Zkong Label System Manual

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1. Product introduction

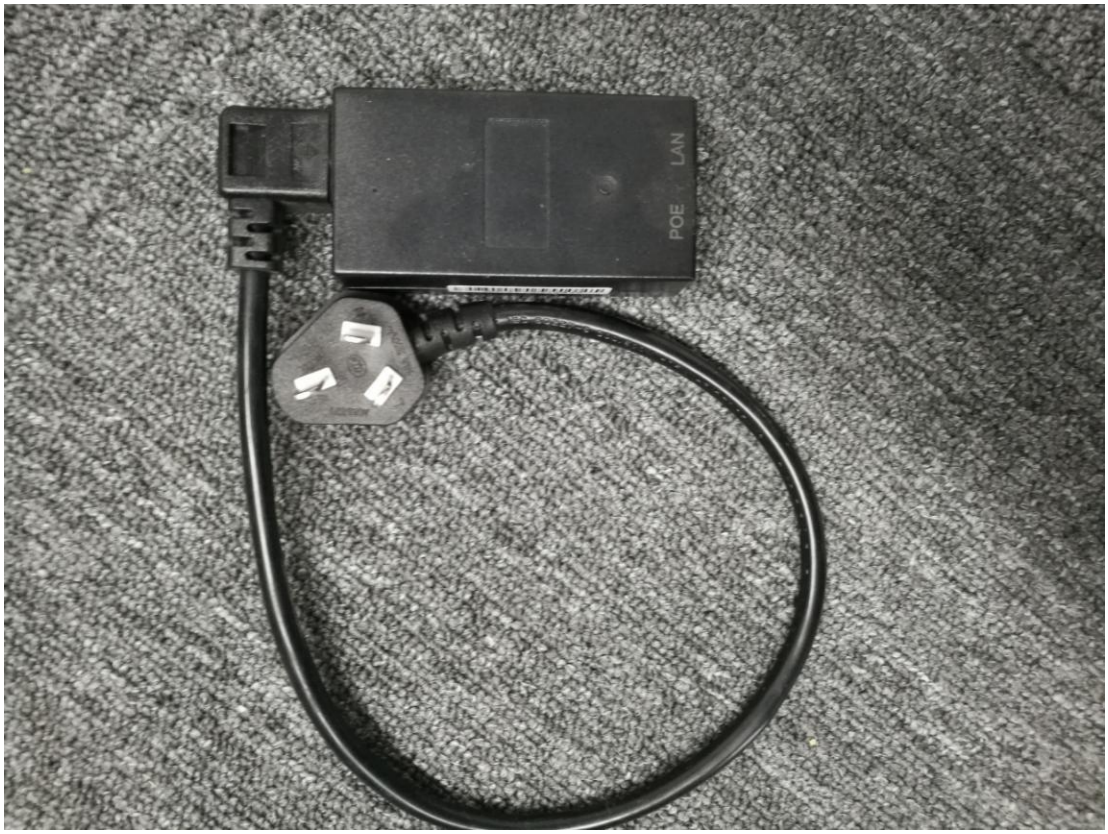
(1) Zkong Software System：

Check the state of hardware and software, manage and refresh ESL.

(2) AP

AP works together with ESLs and transmits data.

PoE Power Supply: Provide power to the AP and connect to the external network, having PoE port connecting with AP and LAN ports connecting to the external network.



(3) PDA

Binding the product with ESLs.

(4)电子价签

ESL works around AP.

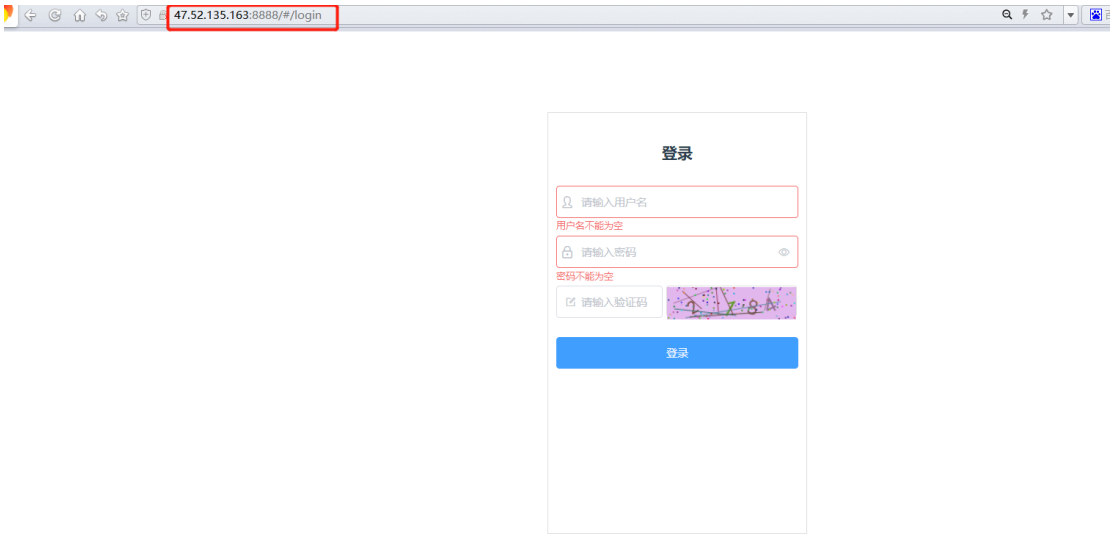
2. Merchant- Store and Account

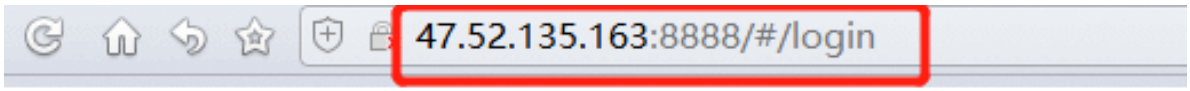
(1) Add merchant and get merchant account in the ESL platform

Please provide your company's business license to the sales staff for record. After confirming the complete information, our company will add the merchant for your company, as well as the merchant administrator's account and password. The sales staff will forward the account and password of the merchant administrator to your company.

(2)Log in ESL platform

Copy http://47.52.135.163:8888/#/ to a browser and open it, enter merchant administrator user name and password.



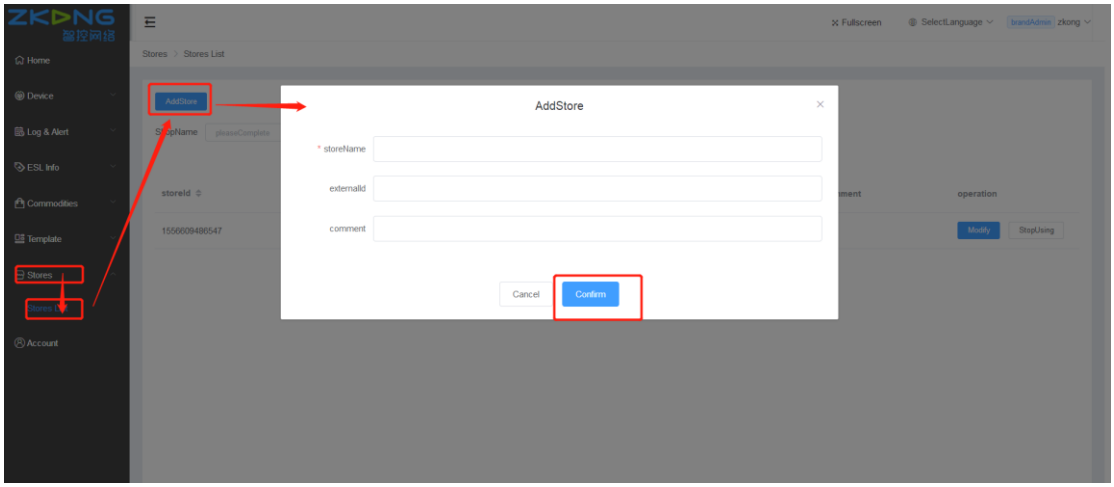


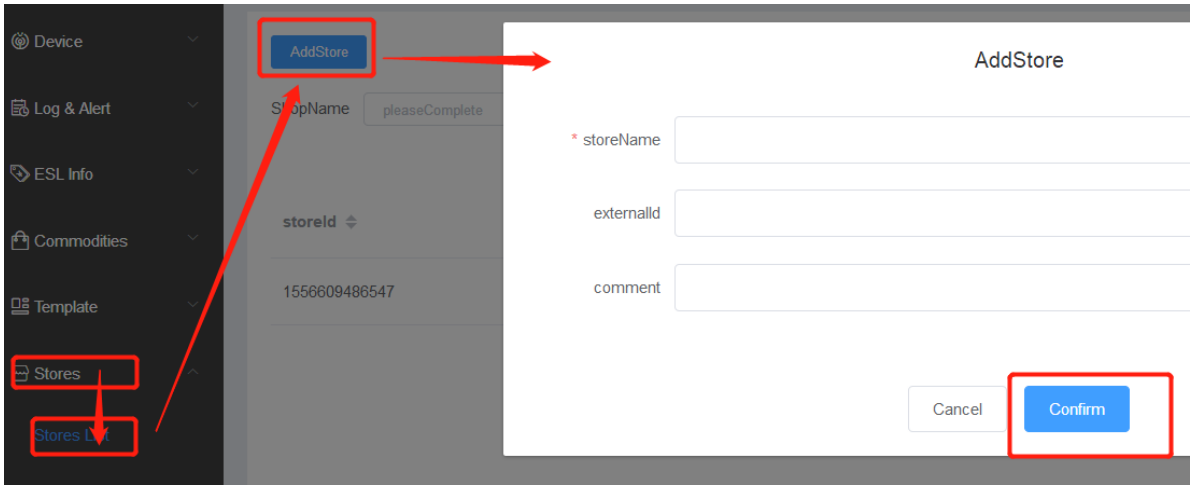
(3)Add new store

Remarks: multiple stores can be built under one merchant's account. Base stations, ESLs, PDAs, products and templates are all associated with the stores.

1、After logging in the system, click "stores" - "stores list" - "add store" .

