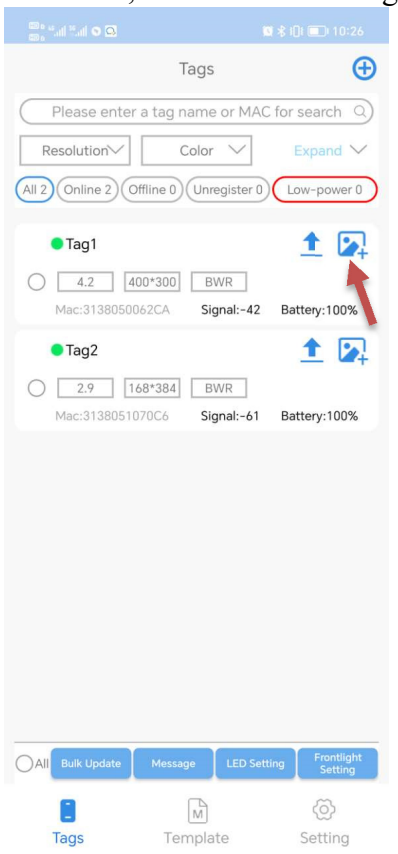
2.1.3 Update tags information

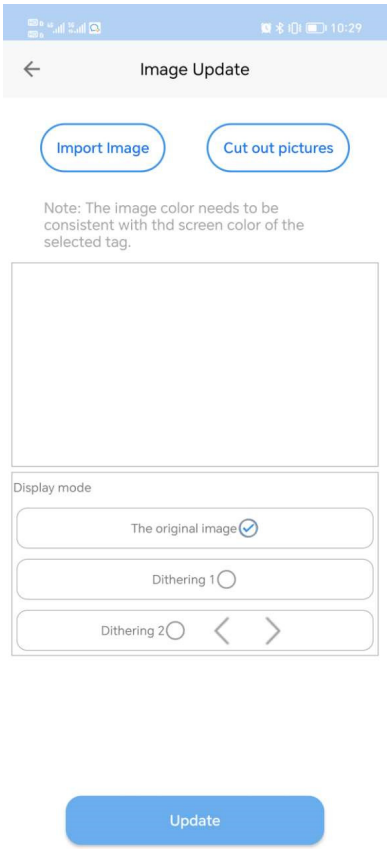
After adding the tags, if the tags list show as grey in the Tags interface, you can dropdown the phone screen to refresh, and the app will display details information about the tags that have been scanned.

2.2 Image Update

2.2.1 Single tag to image update

1）In the Tags interface, select the online tag(show as green dot), click icon to Image Update interface.





2）Click “Import Image”, select the correct image（If the image resolution is incorrect, there will be an error prompt）. And then click “Update”.

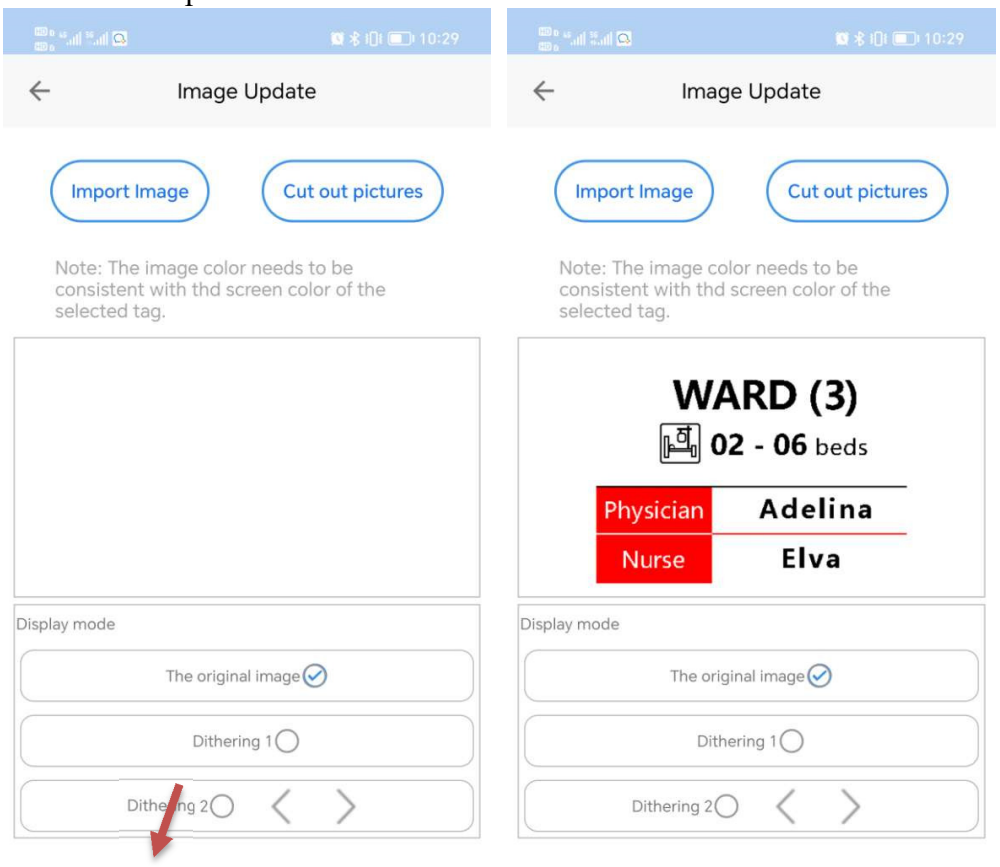
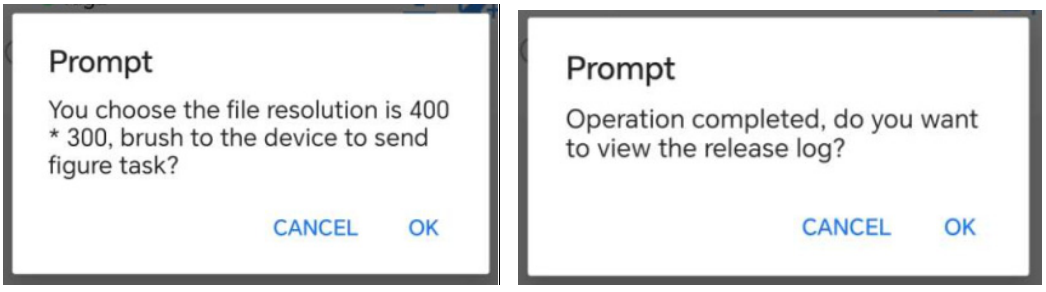


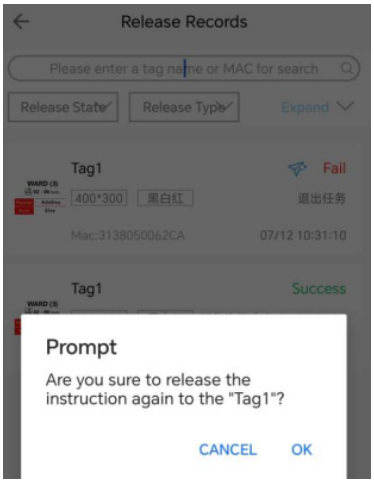
image incorrect　　image correct

3）After clicking “Update”, there will pop up prompt, click “OK” to proceed.



