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ESL system App Manual

Catalog

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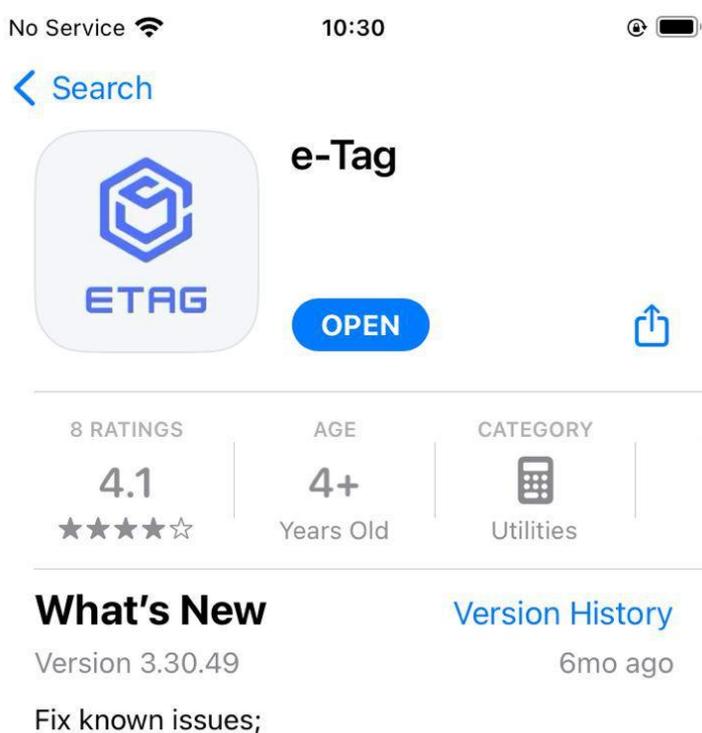
1 Summary

This article mainly introduces the use of App, which is a handheld application for the ESL system. It is divided into two operating system versions, Android and IOS. The App is mainly used to handle the binding and unbinding of goods and labels, product guidance, product query, price update, label query, display management and display adjustment. Use the handheld device installed with the App to realize data interaction and application with the ESL system through the on-site business network.

2 Download and Installation of App

2.1 IOS version download

Search for e-tag in the App Store and download it. The IOS version requires a minimum of version 15.



2.2 Android Version Download

The app is not listed on Google Play, you can get it from below Google Drive link:

<https://u.pcloud.link/publink/show?code=XZ9sMg5ZUPqpUbduOshsbsM59LKURbMrr0Ak>

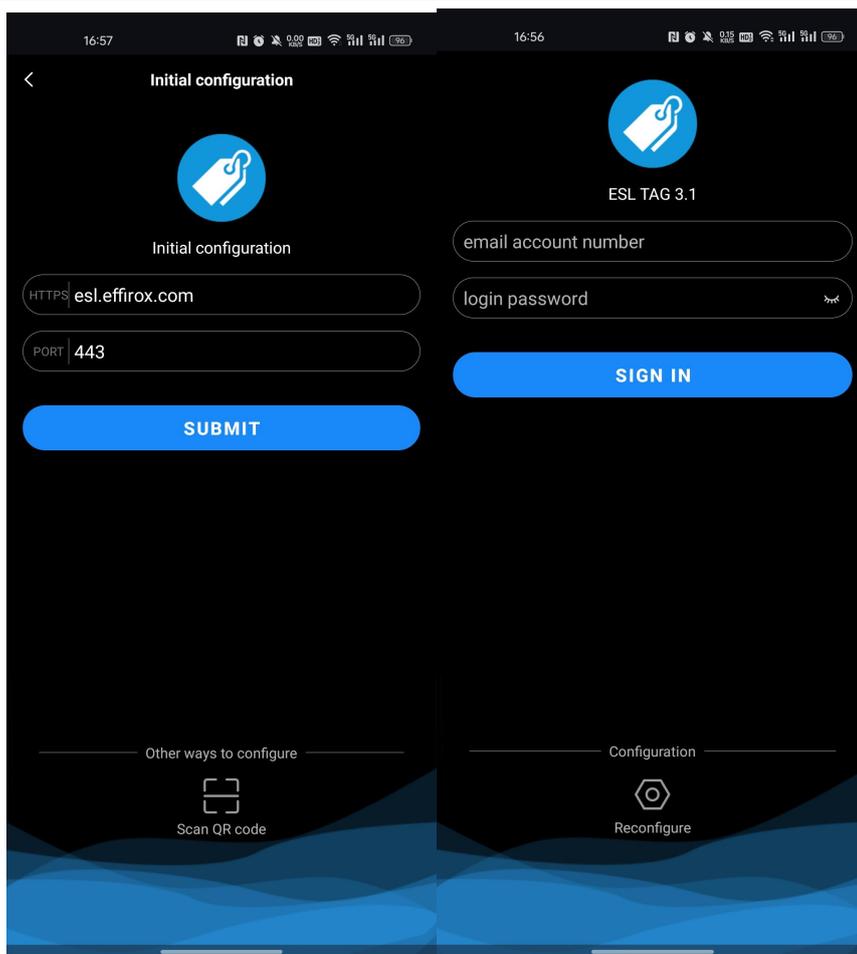
Android version requirement: 5.0 and above.