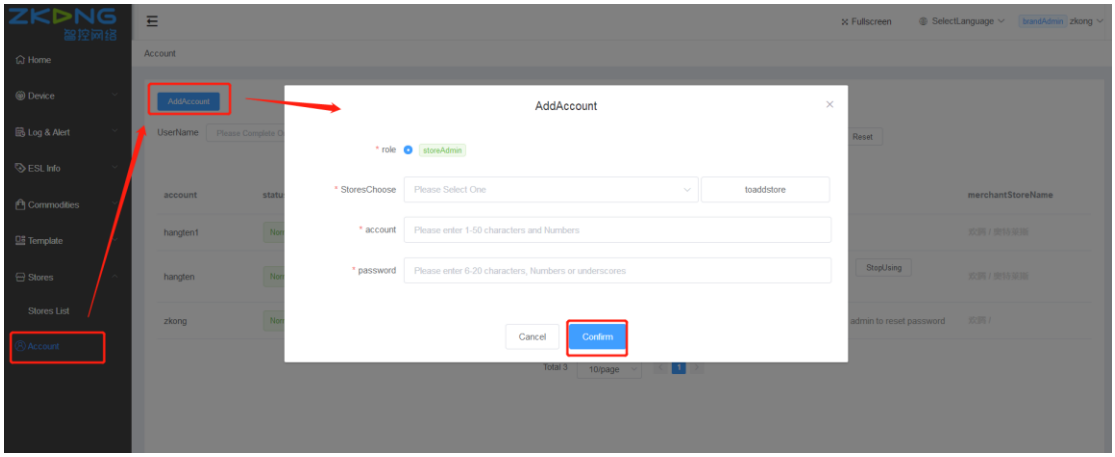
2、Enter the store name and click "confirm".

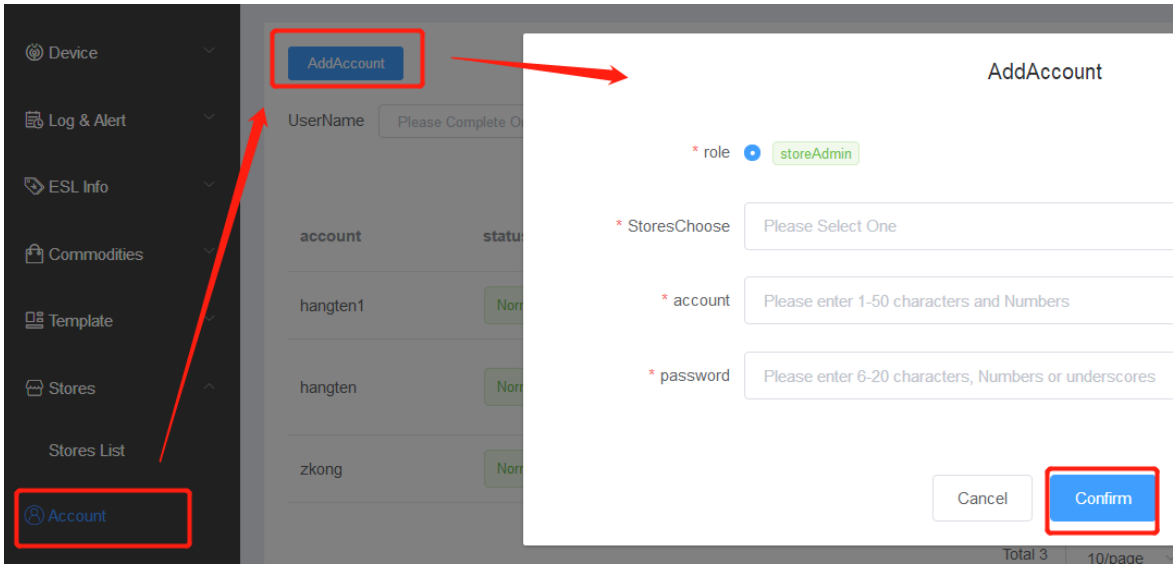




(4)Add new store manager account

1. Click "account " - "add account";
2. Select the new store;
3. Fill in the user name and password;
4. Click “Confirm” to complete it;





(5)Added/Edited Template classification and Template Type.

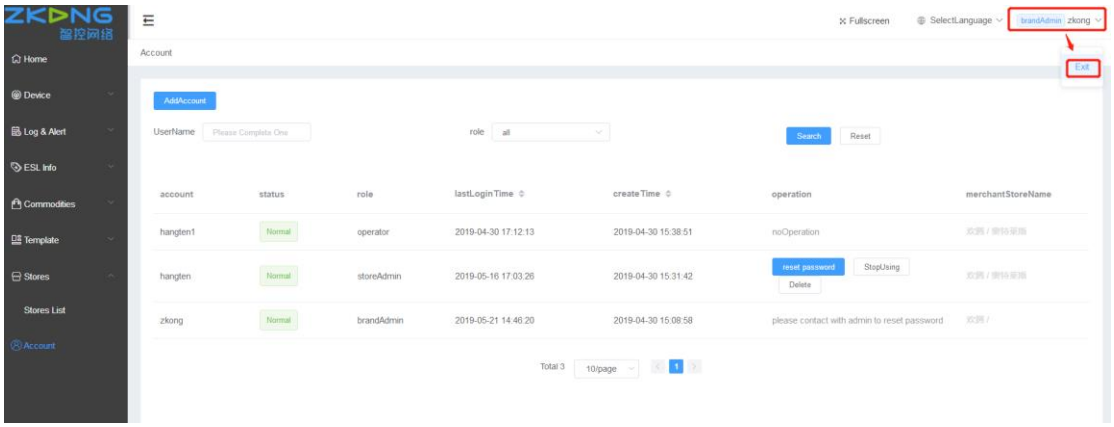
Template classification and template type are the identification fields of commodity matching templates. It's used in both commodity and template modules, so you need to set it up in advance.

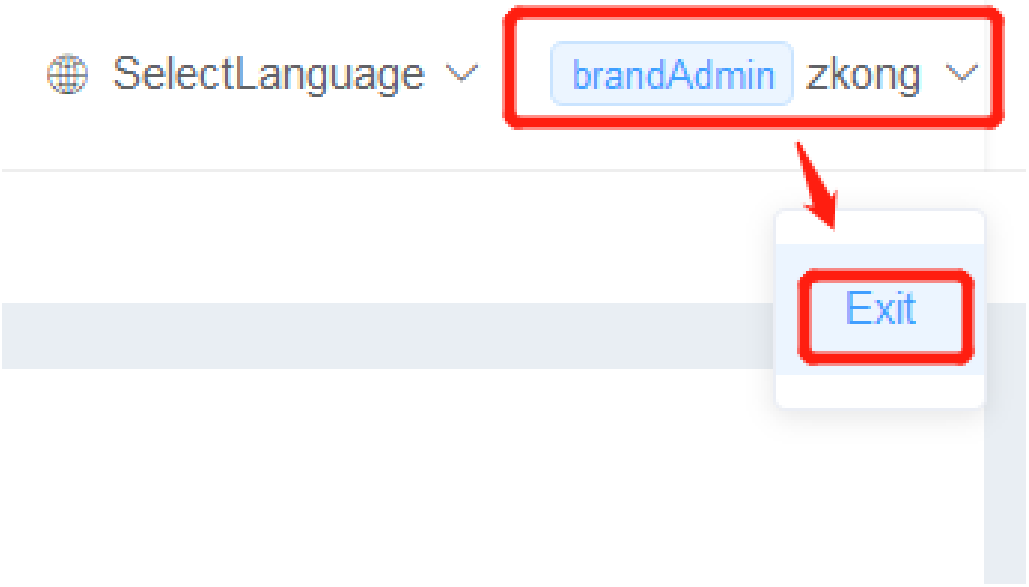
(6)Add merchant template

Store template module, can be imported into the business template.Templates created in the business template module, all stores can be copied to stores, reuse, saving time for each store to make its own template.

(7)Login with the store manager's account

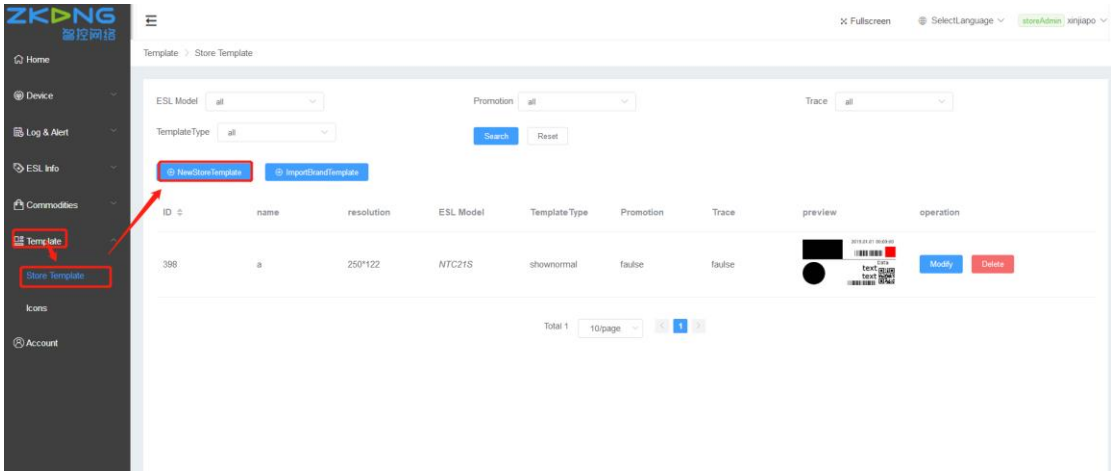
1. Click the login account in the upper right corner and log out. Log out your current login account.
2. Login with the new store manager’s account and password.

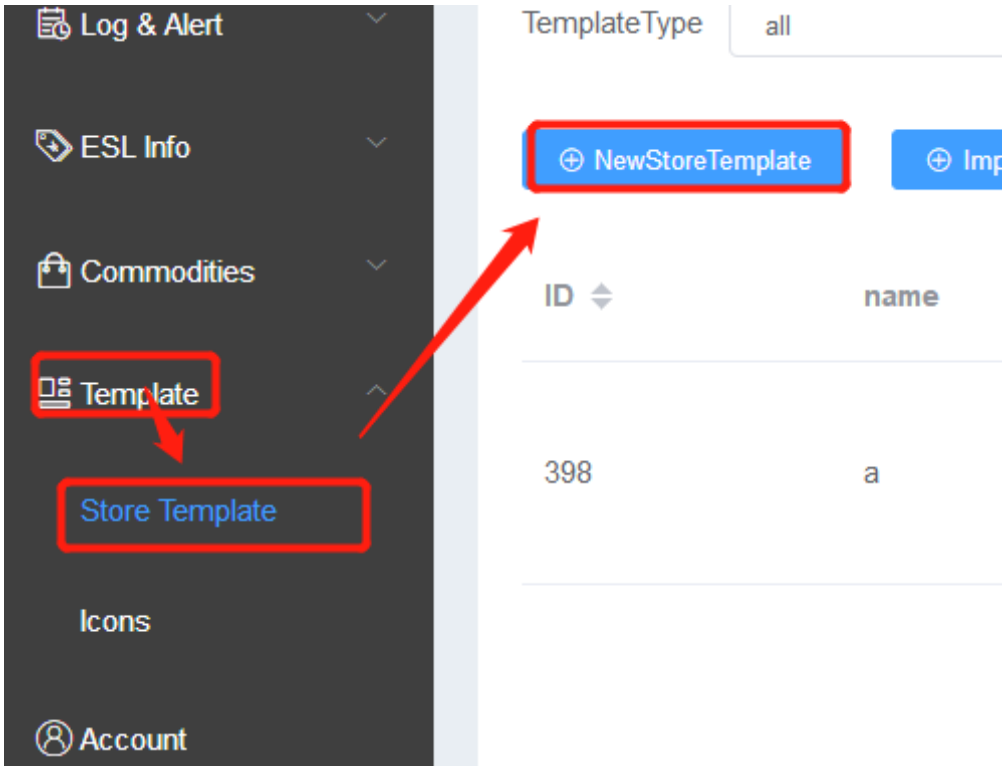




3. Add the store template

1. Click "template" - "store template" to enter the page of store template
2. Click” new store template” to enter the new template page