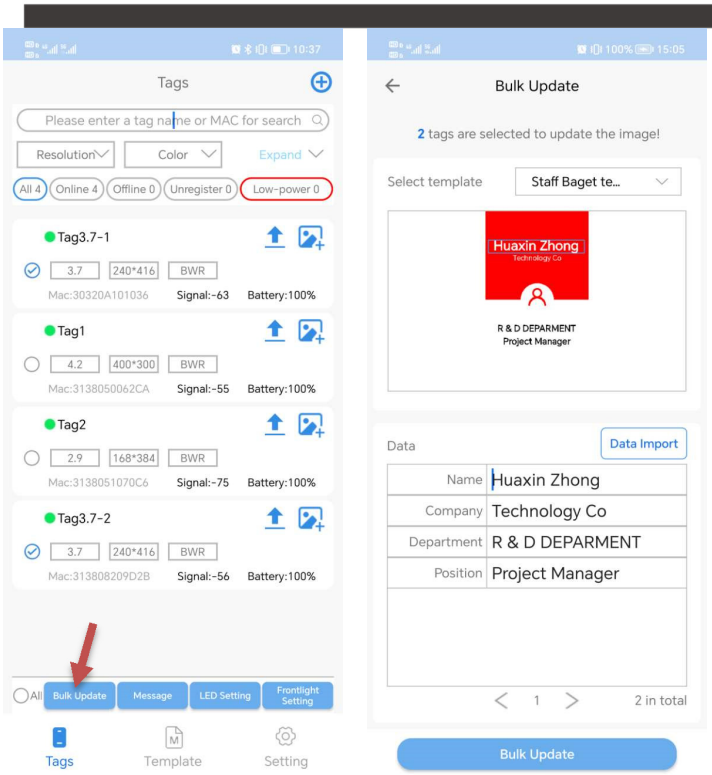
4）Then it will jump to the Release Record interface, if it shows as“Success” that indicates operation is successful.

if it shows as“Fail”, you can click icon to resend the task, there will pop up prompt, click “OK” to proceed.

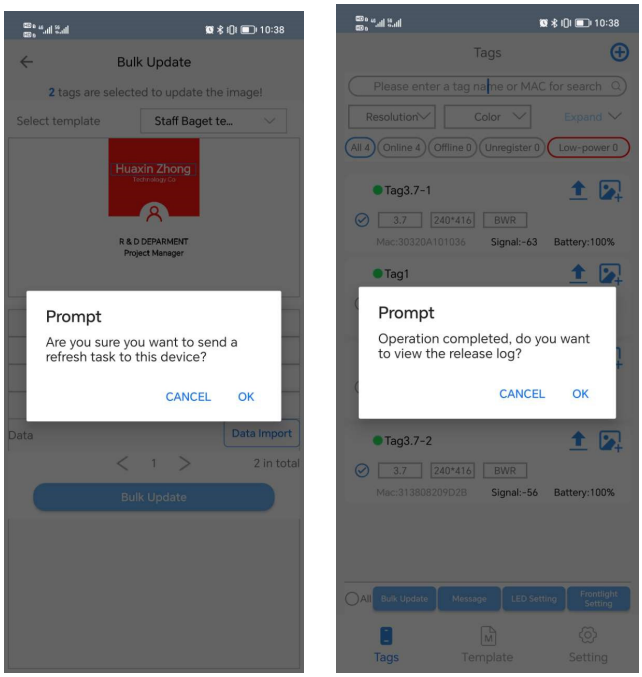


2.2.2 Bulk Update

1）Select the same batch of tags, click on "Bulk Update" to jump to the Bulk Update interface.

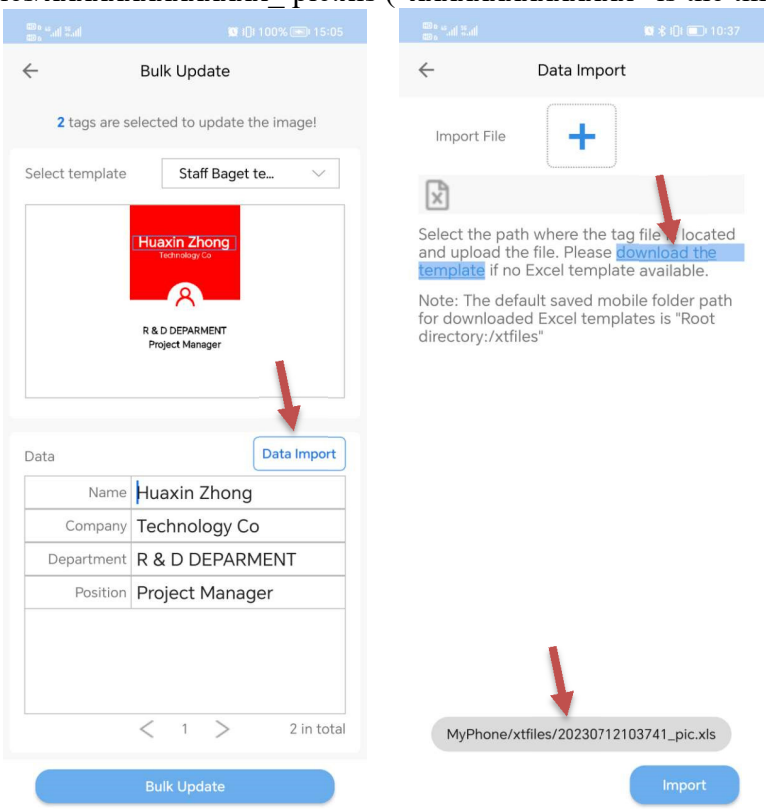


2）Data section，You can edit the content to be displayed if you need. Click “Bulk Update”，there will pop up prompt, click “OK” to proceed. Then it will jump to the Release Record interface, if it shows as“Success” that indicates update image is successful.



Or click “Data Import” -> “+” -> “Import” to import Excel file.

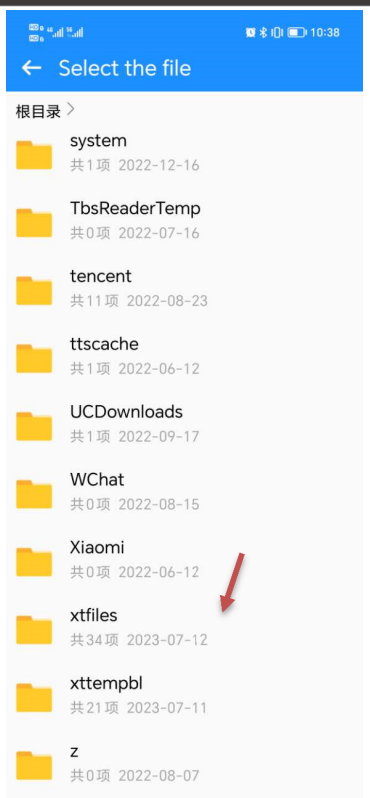
You can download template Excel file by clicking “download the template”. The storage path of file is: MyPhone/ xtfiles/xxxxxxxxxxxxx_ pic.xls (“xxxxxxxxxxxxx” is the time of downloading template file).

