

Contents [[hide](#)]

- [1 Zkong ZAPDL Digital Label System](#)
- [2 Product introduction](#)
- [3 Merchant- Store and Account](#)
- [4 Add the store template](#)
- [5 Import commodity information](#)
- [6 Connect base station](#)
- [7 ESL binding with the commodity](#)
- [8 Modify product information](#)
- [9 Frequently Asked Questions](#)
- [10 Documents / Resources](#)
 - [10.1 References](#)



Zkong ZAPDL Digital Label System



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. Electronic Shelf Label
ESL works around AP.



Merchant- Store and Account

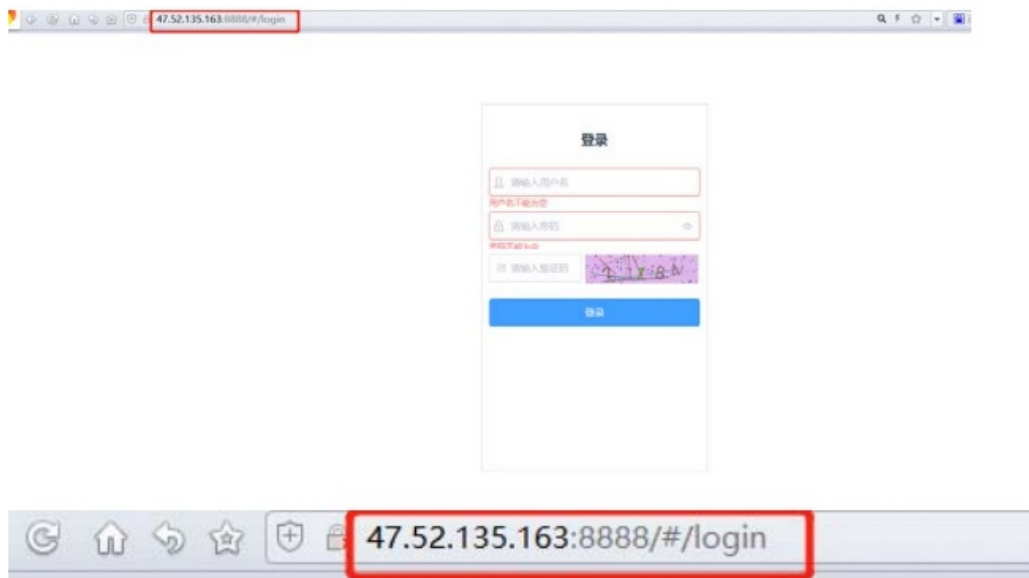
Add merchant and get merchant account in the ESL platform

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.

Log in ESL platform

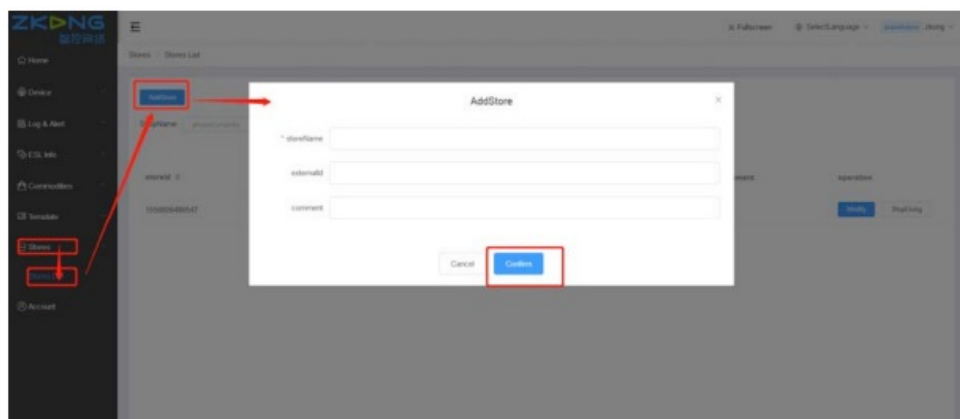
Copy <http://47.52.135.163:8888/#/> to a browser and open it, enter the merchant administrator user name and password.