3 Instructions for the use of APP for IOS

3.1 App Sign-in

3.1.1 Sign-in Step

After downloading the app, tap the app icon to open the app as follows:



- (1) Click here to jump to the server configuration page for setup
- (2) HTTP: Enter the IP address of the ESL cloud platform (<https://esl.effirox.com>)
- (3) PORT: Enter the port of the ESL cloud platform (443)
- (4) After clicking Save, the app will access the current HTTP and PORT address. Upon successful connection, it will redirect to the account login interface shown in the left image
- (5) Enter your login username and password
- (6) Click the Login button to enter the application

3.1.2 Error Detection

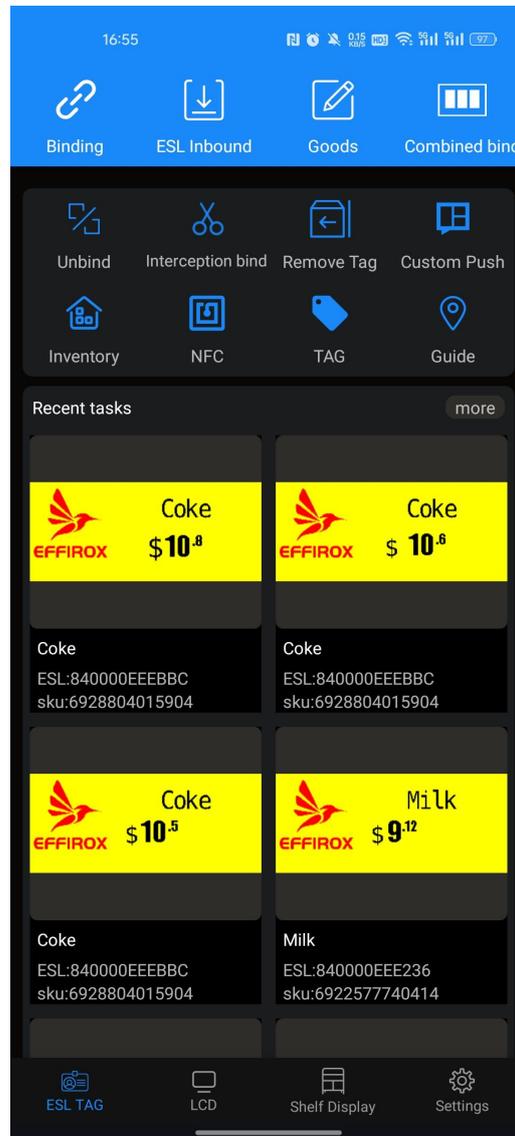
There may be some problems when using the App that may cause the App to be unable to connect to the ESL system system. Here are some ways to check:

- (1) Check whether there is any input error in HTTP, PORT, Sign-in account, and Sign-in password.
- (2) Check the network connection, ESL system system, and App handheld in the same network environment, and the network can mutually access. The check method is to log in to the App terminal equipment browser and input the ESL system system background address, if it can open normally means that the network connection is normal.
- (3) Check whether the network access on the App side are turned on: Settings - Slide down to find the application and click - local network select the open state - wireless data - external network access to select wireless LAN and cellular data - internal network access to select wireless LAN.

- (4) Check whether the background operation of the ESL system system is normal, if it is not normal operation, then the App side cannot sign in.
- (5) Check whether the corresponding port access privileges of the firewall of the system server are open.

