

Version	1.1
Date	2024-07-19

U01 eRetail 3.2 User Manual

1 Summary

1.1 System Architecture

The system B/S architecture can be divided into a database and a front-end web application

The database is the data storage container that stores system and user information (this system uses MySql as the storage database);

The front-end web application is based on the web browser client application, default port 4000;

1.2 Business Architecture

The management system deployed in the cloud server provides system administrators and business personnel with system operation status, daily operations, and data queries.

The system is divided into 7 modules: home page, my common use, shop management, data management, data query, template management, and system management.

【Home】 : System statistics, real-time information, label type distribution, traffic analysis.

【My Frequently Used】: product management, material management, ESL templates.

【StoreManagement】: Storelist,basestationmanagement,electronicpricetagmanagement,digital signage management, area management, advertising screen management, video server management.

【Data Management】 : product management, planning tasks, material management, display m anagement.

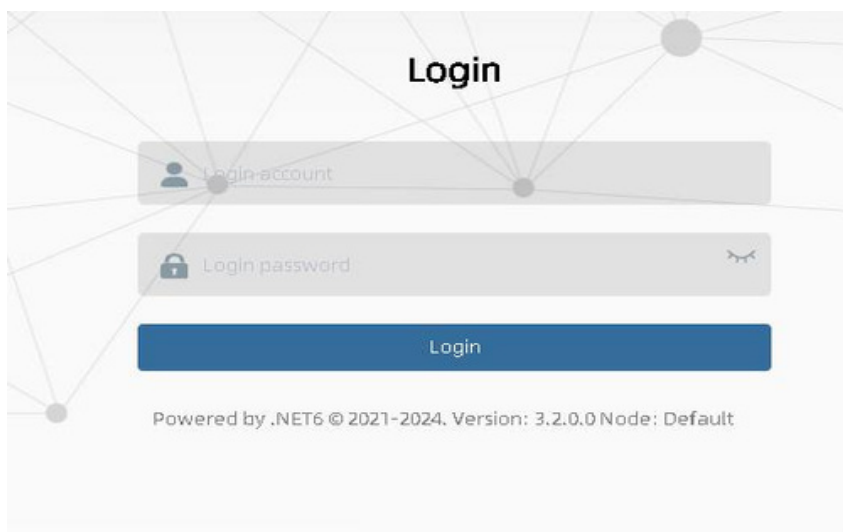
【DataQuery】 :Electronicpricetagcommunicationquery,digitalsignagecommunicationmanagement, data synchronization records, system log query.

【Template Management】 : ESL templates, DSL templates, template themes, holiday managements;

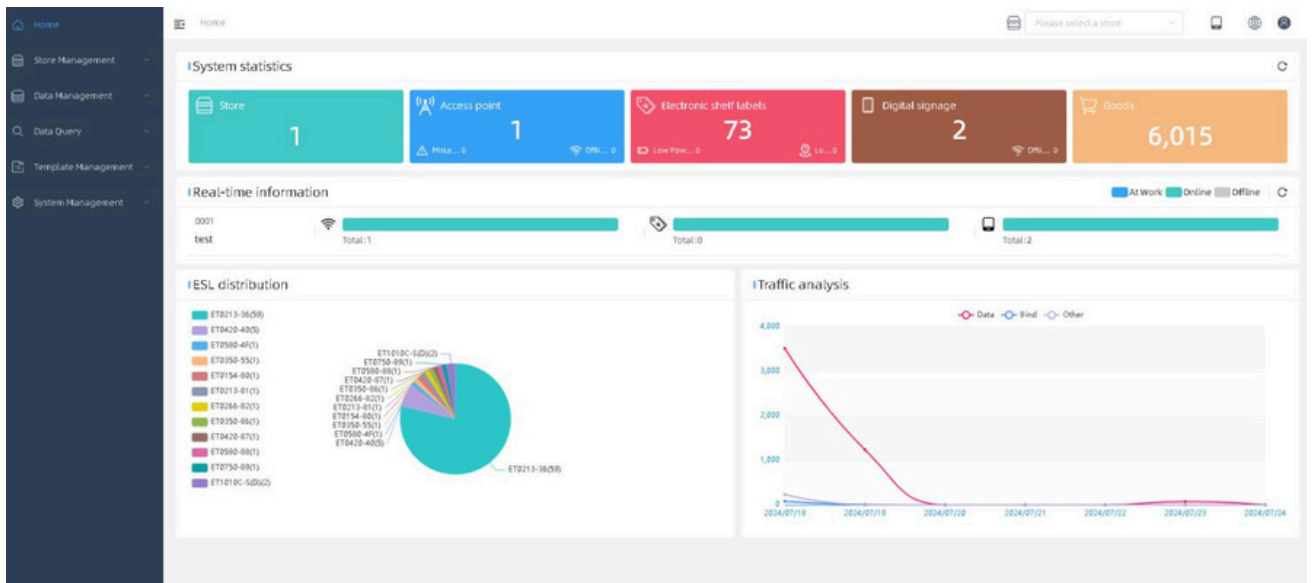
【SystemManagement】: Usermanagement,permissionsetting,organizationalstructure,parameter setting, administrator tools, system configuration, system font management, application management.

2 System Login

Open the browser, enter the URL (server IP: 4000) to open the login interface, and enter the background account and password (initial administrator account: admin, password: Pass99), it is recommended that the first time you log in the shortcut will be sent to the desktop.



3 System Home



【SystemStatistics】: Displays the basic overview of shops, base stations, electronic price tags, digital signage, and commodities within the price tag system;

【Real-time information】: Displays the distribution of the number of each online status of the current system base station, ESL, DSL, including online, offline, and work in progress status;

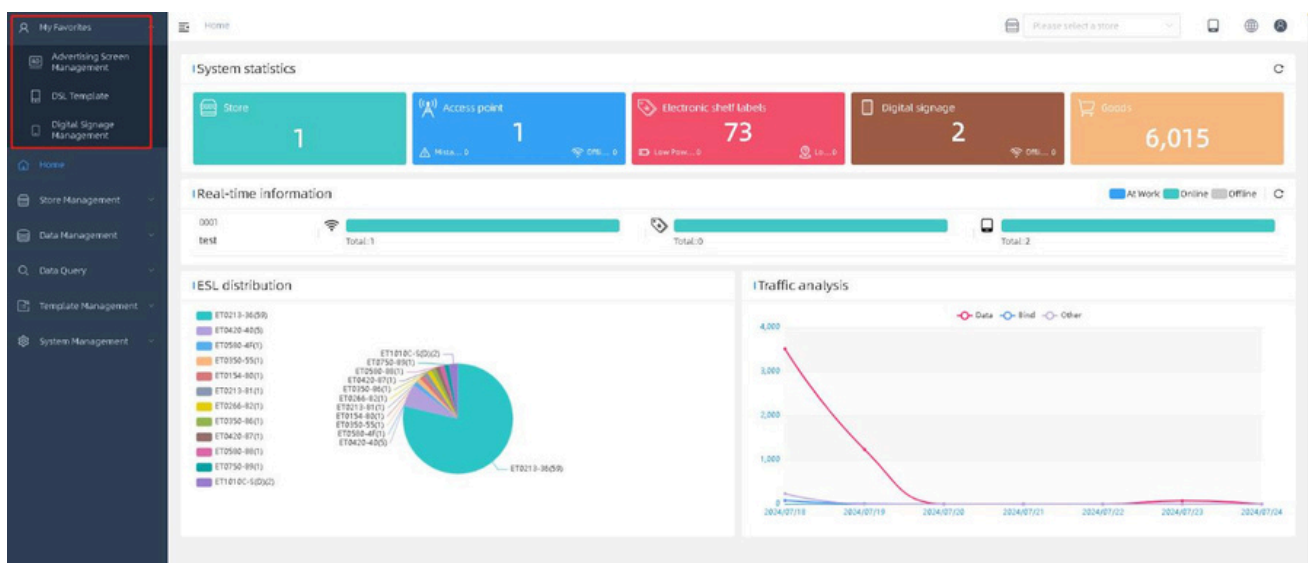
【Label Type Distribution】: Statistical chart showing the proportion of the total number of electronic price tags that have been deployed recently.

【Traffic Analysis】: Displays the input and output data traffic of the system by time;

4 Common Toolbar

1. My common use

You can quickly access the three modules that are frequently used by users.



Limited Scope of Use

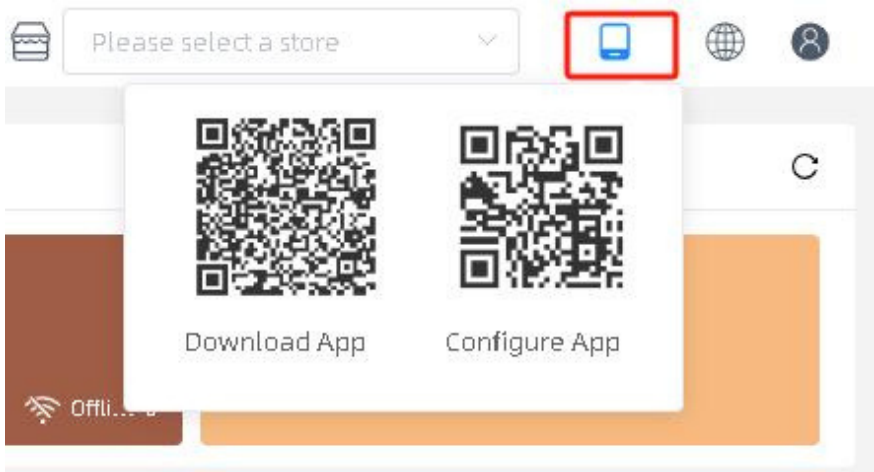
2. Changeofshops

You can switch the shop you want to view in the upper right corner, after switching, only the relevant data of the shop will be displayed. If you don't select the shop, the data of all shops will be displayed.



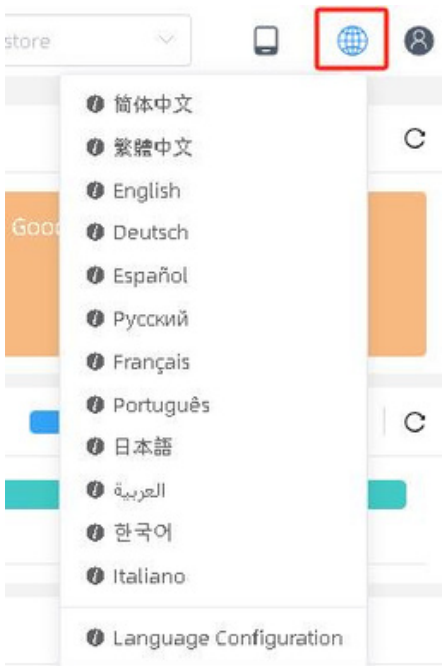
3. APPdownloadandconfiguration

After clicking the icon you can scan the relevant QR code to download and configure the APP.



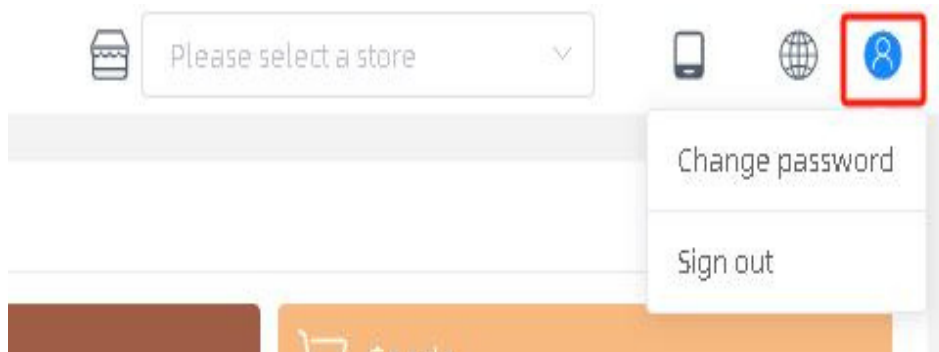
4. Systemlanguageswitch

Click on the icon to switch the system language, and click on Language Configuration to configure the translation rules for each language as required.



5. User login set up

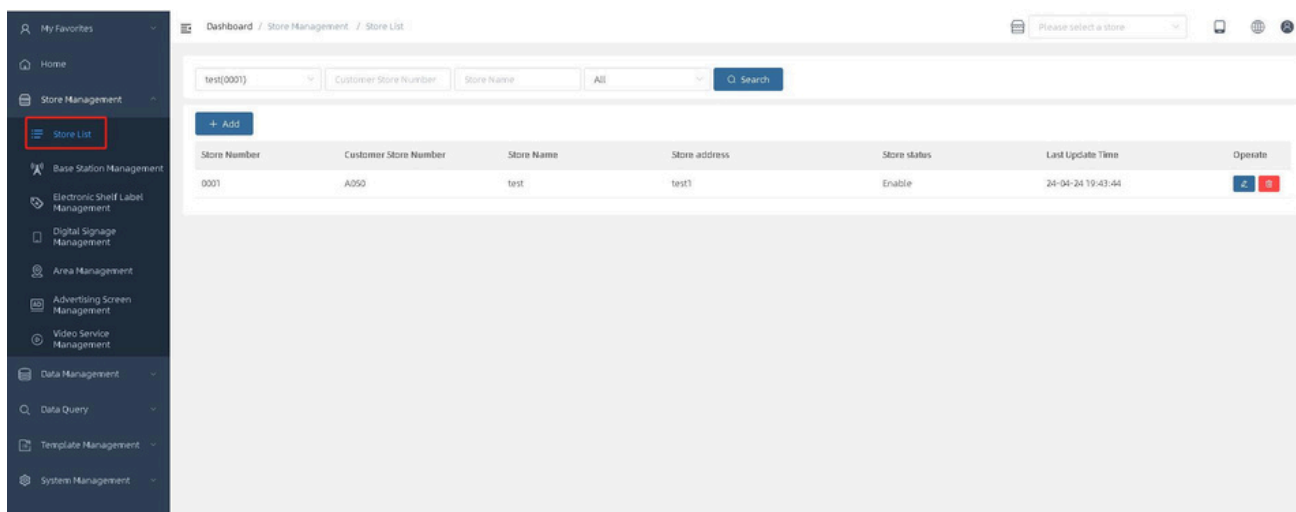
Click on the icon to change your password and log out of your current account.



5 Shop Management

5.1 Shop List

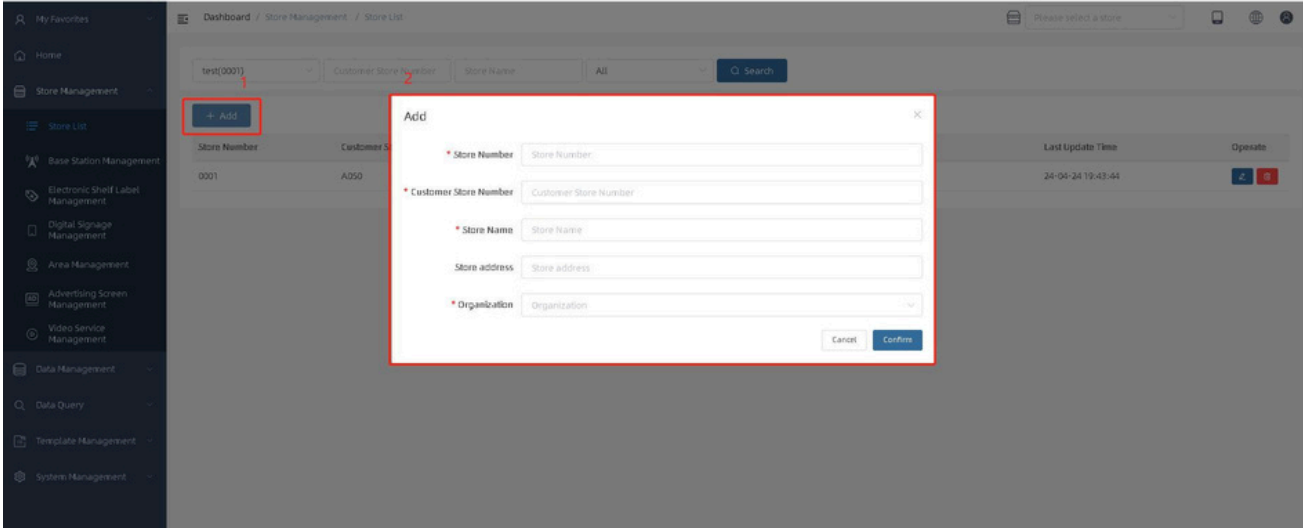
Shop list can view all the shop information in the system, you can add new system shops and existing shops to edit, delete, and query.



5.1.1 Additional Shop

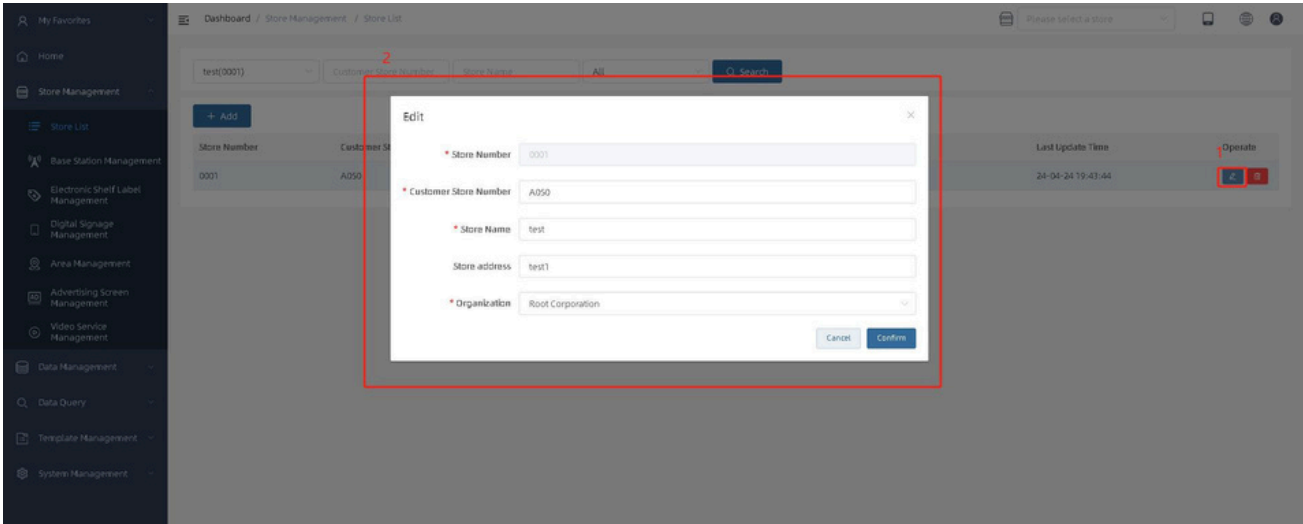
Click the Add button to add a new system shop, enter the shop number, customer shop number, shop name, and shop address, and select the organization to which it belongs (can be configured in the organizational structure) can be created successfully. Note: where with * is required.