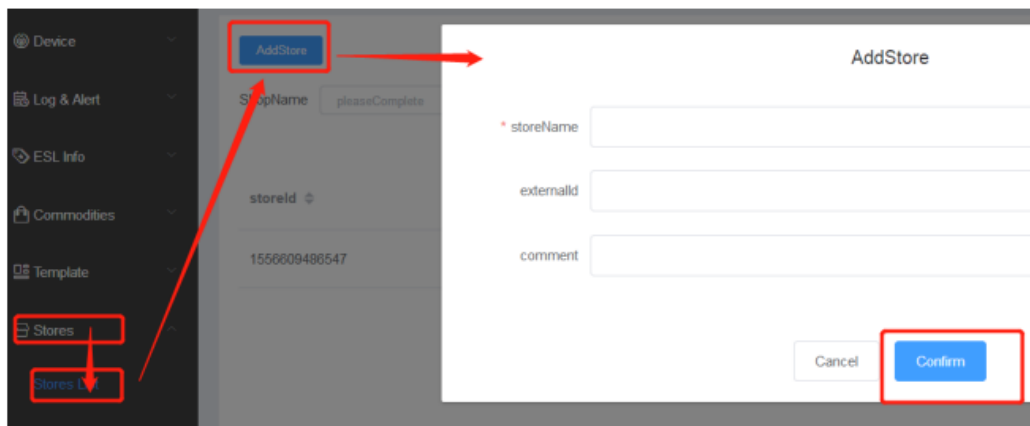


Add new store

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

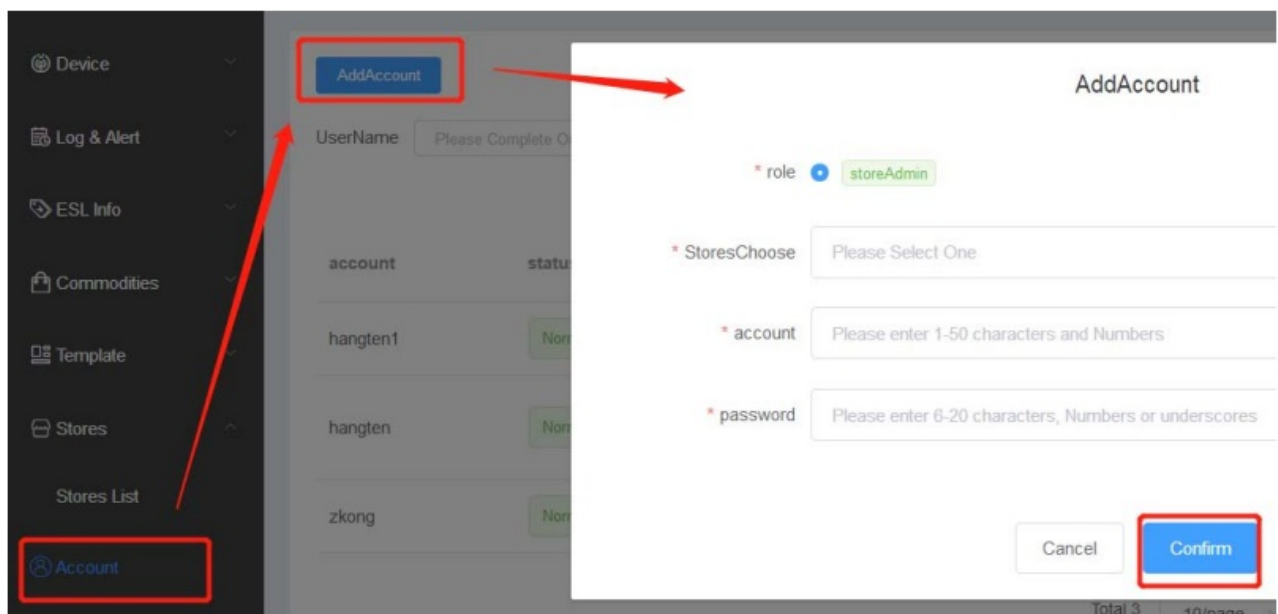
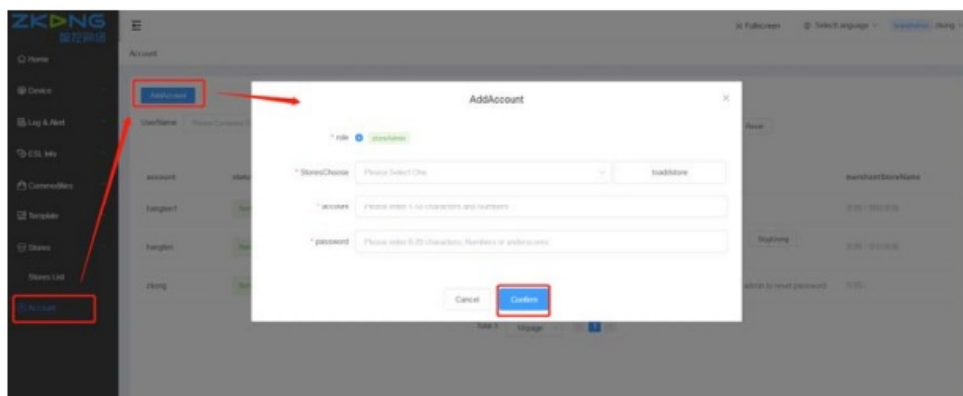
1. After logging in the system, click “stores” - “stores list” - “add store”.
2. Enter the store name and click “confirm”.





Add new store manager account

1. Click “account ” - “add account”;
2. Select the newstore;
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

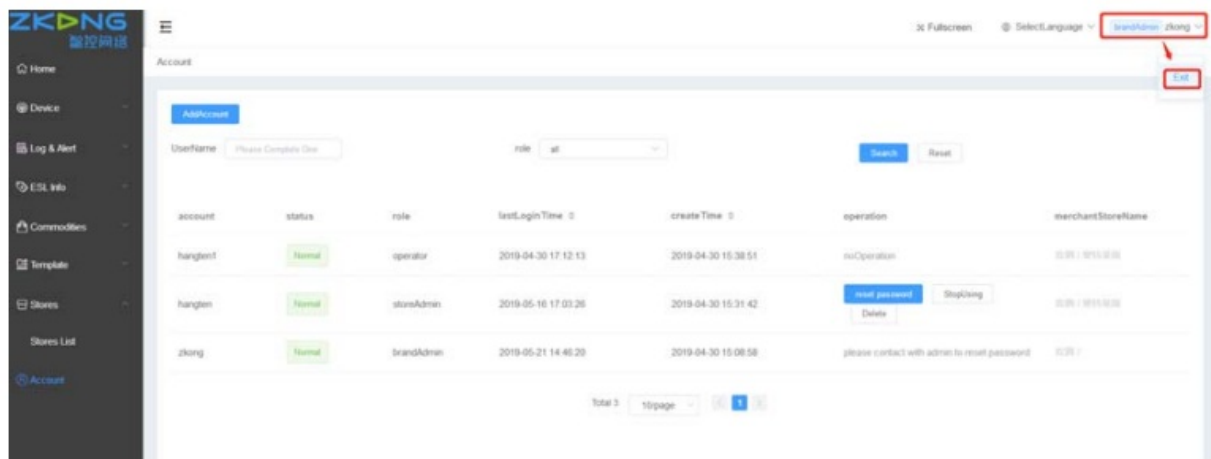
to set it up in advance.

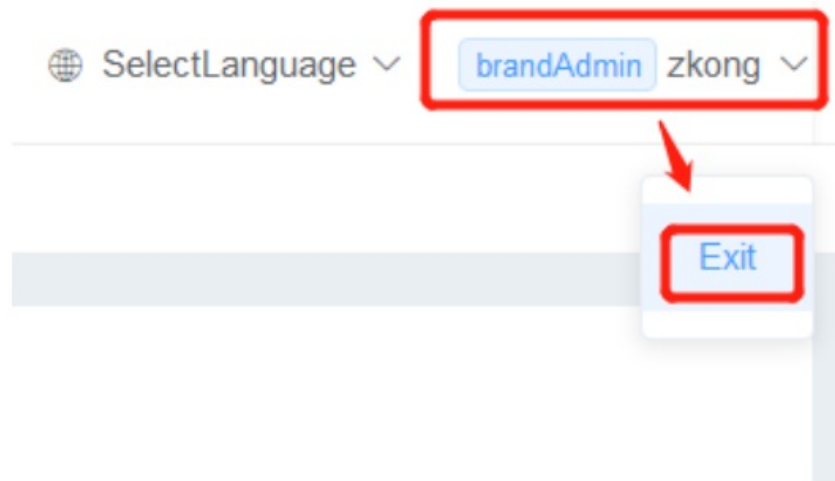
6. Add merchant template

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. Log in 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. Log in with the new store manager's account and password.