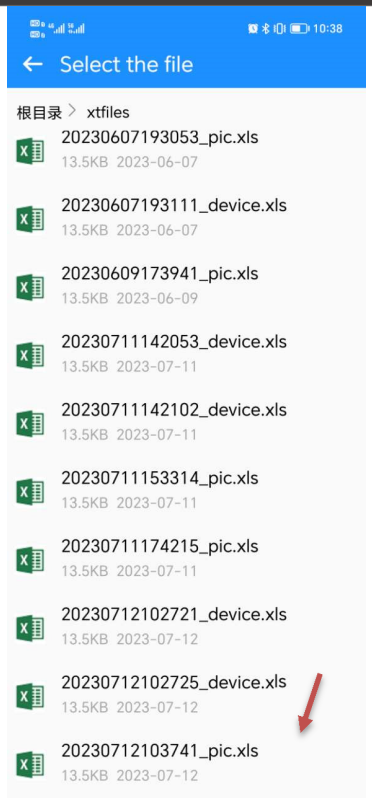


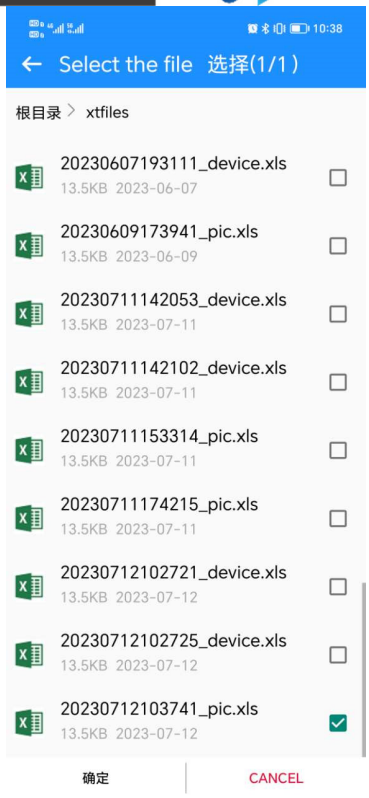
Bulk update template Excel file content is shown as:

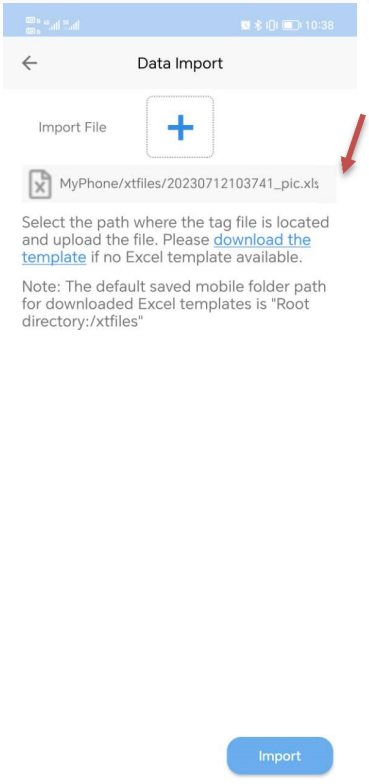
	A	B	C
1		Tag1	Tag2
2	Name	Huaxin Zhong	Huaxin Zhong
3	Company	Technology Co	Technology Co
4	Department	R & D DEPARMENT	R & D DEPARMENT
5	Position	Project Manager	Project Manager

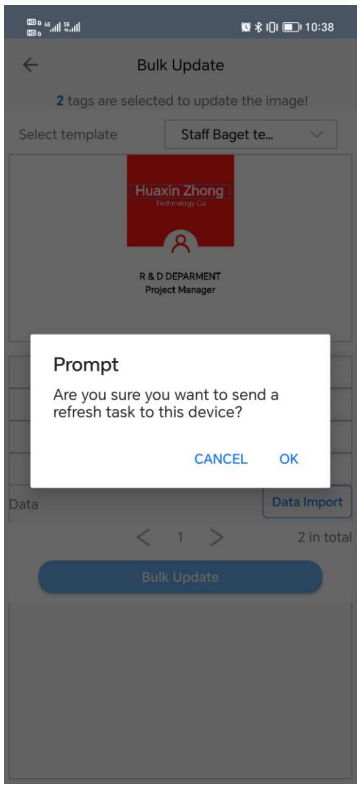
After editing the template content in Excel file, you can click “+” icon to import the template Excel file, Long press the Excel file that you want to import, and then select the file, and click "OK" to import the template file. At last, click “Import” to bulk update image. Then it will jump to the Release Record interface, if it shows as“Success” that indicates update image is successful.

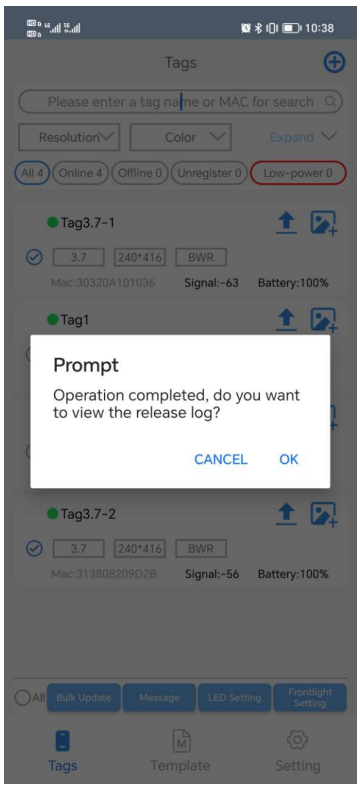

Select the file
根目录 >
system
共1项 2022-12-16
TbsReaderTemp
共0项 2022-07-16
tencent
共11项 2022-08-23
ttscache
共1项 2022-06-12
UCDownloads
共1项 2022-09-17
WChat
共0项 2022-08-15
Xiaomi
共0项 2022-06-12
xtfiles
共34项 2023-07-12
xttempbl
共21项 2023-07-11
z
共0项 2022-08-07


Select the file
根目录 > xtfiles
20230607193053_pic.xls
13.5KB 2023-06-07
20230607193111_device.xls
13.5KB 2023-06-07
20230609173941_pic.xls
13.5KB 2023-06-09
20230711142053_device.xls
13.5KB 2023-07-11
20230711142102_device.xls
13.5KB 2023-07-11
20230711153314_pic.xls
13.5KB 2023-07-11
20230711174215_pic.xls
13.5KB 2023-07-11
20230712102721_device.xls
13.5KB 2023-07-12
20230712102725_device.xls
13.5KB 2023-07-12
20230712103741_pic.xls
13.5KB 2023-07-12


Select the file 选择(1/1)
根目录 > xtfiles
20230607193111_device.xls
13.5KB 2023-06-07
20230609173941_pic.xls
13.5KB 2023-06-09
20230711142053_device.xls
13.5KB 2023-07-11
20230711142102_device.xls
13.5KB 2023-07-11
20230711153314_pic.xls
13.5KB 2023-07-11
20230711174215_pic.xls
13.5KB 2023-07-11
20230712102721_device.xls
13.5KB 2023-07-12
20230712102725_device.xls
13.5KB 2023-07-12
20230712103741_pic.xls
13.5KB 2023-07-12
确定
CANCEL


Data Import
Import File
MyPhone/xtfiles/20230712103741_pic.xls
Select the path where the tag file is located and upload the file. Please download the template if no Excel template available.
Note: The default saved mobile folder path for downloaded Excel templates is "Root directory:/xtfiles"
Import