Note: After adding a shop and registering the base station to the specified shop, the base station will be recognized online and the corresponding shop product data will be imported automatically. You can view the information of the used base station in the shop on the base station management page.



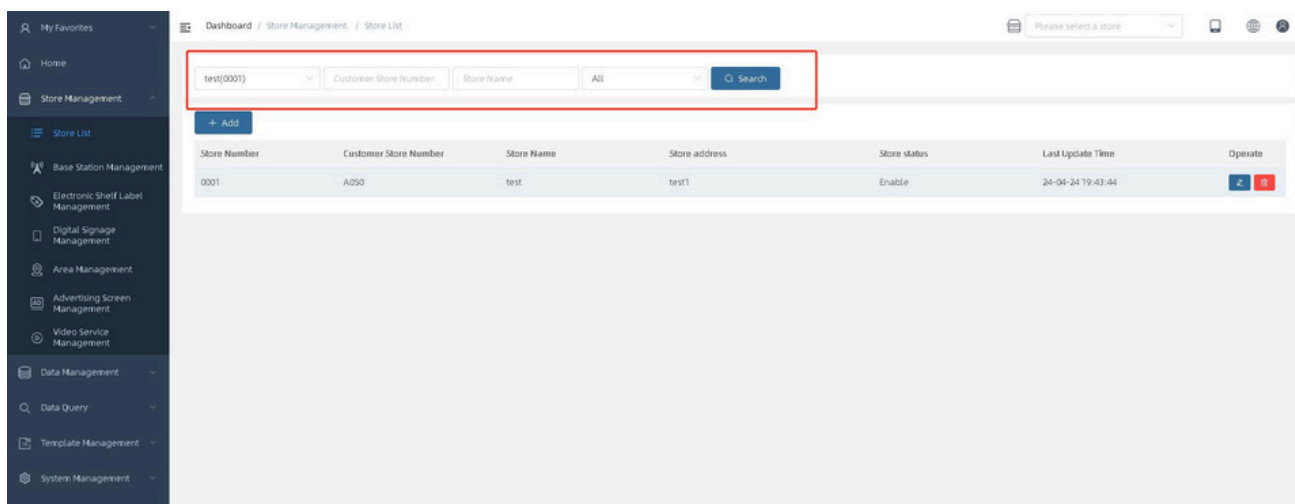
5.1.2 Edit Shop

Find the shop row that needs to be edited, and click the Edit button, you can edit the customer shop number, shop name, and shop address and change the organization it belongs to, the shop number can not be modified.



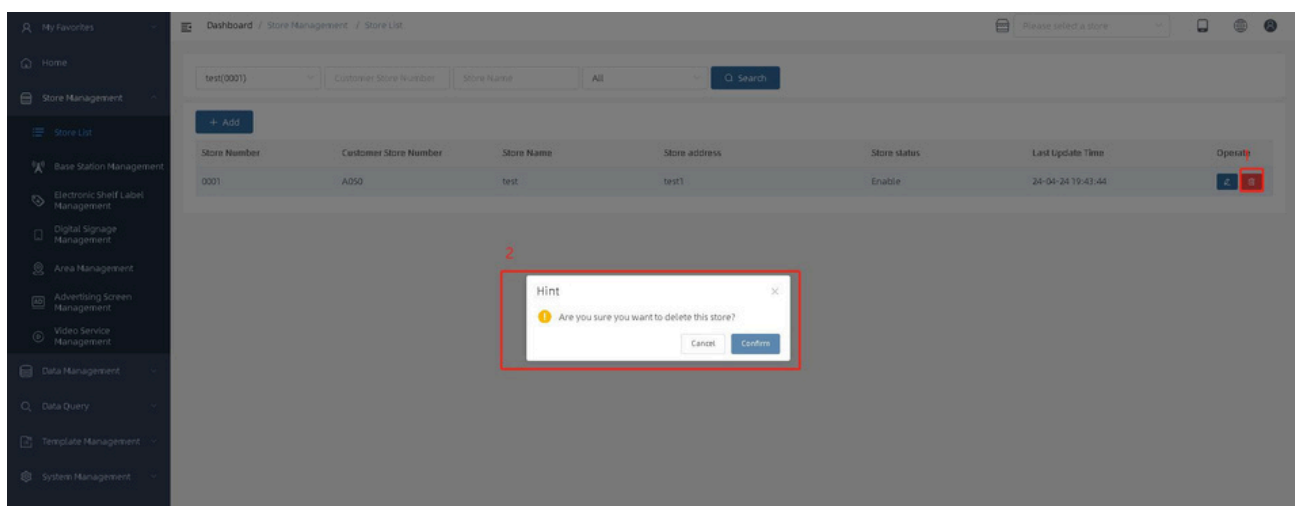
5.1.3 Search Shop

You can quickly find the shop information you are looking for by shop number, customer shop number, and shop name.



5.1.4 Delete Shop

Find the shop that needs to be deleted, and click the Delete button to delete the shop, the deletion operation requires a second confirmation from the user.

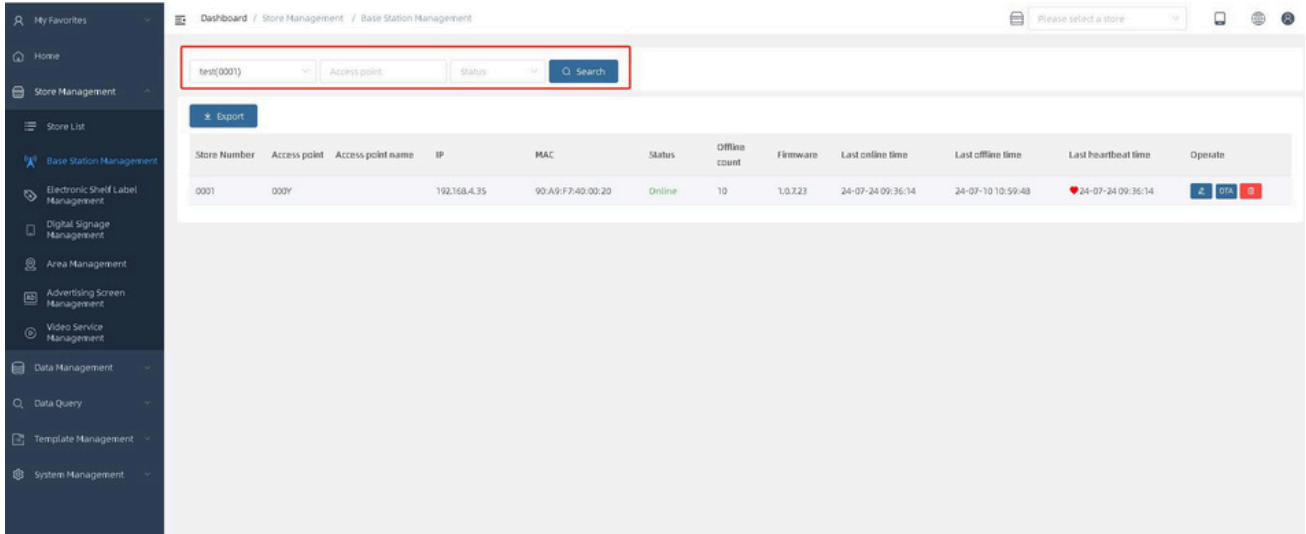


5.2 Base Station Management

After creating a shop, connect the configured base station to the network, the base station will automatically complete the registration, Base station management and display the status information on the base station management page; if the base station has not completed the automatic registration for a long time, please check the network status, base station configuration, and shop configuration.

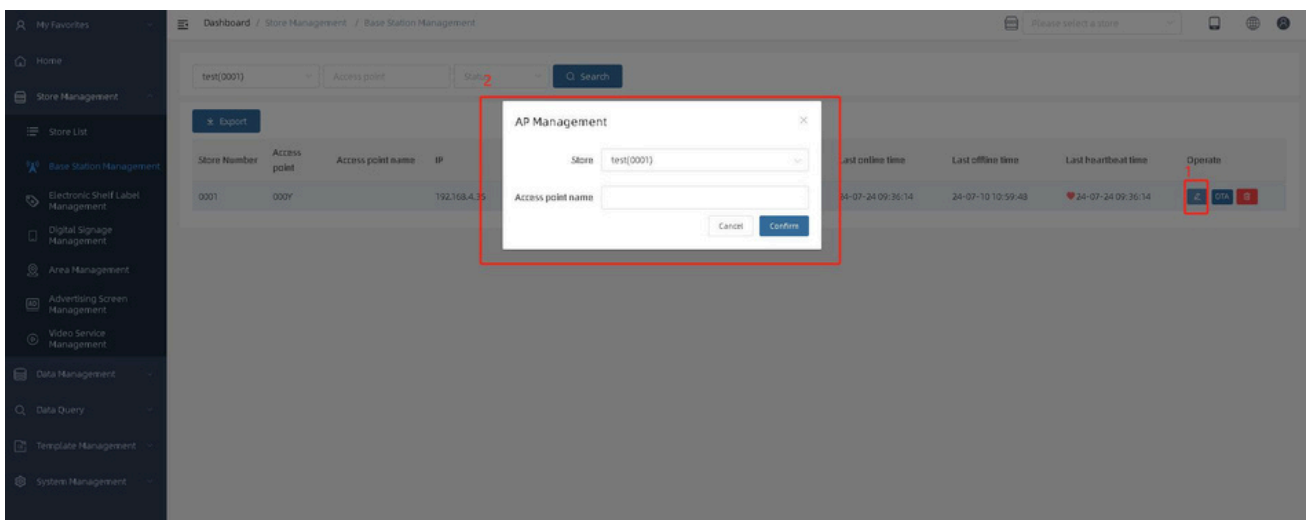
5.2.1 Query Base Station

You can quickly retrieve the base station information you need to find by shop number, base station number, and base station status.



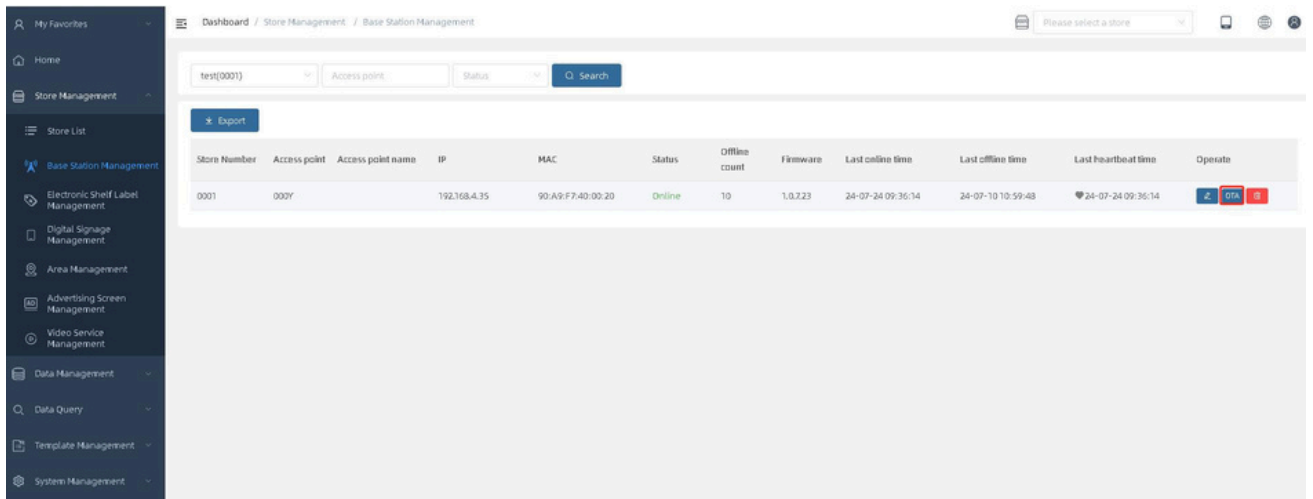
5.2.2 Edit Base Station

Click the Edit button to change the shop to which the base station belongs and the name of the base station.



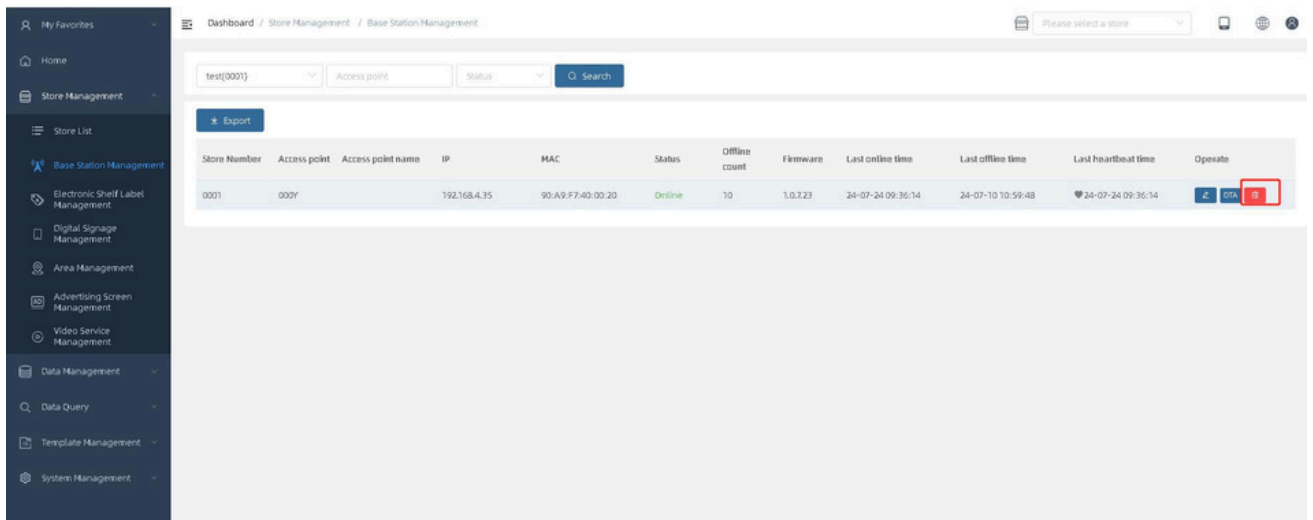
5.2.3 Base station OTA

If a new base station version update package has been uploaded, the selected base station can be upgraded to the current version by clicking the OTA button, and the OTA operation requires a second confirmation.



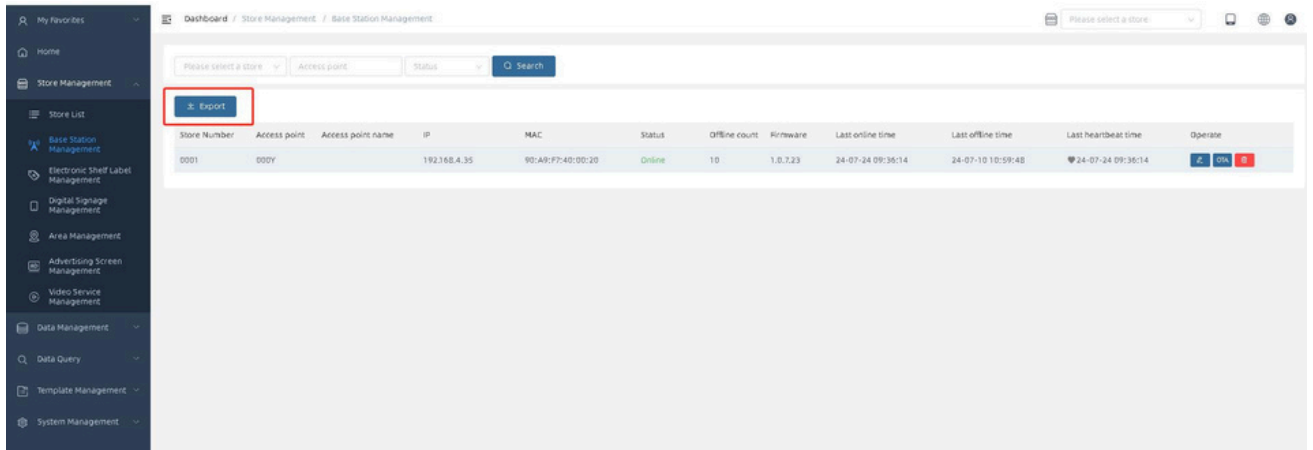
5.2.4 Delete base station

You can delete the specified base station by clicking the Delete button, and the deletion operation requires a second confirmation.