登录

请输入用户名

用户名不能为空

请输入密码

密码不能为空

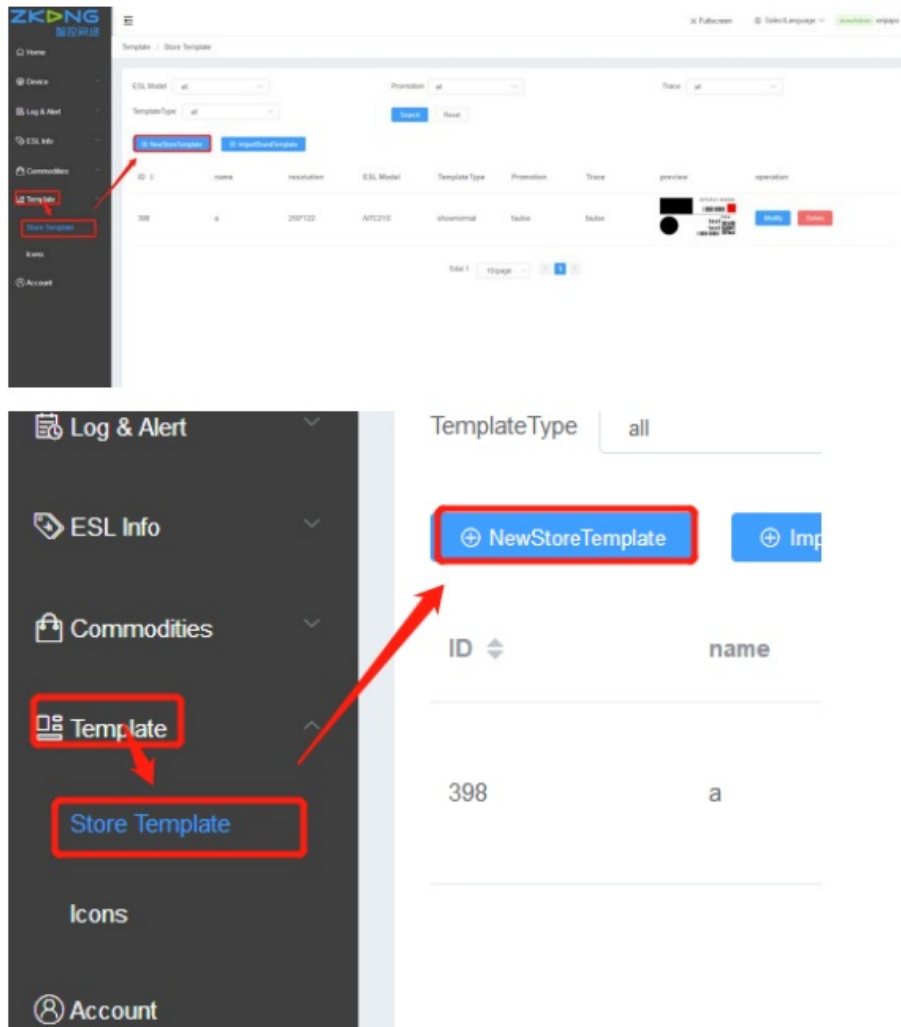
请输入验证码

验证码

登录

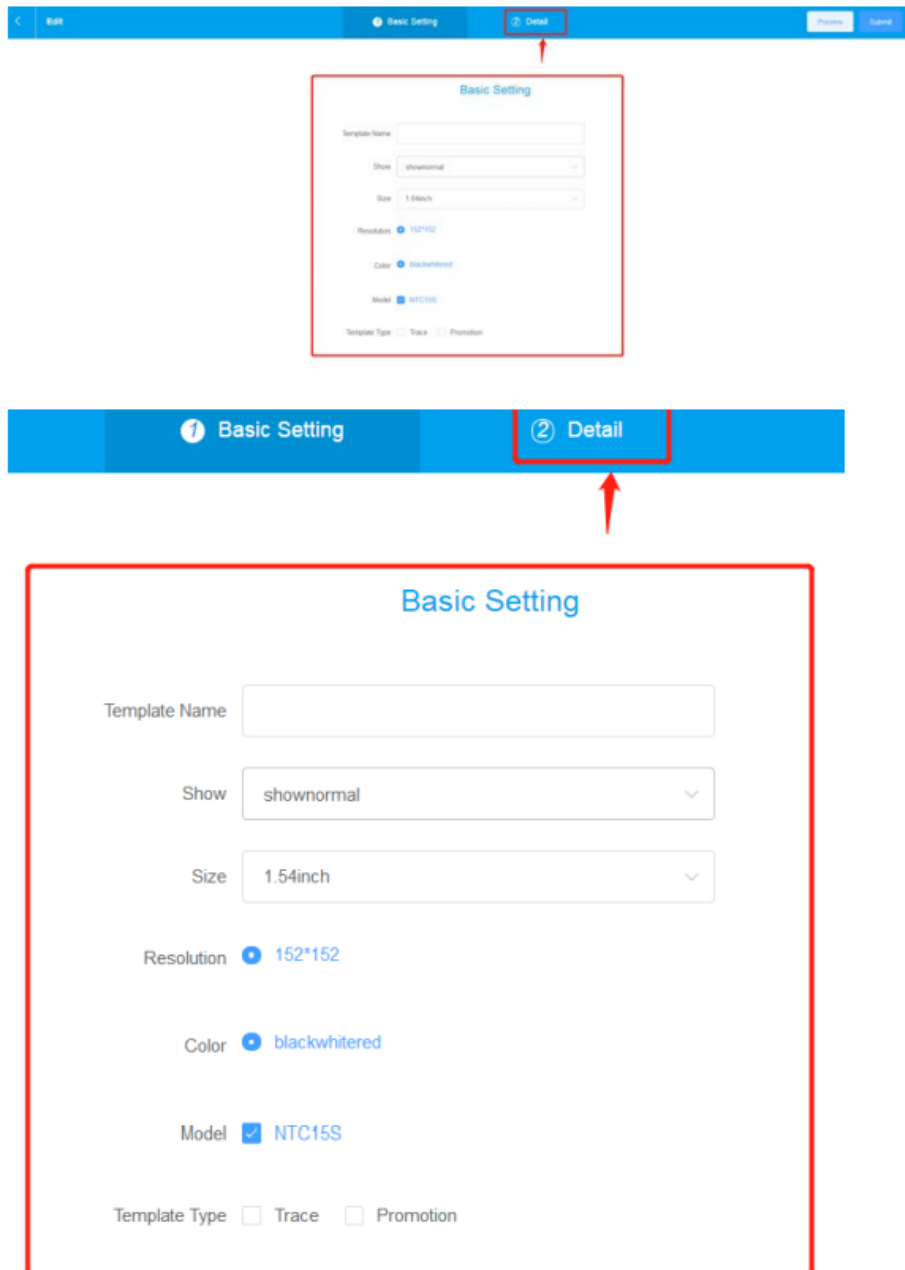
Add the store template

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



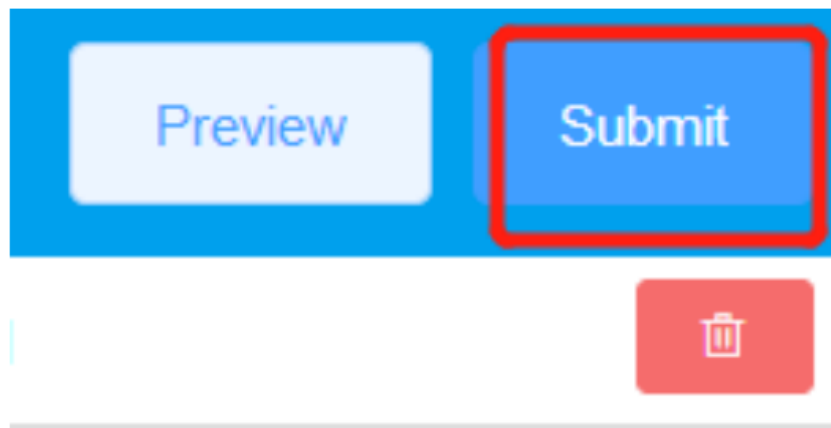
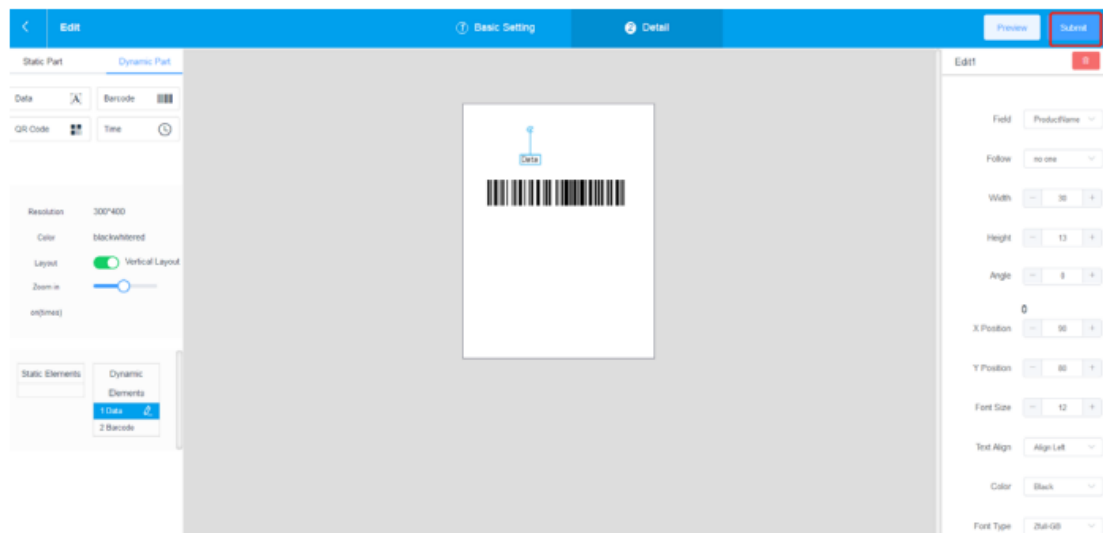
3. Edit the basic setting information of the template