3. Edit the basic setting information of the template

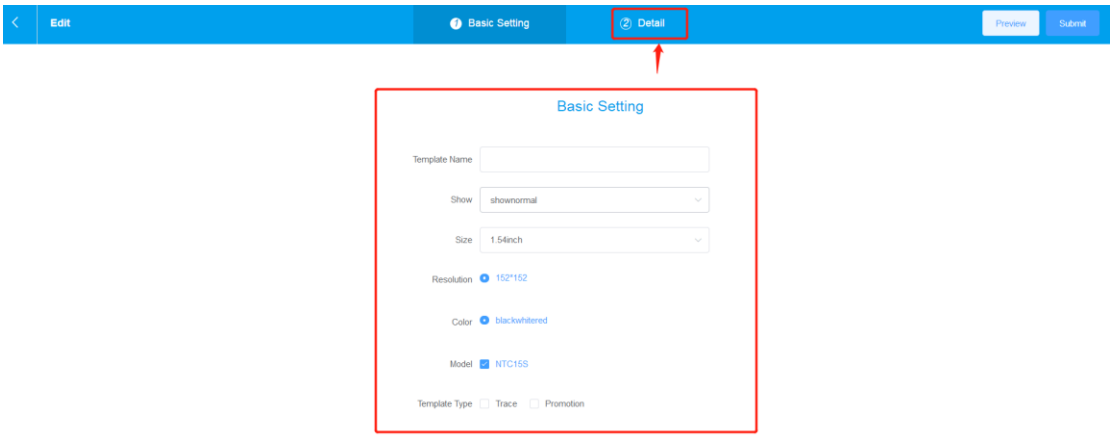
(1) Fill in the template name

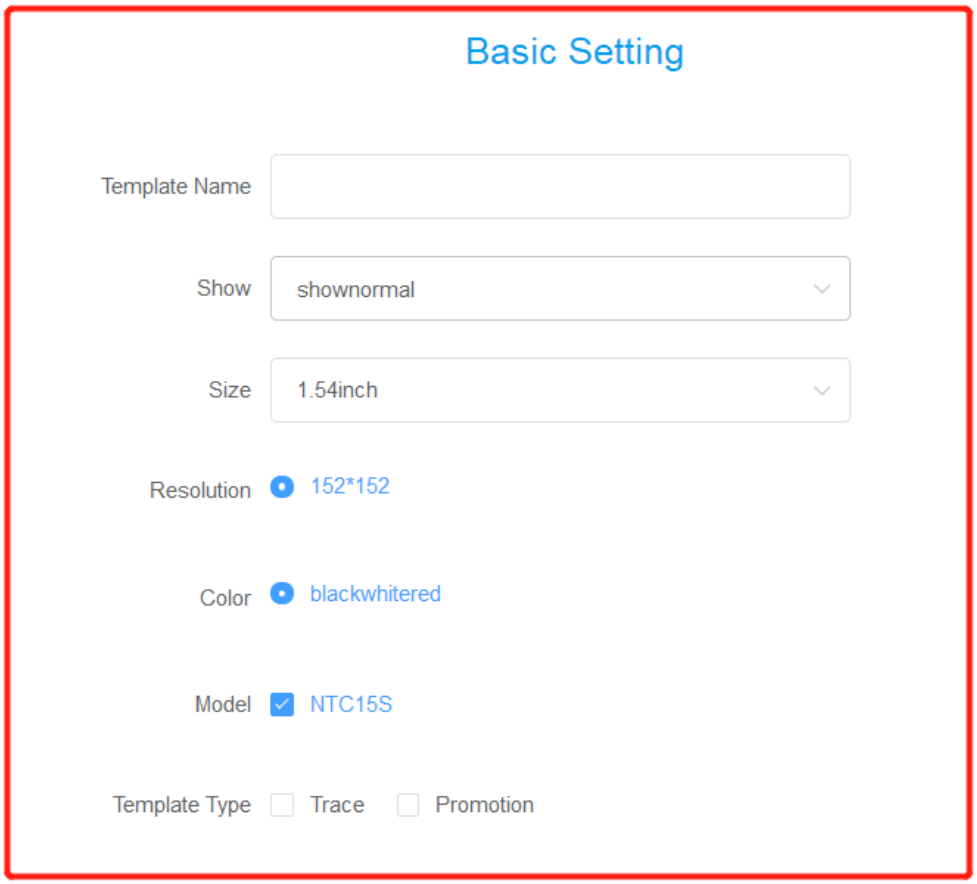
(2) Select the scene. "Normal " means the display after binding the goods, and "Unbinding" means the display of ESL unbinding

(3) Select size, resolution, color and model.

(4)Select the template type, which is used to match the corresponding attribute of the commodity. (Remarks: only commodity with the same template attributes are binding with the corresponding ESLs, and the corresponding ESL will show the template)

(5) Click “detail”.

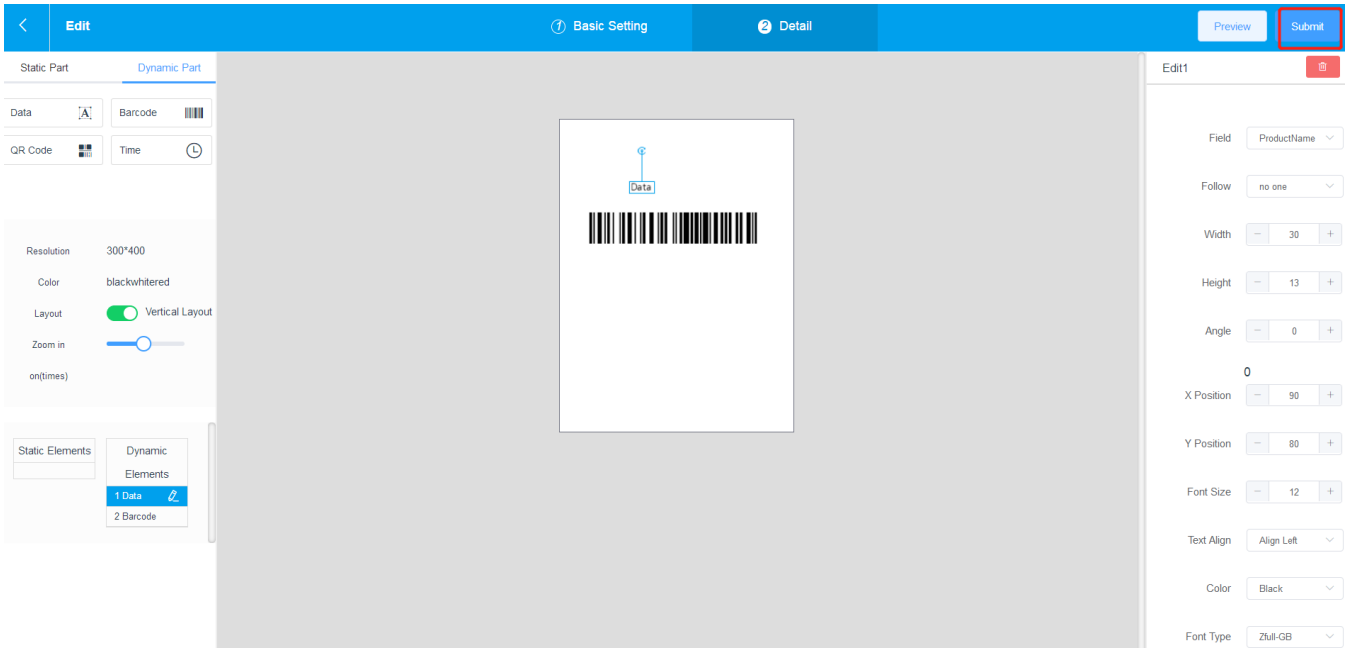


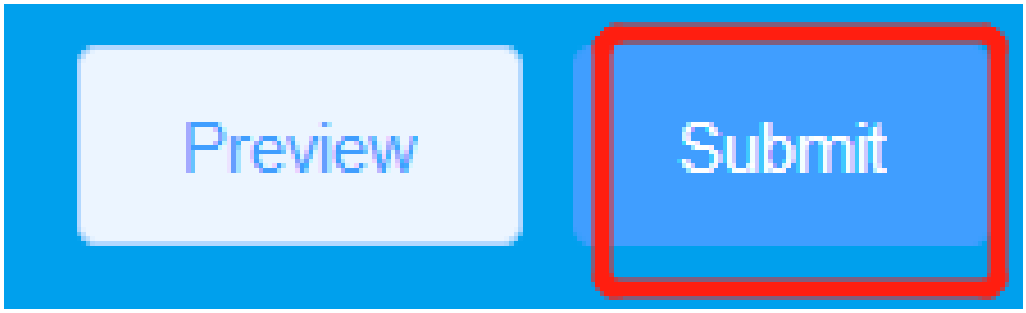


4. Edit template details

(1) Add elements according to requirements and edit it.

(2) After completion, click the “submit” in the upper right corner.