5.2.5 Export Base Station

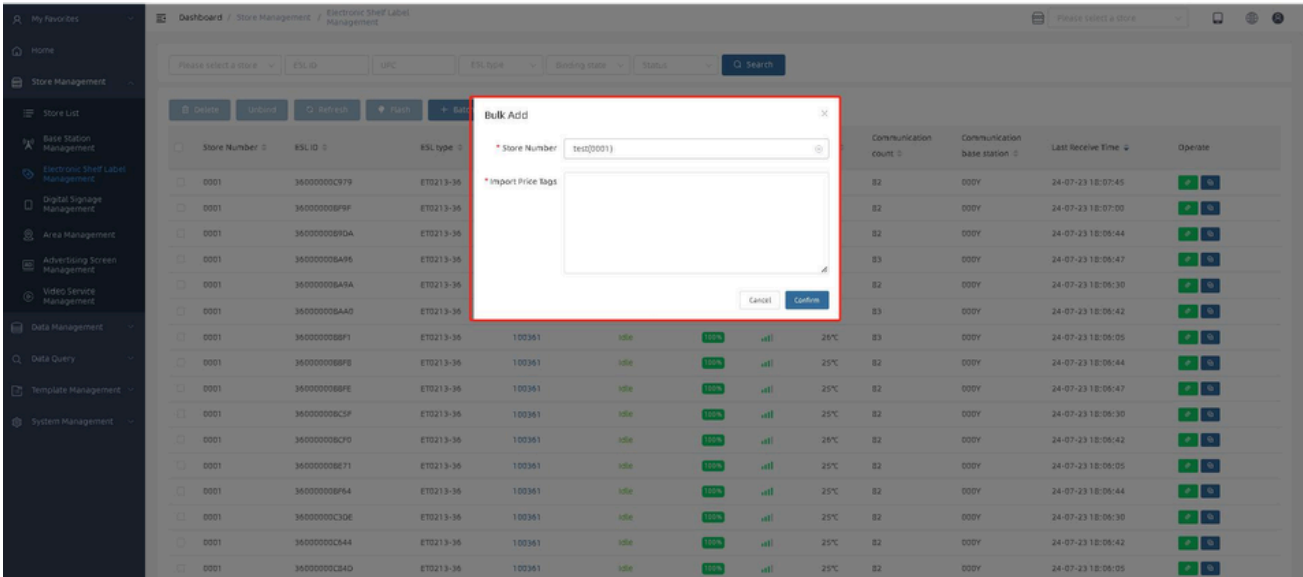
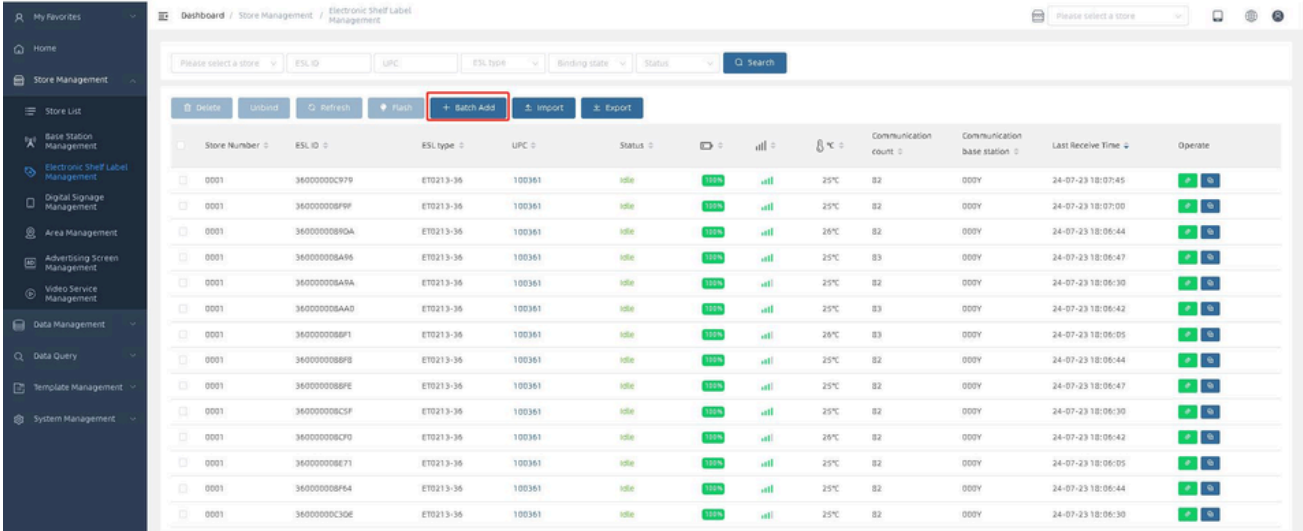
Click the Export button to export all the base station information under the current filter conditions.



5.3 Electronic price tag Management

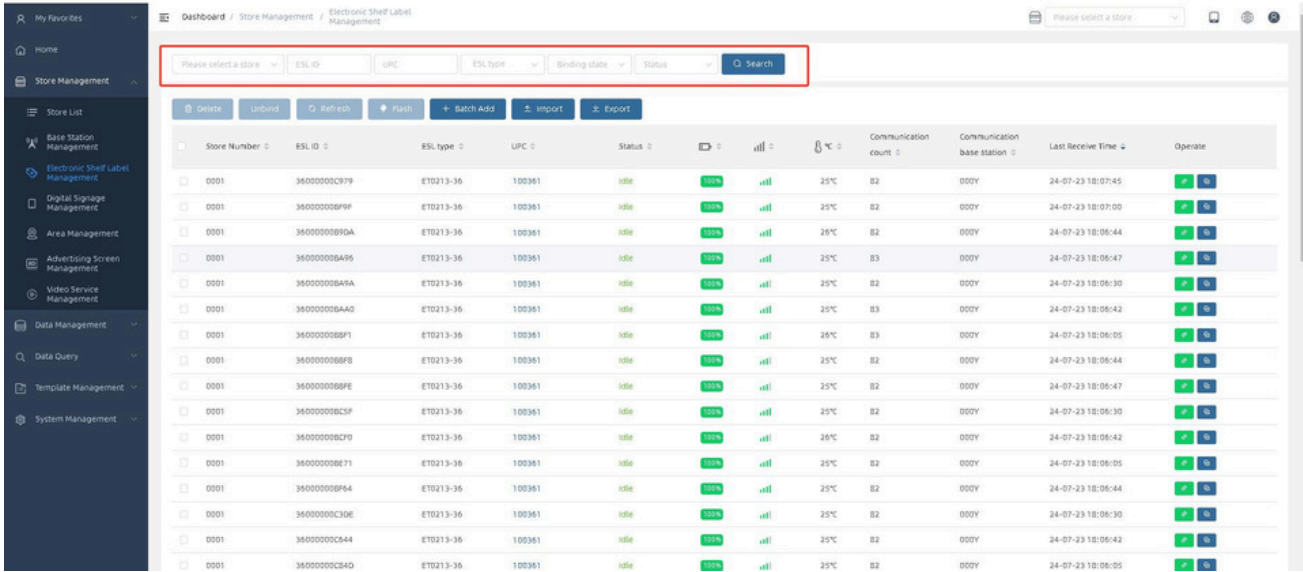
5.3.1 Add price tag

Click on the Batch Add button to select shops and then batch enter price tag IDs and add price tags to the specified shops.



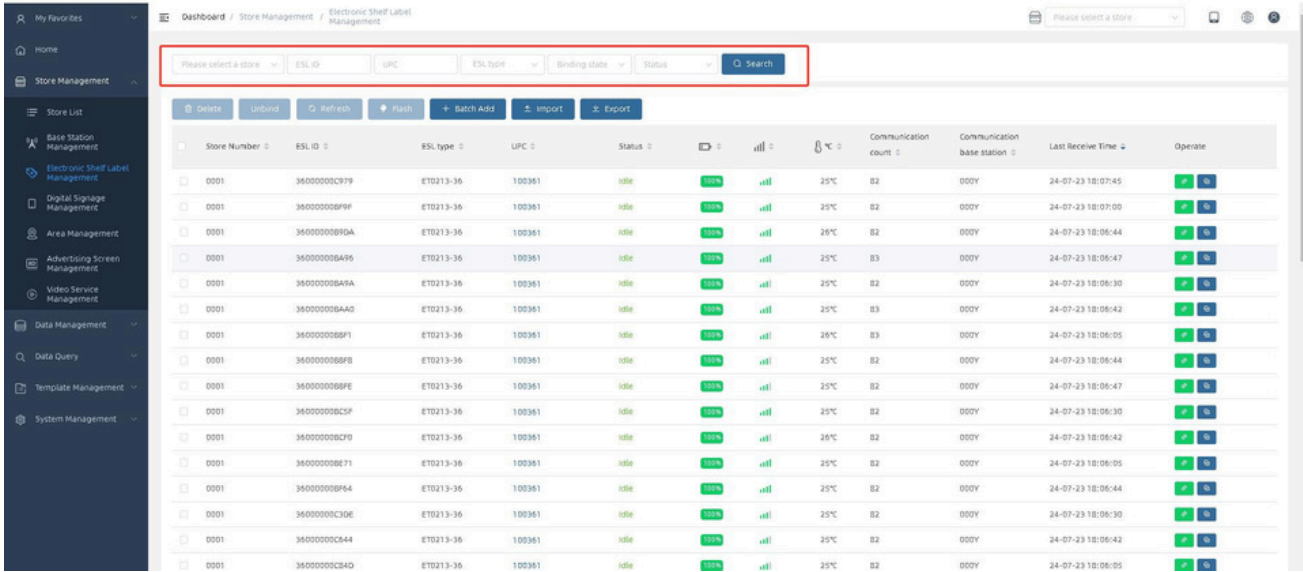
5.3.2 Check price tag

You can quickly get the price tag you need to search according to the shop number, price tag ID, bound product UPC, price tag type, bound status, and price tag status.



5.3.3 Refresh price tag

Tick the price tags that need to be refreshed at the bottom of the list of electronic price tags and click the Refresh button to refresh the price tags in batch, and the latest status information of the price tags will be displayed after refreshing.



5.3.4 Delete price tag

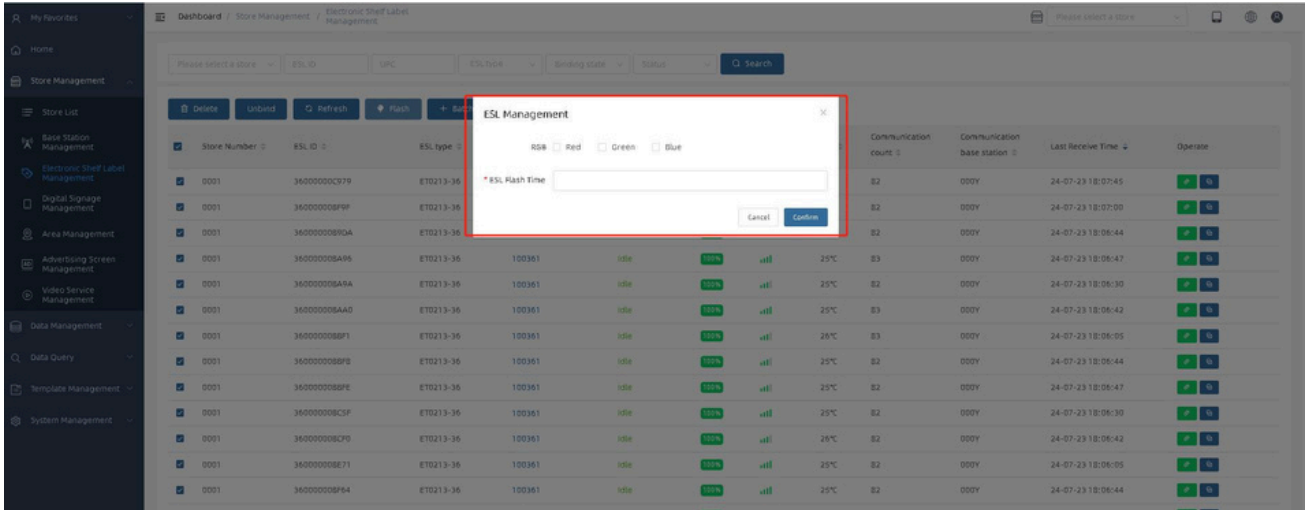
Tick the price tags that need to be deleted below the list of electronic price tags and click the Delete button to delete the price tags in batches.

Store Number	ESL ID	ESL type	UPC	Status	Signal	Temperature	Communication count	Communication base station	Last Receive Time	Operate
0001	36000000C979	ET0213-36	100361	idle	100%	25°C	B2	000Y	24-07-23 18:07:45	🟢
0001	36000000B99F	ET0213-36	100361	idle	100%	25°C	B2	000Y	24-07-23 18:07:00	🟢
0001	36000000B9DA	ET0213-36	100361	idle	100%	26°C	B2	000Y	24-07-23 18:06:44	🟢
0001	36000000BA96	ET0213-36	100361	idle	100%	25°C	B3	000Y	24-07-23 18:06:47	🟢
0001	36000000BABA	ET0213-36	100361	idle	100%	25°C	B2	000Y	24-07-23 18:06:30	🟢
0001	36000000BAA0	ET0213-36	100361	idle	100%	25°C	B3	000Y	24-07-23 18:06:42	🟢
0001	36000000B8F1	ET0213-36	100361	idle	100%	26°C	B3	000Y	24-07-23 18:06:05	🟢
0001	36000000B8FB	ET0213-36	100361	idle	100%	25°C	B2	000Y	24-07-23 18:06:44	🟢
0001	36000000B8FE	ET0213-36	100361	idle	100%	25°C	B2	000Y	24-07-23 18:06:47	🟢
0001	36000000B8CF	ET0213-36	100361	idle	100%	25°C	B2	000Y	24-07-23 18:06:30	🟢
0001	36000000B844	ET0213-36	100361	idle	100%	25°C	B2	000Y	24-07-23 18:06:42	🟢
0001	36000000C84D	ET0213-36	100361	idle	100%	25°C	B2	000Y	24-07-23 18:06:05	🟢
0001	36000000C884	ET0213-36	100361	idle	100%	25°C	B2	000Y	24-07-23 18:06:44	🟢
0001	36000000C849	ET0213-36	100361	idle	100%	26°C	B2	000Y	24-07-23 18:06:42	🟢

5.3.5 price tag flash

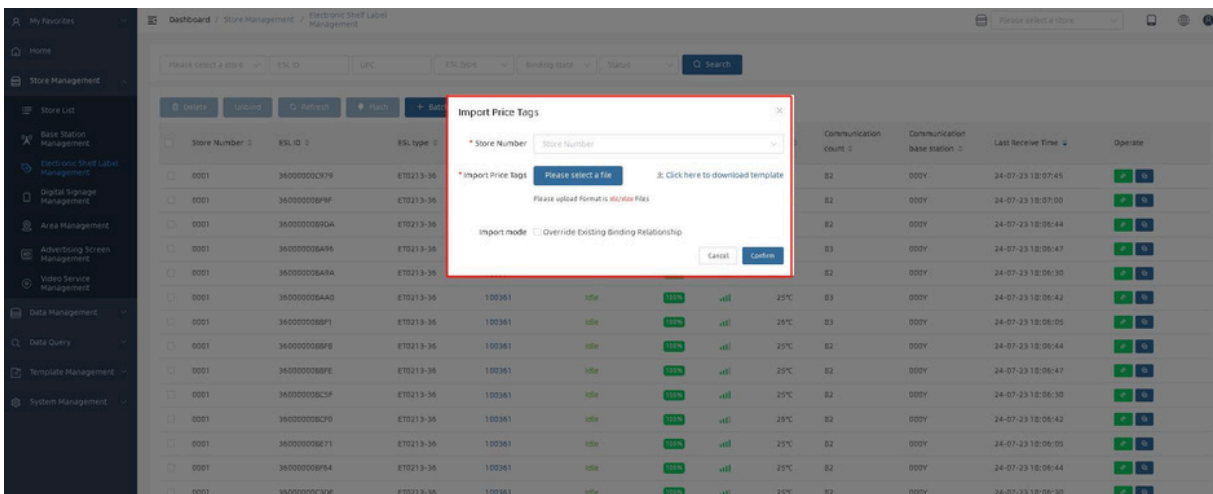
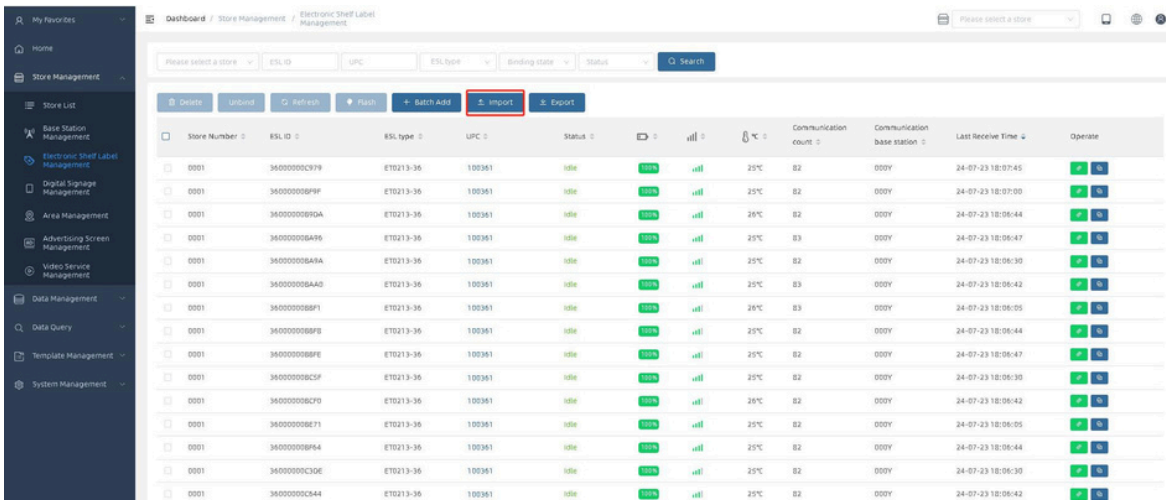
After ticking the price tags that need to flash under the list of electronic price tags and clicking the flash button, you can set the color and duration of the flashing light of the price tags in batch, which is convenient for users to find the price tags quickly.