3.2 Introduction of App Operation Menu

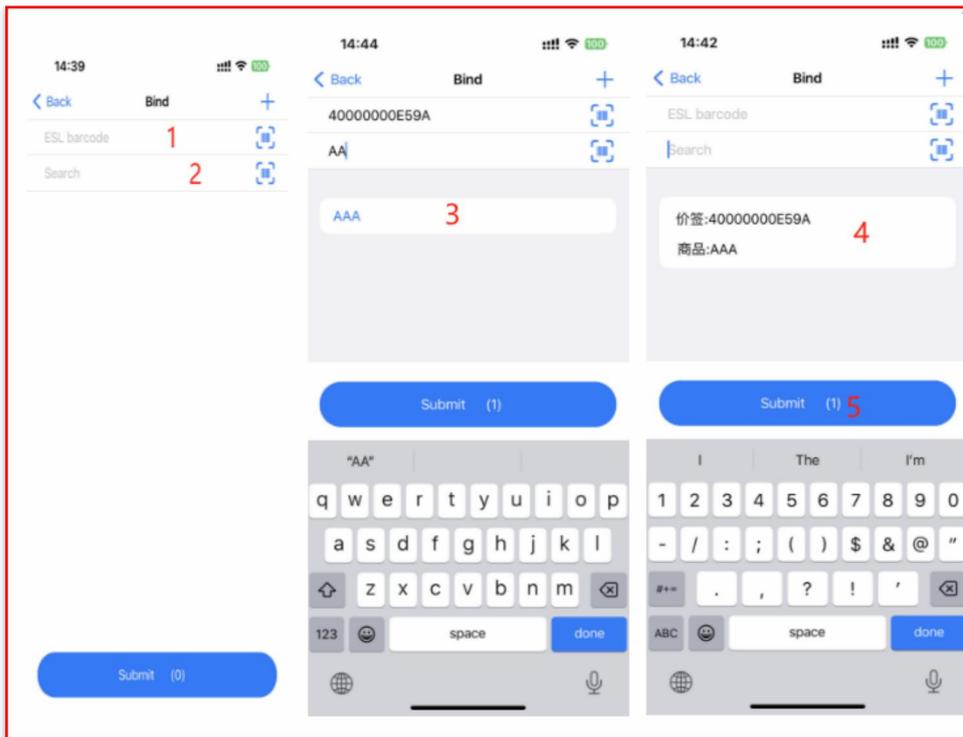
The App has four main menus: ESL Price Tag, Display Management, and Settings.



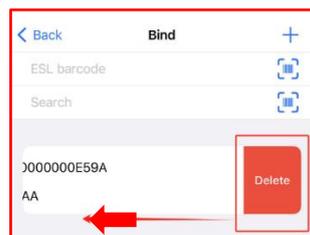
3.3 ESL price tag

3.3.1 Price tag bind

Click the Price Tag bind button at the top of the ESL Price Tag menu page to bind a tag to an item so that the tag displays information about the item to which it is bind.



- (1) Enter the label ID in "Price Tag Number", or click " " to scan the label ID barcode with the camera, which is usually at the bottom of the label. When scanning with a handheld, check the input box and use the infrared gun to scan.
- (2) Enter the code, barcode, or name of the product in the "Product Code/Name" field;
- (3) After entering the commodity code or name, the query commodity will be retrieved automatically;
- (4) Select the specified goods to form a binding relationship status as shown in the figure above can submit to a single binding relationship, you can also submit some binding relationships together. For the wrong binding relationship, you can slide this binding relationship to delete, as follows; select the binding relationship.



- (5) Click Submit and a message will pop up saying "Submit Successfully". The number in the brackets after Submit is the total number of binding relationships:

If it pops up that the tag number does not exist, you need to put the tag into storage first. For details, see the introduction to putting price tags into storage below. If it pops up that the product does not exist, please check whether the system has the product information.

3.3.2 price tag unbind

Click the Price Tag Unbind button in the ESL menu to enter the Unbind page, which unbinds the tag and the product that is already bound to the product, so that the tag does not display the information of the product, and customize the style of the tag unbind display.