Edit
Basic Setting
Detail
Preview
Submit
Static Part
Dynamic Part
Data
Barcode
QR Code
Time
Resolution
300*400
Color
blackwhitered
Layout
Vertical Layout
Zoom in
on(times)
Static Elements
Dynamic Elements
1 Data
2 Barcode
Data
Edit1
Field
ProductName
Follow
no one
Width
30
Height
13
Angle
0
X Position
90
Y Position
80
Font Size
12
Text Align
Align Left
Color
Black
Font Type
Zfull-GB

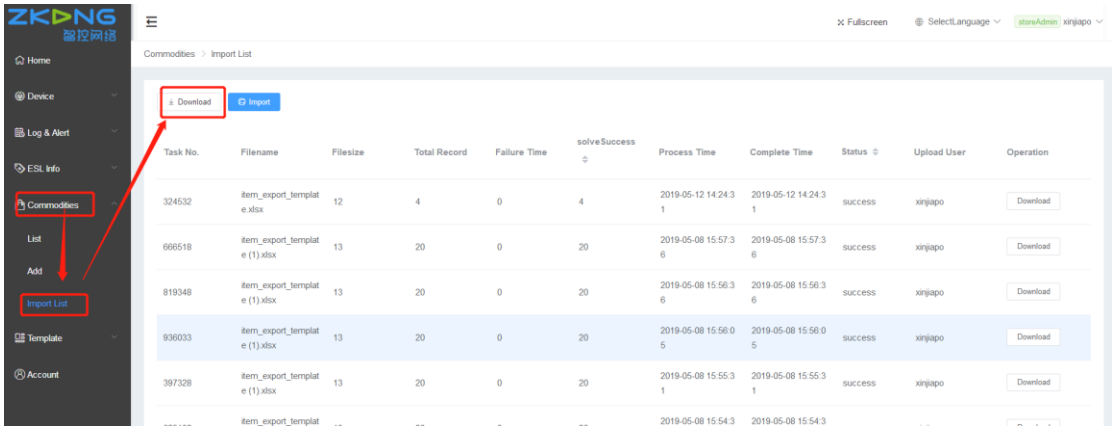

Preview
Submit

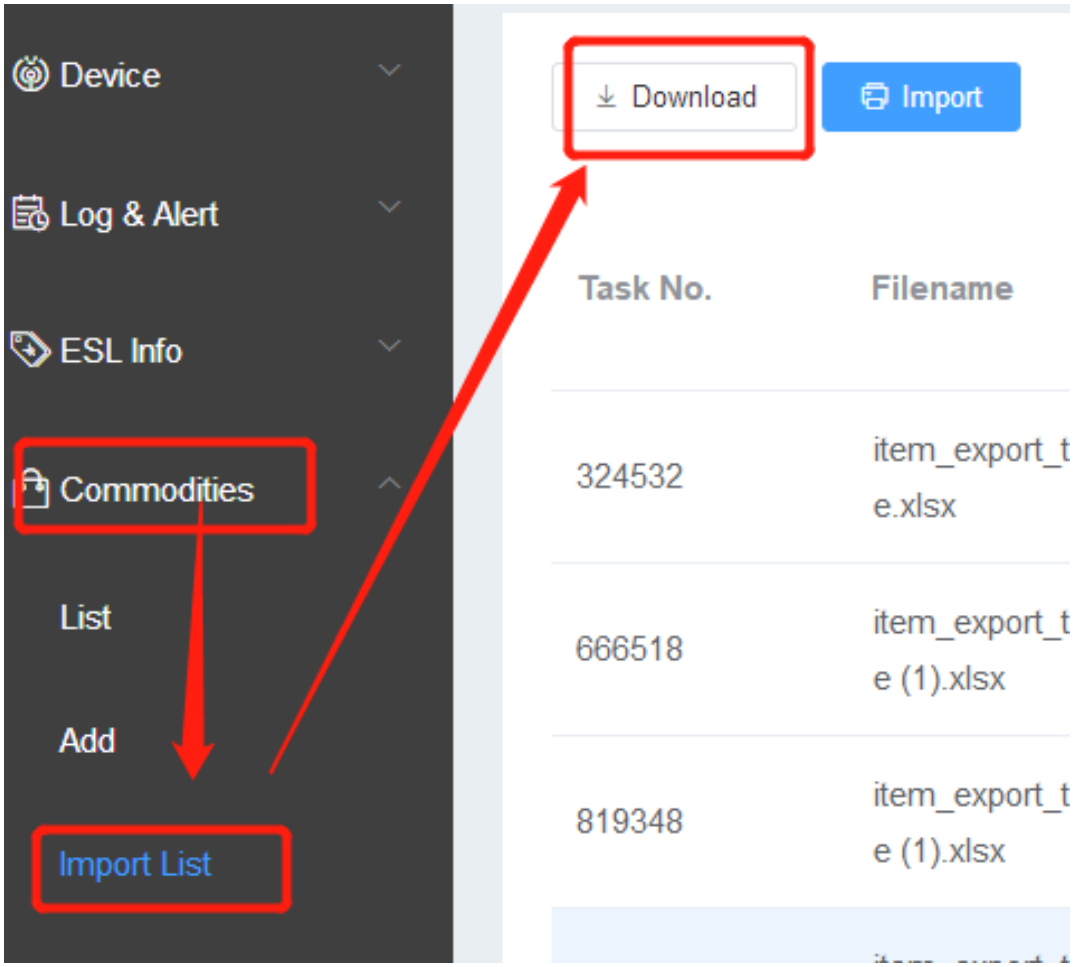
Field
ProductName

4. Import commodity information

(1)Download the product information template

Click“commodities”——“import list”——“download”





(2)Fill in the product information in the template

Open the downloaded “item_export_template” table. The item * is a required item. Delete the sample commodity information and fill in the commodity information that you need to import. Column items cannot be removed, added or deleted.

ItemId*	Item Barcode*	SKU No.	Item Name*	Original Price(Unit Cent)	Current Price(Unit Cent)*	Unit*	Level*	Origi
1235	6948939610782	123	Cocacola Cherry Flavor	100	50	pcs	High	USA

- Merchant ID*：it’s provided by Hangzhou Zkong Technical Service Department, please apply to Hangzhou Zkong
- Store ID*：click on “System Management”——“Store”，Store ID
- Item ID*：fill in it at will, just can be numbers，can’t start with 0, in the same store, items ID must be unique, such as：123123
- Item Code*：fill in the item code, in the same store, item code must be unique, such as：6932571061293
- Item Title*：just write the item name, such as：coffee
- Item Price(unit cent integer)*：the unit is cent, such as：8 dollars needs to write 800
- Item Unit*：such as：bag
- Item Grade*：such as：qualified
- Item Origin*：such as：USA
- Item QR Code Link：feel free to fill in，can be used as an entrance to the online mall，such as https://item.jd.com/100000205012.html
- Whether to promote(yes true no false)：promotion fill in TRUE; no promotion fill in FALSE

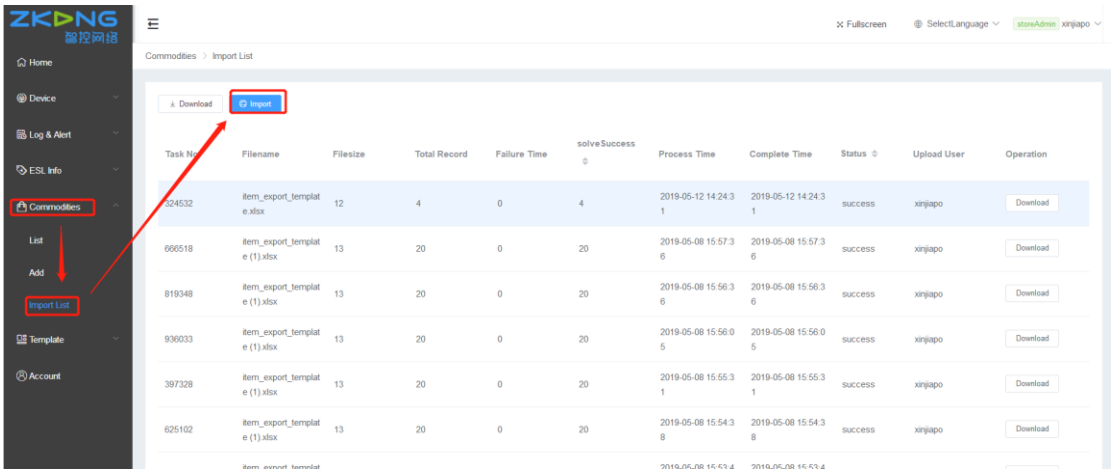
After filling in all options, save the item_export_template

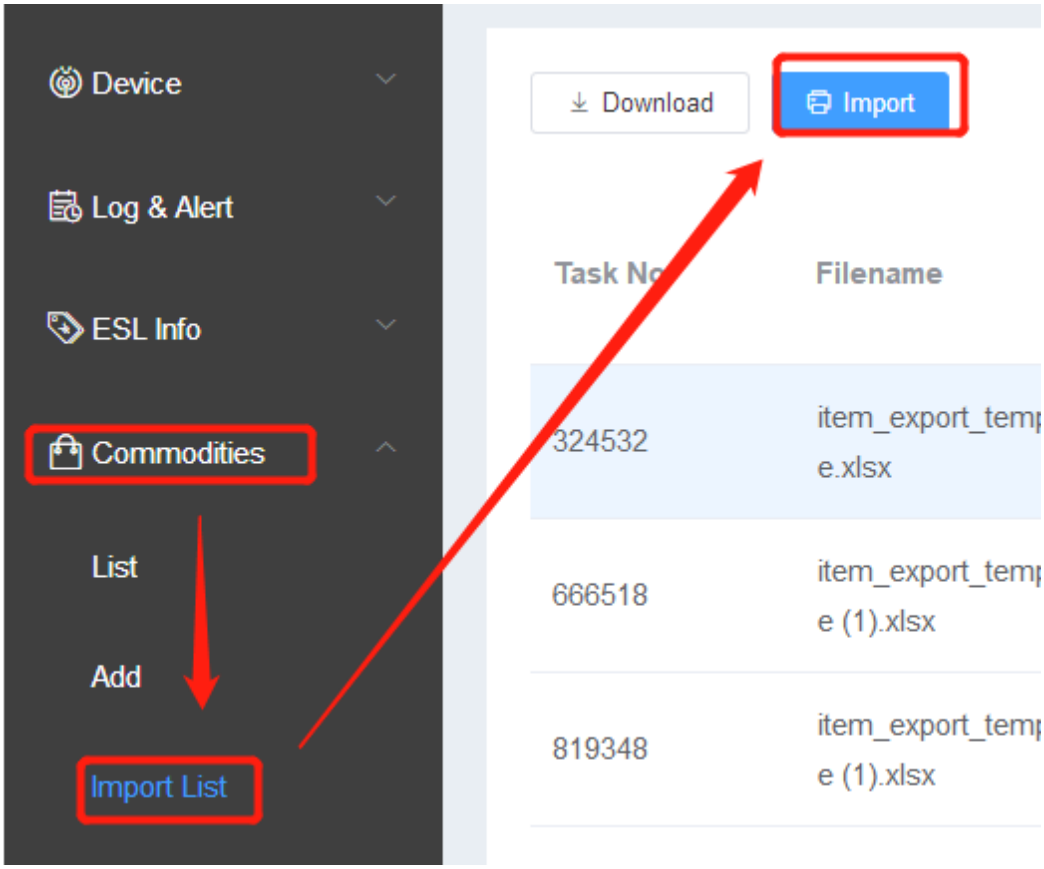
(3) Import item_export_template

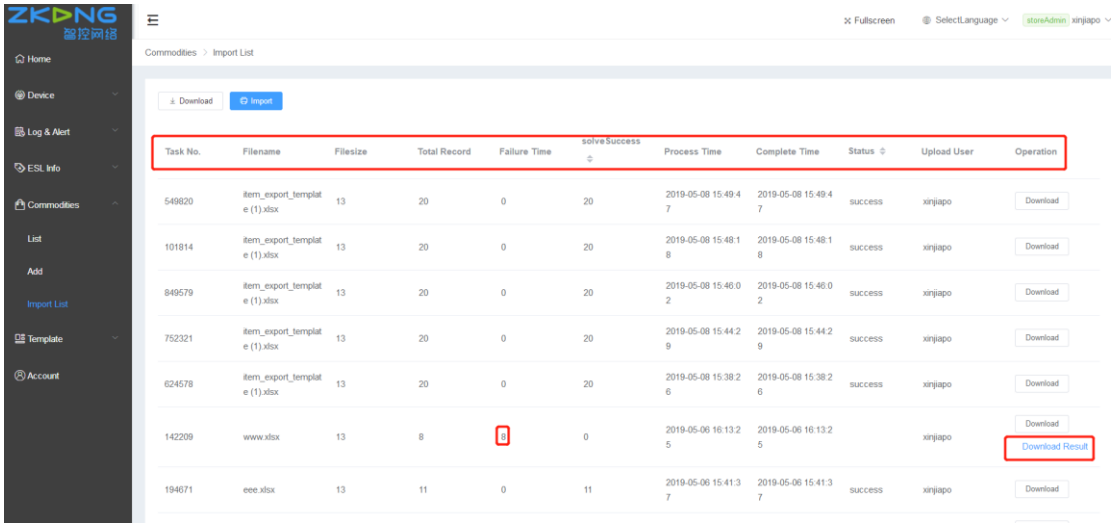
1. Click "commodities" -- "import list" -- "import" -- "upload import file", select the item_export_template table that has been filled in, and click ok after uploading.