Store Number	ESL ID	ESL type	UPC	Status	Signal	Temperature	Communication count	Communication base station	Last Receive Time	Operate
0001	36000000C979	ET0213-36	100361	idle	100%	25°C	B2	000Y	24-07-23 18:07:45	🟢
0001	36000000B99F	ET0213-36	100361	idle	100%	25°C	B2	000Y	24-07-23 18:07:00	🟢
0001	36000000B9DA	ET0213-36	100361	idle	100%	26°C	B2	000Y	24-07-23 18:06:44	🟢
0001	36000000BA96	ET0213-36	100361	idle	100%	25°C	B3	000Y	24-07-23 18:06:47	🟢
0001	36000000BABA	ET0213-36	100361	idle	100%	25°C	B2	000Y	24-07-23 18:06:30	🟢
0001	36000000BAA0	ET0213-36	100361	idle	100%	25°C	B3	000Y	24-07-23 18:06:42	🟢
0001	36000000B8F1	ET0213-36	100361	idle	100%	26°C	B3	000Y	24-07-23 18:06:05	🟢
0001	36000000B8FB	ET0213-36	100361	idle	100%	25°C	B2	000Y	24-07-23 18:06:44	🟢
0001	36000000B8FE	ET0213-36	100361	idle	100%	25°C	B2	000Y	24-07-23 18:06:47	🟢
0001	36000000B8CF	ET0213-36	100361	idle	100%	25°C	B2	000Y	24-07-23 18:06:30	🟢
0001	36000000B844	ET0213-36	100361	idle	100%	25°C	B2	000Y	24-07-23 18:06:42	🟢
0001	36000000C84D	ET0213-36	100361	idle	100%	25°C	B2	000Y	24-07-23 18:06:05	🟢
0001	36000000C884	ET0213-36	100361	idle	100%	25°C	B2	000Y	24-07-23 18:06:44	🟢
0001	36000000C849	ET0213-36	100361	idle	100%	25°C	B2	000Y	24-07-23 18:06:05	🟢

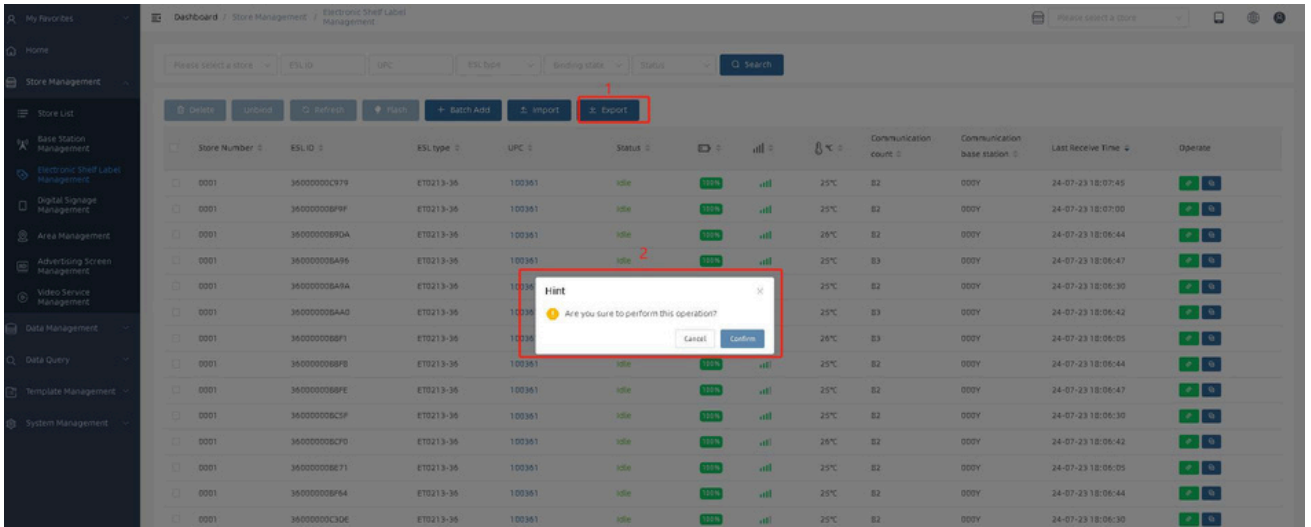


5.3.6 Price tag import and export

Click the Import button to select the specified shop and upload the price tag Excel file to import the price tag and the binding relationship between the price tag and the product, tick to override the existing binding relationship will be based on the latest price tag binding relationship in the file.

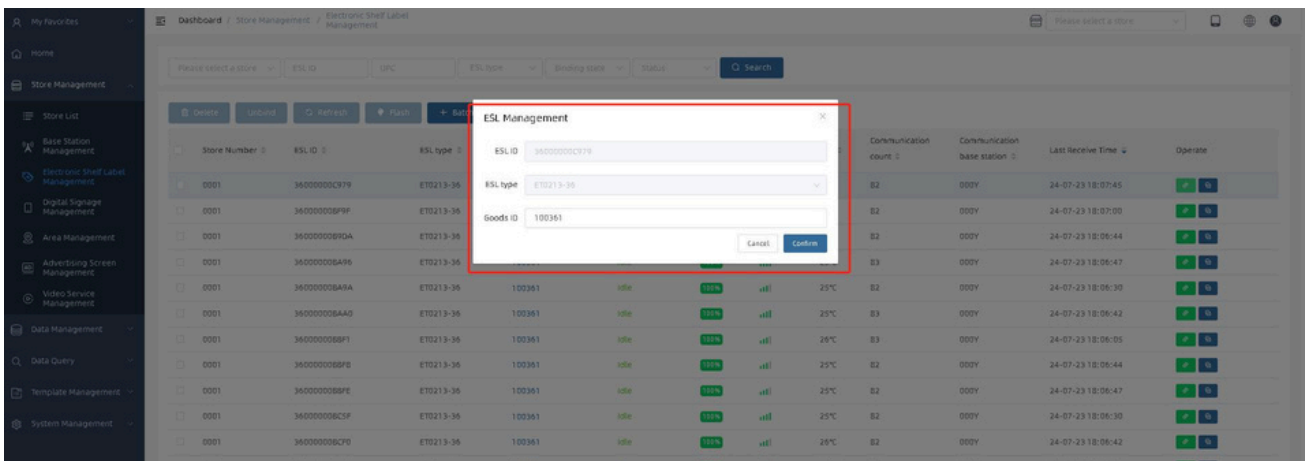
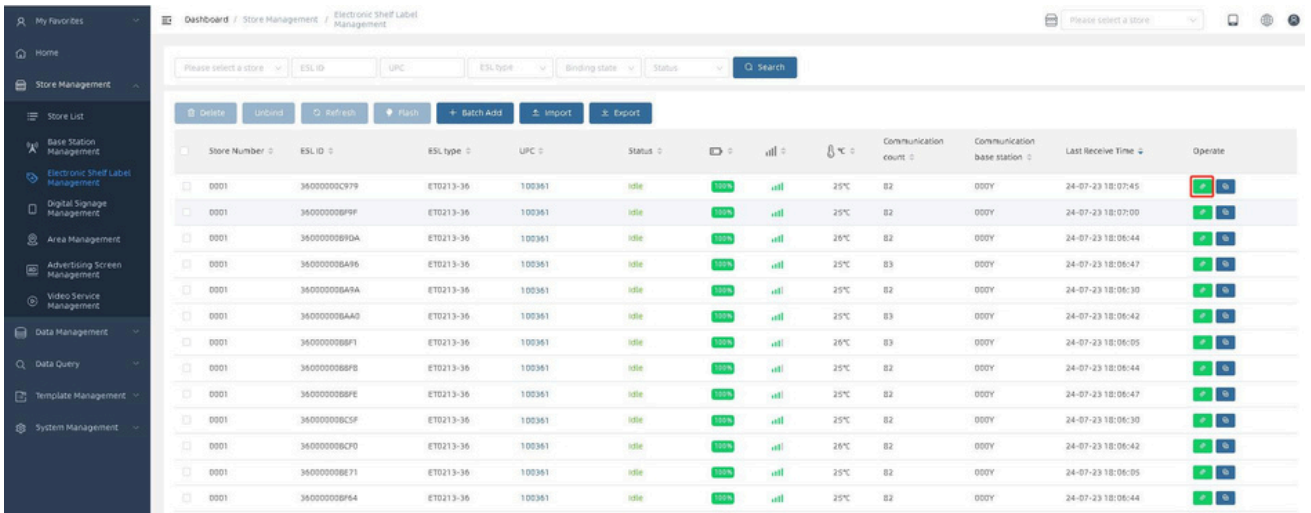


Click the Export button to export all price tag and price tag binding relationship data.



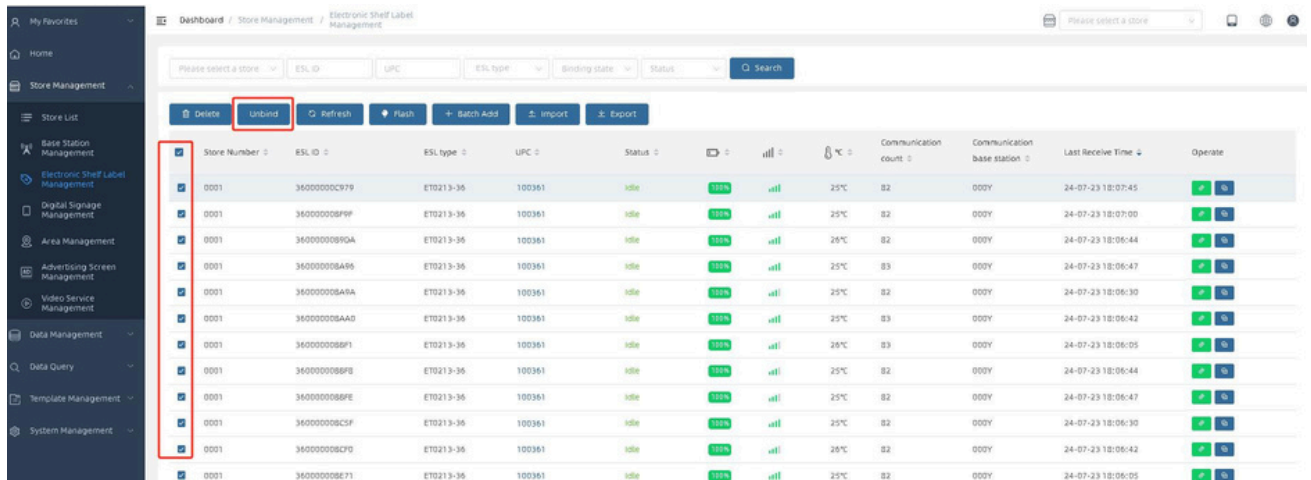
5.3.7 Product Binding and Unbinding

Click on the corresponding price tag line of the binding button, and enter the product UPC can be bound to the product (you need to add product information in the system product management module), if the price tag is bound to a multi-product template, you need to enter more than one product UPC binding.



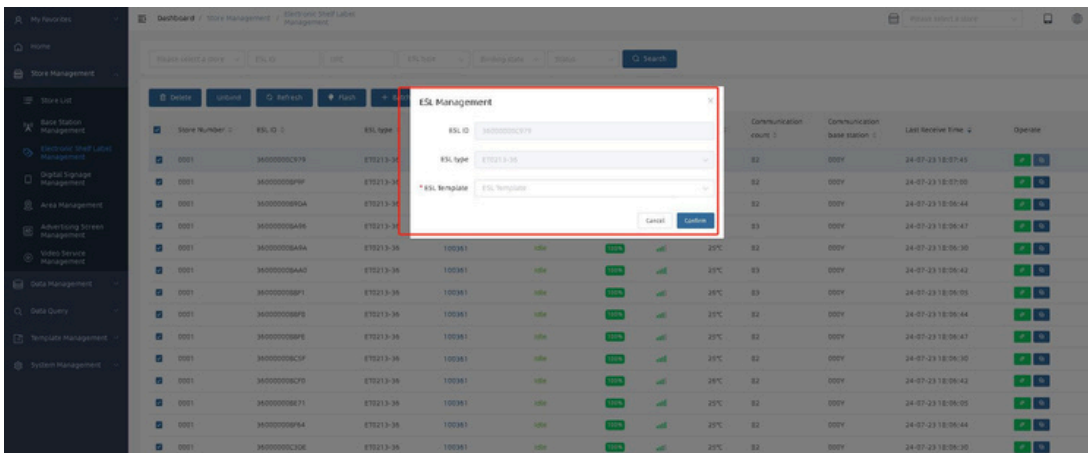
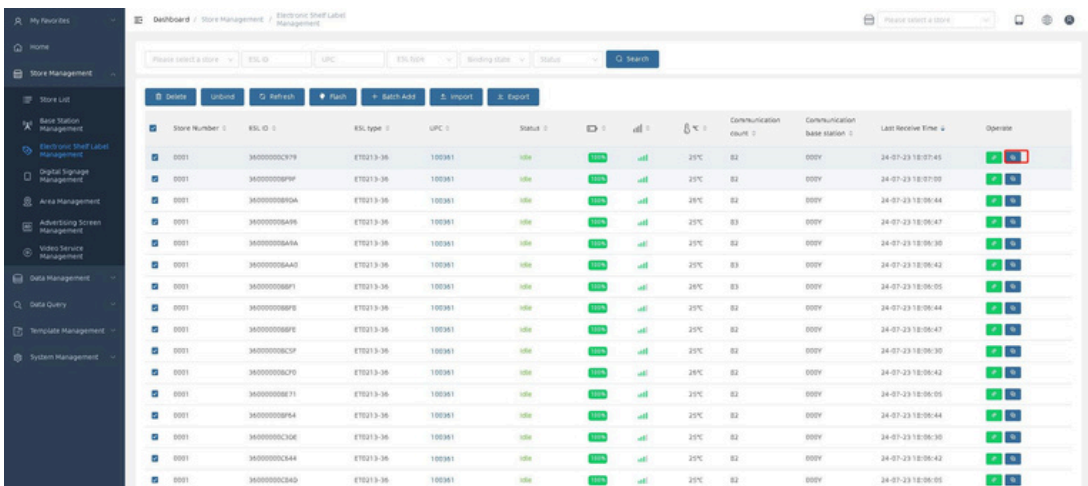
Limited Scope of Use

Tick the labels that need to be unbound in the list of electronic price tags and click the Unbind button to batch unbind the products.



5.3.8 Combine Template Binding

When the price tag needs to be bound to more than one product, you need to use the combination binding and click the combination binding button to select the multiple product templates that the price tag needs to be bound to.

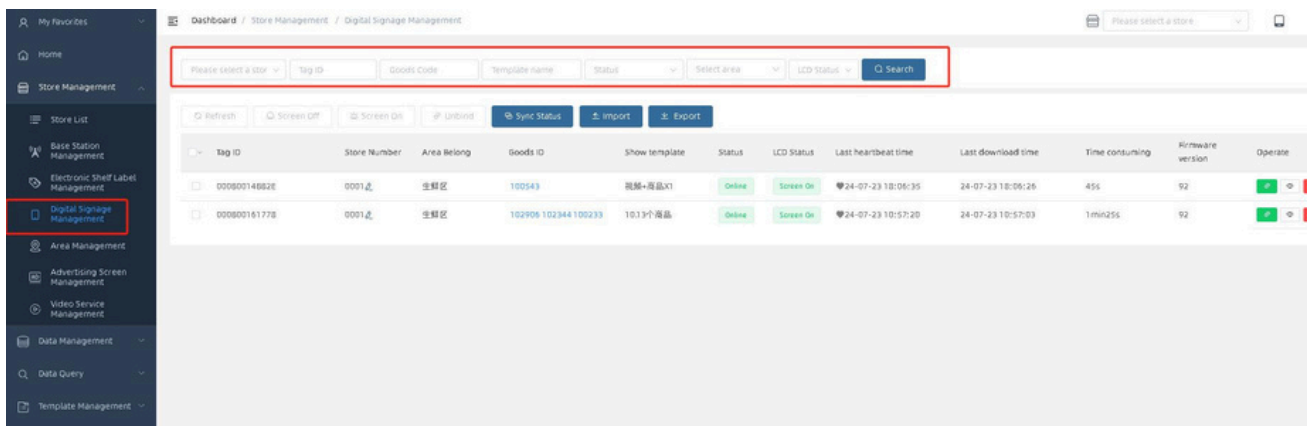


5.4 Digital Signage Management

After creating the shop, connect the configured digital signage to the network, and the digital signage will automatically access the system and display the status information in the list; if the digital signage has not been online for a long time, please check the network status as well as the equipment situation.

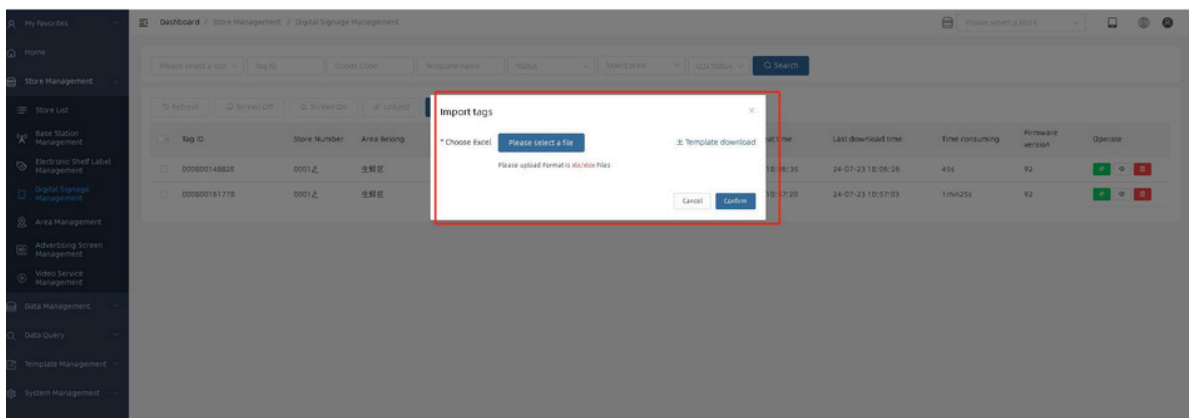
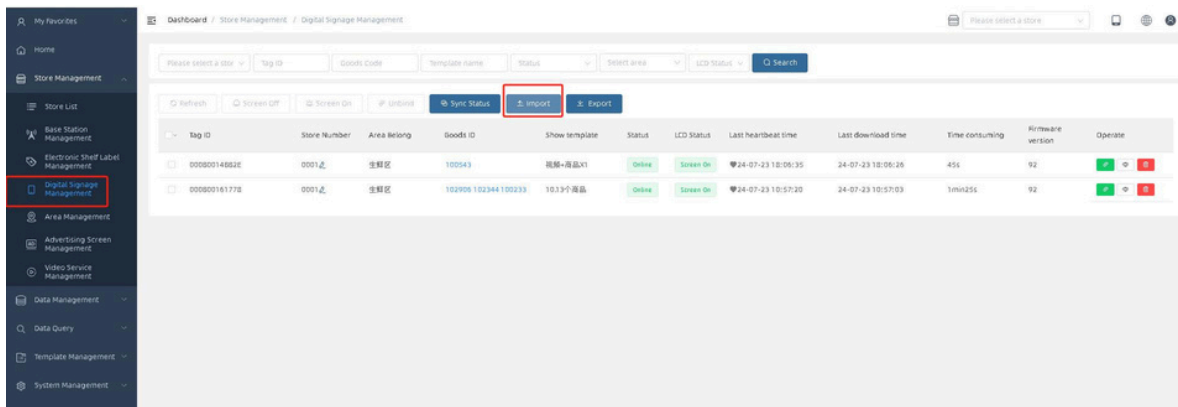
5.4.1 Check price tag

You can quickly find the price tag you need to search by shop number, price tag ID, bound product code, template name, price tag status, region, and screen status.