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.



Field

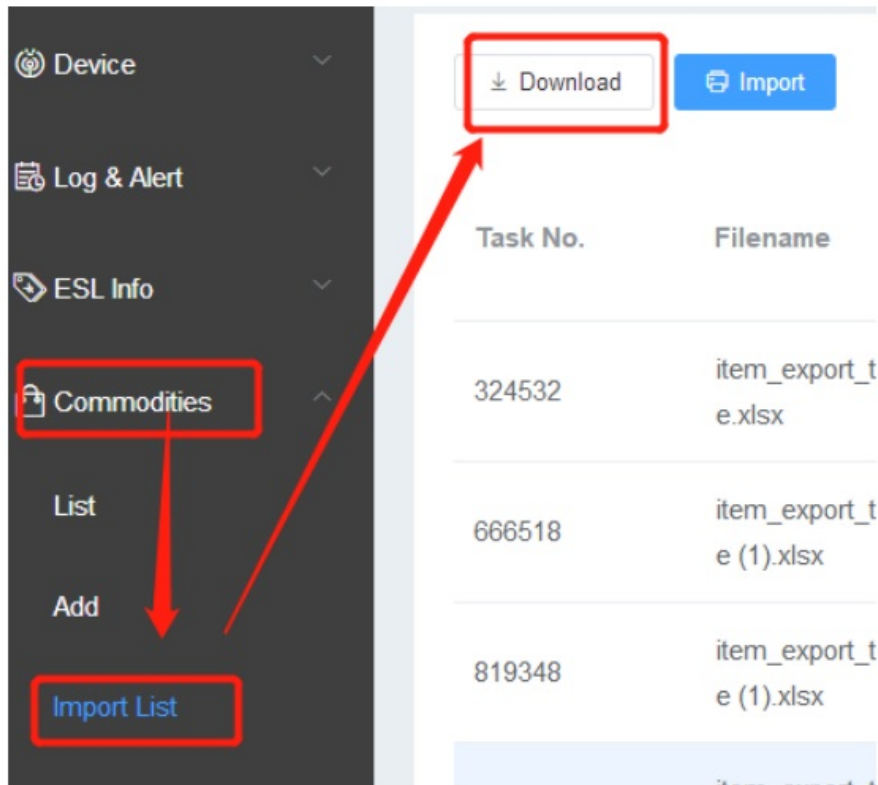
ProductName



Import commodity information

1. Download the product information template

The screenshot shows the ZKING web interface. On the left sidebar, the 'Commodities' menu item is highlighted with a red box. A red arrow points from this menu item to the 'Import List' button in the top navigation bar, which is also highlighted with a red box. Below the navigation bar, a table displays import records with columns: Task No., Filename, Filesize, Total Record, Failure Time, Import Success, Process Time, Complete Time, Status, Upload User, and Operation. The table contains several rows of data, with the first row highlighted in blue. The 'Operation' column for each row contains a 'Download' button.



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.

A	B	C	D	E	F	G	H	I
ItemID*	Item Barcode*	SKU / No.	Item Name*	Original Price(Unit Cost)	Current Price(Unit Cost)*	Unit*	Level*	Qty
1	1236	6940939610762	123	Cocacola Cherry Flavor	200	90	jars	high
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								

- Merchant ID* it's provided by Hangzhou Zkong Technical Service Department, please apply to Hangzhou Zkong
- Store ID* click on “System Management”—“Store” S tore ID
- Item ID* fill in it at will, just can be numbers can't start with 0, in the same store, items