2. View the list page (refresh the page if there is no response within one minute). The first log shows successful processing to upload successfully.

3. If the number of processing failures is more than 0, the error file can be downloaded and opened to check the error cause.

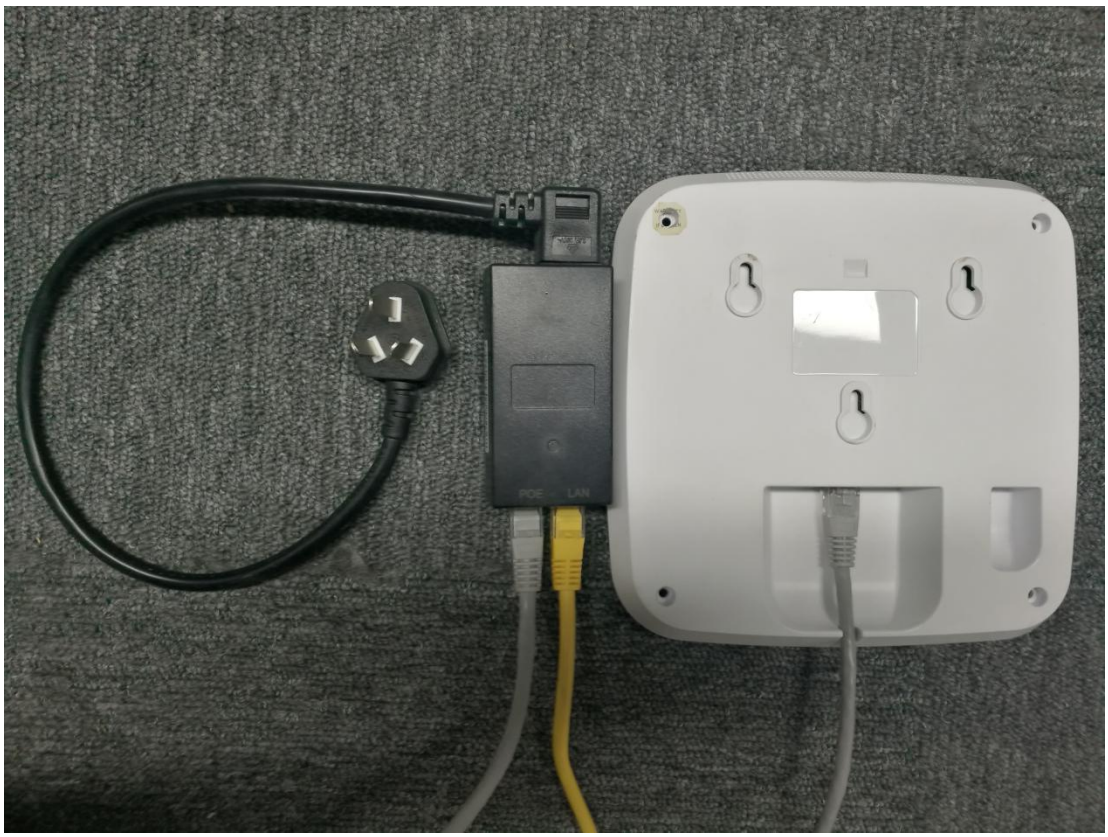

ZKONG
Home
Device
Log & Alert
ESL Info
Commodities
List
Add
Import List
Template
Account
Commodities > Import List
Download
Import
Task No
Filename
Filesize
Total Record
Failure Time
solveSuccess
Process Time
Complete Time
Status
Upload User
Operation
324532
item_export_template.xlsx
666518
item_export_template (1).xlsx
819348
item_export_template (1).xlsx
936033
item_export_template (1).xlsx
397328
item_export_template (1).xlsx
625102
item_export_template (1).xlsx
success
xinjiapo
Download


Device
Log & Alert
ESL Info
Commodities
List
Add
Import List
Download
Import
Task No
Filename
324532
item_export_temp
e.xlsx
666518
item_export_temp
e (1).xlsx
819348
item_export_temp
e (1).xlsx

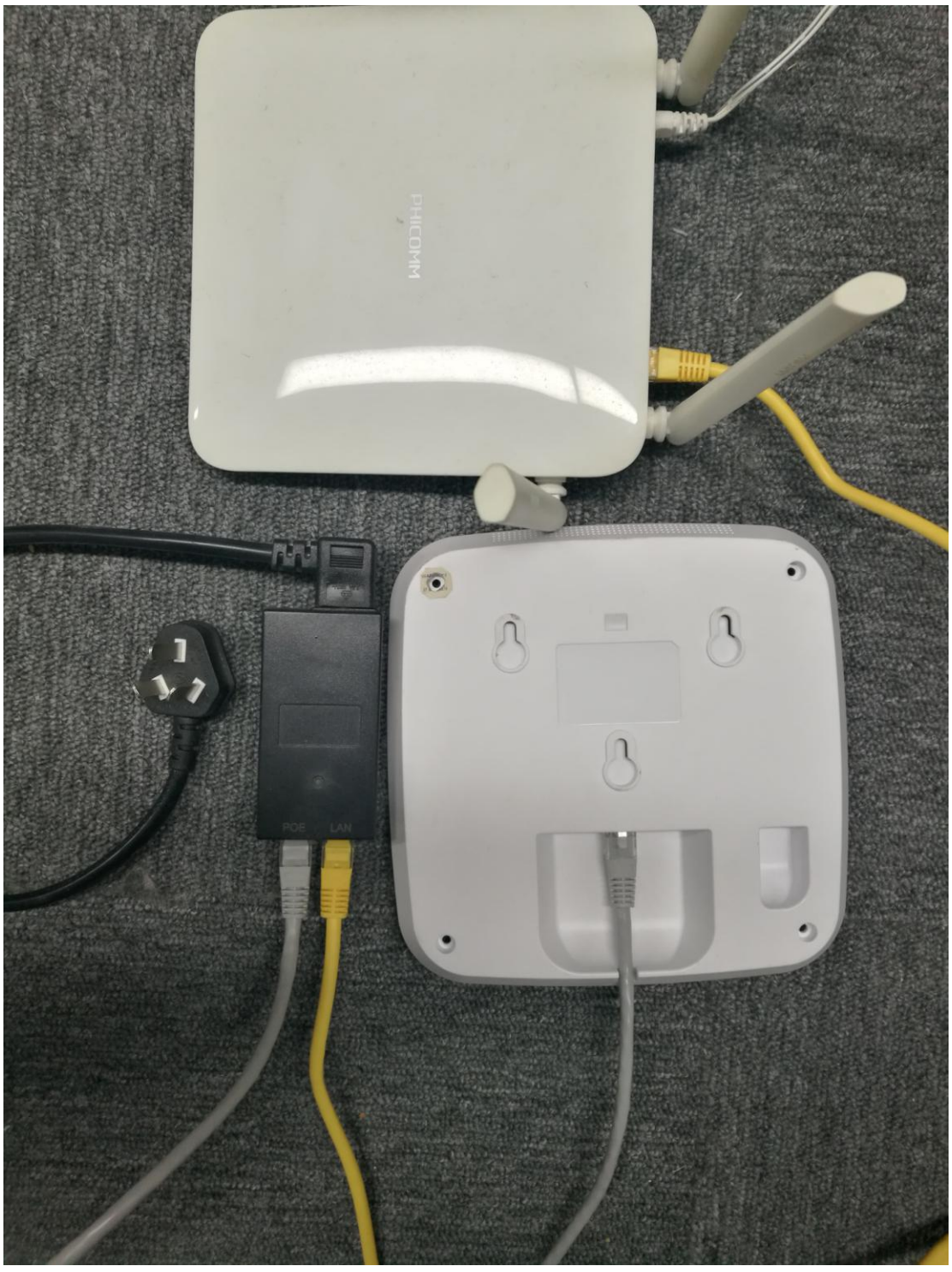


5. Connect base station

1. Take out PoE power injector, plug in inset socket, and connect PoE port of PoE injector to base station(white cable connection).



2. The LAN port of the PoE injector is connected to the router, as shown in the figure below
Remarks: the router's address is allocated automaticly.