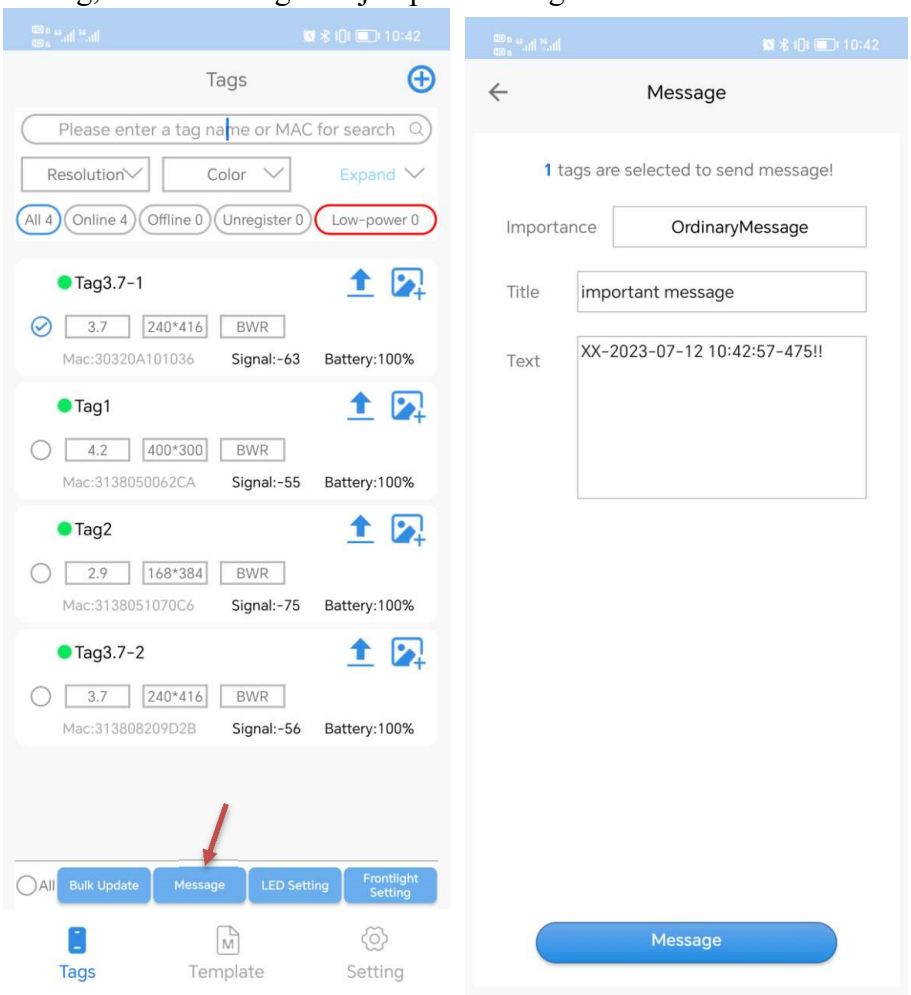

Bulk Update
2 tags are selected to update the image!
Select template
Staff Baget te...
Huaxin Zhong
R & D DEPARMENT
Project Manager
Prompt
Are you sure you want to send a refresh task to this device?
CANCEL
OK
Data
Data Import
1
2 in total
Bulk Update


Tags
Please enter a tag name or MAC for search
Resolution
Color
Expand
All 4
Online 4
Offline 0
Unregister 0
Low-power 0
Tag3.7-1
3.7
240*416
BWR
Mac:30320A101036
Signal:-63
Battery:100%
Tag1
Prompt
Operation completed, do you want to view the release log?
CANCEL
OK
Tag3.7-2
3.7
240*416
BWR
Mac:313808209D2B
Signal:-56
Battery:100%
All
Bulk Update
Message
LED Setting
Frontlight Setting
Tags
Template
Setting

2.3 Message sending

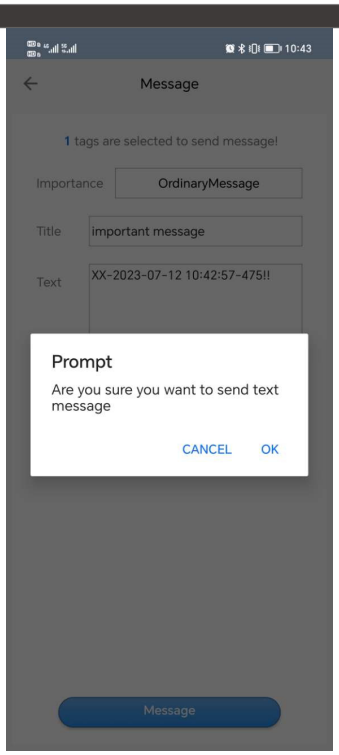
This function is applicable to tags that support message sending, such as T037D - 3.7 inch Bluetooth tags.

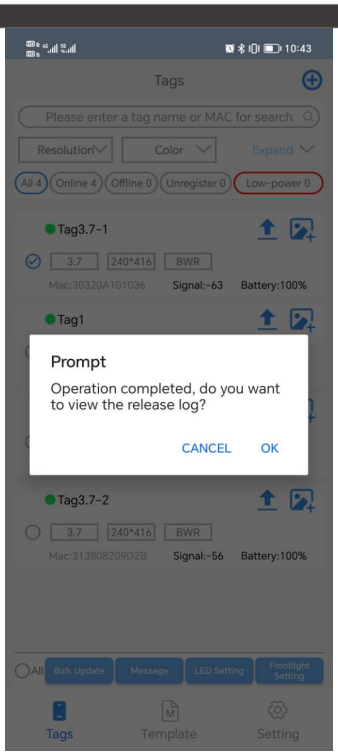
Select tag, click “Message” to jump to Message interface：



Importance：Ordinary Message or Important Message

You can input the message title and text, and then click “Message” button, there will pop up prompt, click “OK” to proceed. Then it will jump to the Release Record interface, if it shows as“Success” that indicates the message sending is successful.