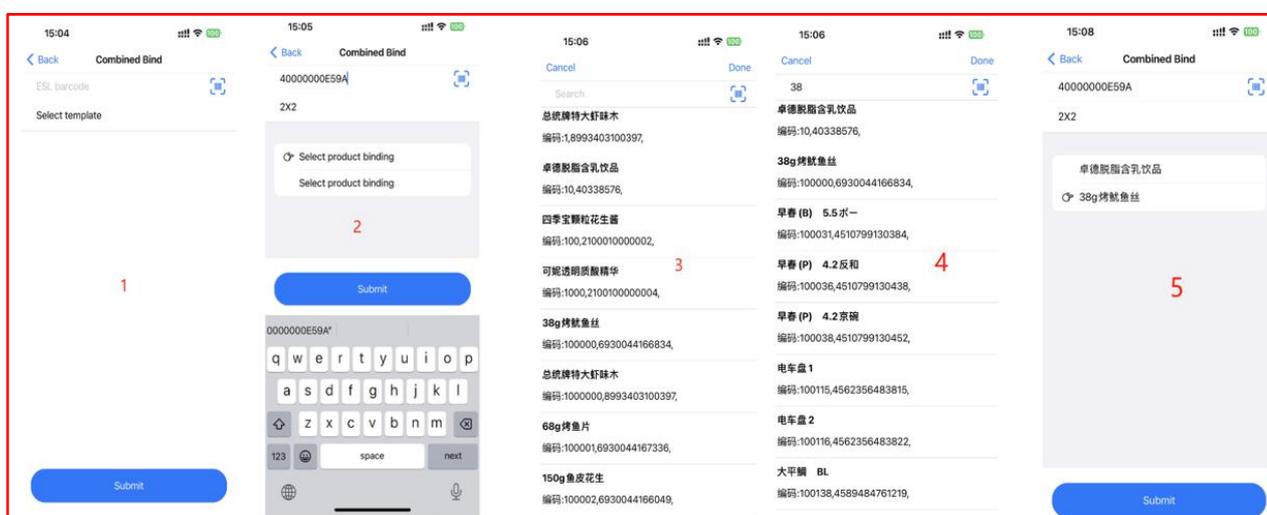


Steps: Click the scan button of the price tag number (you can repeat scanning of different tag IDs many times), click submit, and the unbundling will be successful when it prompts successful submission.

3.3.3 Combine bind

Click the combine bind button under the ESL price tag menu to enter the related page, when a label needs to display multiple product information, need to use the combined template (need to pre-create the combined template in ESL system).

The steps of Combine bind are as follows:



- Image 1 Enter or scan a price tag number.
- Image 1 Choose a combination of templates (product x 2 means display 2 products, product x 3 means display 3 products).
- Image 2 Click on the selection of goods binding after the appearance of image 3.
- By searching for the code, barcode, and name of the product, as in Image 4, click on the product that needs to bind.
- According to the number of goods in the select template binding multiple goods, as in Figure 5, click Submit, and prompt "Submit Successfully" after the system creates a task to make the label display the bindings of the content.

3.3.4 Intercept Bind

Click the interception binding button under the ESL price tag menu to enter the relevant page. The difference between interception binding and regular price tag binding is that the scanned product barcode content can be intercepted. The interception setting is set in the background of the ESL system system.

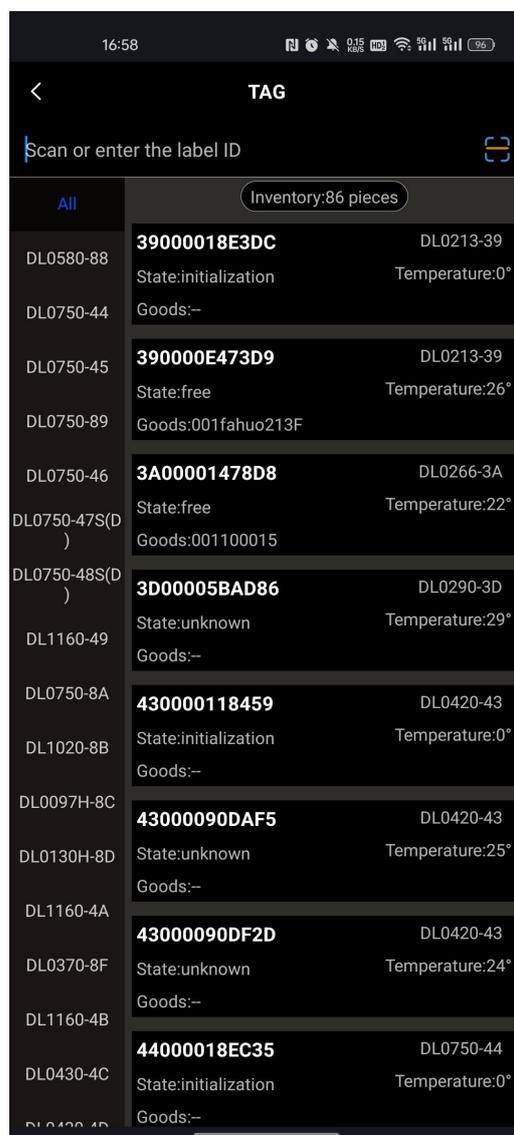
Example: If the paper barcode printed on the customer's product is 200981234, and the product code provided to the ESL system system is 981234, you can directly enter 981234 manually in the price tag binding. If scanning binding is required, you need to use interception

binding. When scanning the barcode, 200981234 is recognized as 981234. The background setting format is that the scale code interception start position is 0 and the scale code interception length is 3, as shown in the figure:

| | |
|---------------------------|---|
| Scale code start position | 0 |
| Scale code length | 3 |

3.3.5 Price Tag Enquiry

Click the Price Tag Inquiry button under the ESL Price Tag menu to enter the relevant page, where can view information such as tag inventory, item binding status, tag status, power, temperature, and so on.