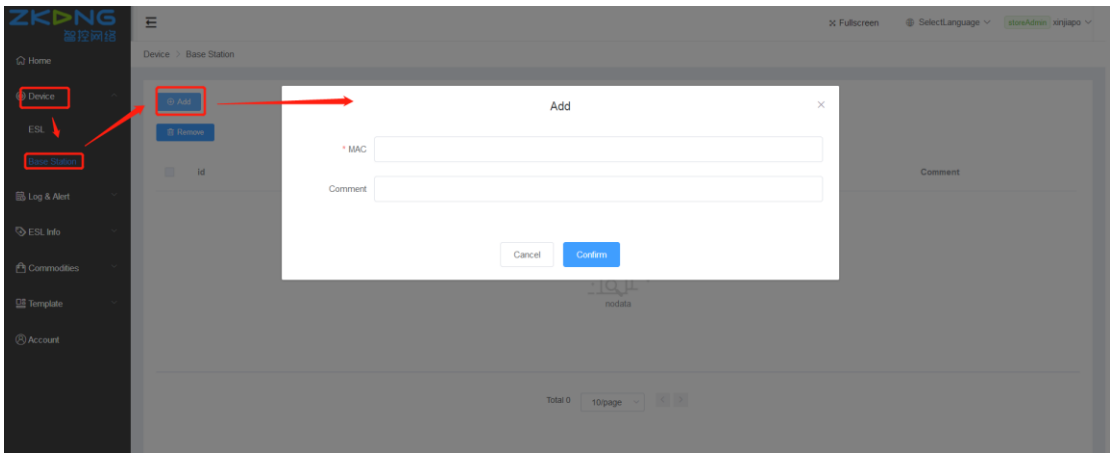


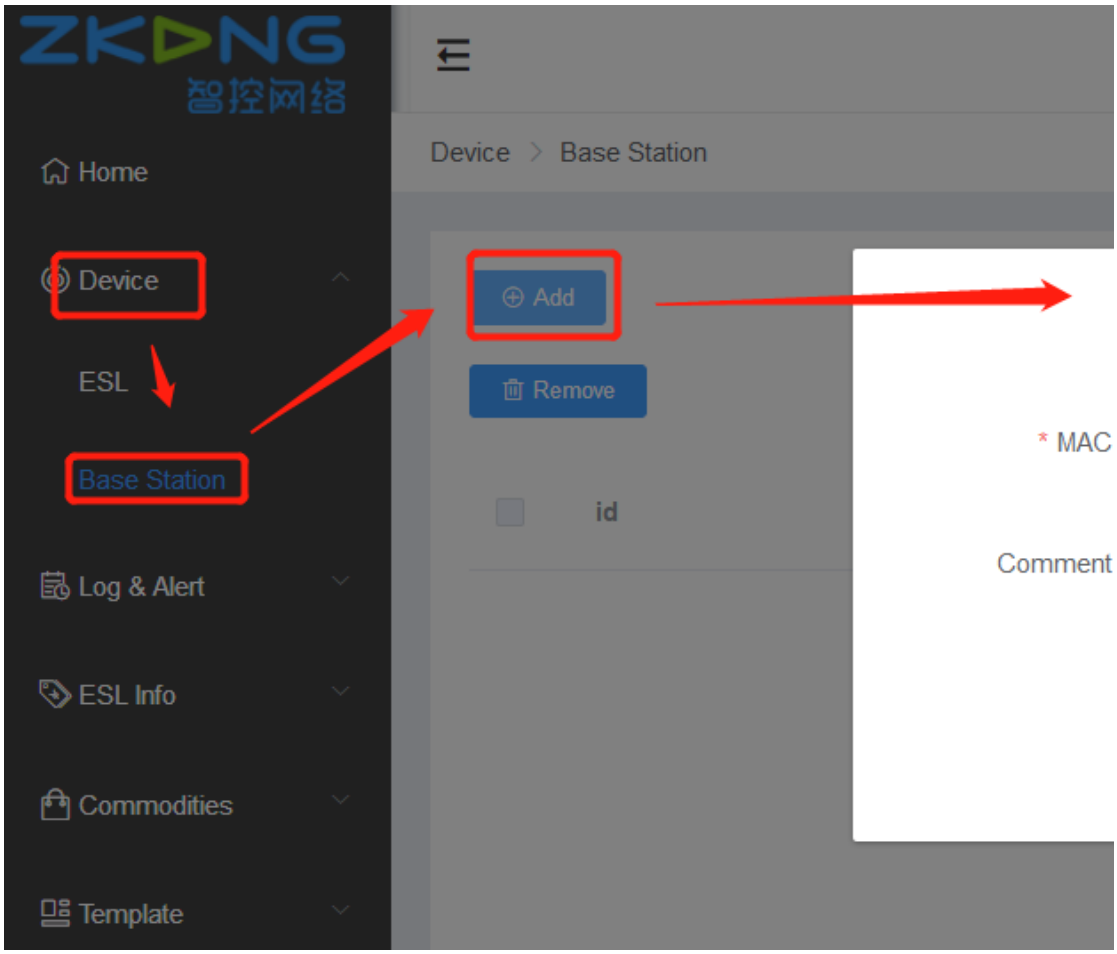
3. Activate ESL

ESL will be placed around the online AP (within a radius of 15m) and will be activated automatically in 10 minutes.

6.Add AP

After logging in, enter the system, click "device" -- "base station " -- "add", and pop up the window "Add”.

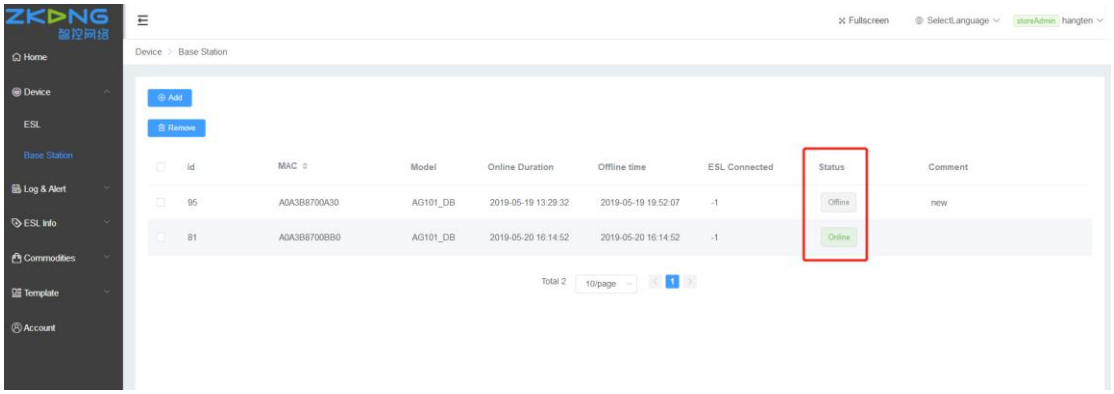


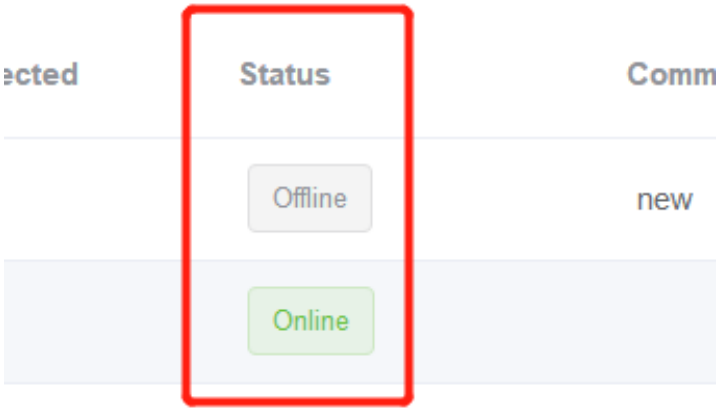


Example as follows:

Device MAC: There is a device MAC on the back of the base station. Please fill in the MAC address in the red box as below. The MAC address A0A3xx,(0 is zero, not the letter O).

Done, click"Confirm” to check the AP state of the in the list.