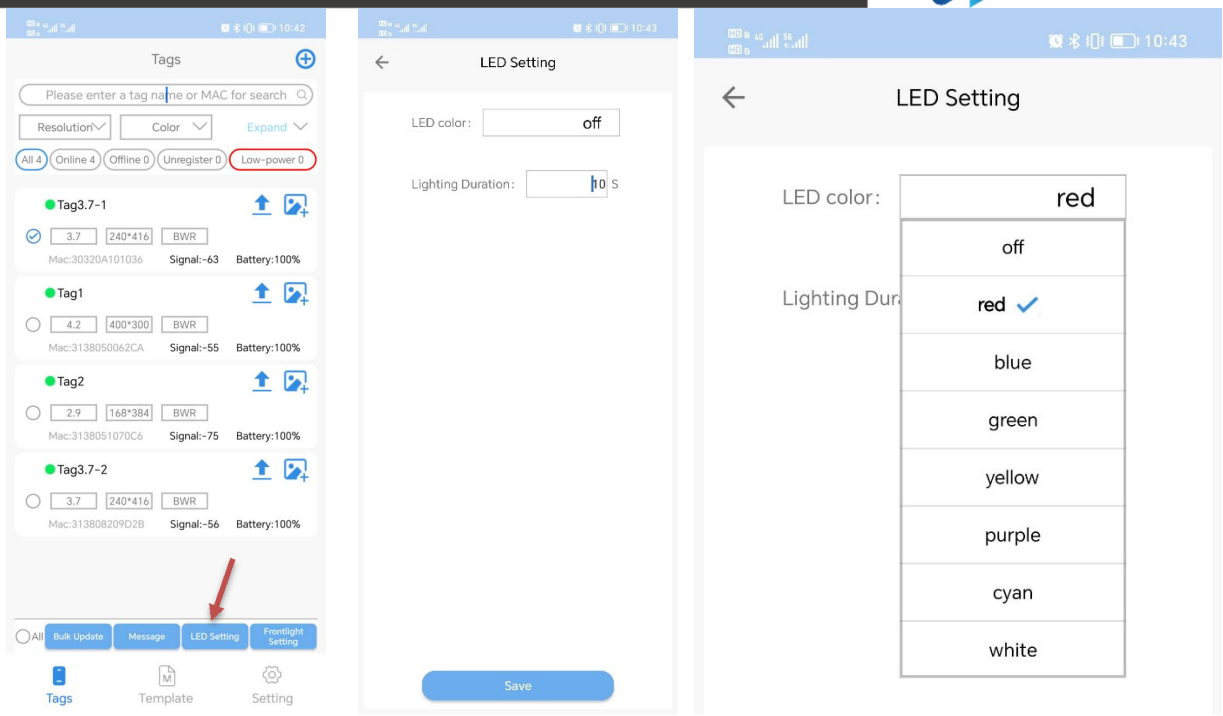




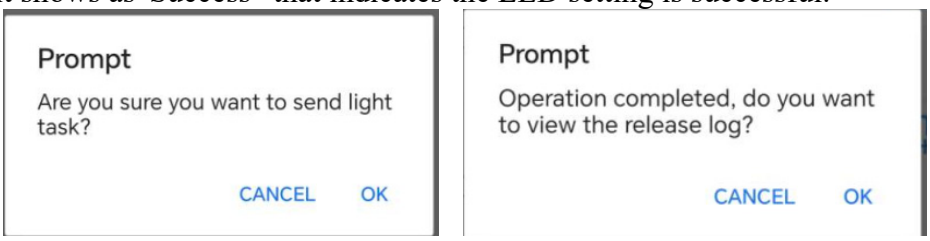
Release Records：

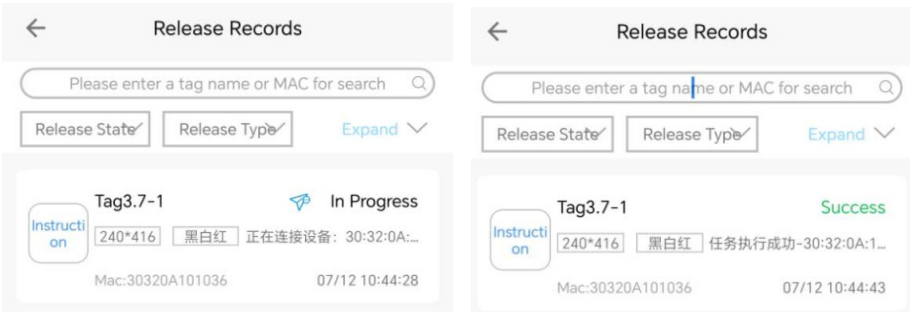
2.4 LED Setting

Select tag, click “LED Setting” to jump to LED Setting interface.
LED color：support off、red、green、blue、yellow、purple、cyan and white；
Lighting Duration：The time of lighting, when you input 0 is default infinite duration
When the color and duration is set, click “Save”.



There will pop up prompt, click “OK” to proceed. Then it will jump to the Release Record interface, if it shows as“Success” that indicates the LED setting is successful.





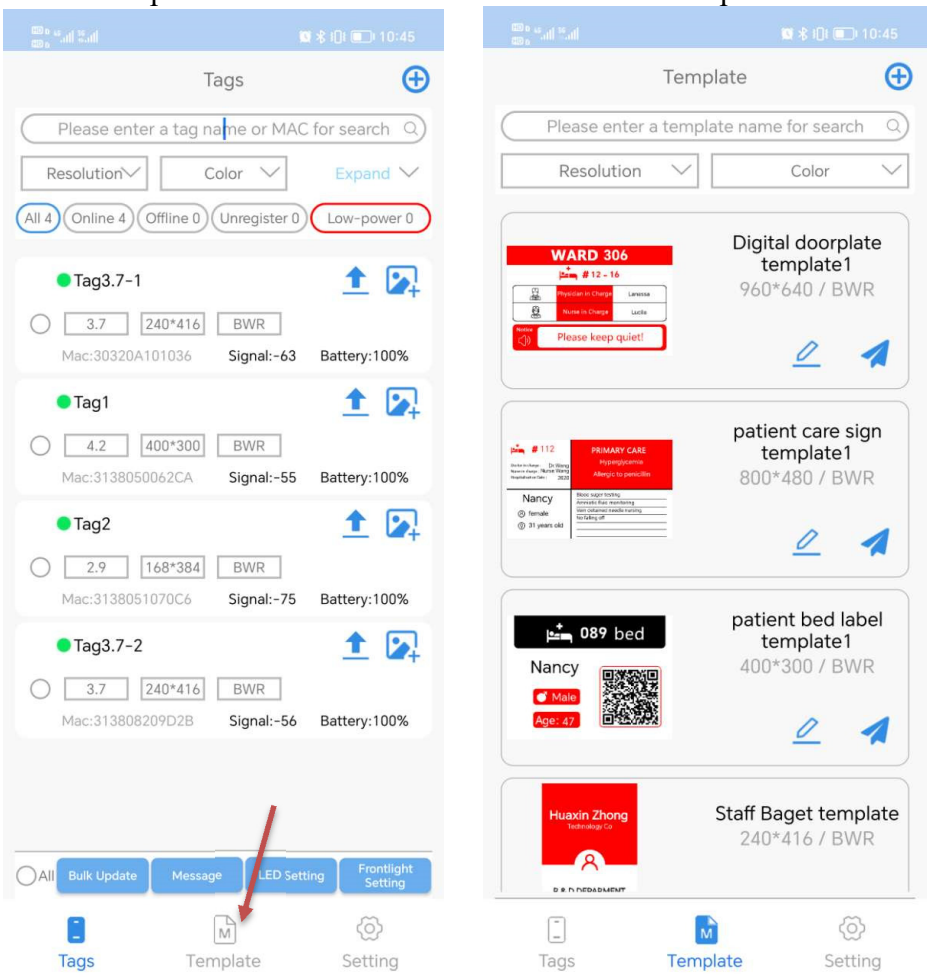
2.5 Front Light Setting

This function is applicable to tags that support front light, such as T075B – 7.5 inch Bluetooth tags.
Select tag, click “Frontlight Setting” to jump to Frontlight Setting interface.
When the mode (turn on or turn off) and duration is set, click “Save”.
There will pop up prompt, click “OK” to proceed. Then it will jump to the Release Record interface,

if it shows as“Success” that indicates the Frontlight Setting is successful.

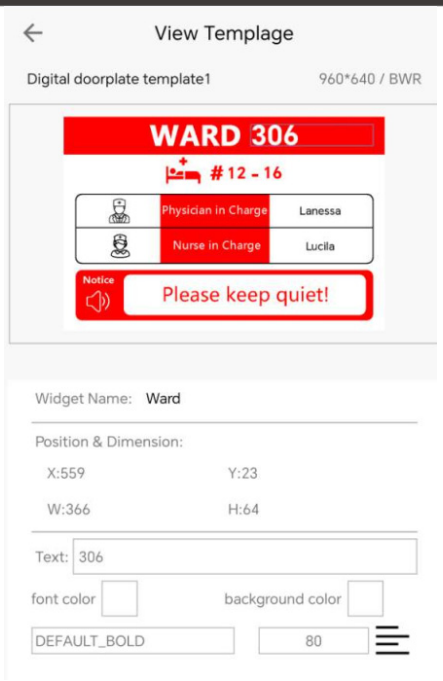
3 Template

Click "Template" in the Home interface to enter the template interface.