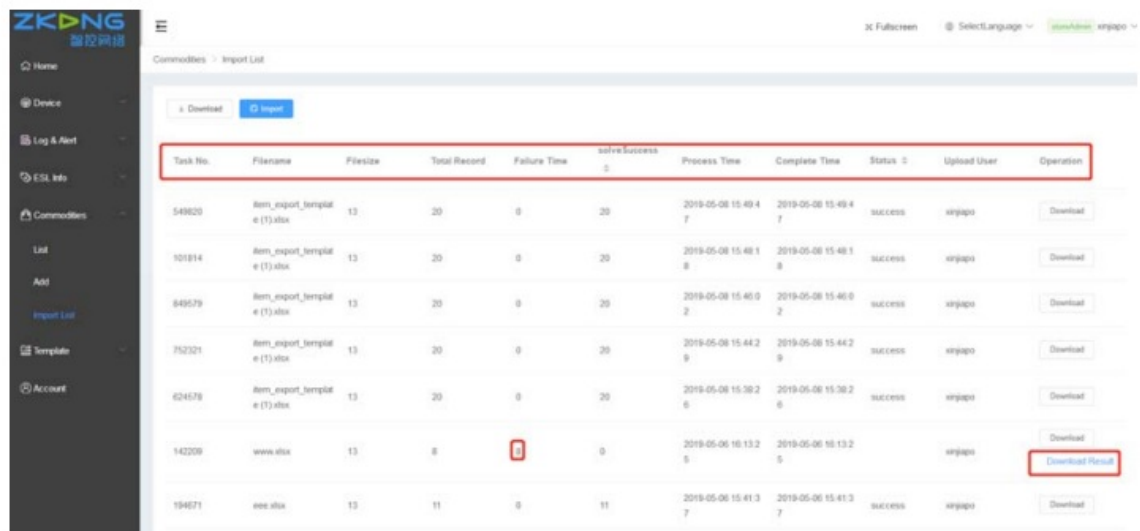
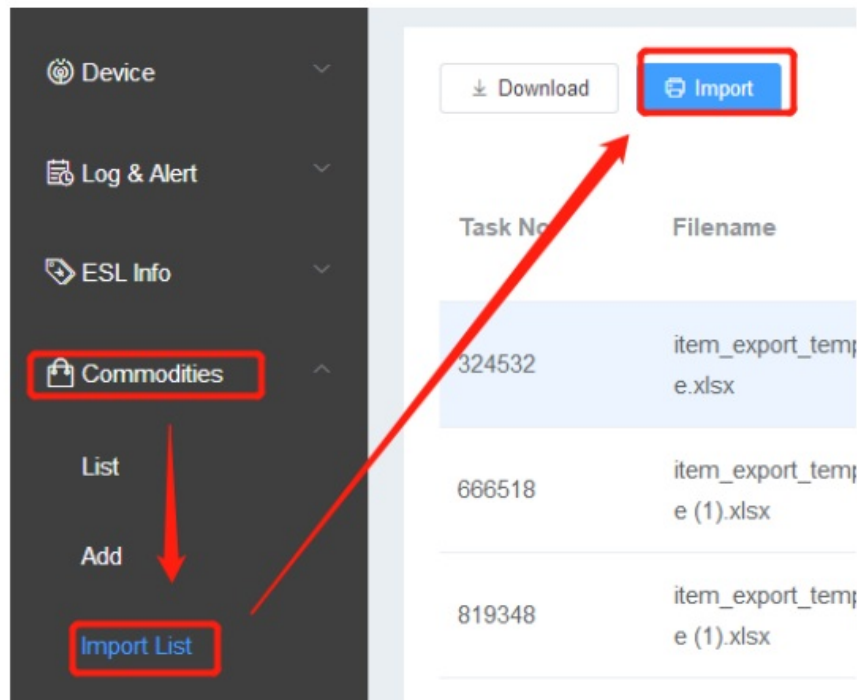
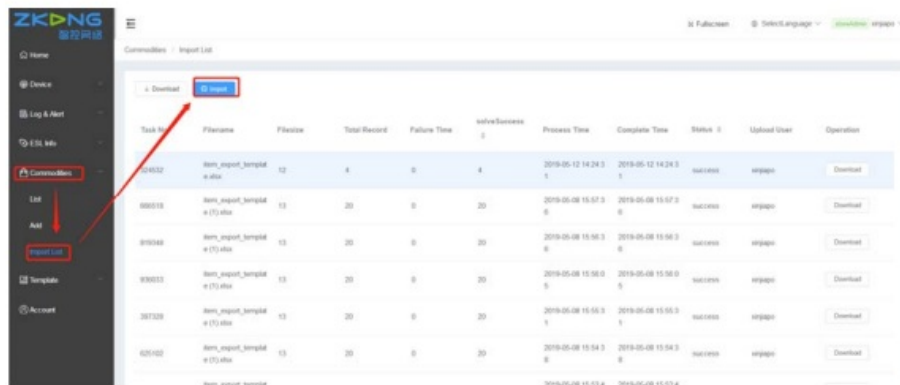
ID must be unique, such as 123123

- Item Code* fill in the item code, in the same store, item code must be unique, such 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

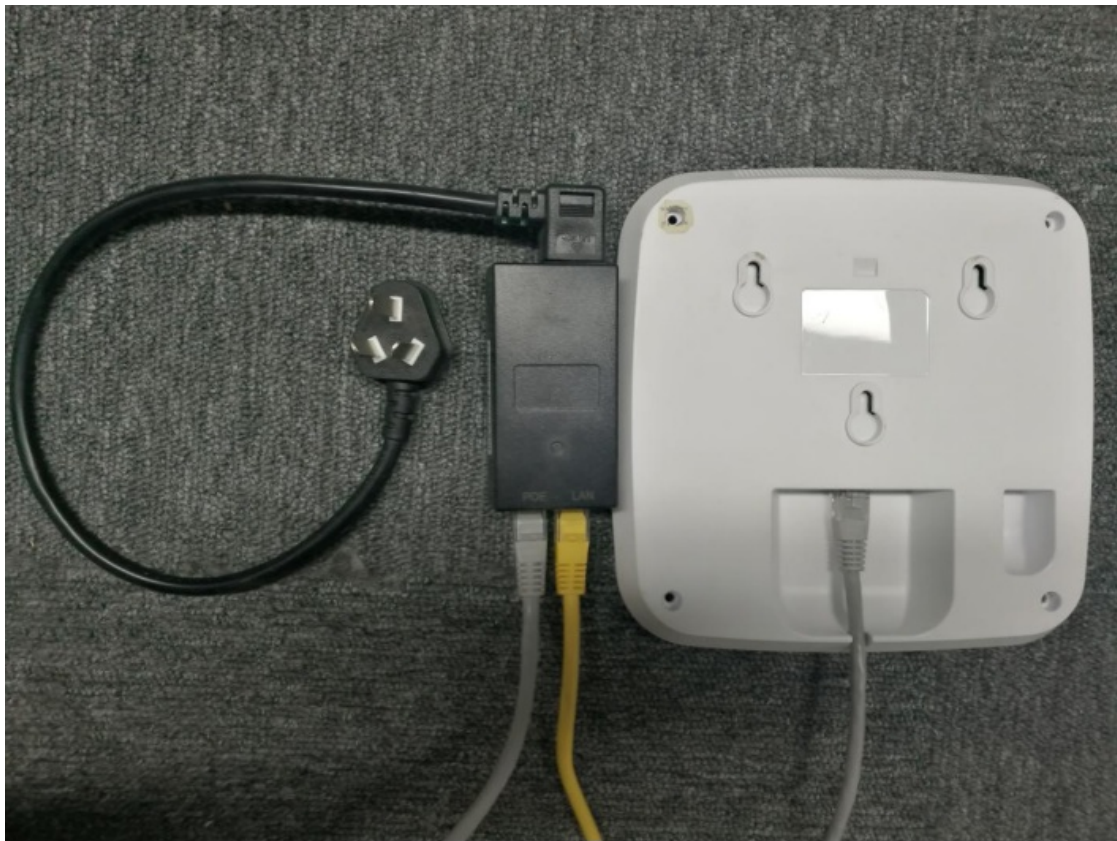
Import item_export_template

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.