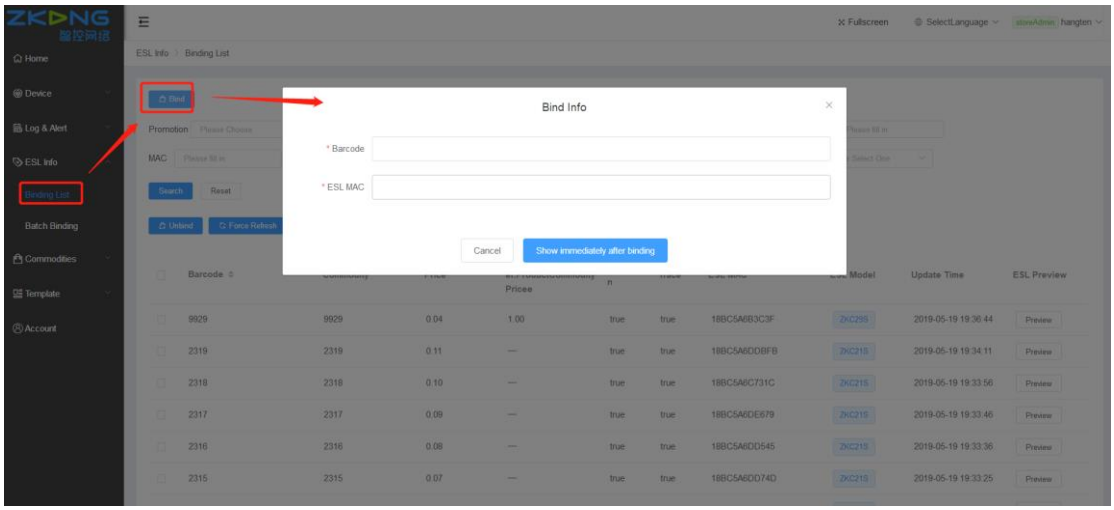


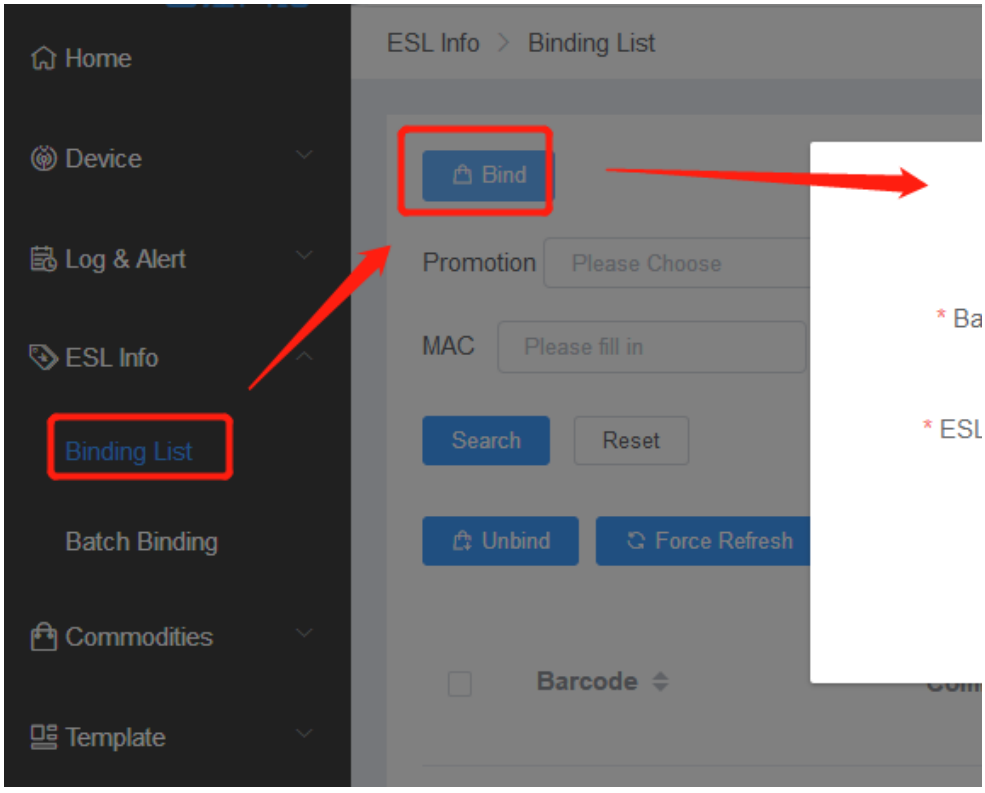


7.ESL binding with the commodity

7.1 Single binding

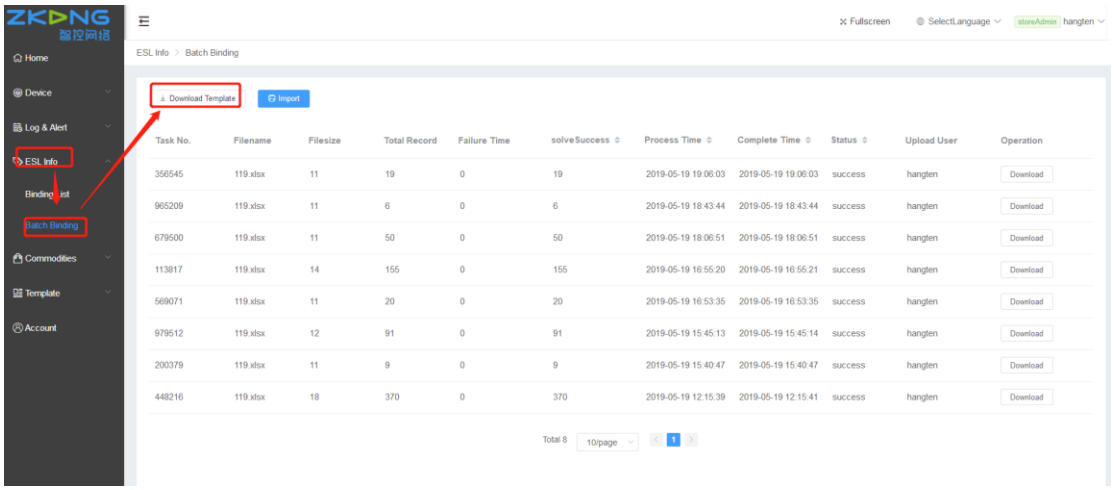
Click "bind" on the page of "binding list" - "binding list", fill in the barcode of goods to be binding and the barcode of ESL in the popup of binding relationship, and click "show immediately after binding".

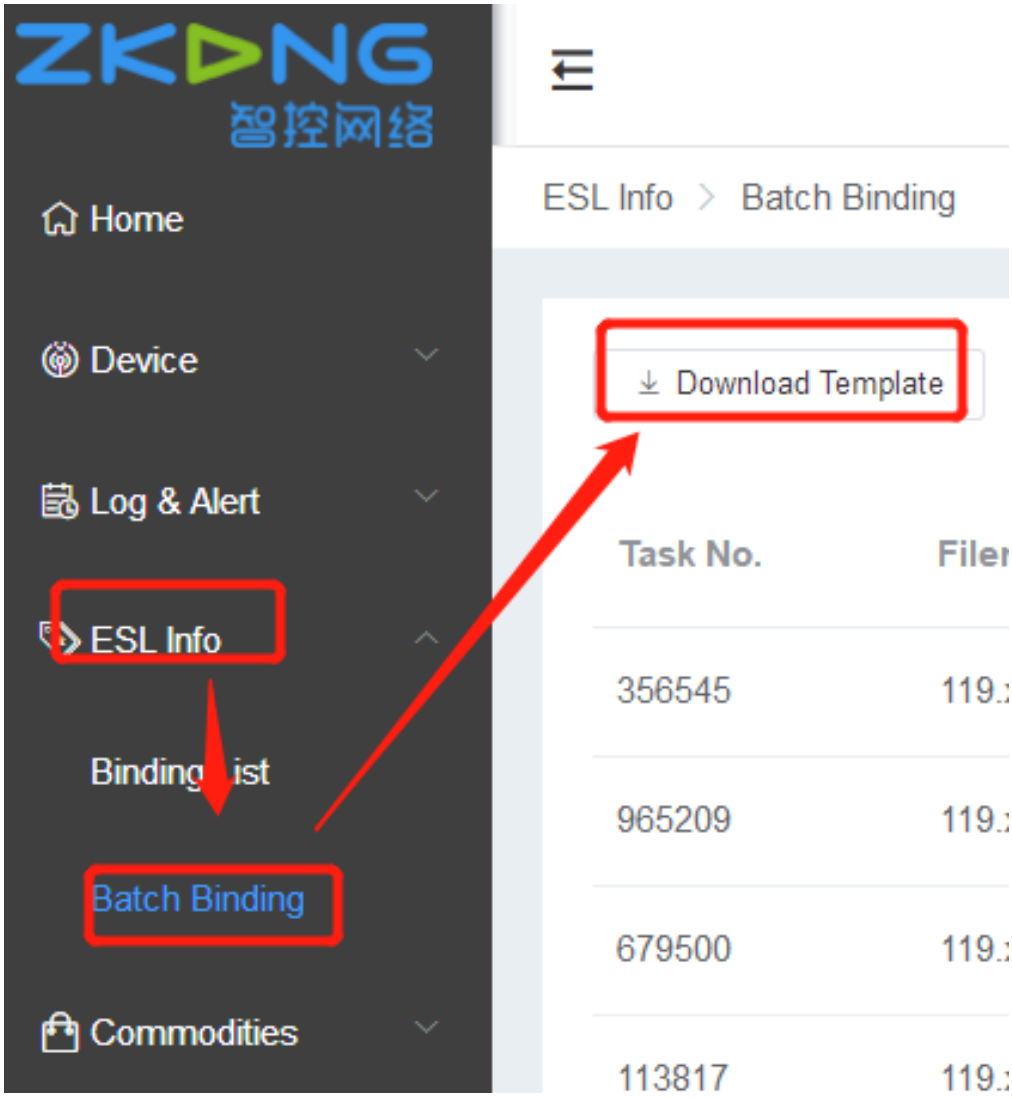




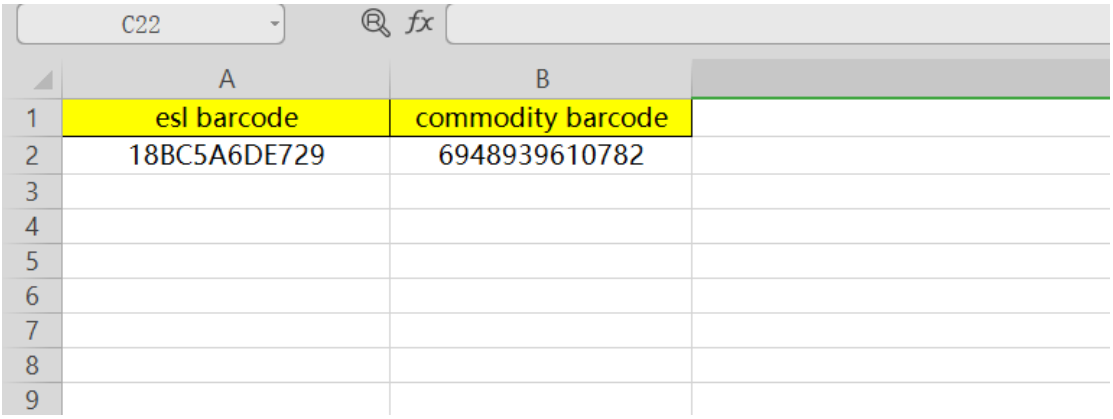
7.2 Batch binding

1、Download batch binding template. Click "ESL info" - "batch binding" - "download template ", download the template.





2、Fill in the commodity barcode and ESL barcode in the template.



	A	B
1	esl barcode	commodity barcode
2	18BC5A6DE729	6948939610782
3		
4		
5		
6		
7		
8		
9		

3、Import the template document of the filled information.

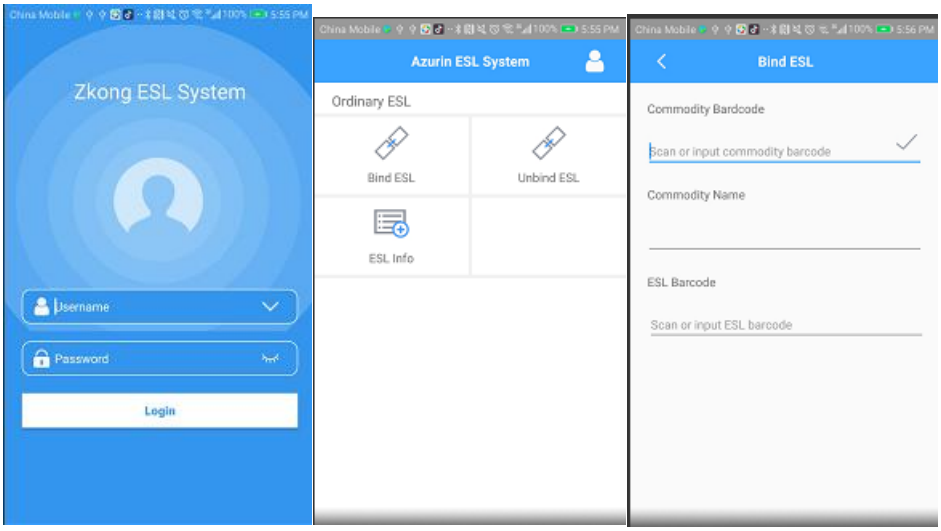
7.3 Using PDA binding

（1）turn on and connect to WiFi

PDA has a small power button on the top, long press for switch, short press for wake up scree. After wake up, PDA can be connected to the Internet, the same operation as the mobile phone.