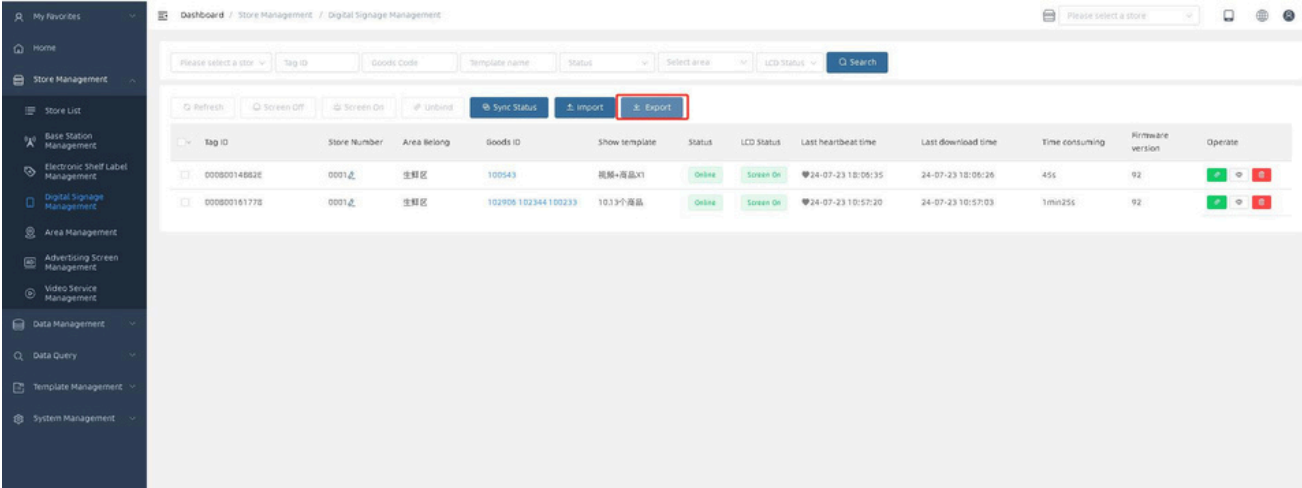


5.4.2 Import and export price tag

Click the Import button to import the MAC address of the price tag as an Excel file to get the device information.

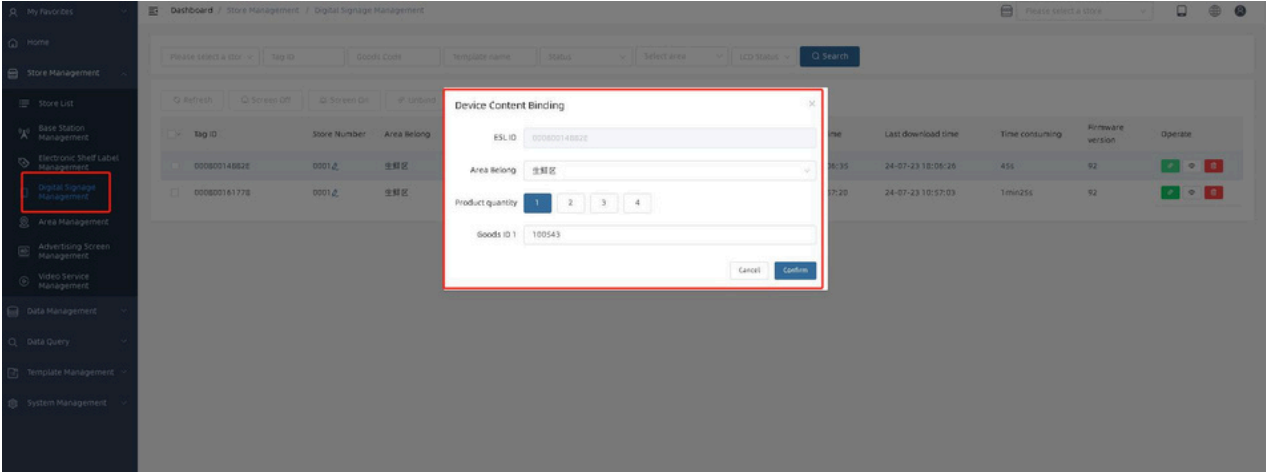
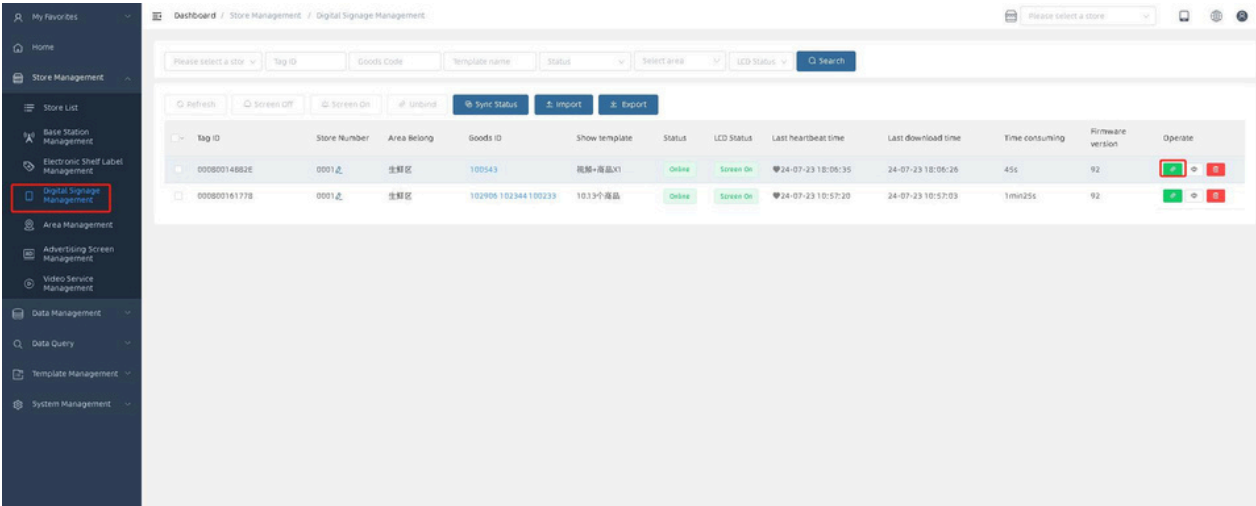


Click the initial button to export all the digital signage lists under the current filter.



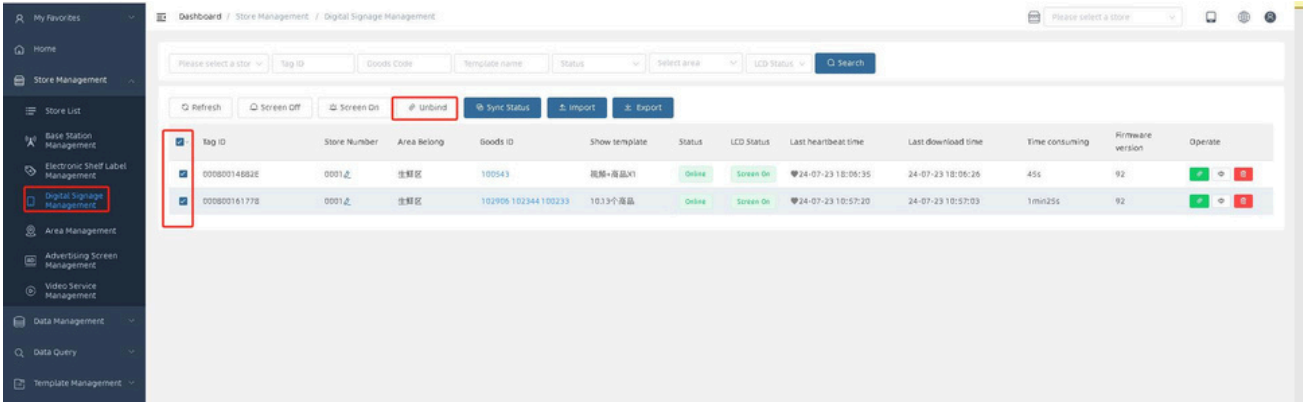
5.4.3 Product Bind and Unbind

You can set the region to which the price tag belongs and select the product ID you want to bind by clicking the Bind button corresponding to the price tag.



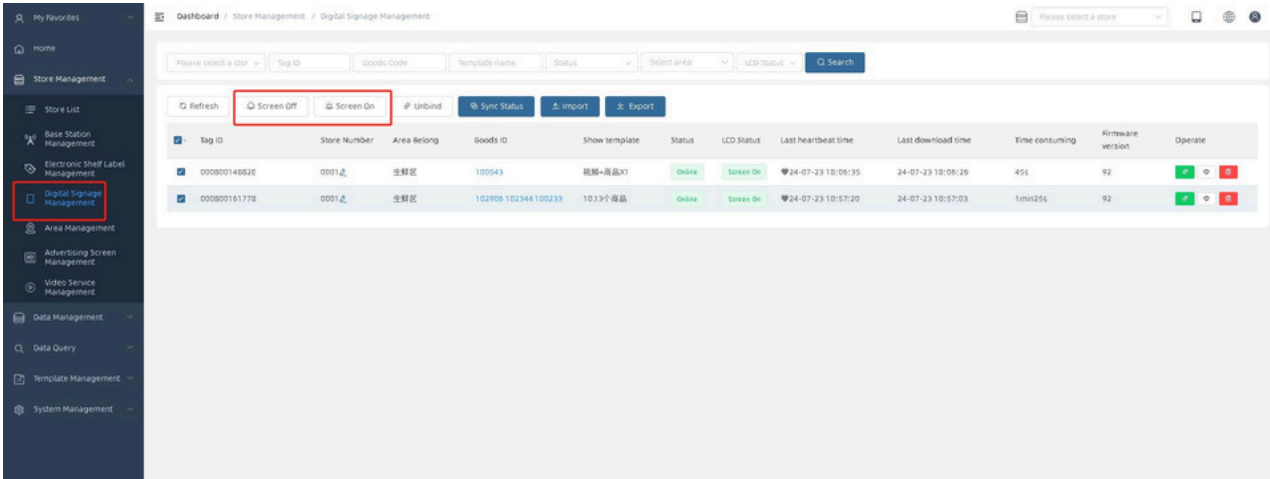
Limited Scope of Use

Tick the digital signage in the list and click the Unbind button to batch unbind the signage and m erc handise.



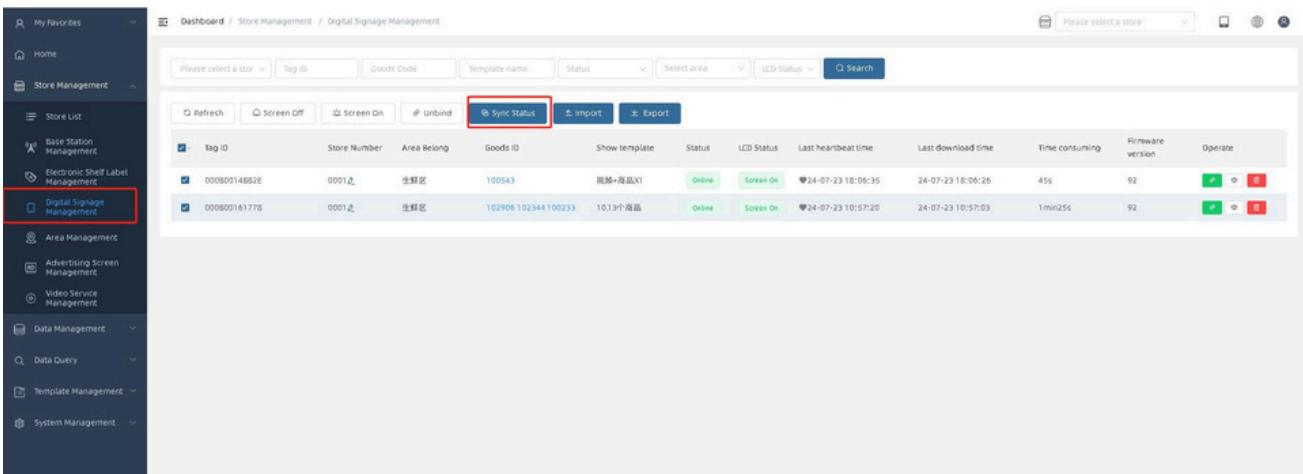
5.4.4 Screen on and screen off

Tick the price tag at the bottom of the list to bulk control the device's Screen on and screen off.



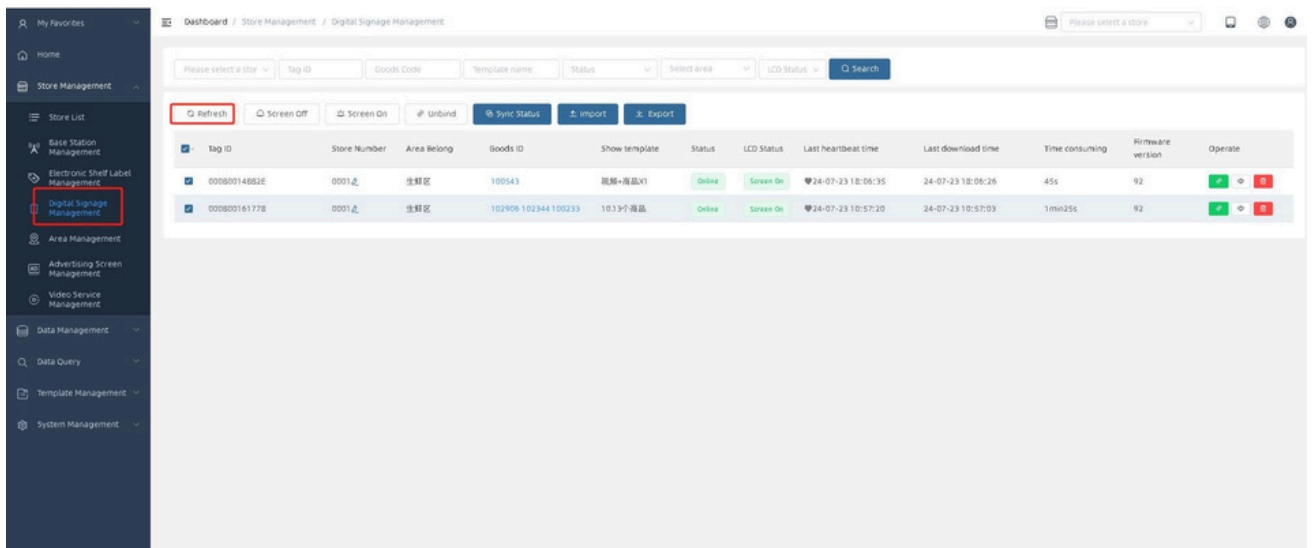
5.4.5 Synchronize device status

Click the Sync Status button to manually synchronize all device statuses.



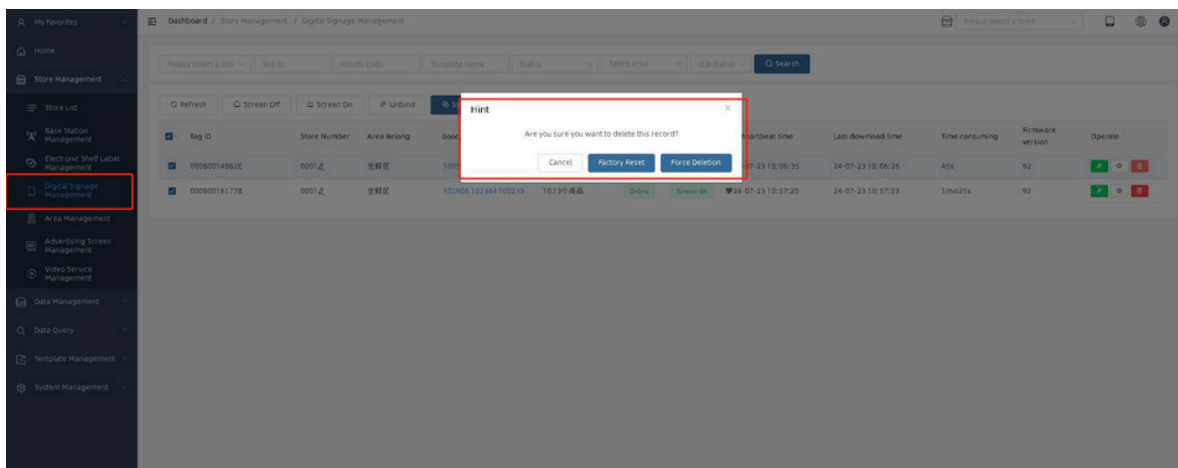
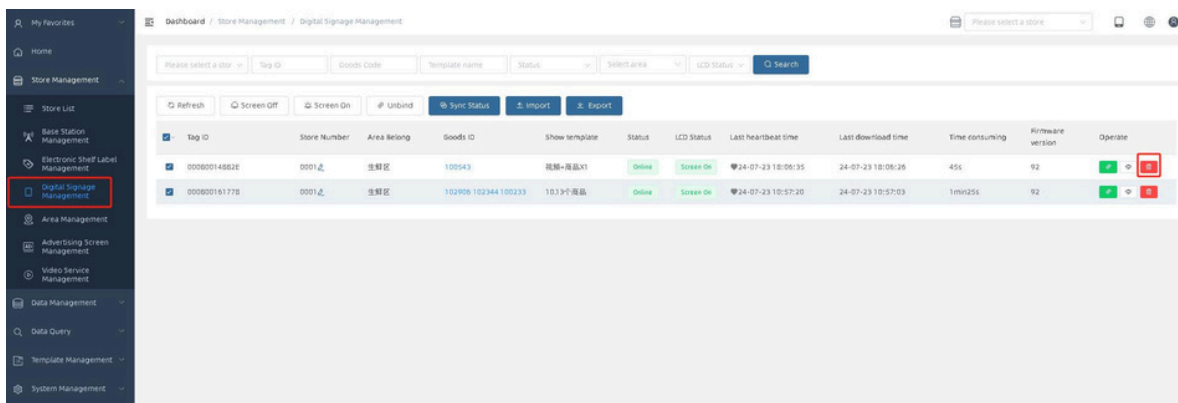
5.4.6 Refresh price tag

Tick the price tag at the bottom of the list and click the Refresh button to batch-refresh the price tag information.