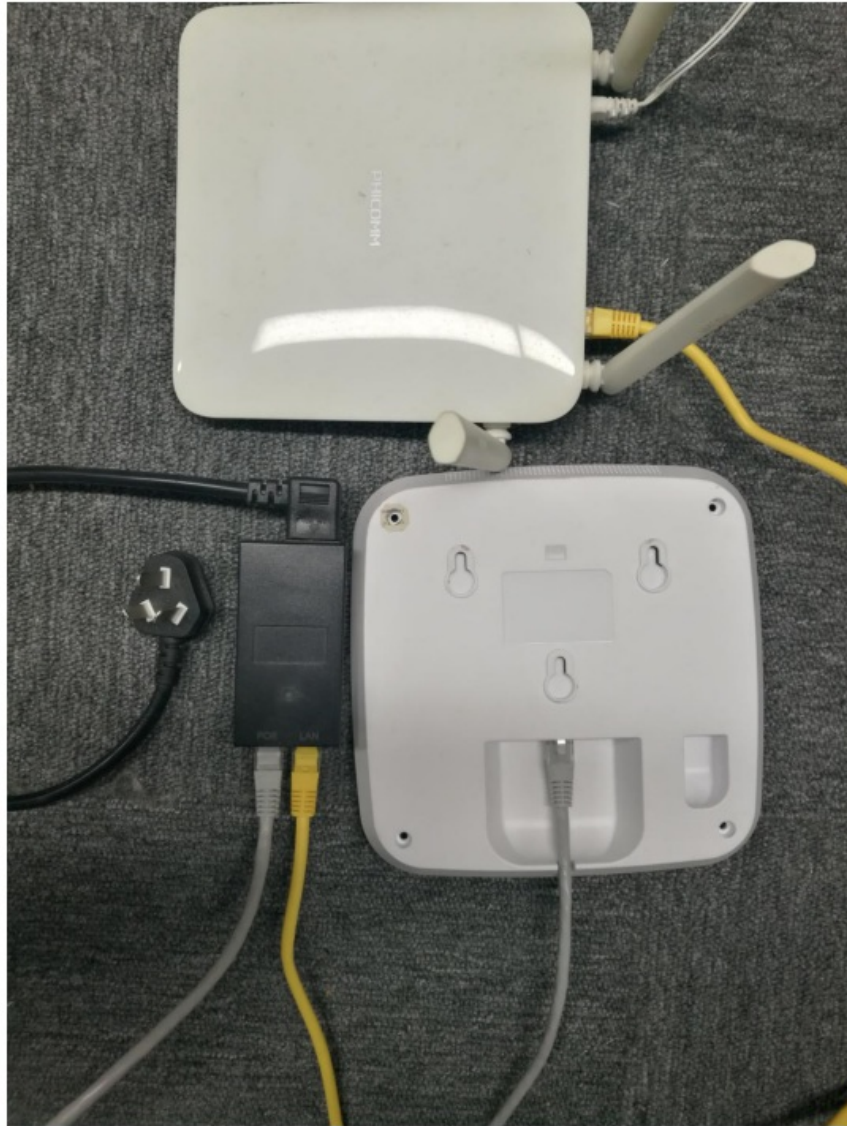


Connect base station

1. Take out PoE power injector, plug ininset 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 automatically.



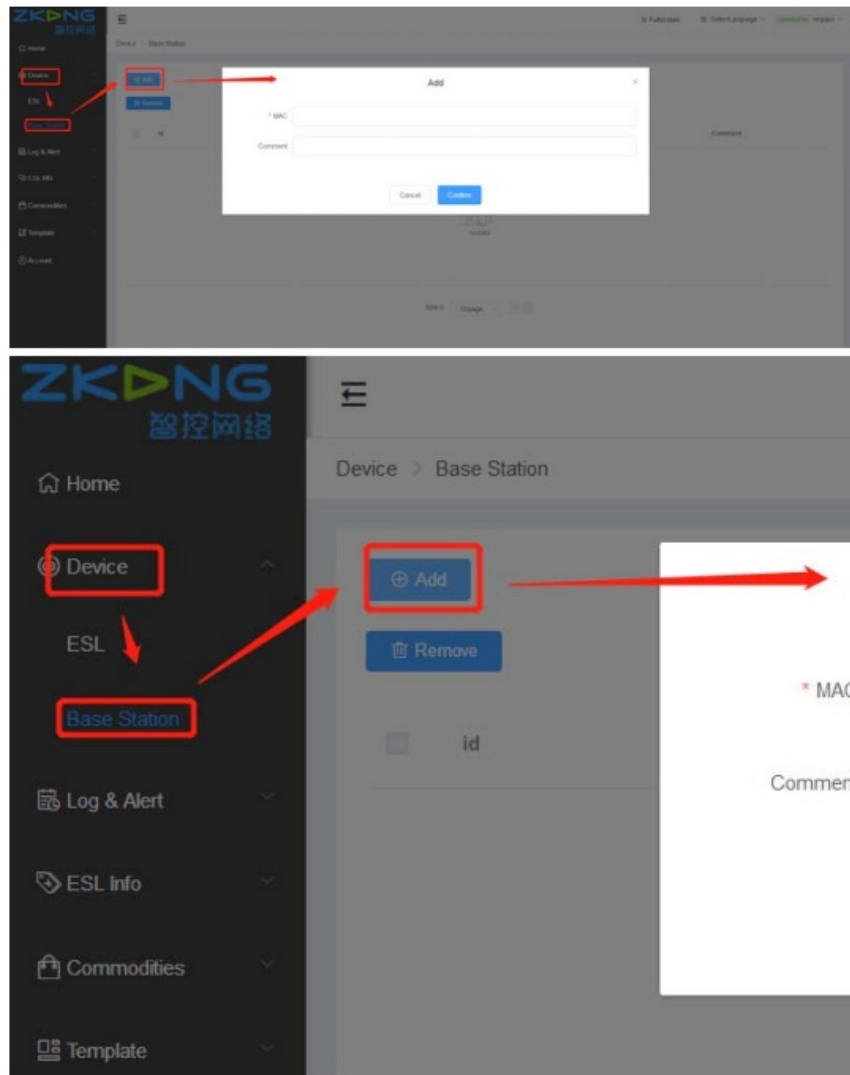
3. Activate ESL

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



4. Add AP

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



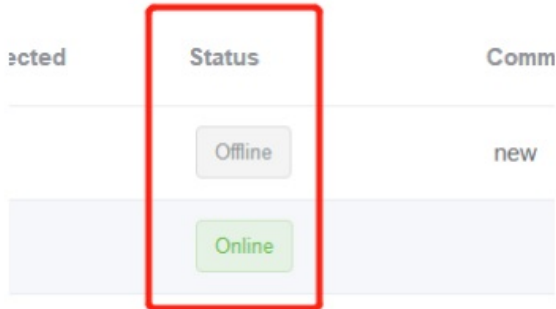
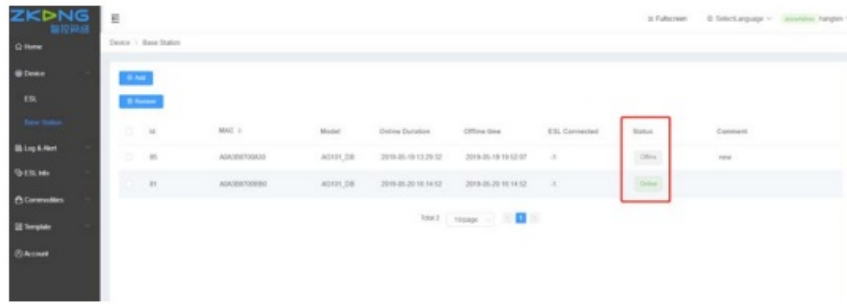
Example as follows:

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.