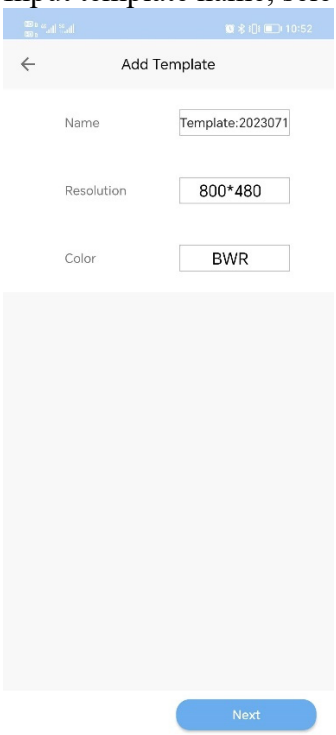
3.1 View Template

In template interface, click on the corresponding image to view the template details：

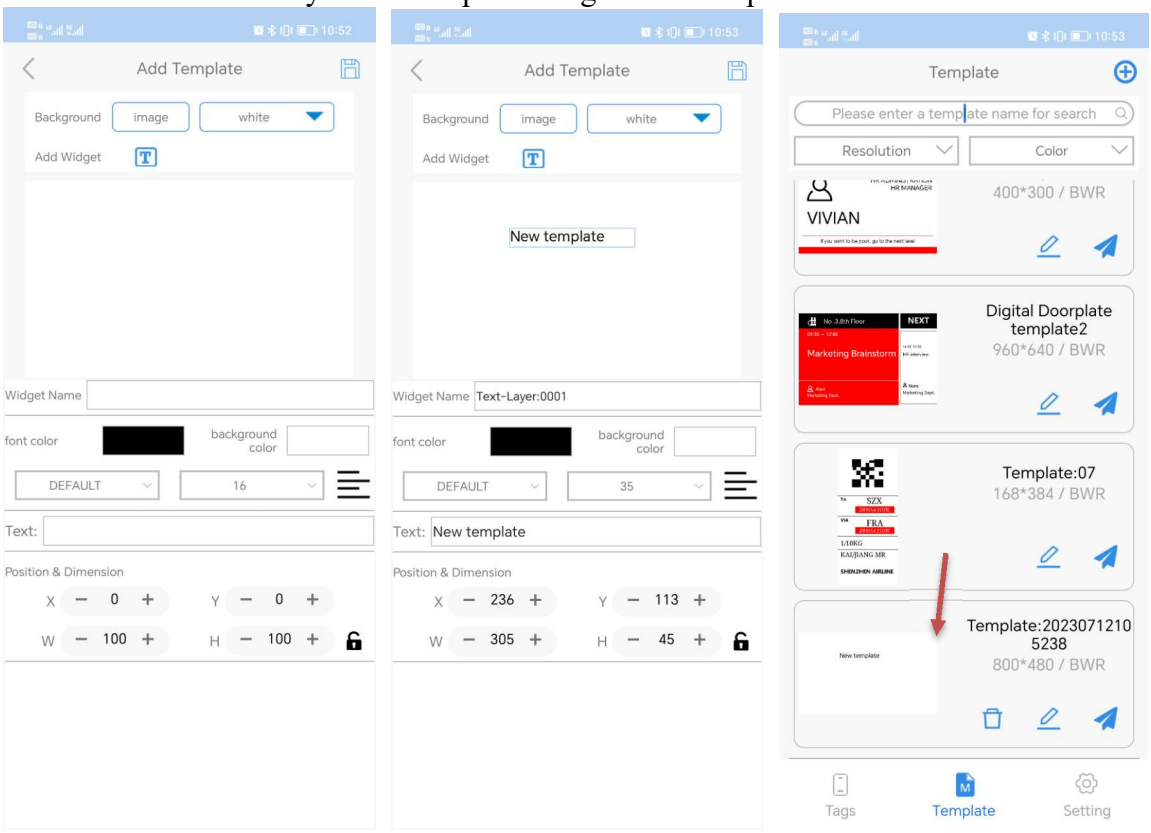


3.2 Add Template

In template interface, click on the ⊕ icon in the upper right corner to jump to Add Template interface. Input template name, select resolution and color, and then click on the “Next” button.



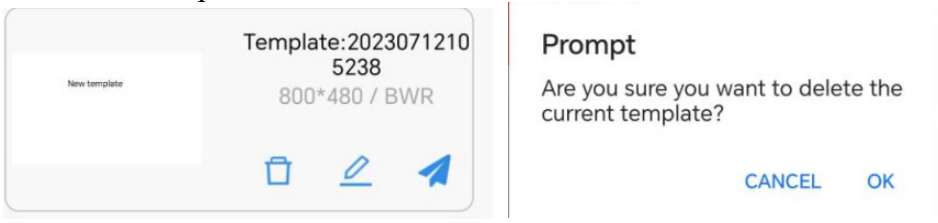
Background：you can select the base image and background color. You can add widget, set widget name, input text content, select font color、size and so on. After editing, click on the icon to see the newly added template image in the template interface.



3.3 Delete Template

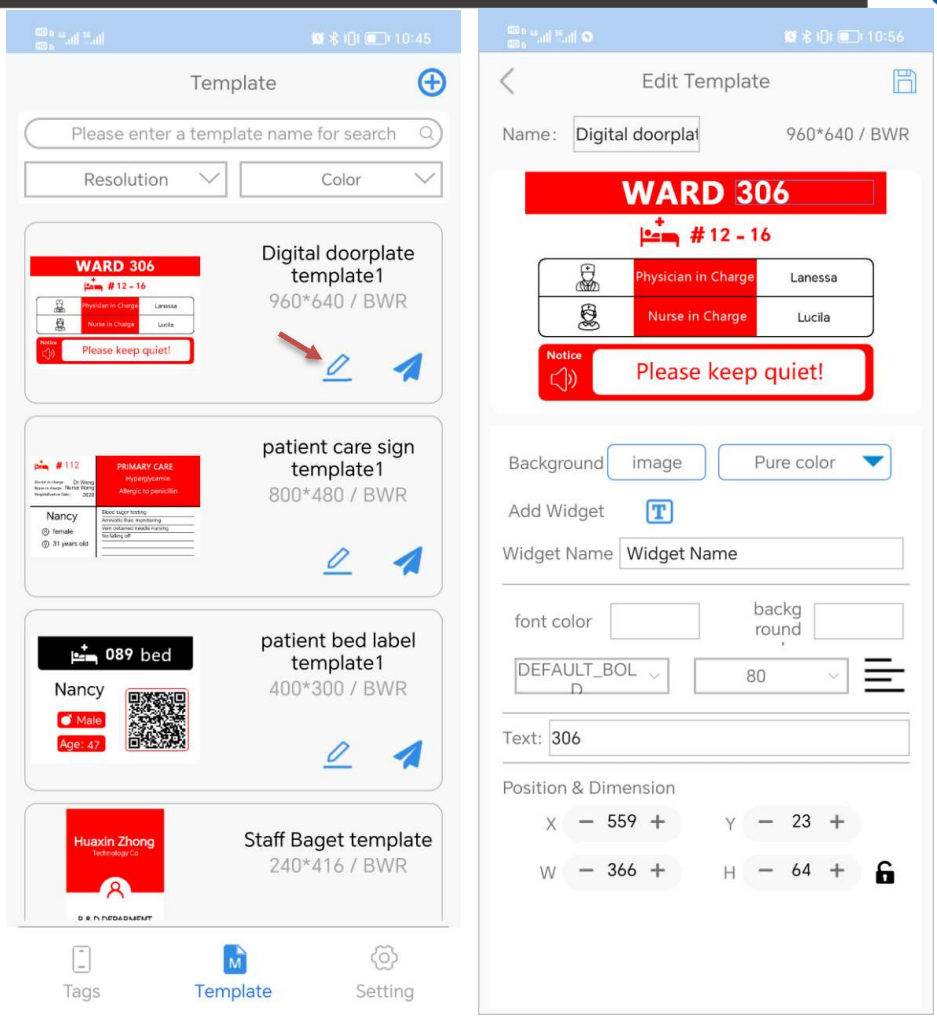
The delete template function is only applicable to newly added templates by users.