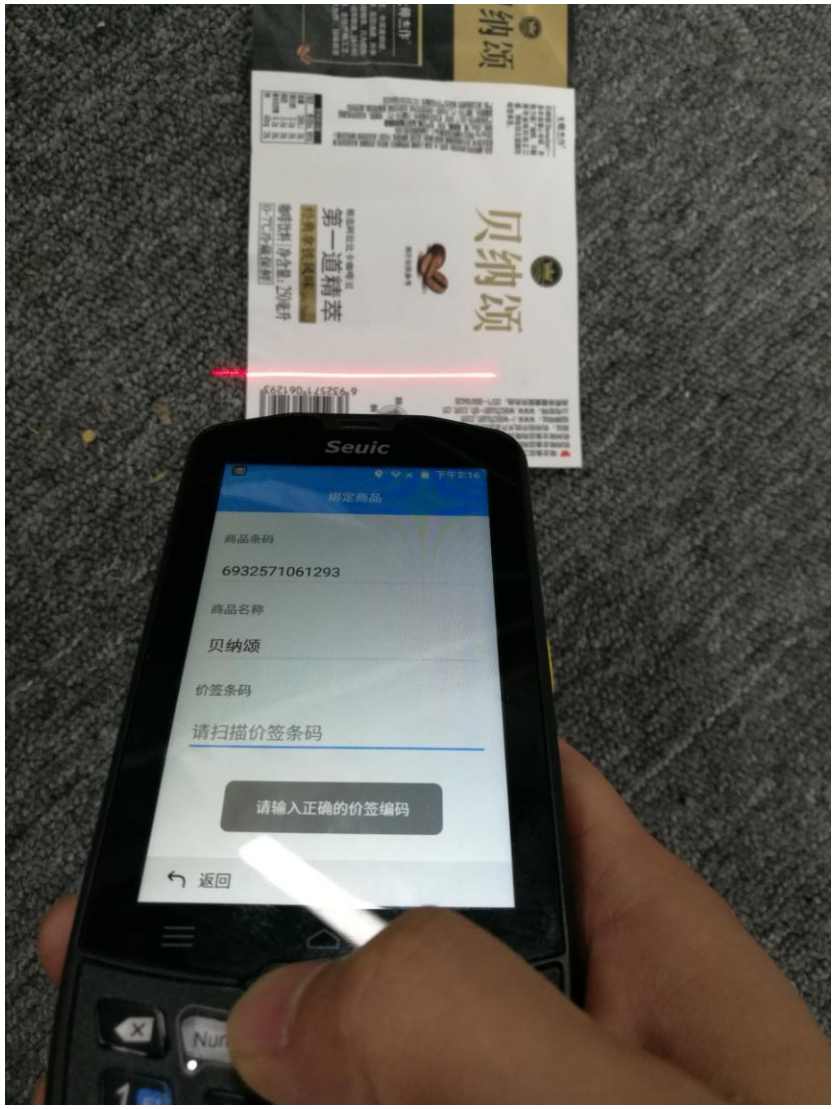
（2）Use the APP

Open the "Zkong ESL" app in PDA, enter the user name and password of the store manager, and then click "bind ESL".



Press the yellow button in the middle of the PDA (no need of manual input of 69 codes), scan the 69 codes of the product firstly, showing the product name information, and then scan the black bar code of ESL (in the lower right corner of cover). PDA will show “submit successfully” and ESL will display product information automatically.

新鲜蔬菜 西红柿
Fresh tomato
7.99元
Seuic
绑定商品
商品条码
请扫描商品条码
商品名称
价签条码
请扫描价签条码
返回


贝纳颂
第一道精萃
Seuic
下午2:16
绑定商品
商品条码
6932571061293
商品名称
贝纳颂
价签条码
请扫描价签条码
请输入正确的价签编码
返回

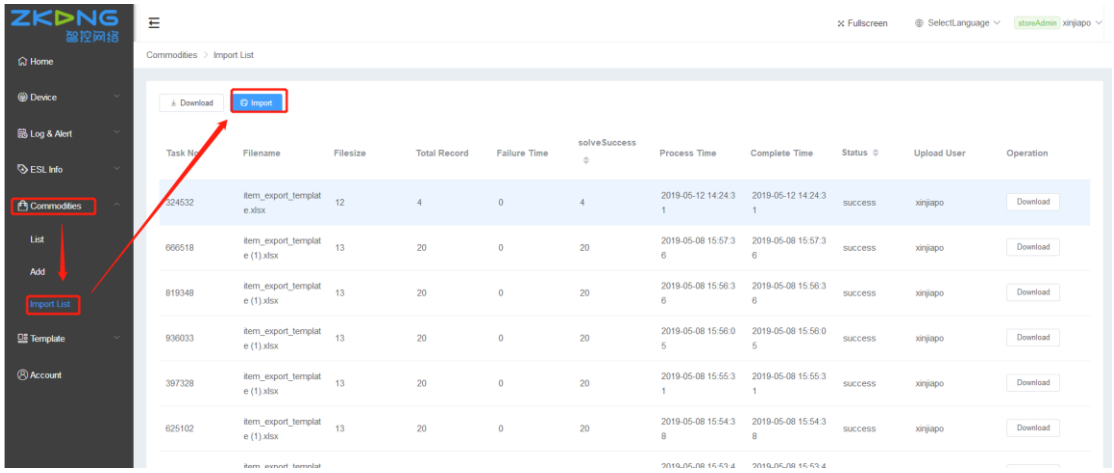
8.Modify product information

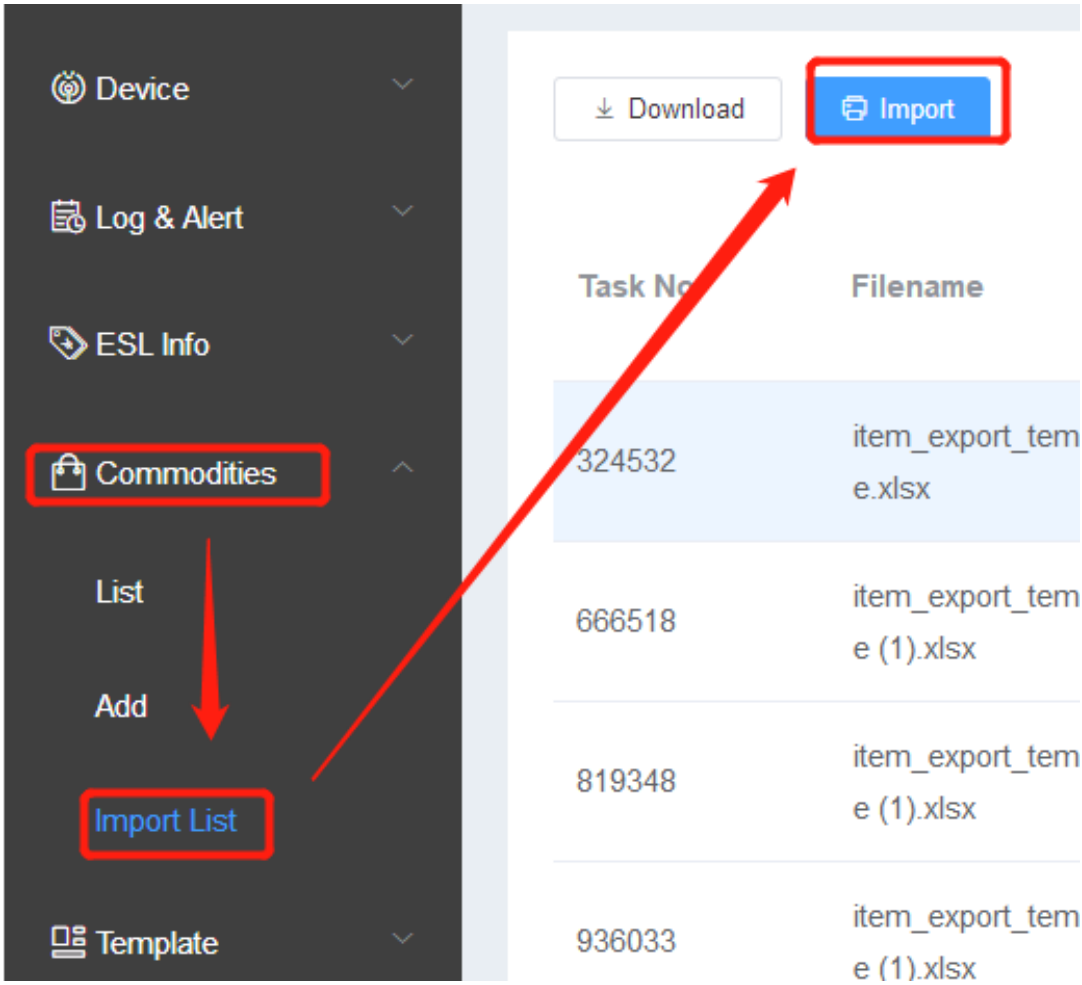
(1) Modify product information

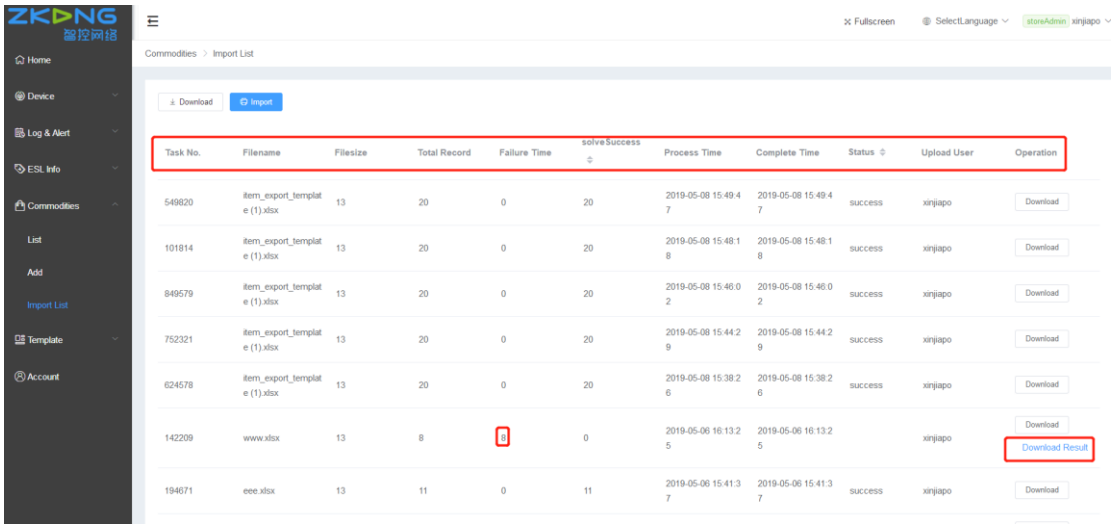
Modify the information of the item in item_export_template, and save it after the modification “Product barcode” cannot be modified. If modified, it will be a new product, which needs to be re-binding.

(2) Import item_export_template

1. Click "commodities" -- "import list" -- "import" -- "upload import file", select the item_export_template table that has been filled in, and click ok after uploading.
2. View the list page (refresh the page if there is no response within one minute). The first log shows successful processing to be uploaded successfully.
3. If the number of processing failures is more than 0, the error file can be downloaded and opened to check the error cause.




Device
Log & Alert
ESL Info
Commodities
List
Add
Import List
Template
Download
Import
Task No
Filename
324532
item_export_tem
e.xlsx
666518
item_export_tem
e (1).xlsx
819348
item_export_tem
e (1).xlsx
936033
item_export_tem
e (1).xlsx


ZKPNG
Commodities > Import List
Download
Import
Task No.
Filename
Filesize
Total Record
Failure Time
solveSuccess
Process Time
Complete Time
Status
Upload User
Operation
549820
101814
849579
752321
624578
142209
194671
Download
Download Result

After successful uploading, the corresponding ESL will automatically change the display information

9.Regulatory information

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.

Attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This product 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 product 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 product 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.