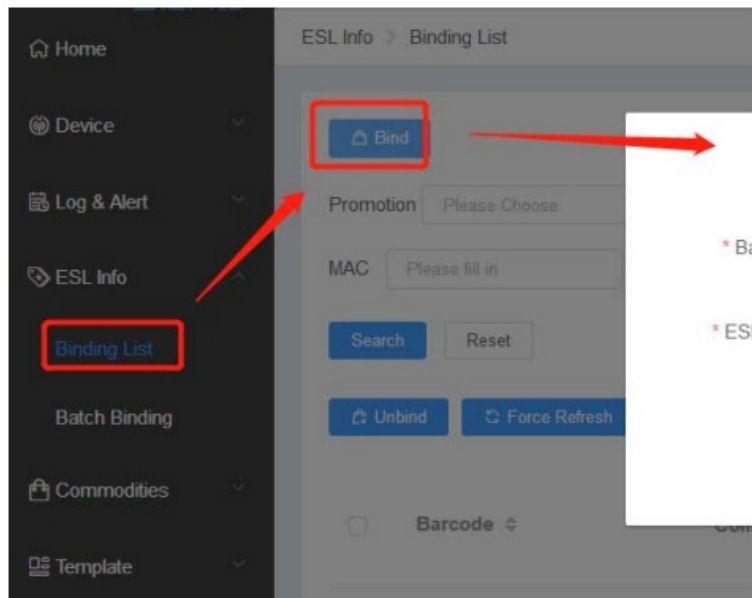
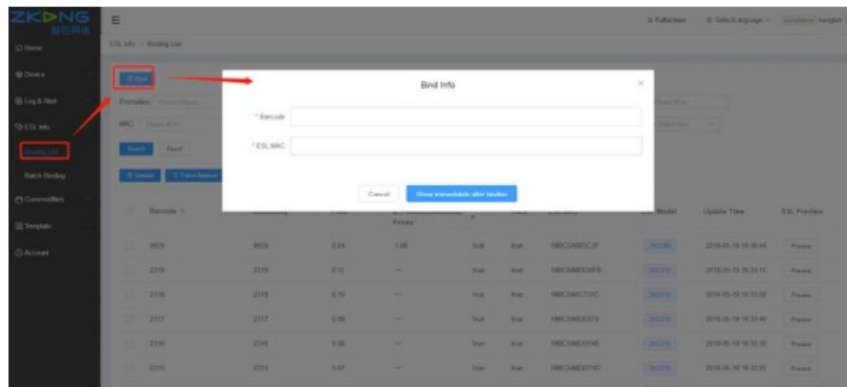
Done, click "Confirm" to check the AP state of the in the list.



ESL binding with the commodity

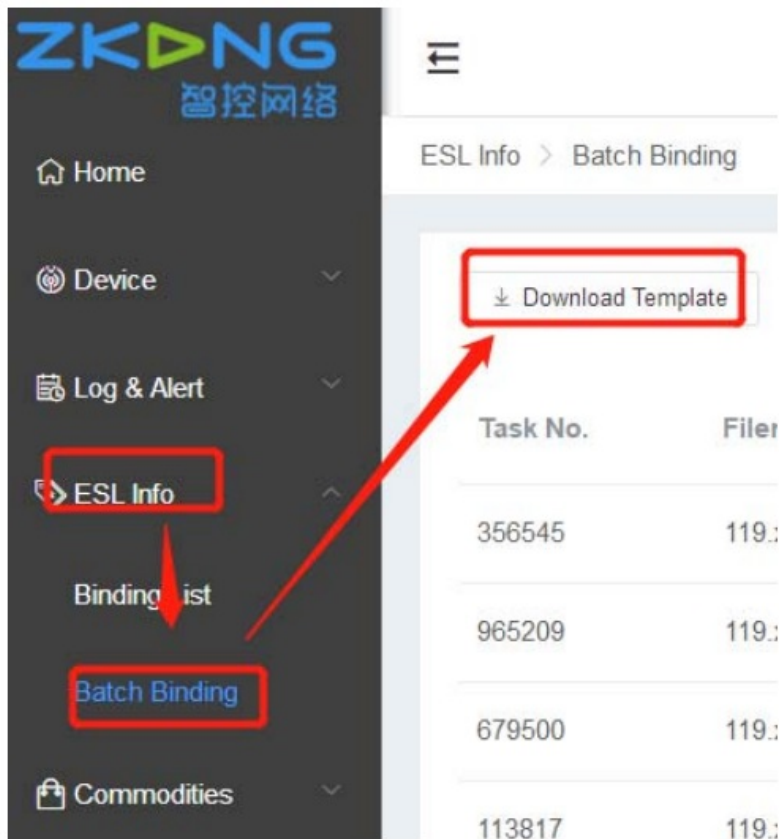
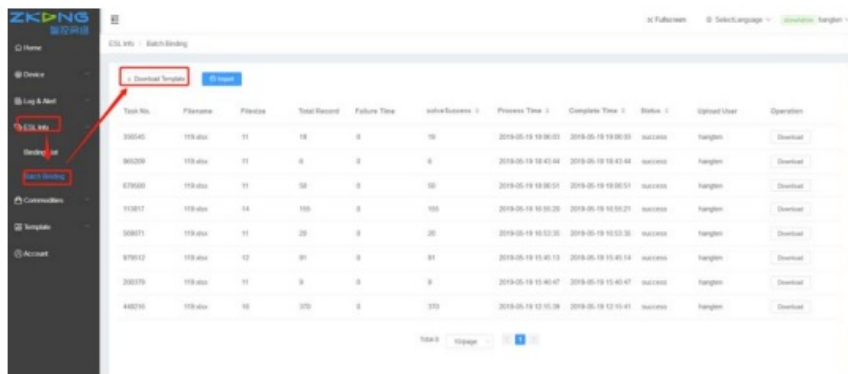
Single binding

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



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.

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

	C22	fx
	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.