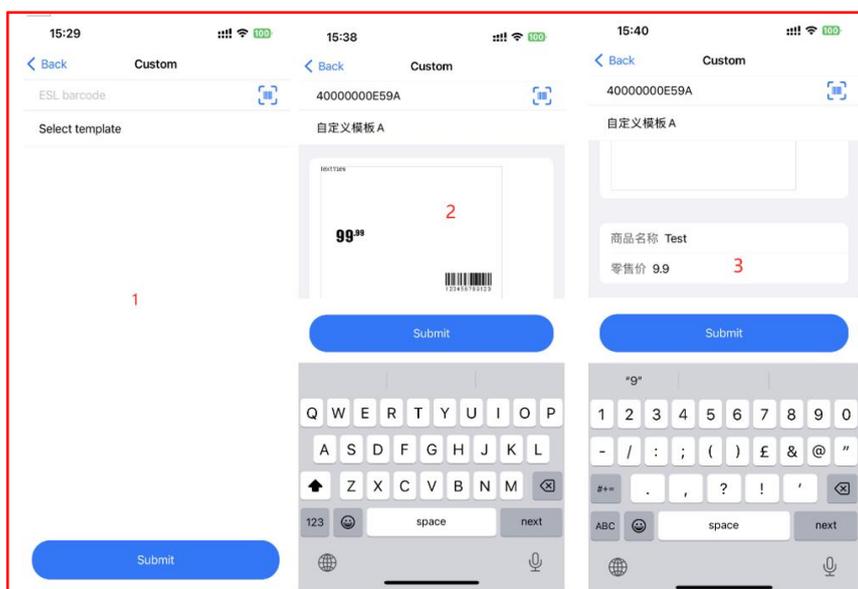
- (1) On the left side, can filter the price tag type to view;
- (2) The upper part allows one to search for a specific price tag either by entering or scanning the price tag ID;
- (3) Status: Display the current status of the price tag, including Initialize, Idle, Low Battery, Working, Fault, Lost, Blacklist, and Others;

- (4) Power: remaining power of the price tag;
- (5) The environment temperature at which the price tag is set;
- (6) Goods: The goods code to which the price tag is currently bound;
- (7) Inventory: above the lists, the select number of all current price tags will display;

3.3.6 Custom Templates

Click the Customize Template button under the ESL menu to enter the page, the price tag can be no bind goods, the user only according to the manually entered goods information to make the label display the defined content of the goods. The operation steps are as follows:

- In image 1 price tag number enter the price tag ID or scan the price tag and select the template you want to use Enter the price tag ID or scan the price tag in Figure 1 Price Tag Number and select the template you want to use;
- In Image 2, it can see the preview of the selected template, enter the customized product information in the product form below as in Image 3;
- Click submit, prompt submit successfully, and then the price tag content will display per the settings just now.



3.3.7 Inventory tags

Click the Inventory Marking button under the ESL Price Tag menu to enter the relevant page, can manually adjust the label to out-of-stock status, and display the out-of-stock template in the case of marking out-of-stock (you need to make the template name out-of-stock template for OOS on the backstage of the ESL system system in advance).

- Out-of-Stock Make: Scan the tag ID under this menu bar and submit, the tag will refresh the out-of-stock template to show the item is out of stock.
- Restore Inventory: scan the tag ID under this menu bar and submit, the tag will be restored from out of stock to the item sold, displaying the normal template.



3.3.8 ESL In/out

ESL In: Click the Price Tag Inventory button under the ESL Price Tag menu to enter the relevant page, you can scan multiple price tag IDs at a time for batch submission. If the price tag is not in the database, the price tag cannot be bound normally.



ESL Out: Remove the price tag from this shop and the price tag can continue to be used in other shops after removal.



3.3.9 Goods Pick

Click the goods picking button under the ESL price tag menu to enter the relevant page. Can enter or scan the price tag ID and click the light button, the system will send a command to make the price tag bright, so that users can quickly find the price tag.