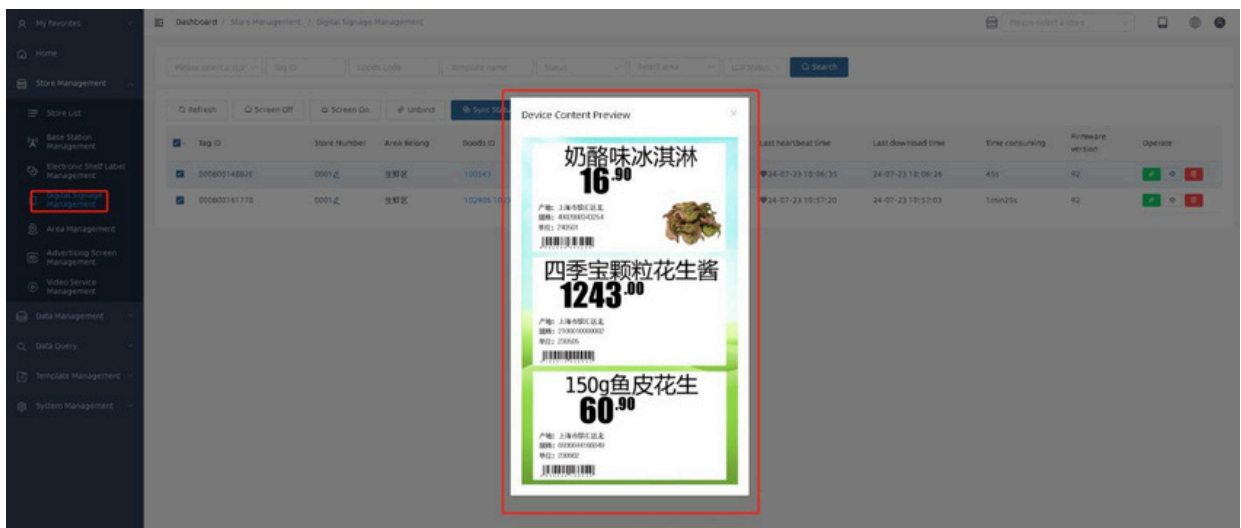
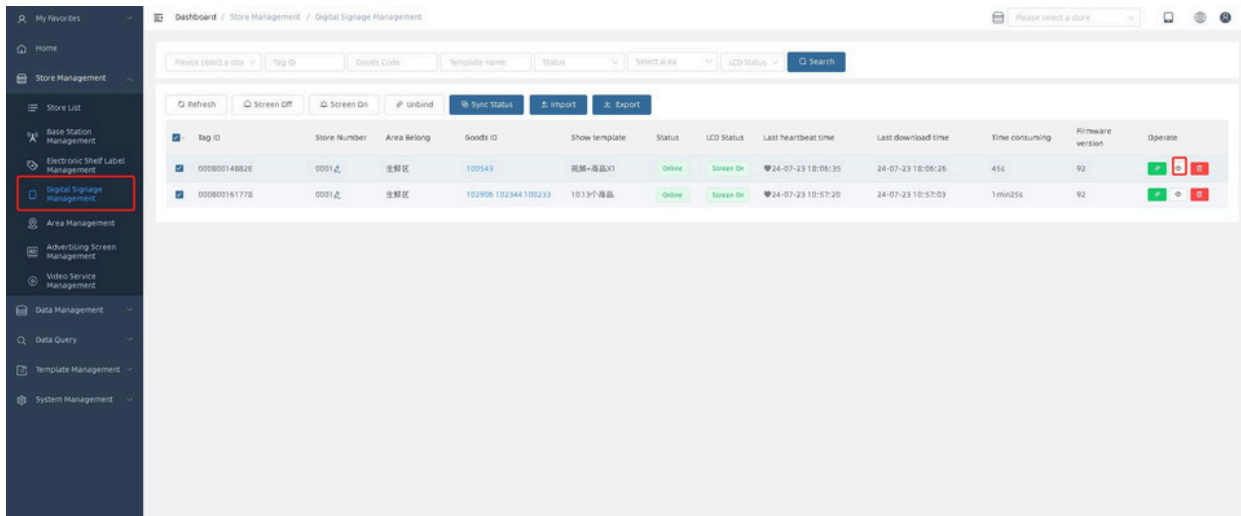
5.4.7 Delete price tag

You can choose to delete the device in the system or restore the factory settings by clicking the Delete button of the corresponding price tag.



5.4.8 Preview price tag

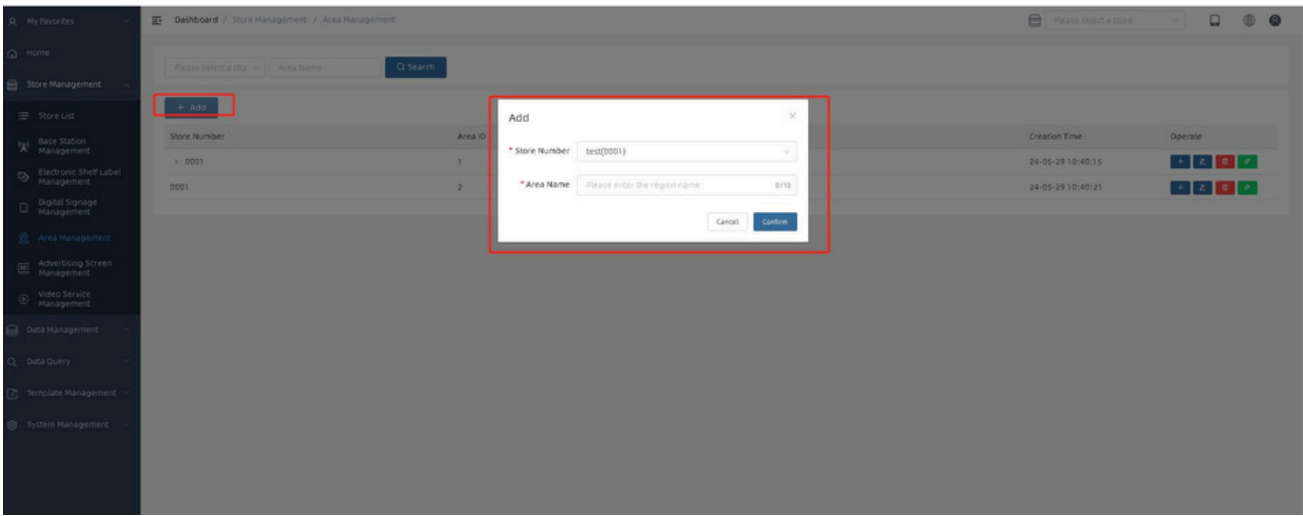
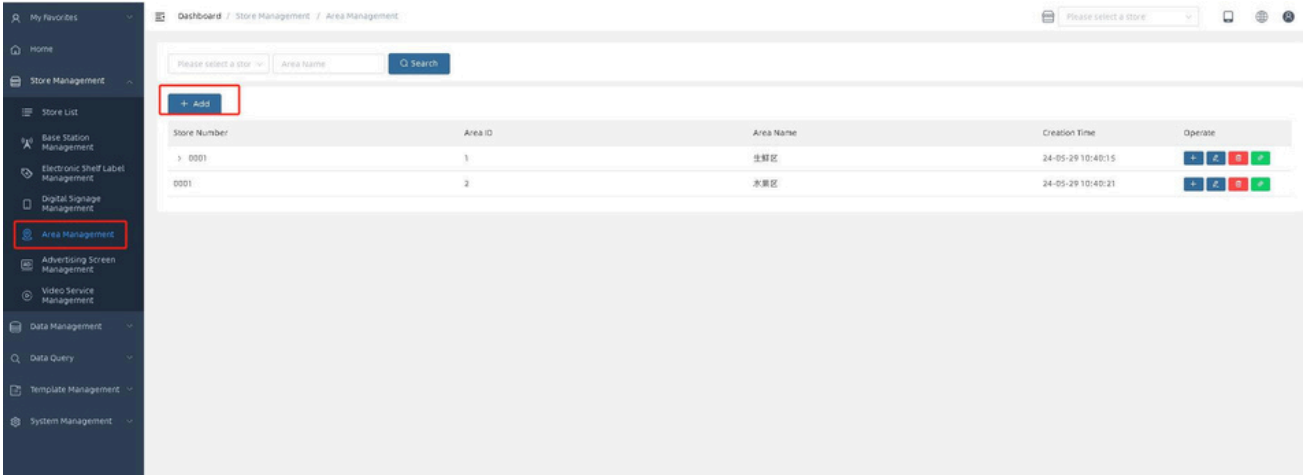
Click on the preview button corresponding to the price tag to preview the content displayed for that device.



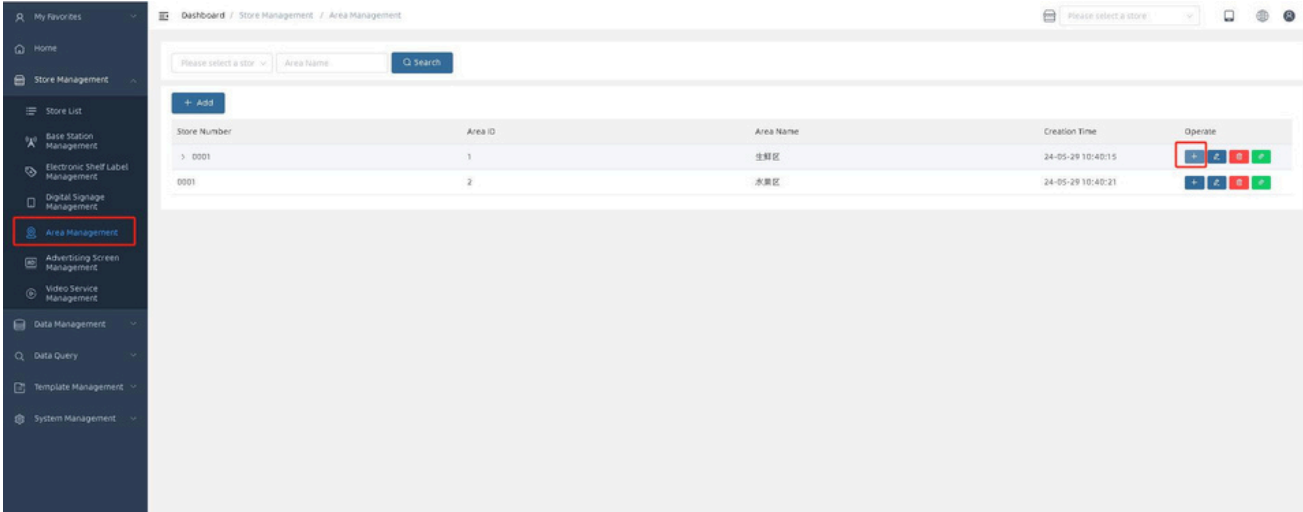
5.5 Area Management

5.5.1 Adding Area and Sub-Area

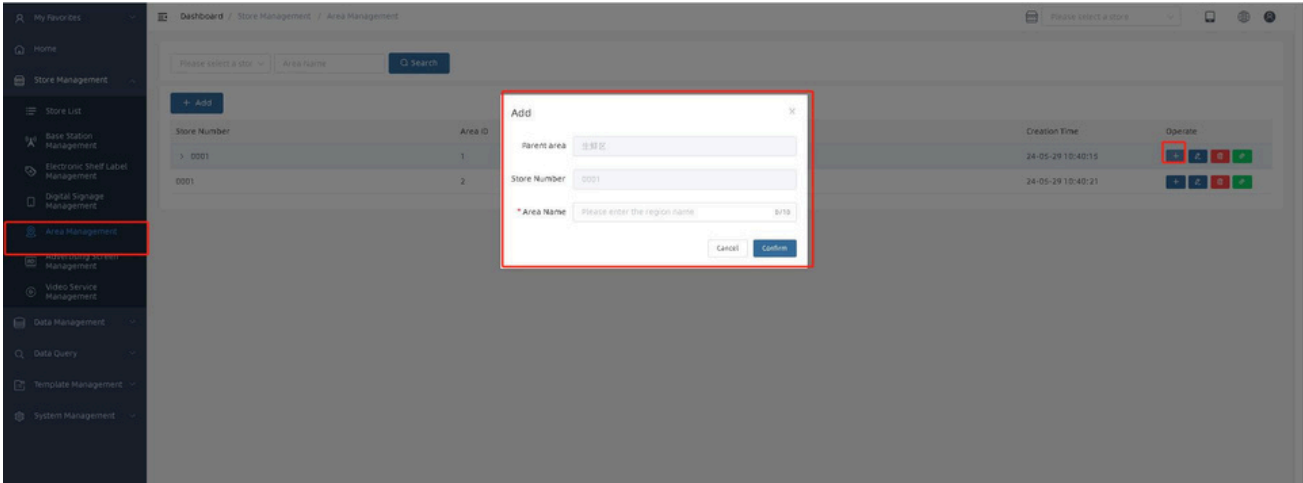
Click on the Add button to create a new area for the specified shop. The area can be used to manage the partition to which the price tag belongs.



Child areas can be added under the parent area by clicking the Add button corresponding to that area.

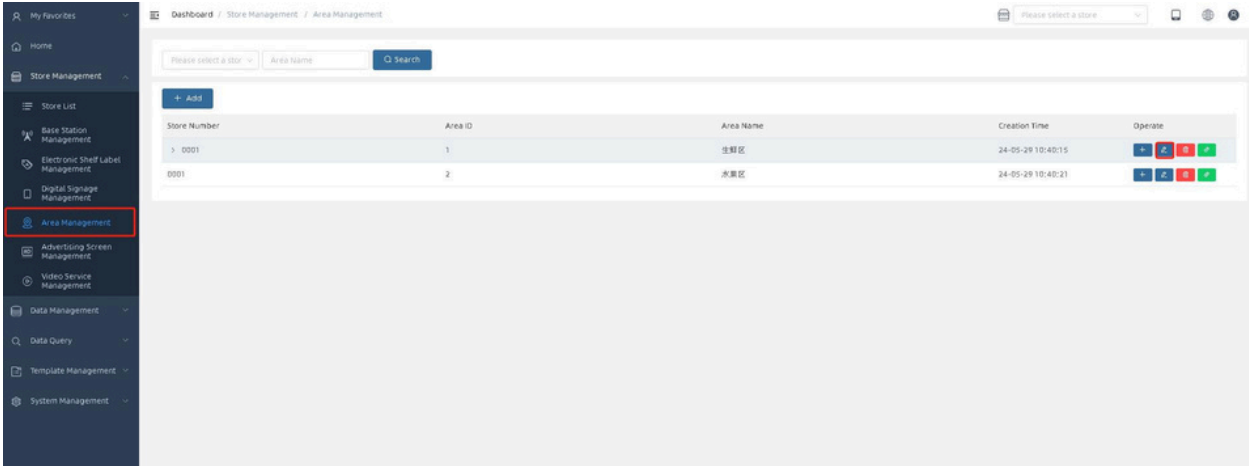


Limited Scope of Use



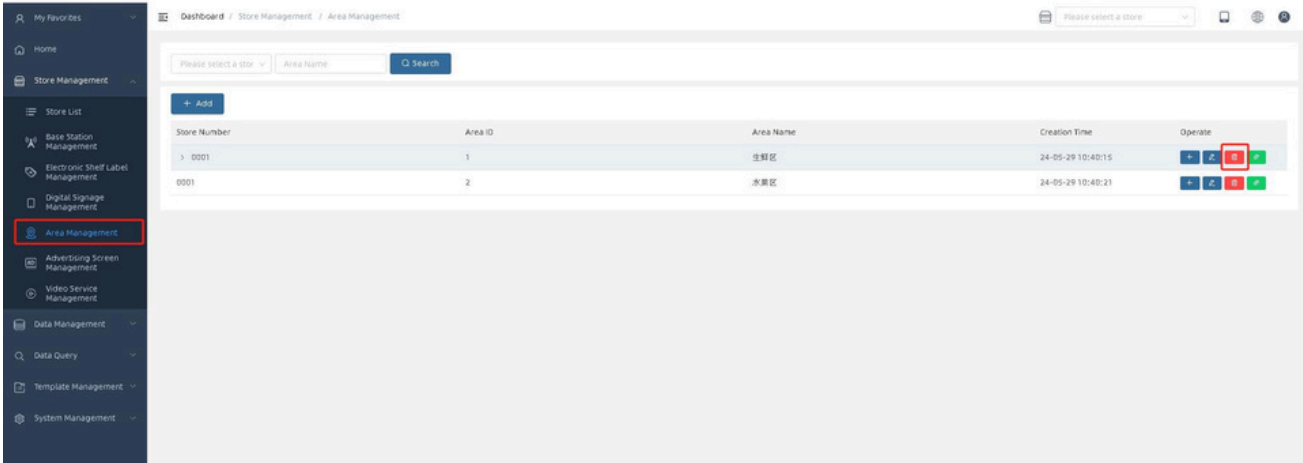
5.5.2 Edit area

You can edit the shop to which the area belongs and the name of the area by clicking the Edit button corresponding to the area.