3. Import the template document of the filled information.

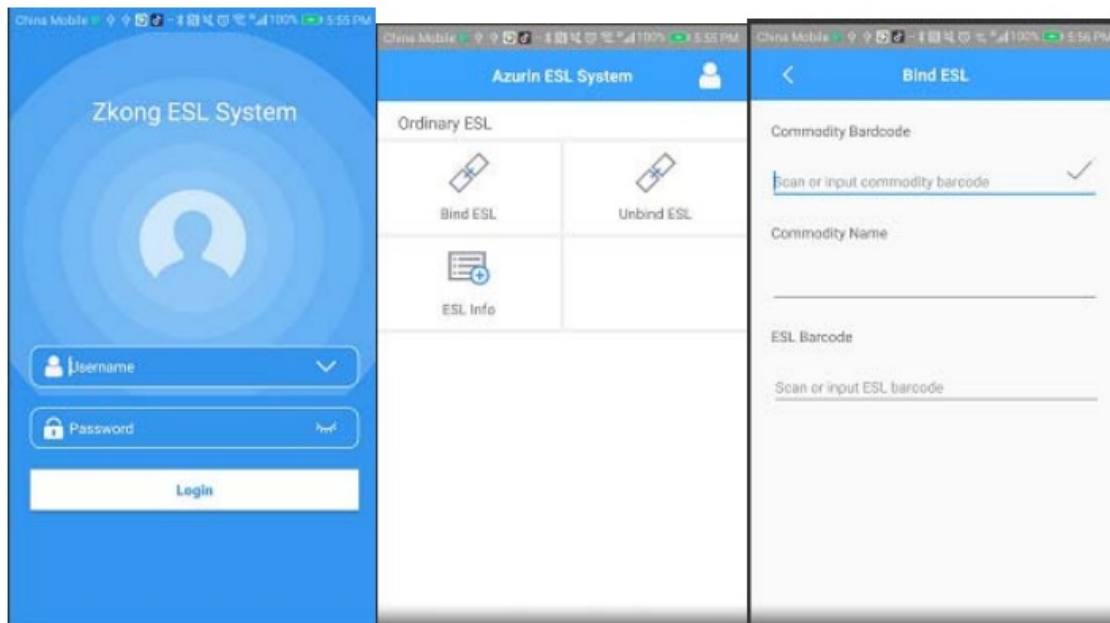
Using PDA binding

1. turn on and connect to WiFi

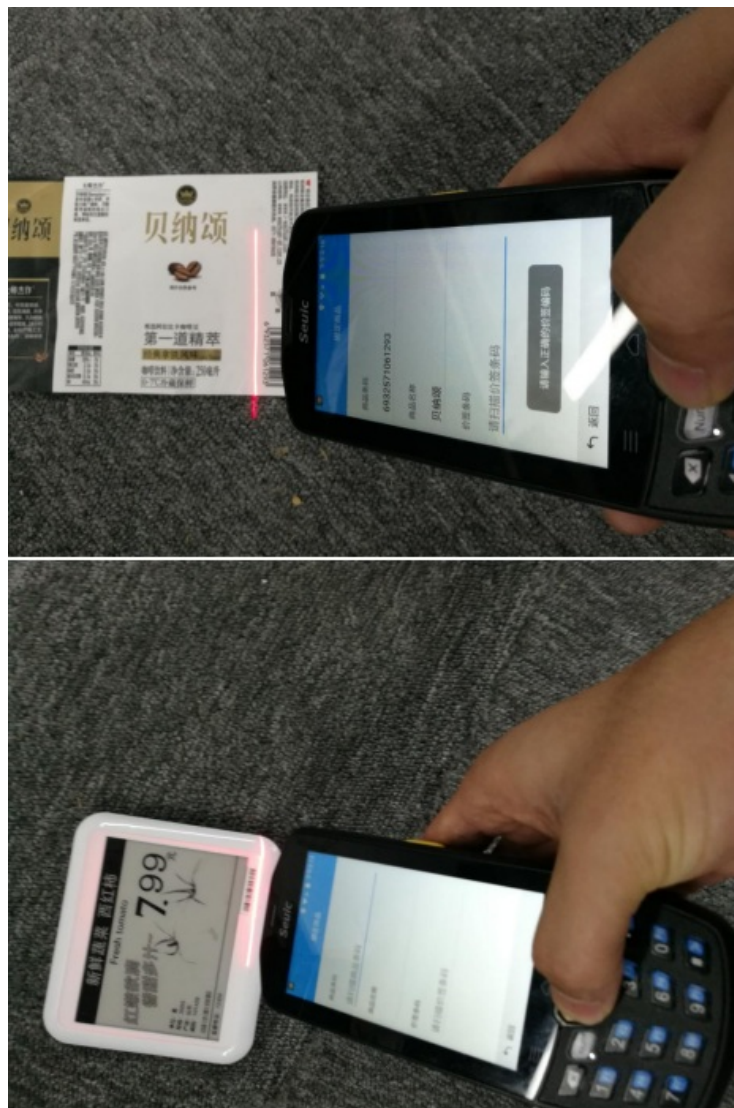
PDA has a small power button on the top, long press for switch, short press for wake up screen. After wake up, PDA can be connected to the Internet, the same operation as the mobile phone.

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.



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.

ZKNG 智控网络

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	Solve Success	Process Time	Complete Time	Status	Upload User	Operation
324532	item_export_template.xlsx	12	4	0	4	2019-05-12 14:24:31	2019-05-12 14:24:31	success	xingqiao	Download
666518	item_export_template (1).xlsx	13	20	0	20	2019-05-08 15:57:36	2019-05-08 15:57:36	success	xingqiao	Download
819348	item_export_template (1).xlsx	13	20	0	20	2019-05-08 15:50:36	2019-05-08 15:50:36	success	xingqiao	Download
936033	item_export_template (1).xlsx	13	20	0	20	2019-05-08 15:50:05	2019-05-08 15:50:05	success	xingqiao	Download
397329	item_export_template (1).xlsx	13	20	0	20	2019-05-08 15:55:31	2019-05-08 15:55:31	success	xingqiao	Download
625102	item_export_template (1).xlsx	13	20	0	20	2019-05-08 15:54:38	2019-05-08 15:54:38	success	xingqiao	Download

item_export_template 2019-05-08 15:43:42 2019-05-08 15:43:42

Device Log & Alert ESL Info **Commodities** List Add **Import List** Template

Download Import

Task No. Filename

324532 item_export_template.xlsx

666518 item_export_template (1).xlsx

819348 item_export_template (1).xlsx

936033 item_export_template (1).xlsx

ZKNG 智控网络

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	Solve Success	Process Time	Complete Time	Status	Upload User	Operation
549820	item_export_template (1).xlsx	13	20	0	20	2019-05-08 15:49:47	2019-05-08 15:49:47	success	xingqiao	Download
101914	item_export_template (1).xlsx	13	20	0	20	2019-05-08 15:48:18	2019-05-08 15:48:18	success	xingqiao	Download
849579	item_export_template (1).xlsx	13	20	0	20	2019-05-08 15:40:02	2019-05-08 15:40:02	success	xingqiao	Download
752321	item_export_template (1).xlsx	13	20	0	20	2019-05-08 15:44:29	2019-05-08 15:44:29	success	xingqiao	Download
624678	item_export_template (1).xlsx	13	20	0	20	2019-05-08 15:38:26	2019-05-08 15:38:26	success	xingqiao	Download
142209	www.xlsx	13	8	0	0	2019-05-06 16:13:25	2019-05-06 16:13:25	upload	xingqiao	Download Download Result
194671	see.xlsx	13	11	0	11	2019-05-06 15:41:37	2019-05-06 15:41:37	success	xingqiao	Download

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

Warning:

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. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment 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 equipment 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 equipment 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

RF Exposure Statement

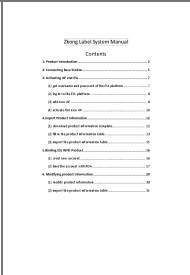
To maintain compliance with FCC's RF Exposure guidelines, this equipment should be installed and operated with minimum distance of 20cm the radiator your body. This

device and its antenna(s) must not be co-located or operation in conjunction with any other antenna nr transmitter.

Frequently Asked Questions

- **Q: How do I troubleshoot connectivity issues between the AP and ESLs?**
 - A: Ensure that the AP is powered on and properly connected to the network.
Check for any interference or obstacles that may disrupt the signal between the AP and ESLs.


Documents / Resources

	Zkong ZAPDL Digital Label System [pdf] Instruction Manual ZAPDL 2ARXS-ZAPDL, 2ARXSZAPDLzapdl, ZAPDL Digital Label System, ZAPDL, Digital Label System, Label System
------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

References

- [User Manual](#)

 ZKONG

 2ARXSZAPDLzapdl, Digital Label System, Label System, ZAPDL, ZAPDL 2ARXS-ZAPDL, ZAPDL Digital Label System, ZKONG

Leave a comment

Your email address will not be published. Required fields are marked *

Comment *

Name

Email

Website

☐ Save my name, email, and website in this browser for the next time I comment.

Post Comment

Search:

Search

[Manuals+](#) | [Upload](#) | [Deep Search](#) | [Privacy Policy](#) | [@manuals.plus](#) | [YouTube](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.