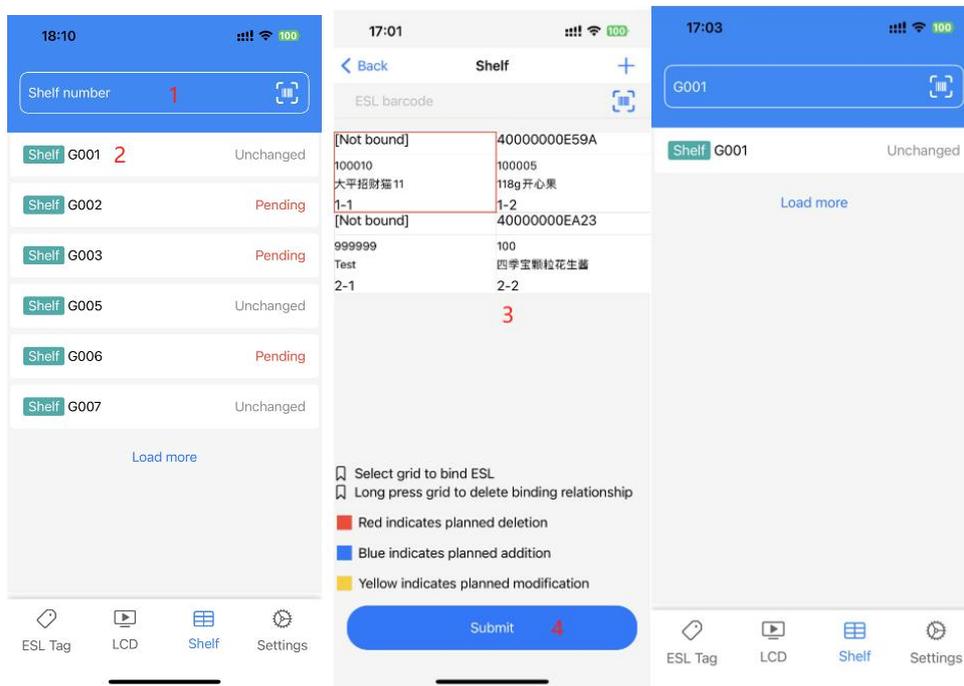
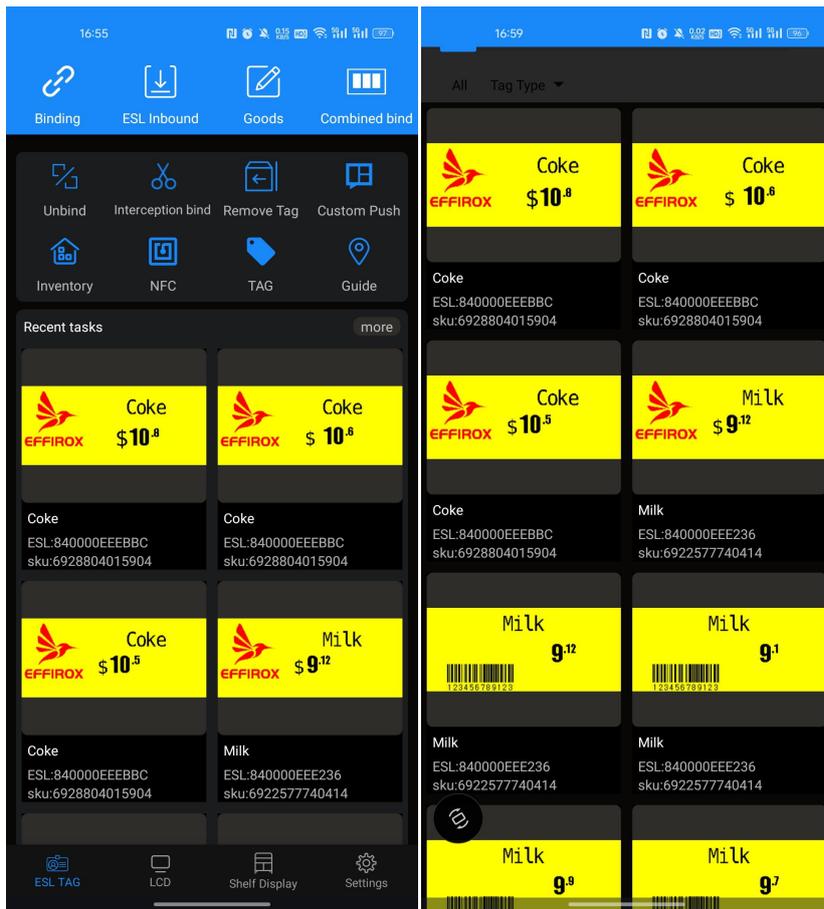


3.3.10 Records of Communication Task

Click "Recent Tasks" to view the communication task records of the price tag, click "View All" to enter or scan the price tag ID to view the communication task records of a particular price tag, and also supports filtering according to the type of price tag.

3.5 Display Management

Click on the display management menu to enter the corresponding module, and display shelf goods bind information by the ESL system system backstage management, The App terminal cannot manipulate directly, The App can only view and bind shelf locations to labels. The operation steps are shown as follows:

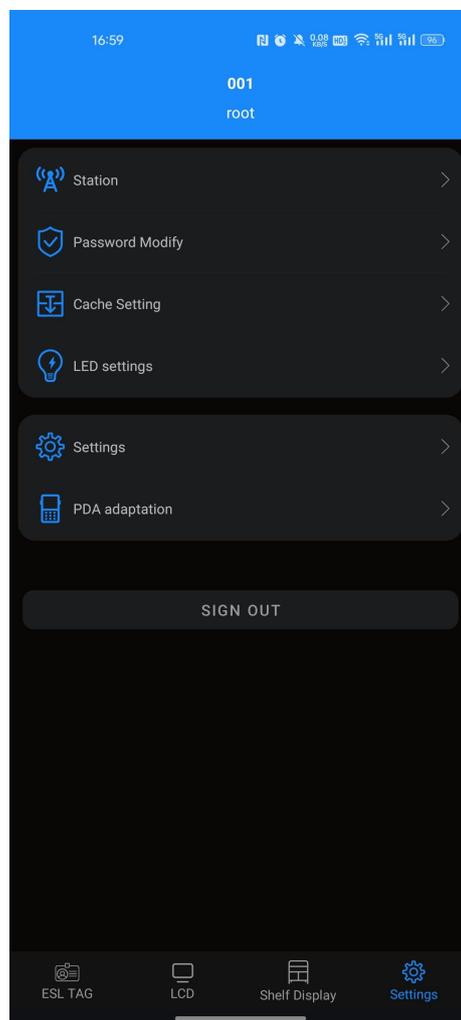


- (1) Scan or enter the shelf number to find the shelf to manage.
- (2) Click the shelf name to enter the display management.
- (3) Select the square to bind or delete the price tag. For the shelf information that has been uploaded in the background of the ESL system system, if the shelf equipment is edited and then uploaded again, the white square in image 2 will turn into red, yellow, and blue squares.

- The red square means that delete the shelf upload information.
 - The yellow squares represent that the original goods information was modified, such as the bindings of the goods, the depth and height parameters of the display surface, etc.
 - The blue square means that there is new goods information in this space, and the new space after the red square is empty is shown in blue.
 - If you need to unbind the shelf space from the label, press and hold the square until the square turns yellow and indicates that it is not binding.
- (4) Click the submit button to set up successfully.
- (5) In the list, you can check the status of shelves,
 Pending execution: new shelves are added or shelf information is rewritten;
 Without change: refers to shelves for which a listing adjustment is submitted and implemented.

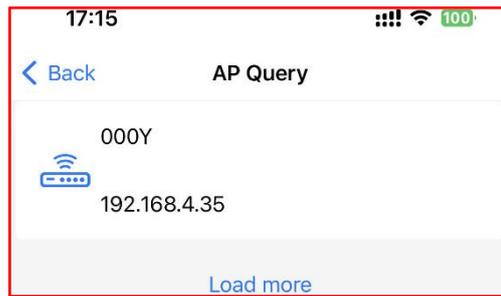
3.6 Settings

Menu function modules are as follows:



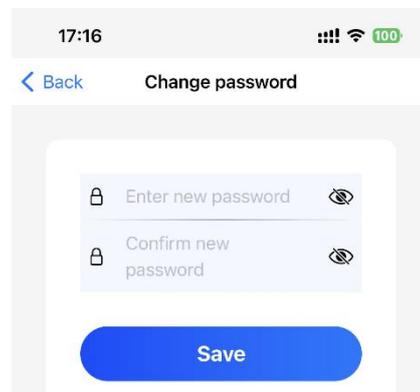
3.6.1 AP Query

Click AP Query under the Setting menu to enter the relevant page, can view the IP address assigned to the AP, the name of the AP, the number of the AP, and the online status of the AP (blue is online, grey is offline), can only view it and can't edit it.



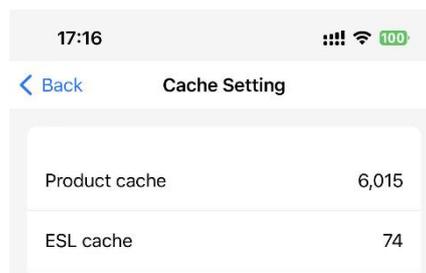
3.6.2 Update Password

Click the password change under the Settings menu to enter the relevant page, and change the password for logging in to the app, if the account is used by more than one person please do not change it privately, please remember your password after changing it.



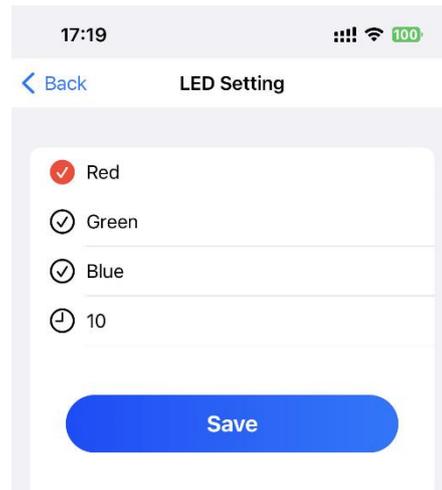
3.6.3 Cache Setting

Click Cache Settings under the Settings menu to enter the relevant page, can view the product data and the number of tags of this shop, automatic caching or cached data will be updated every time you Sign in.