Select the template to be deleted, click on the icon , and click “OK” in the pop-up Prompt to delete current template.



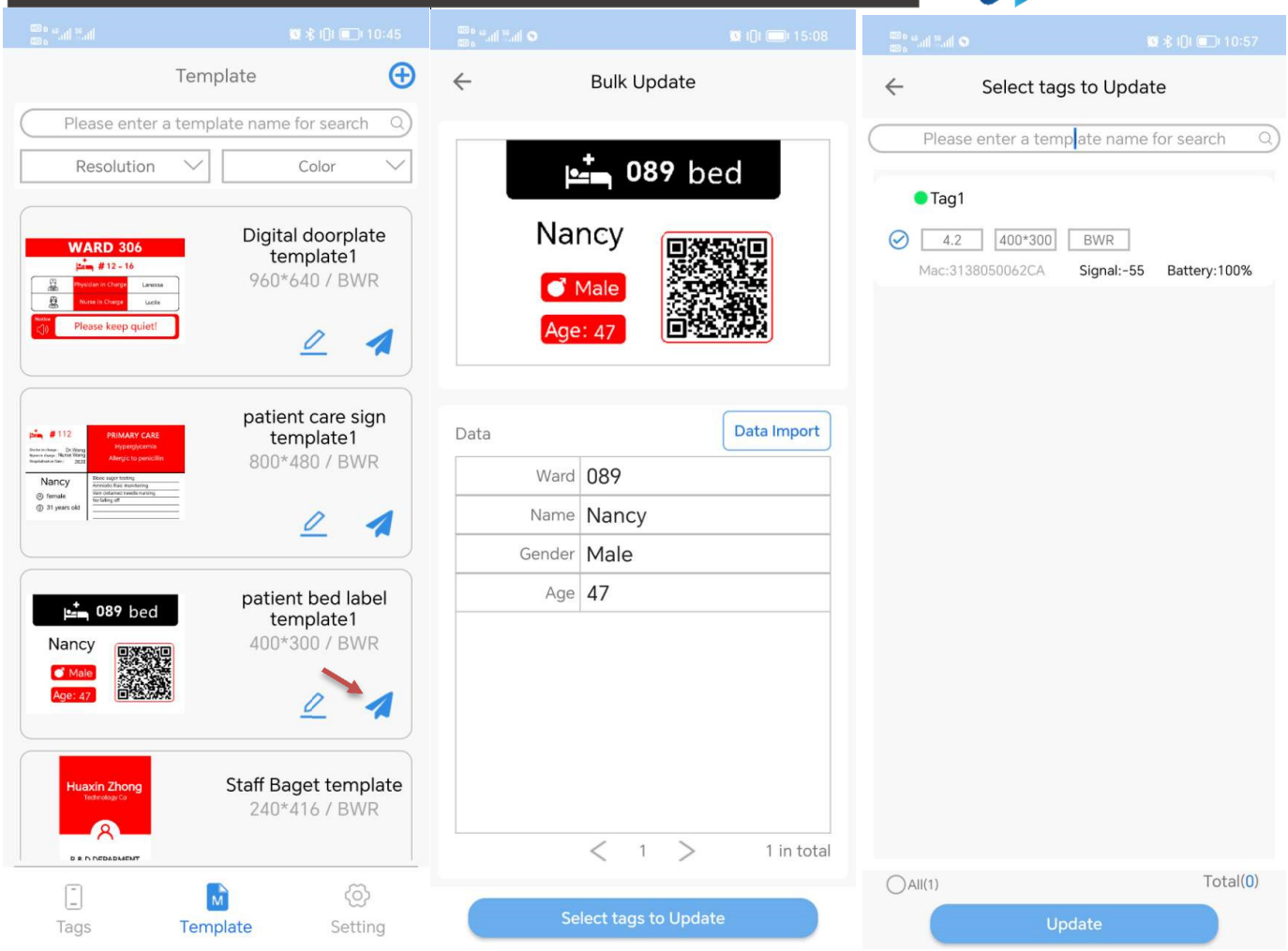
3.4 Edit Template

In template interface, click on the icon to edit the template image. After editing, click on the icon to save current edited template.

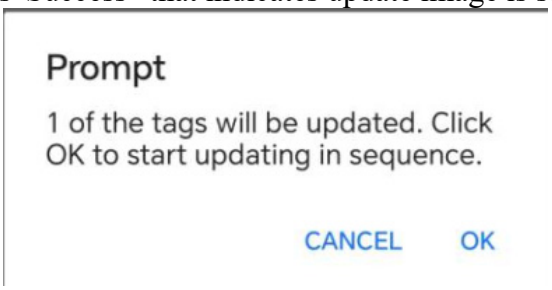


3.5 Template update image

In template interface, select the template and click on the icon to jump to Bulk Update interface, and then click on the button " Select tags to Update" , after selecting tag, click on the button "Update".