5.5.3 Delete area

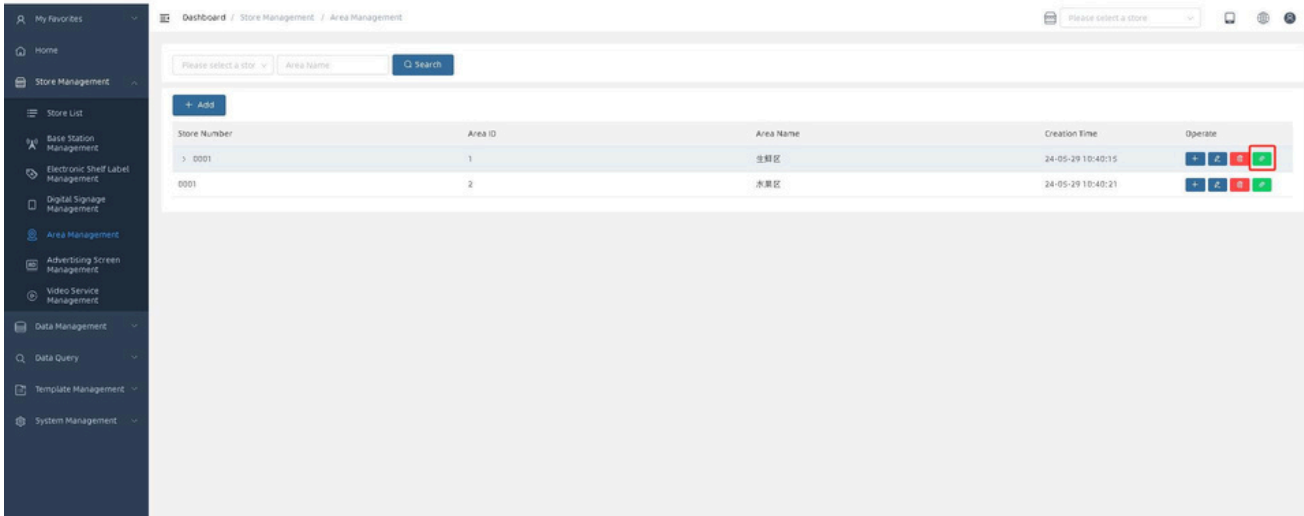
Click the Delete button to delete the specified area



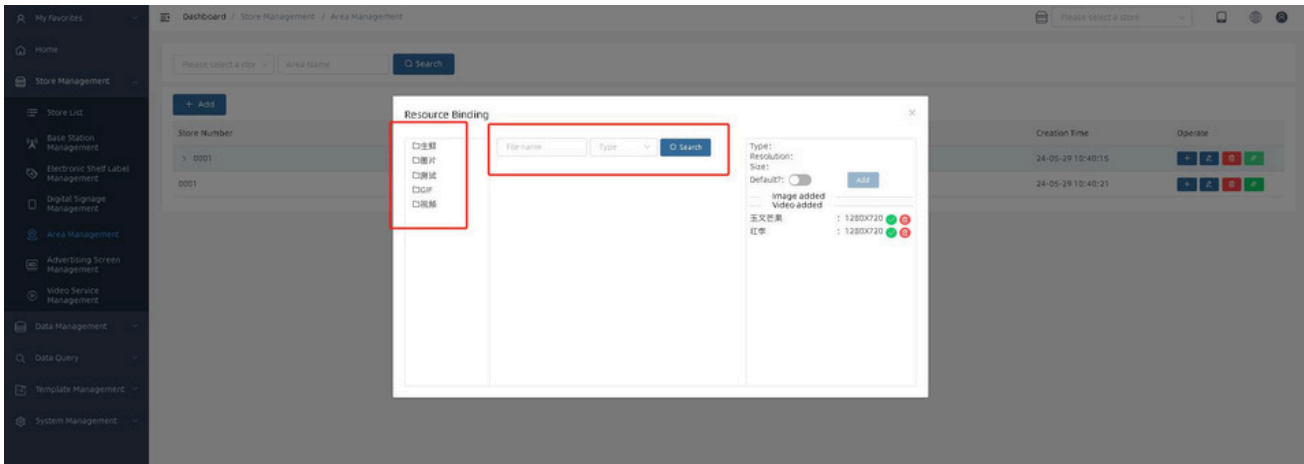
Limited Scope of Use

5.5.4 Bound area material

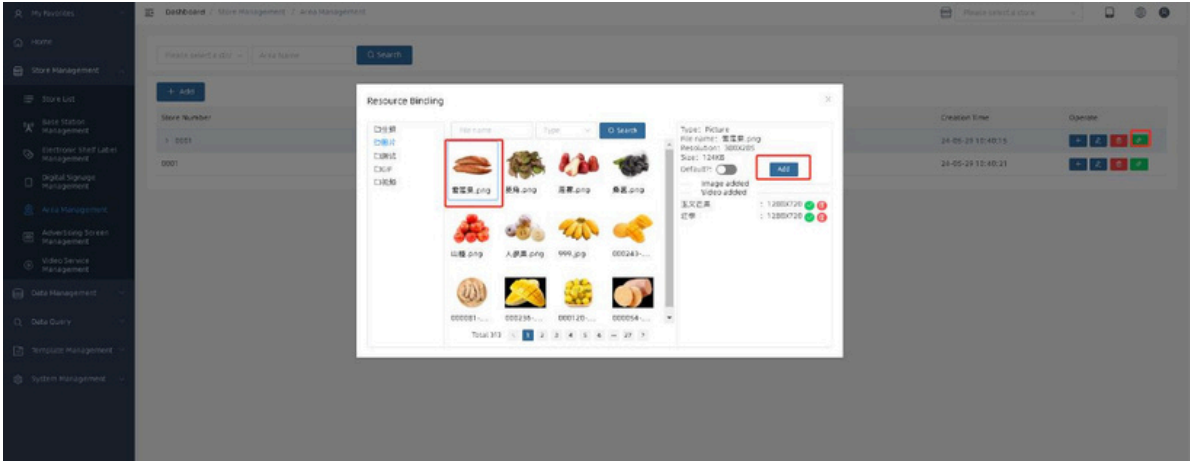
1. Click the Binding button of the corresponding area to enter the material binding page.



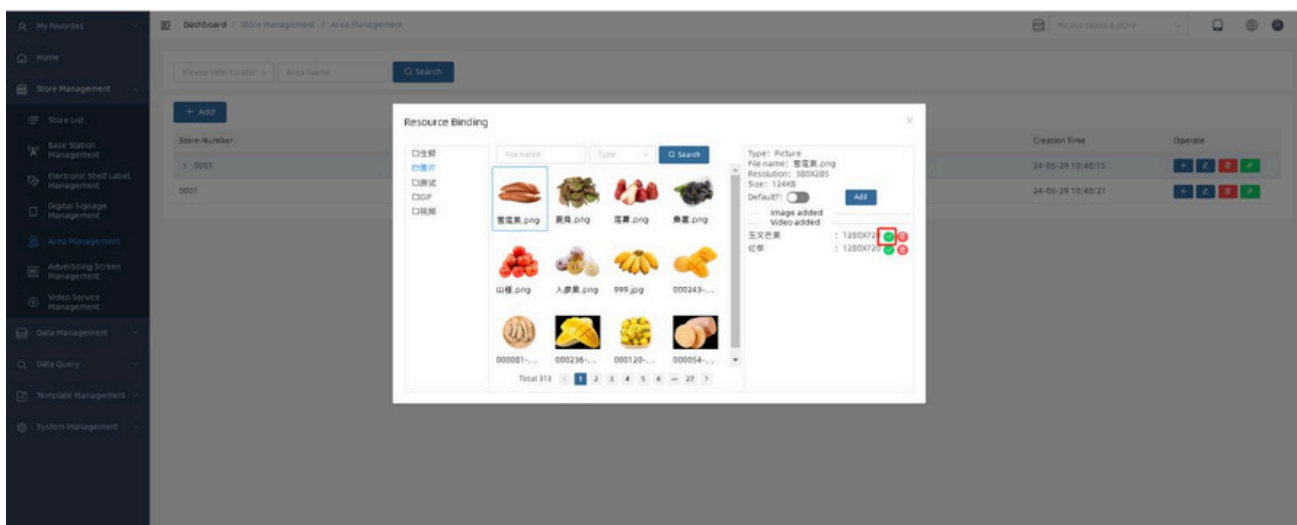
2. Select a category on the left or enter a clip name or select a clip type above to find the desired clip.



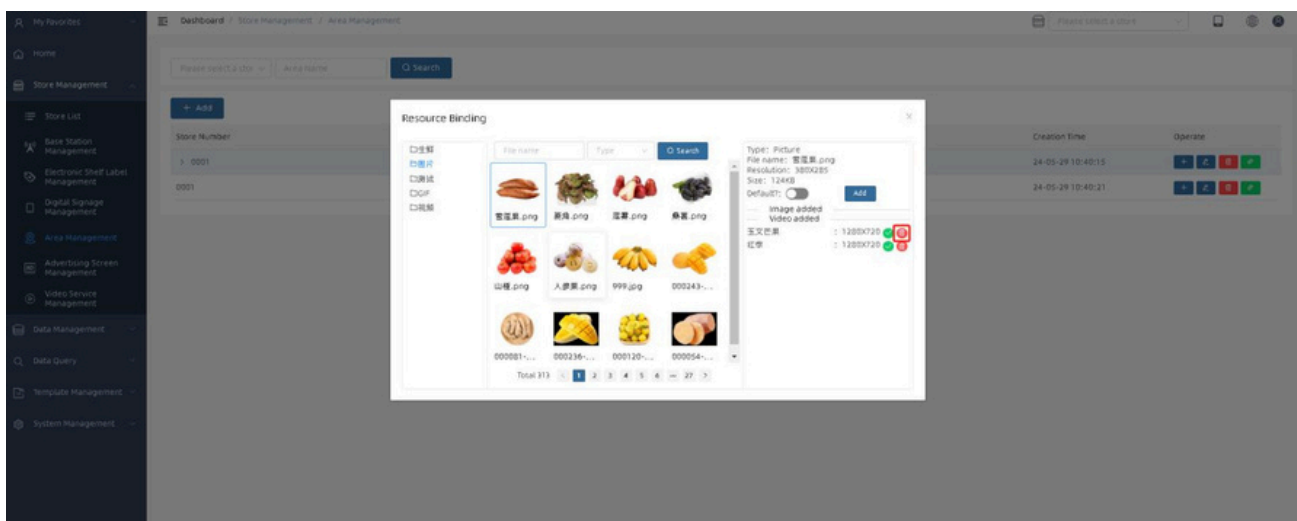
3. Select the material you want to bind click the Add button to bind the material, and turn on the Default switch to set the material as the default material.



4. You can click the button as shown in the picture to set the bound clip as the default clip.



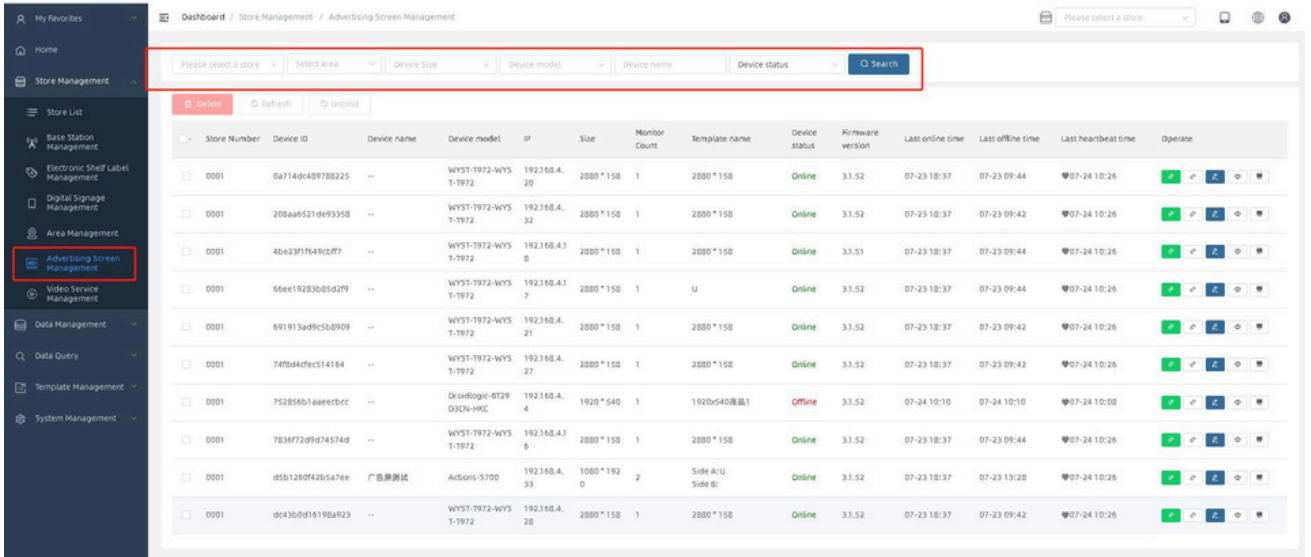
5. Click the Delete button to delete the clip.



5.6 Advertisement screen management

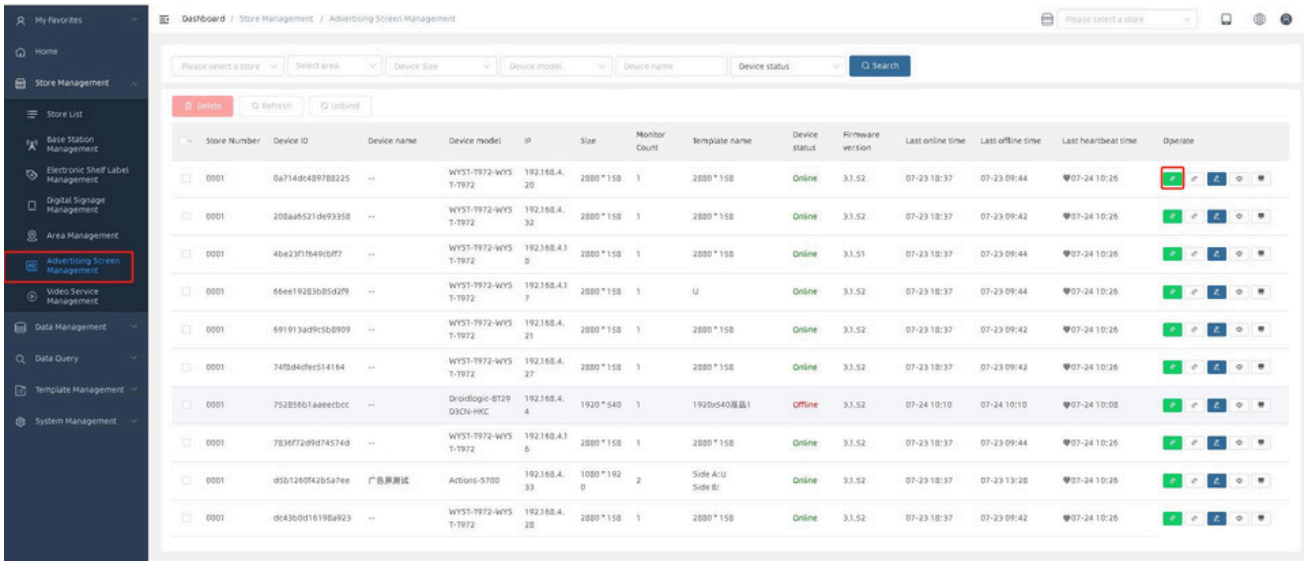
5.6.1 Enquiry Device

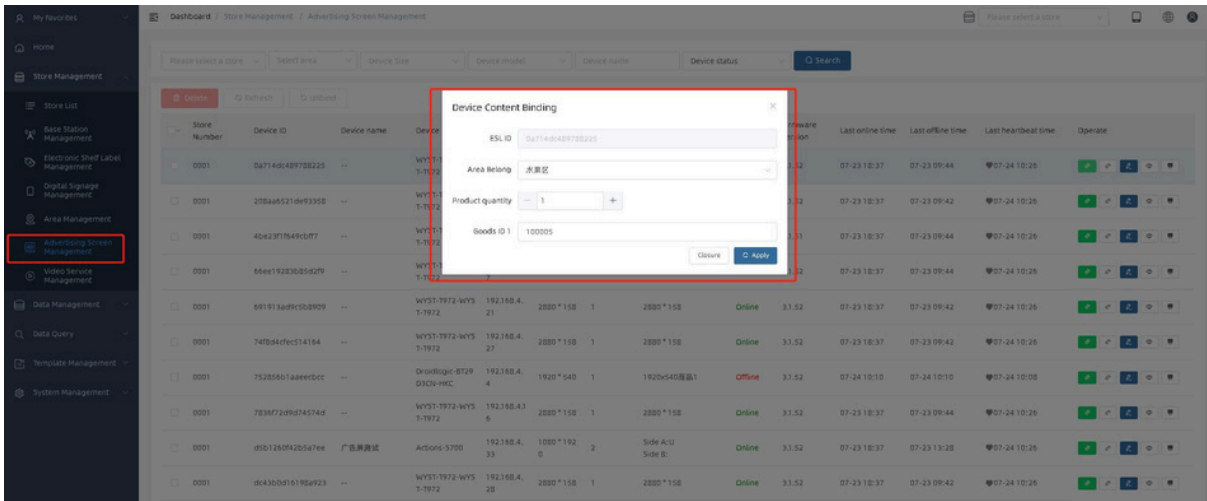
You can quickly retrieve the equipment you want to query based on the shop it belongs to, region, equipment size, equipment model, equipment name, and equipment status.



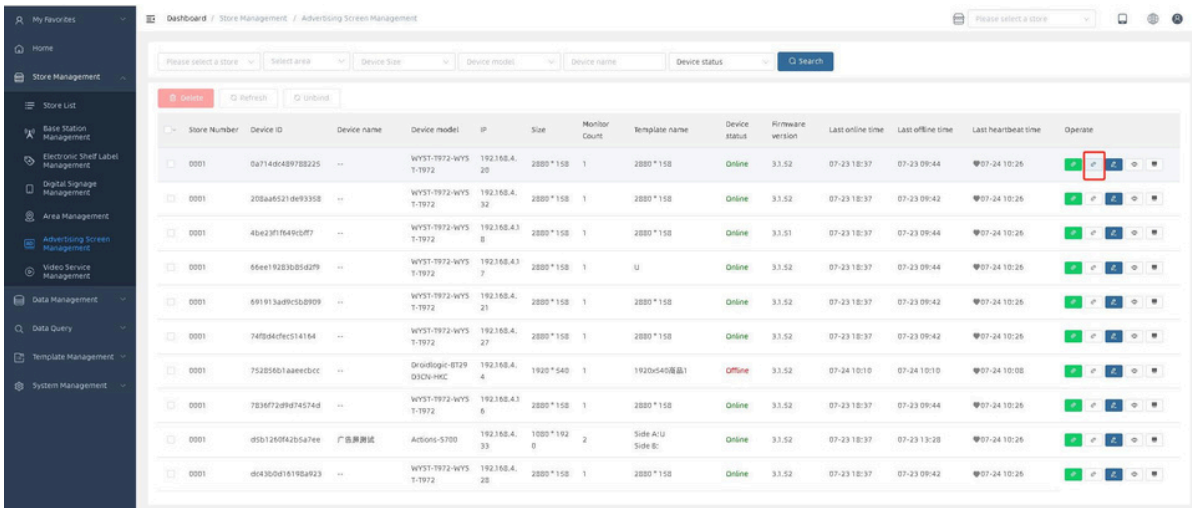
5.6.2 Product Bind and Unbind

You can set the binding area of the device and the product ID you want to bind by clicking the corresponding device's binding button, and the product ID supports binding multiple products. After binding, the system will automatically match the template according to the size of the device and the number of bound products.

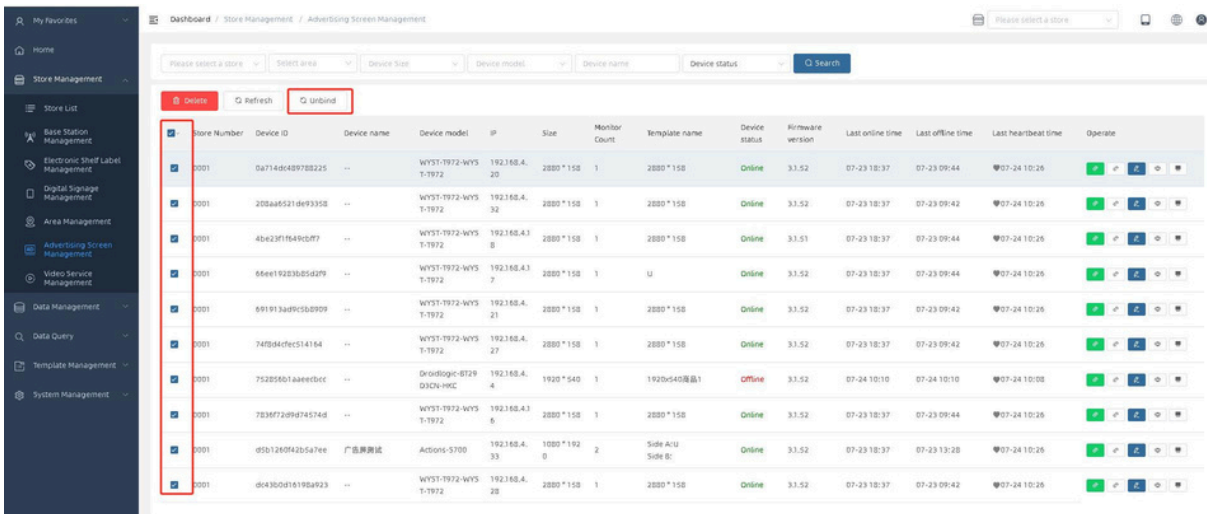




You can unbind the product binding information of a device by clicking the unbind button corresponding to the device.