3.6.4 LED setting

Click on the Setup menu under the LED settings can enter the relevant page, mainly used for product picking price tag light color settings, there are a total of seven combinations (select the needs of the color to tick).



3.6.5 Sign out

Sign Out of your current account by clicking Sign Out under the Settings menu.

4 Instructions for using the App on the Android system

4.1 instruction

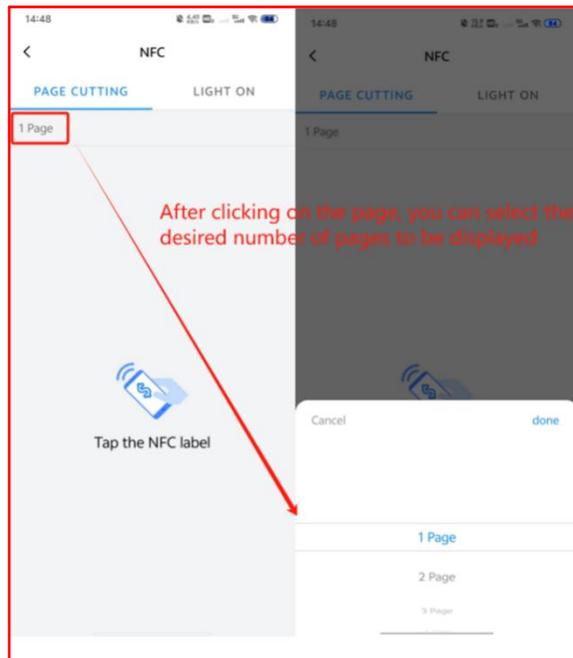
This only introduces the difference between Android and IOS system functions, if the same function, the interface layout is different and no longer repeats the instructions.

4.2 ESL price tag

4.2.1 NFC Control

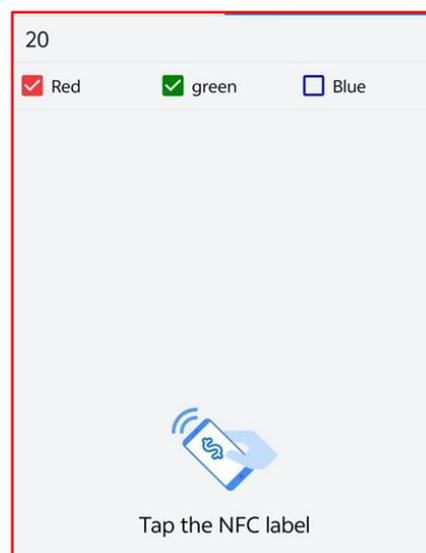
It must use an NFC-enabled handheld device and make sure that the device's NFC function is turned on. Click the NFC control button under the ESL price tag menu to enter the related page, which supports NFC page cut and flash operation, the operation steps are as follows:

- NFC page cut:



Need to switch the price tag display page, click on the red box as shown in the figure, in the pop-up page, select the number of pages you want to switch to, the Handset NFC area close to the price tag, send commands, complete the template switching, the template through the template tool to customize display the contents of the number of pages, up to a maximum of 8 pages of support.

- NFC light on:

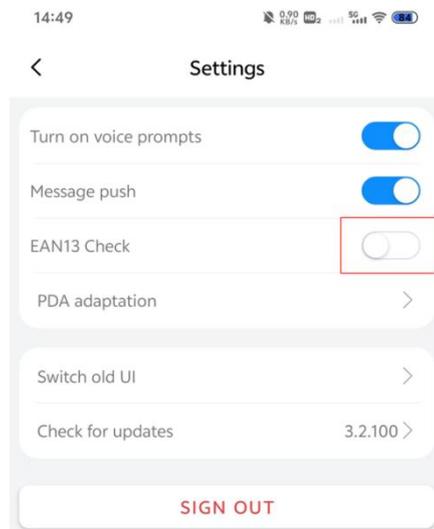


After sets the flash time and flash color, the handheld is close to the electronic tag, sends the command, and waits for the price tag to flash.

4.4 Settings

4.4.1 EAN13 Remove Parity Bit

After clicking Settings to enter the Settings page, can open the EAN13 Remove Parity Bit function, which can ignore the last parity bit when scanning barcodes with a PDA to ensure that the PDA device can scan normally to obtain information.



4.4.2 PDA Adaption

Some PDA models are not adapted and may not switch focus automatically after scanning. Therefore, it can set the broadcast mode to switch the focus automatically by the broadcast feature. For related parameters, please open the PAD "Scanning Settings" or "Scanning Tools" application to check the settings. If use "Broadcast Mode", change the output method in this application to "Broadcast Output".