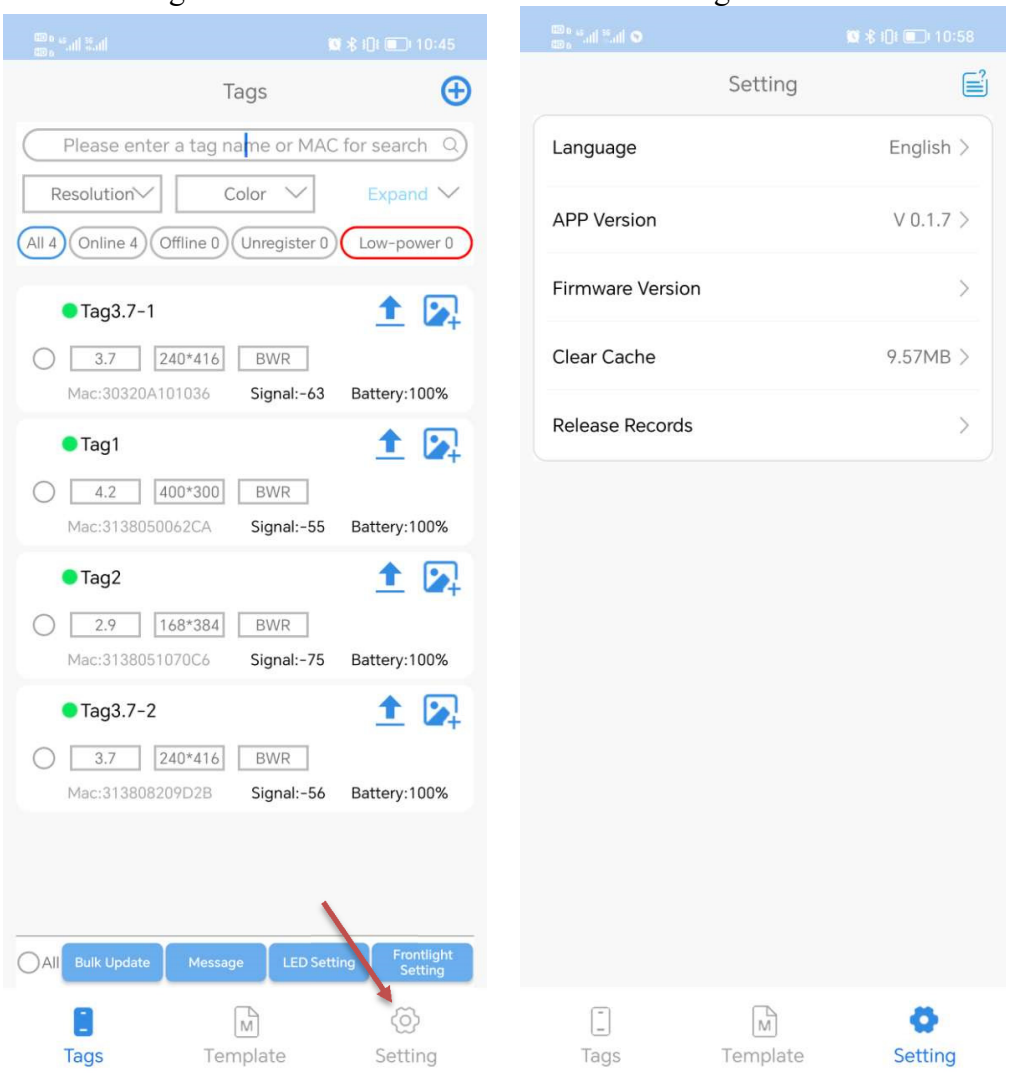


There will pop up prompt, click “OK” to proceed. Then it will jump to the Release Record interface, if it shows as“Success” that indicates update image is successful.



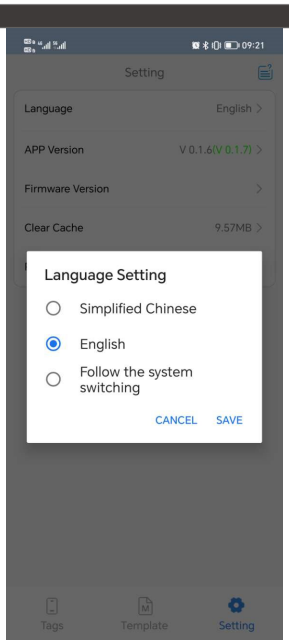
4 Setting

Click "Setting" in the Home interface to enter the setting interface.



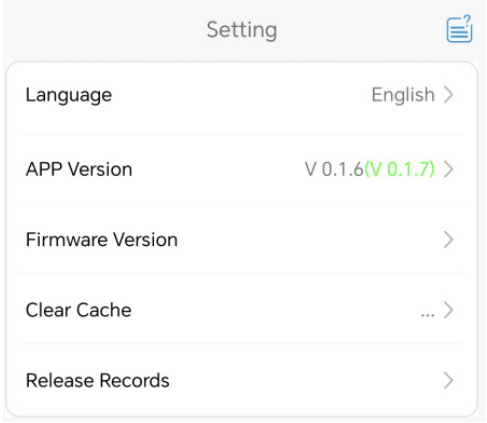
4.1 Language

In the setting interface, click on “Language”, select one and click “SAVE”, and then it will change to selected language.



4.2 APP Version

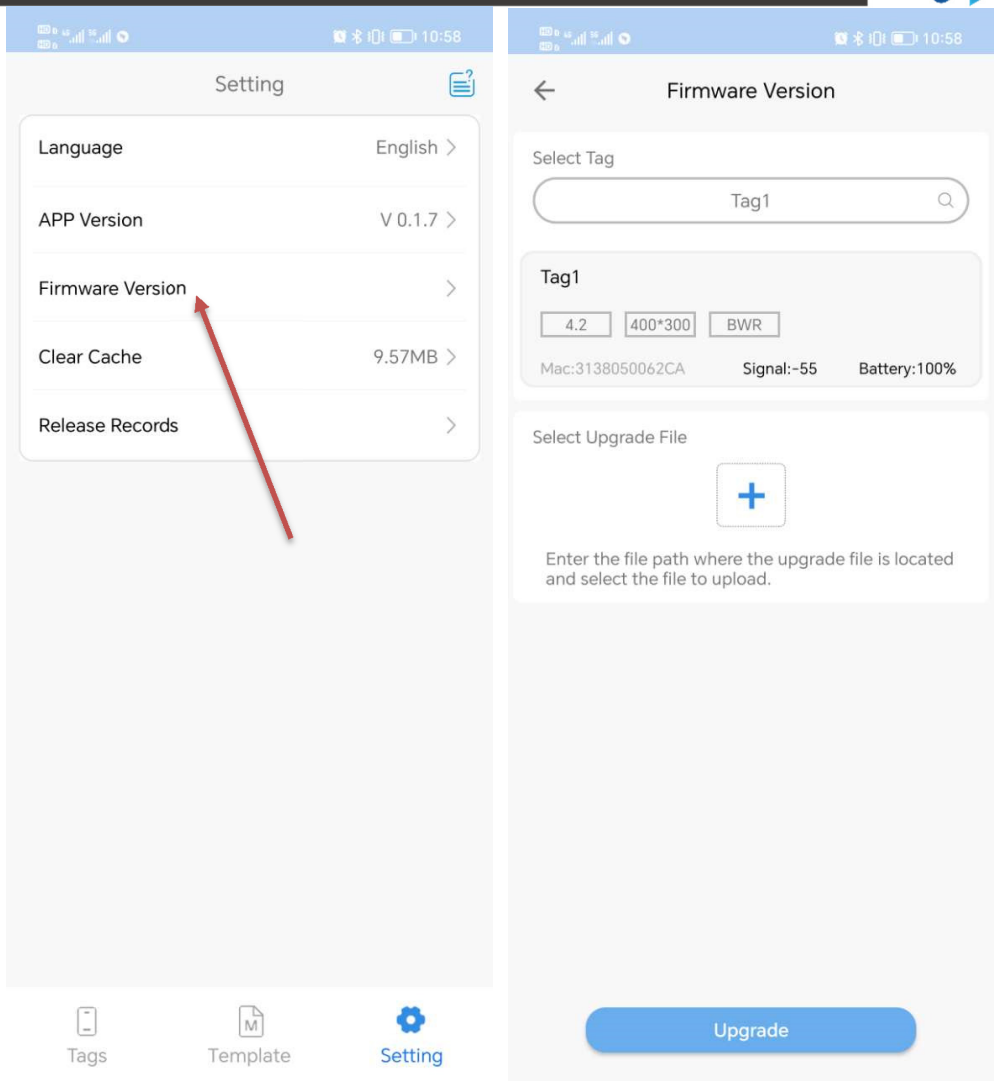
The current version of the application. If a new version is release, the latest version number will be displayed in green font. You can click and follow the prompts to upgrade to the latest version.



4.3 Firmware Upgrade

Firmware upgrade of tags. Click on “Firmware Upgrade” to jump to the interface.

Select the tag that you want to upgrade, click on “+” to select upgrade file, and the click on the button “Upgrade”. There will pop up prompt, click “OK” to proceed. Then it will jump to the Release Record interface, if it shows as“Success” that indicates upgrade is successful.



4.4 Clear Cache

Clear historical release records and historical download images.

4.5 Release Records

Display historical release records.