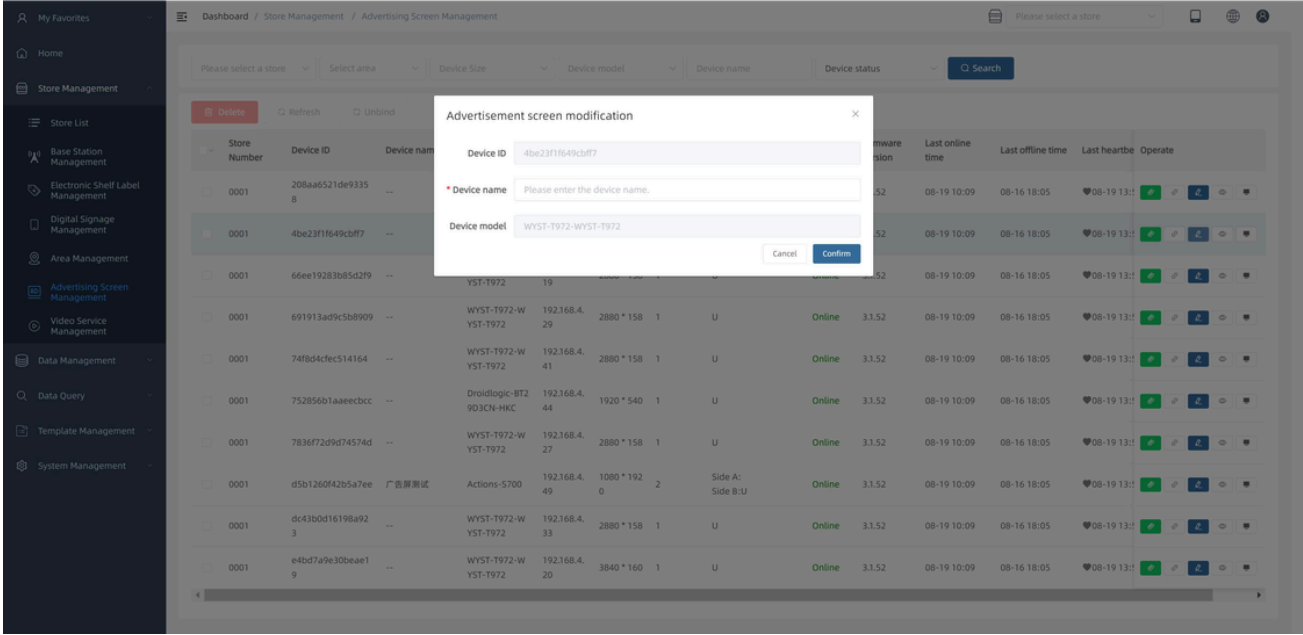
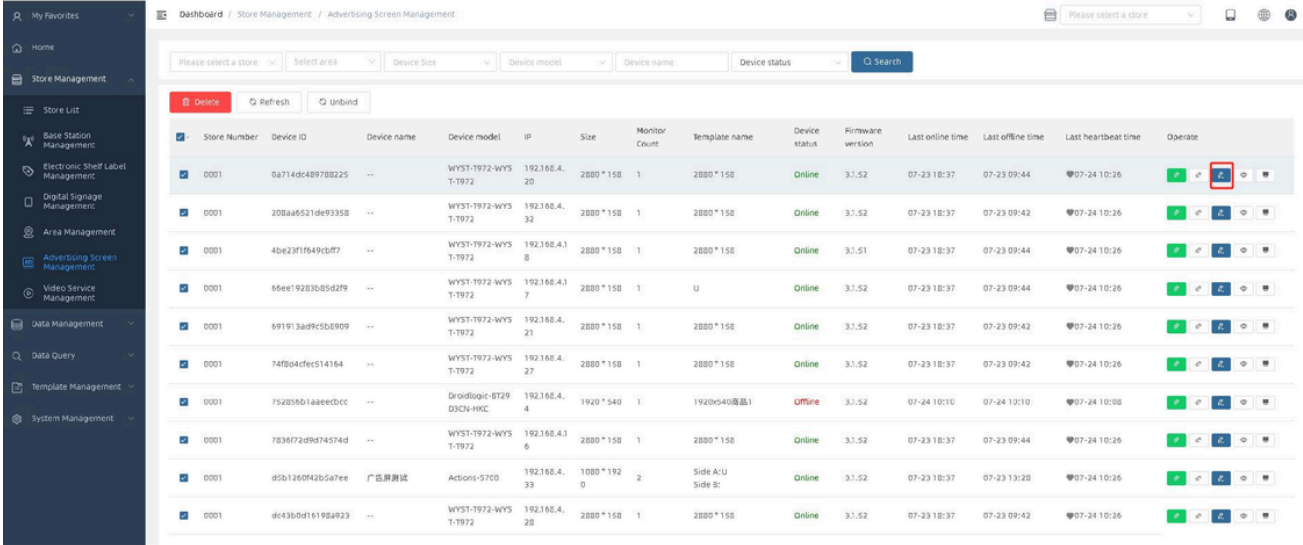
You can also tick the devices you want to unbind and click the Unbind button to batch unbind the product binding relationship.



Limited Scope of Use

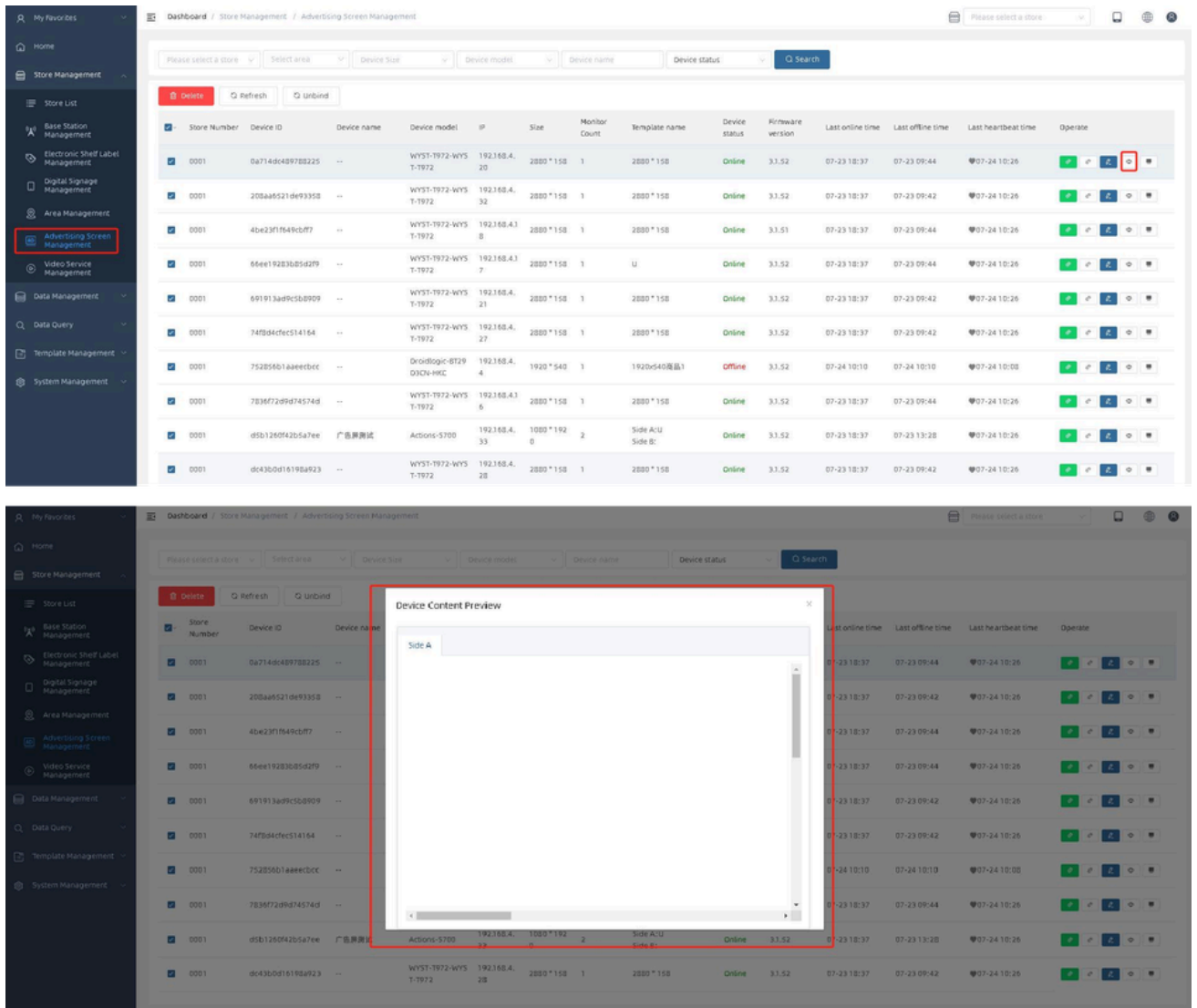
5.6.3 Advertising Screen Editor

You can edit the device name by clicking the Edit button corresponding to the device.



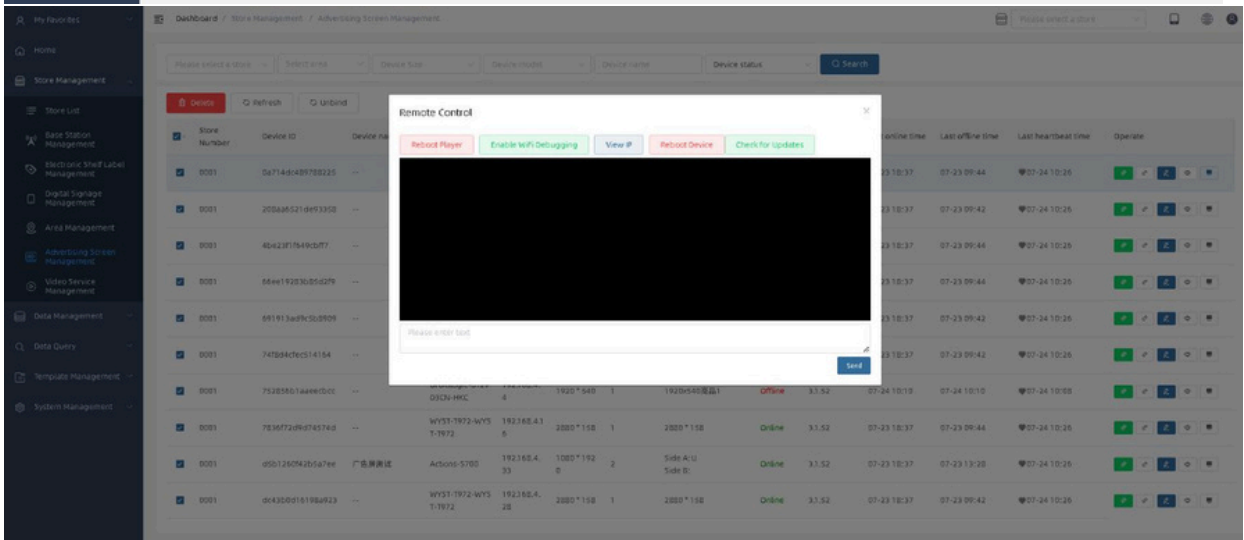
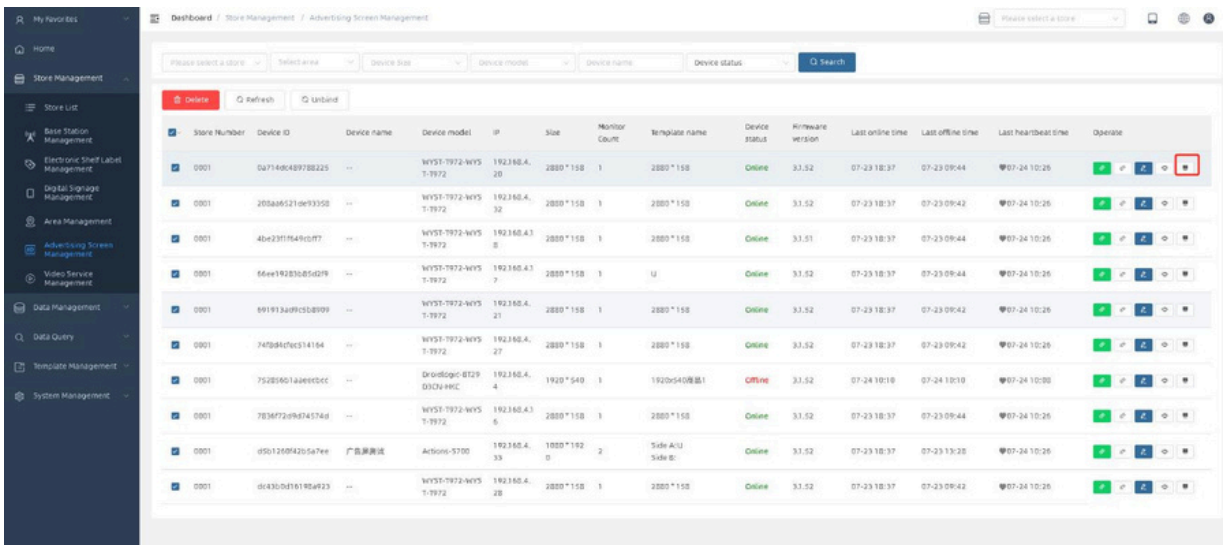
5.6.4 Advertising Screen Preview

Click the preview button corresponding to the device you want to preview to view the effect of the device content display.



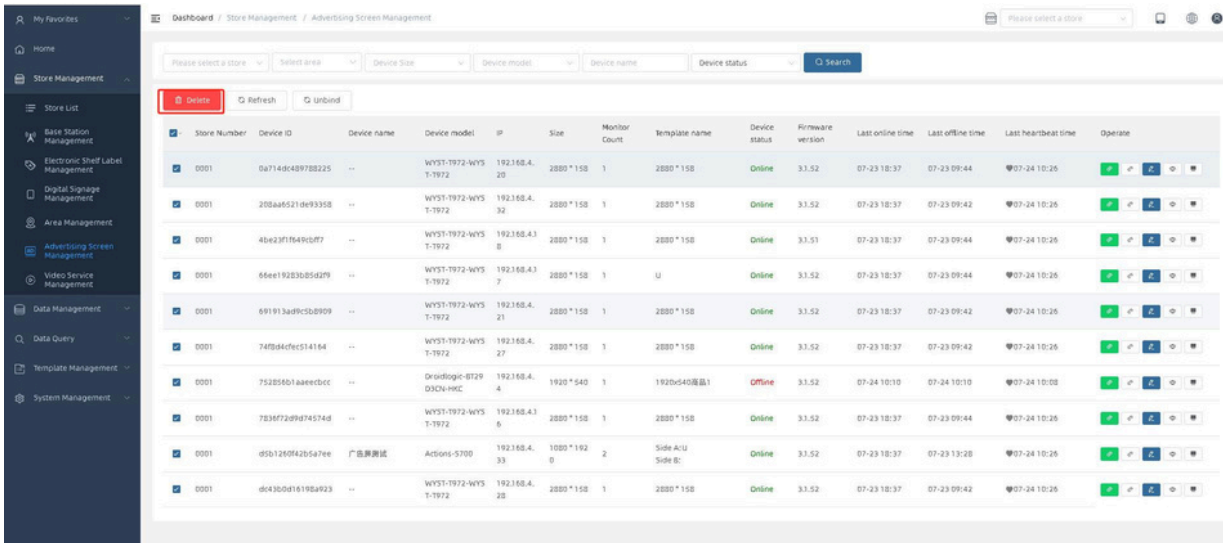
5.6.5 Remote control

Remote control commands can be output for scheduling devices by clicking the remote control button corresponding to the device.



5.6.6 Delete Device

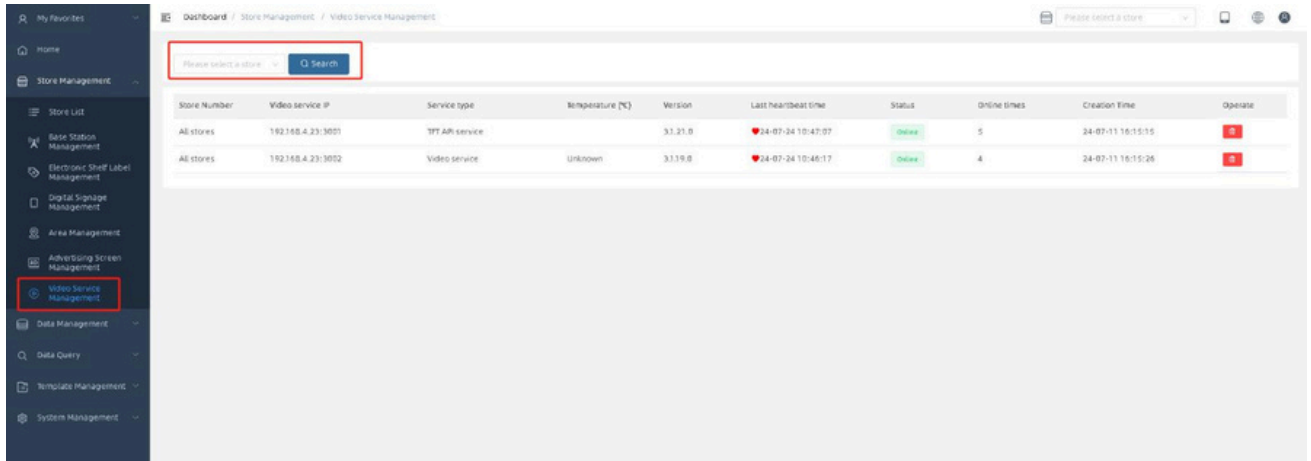
Tick the devices you want to delete and click the Delete button to delete the device information in bulk.



5.7 Video Service Management

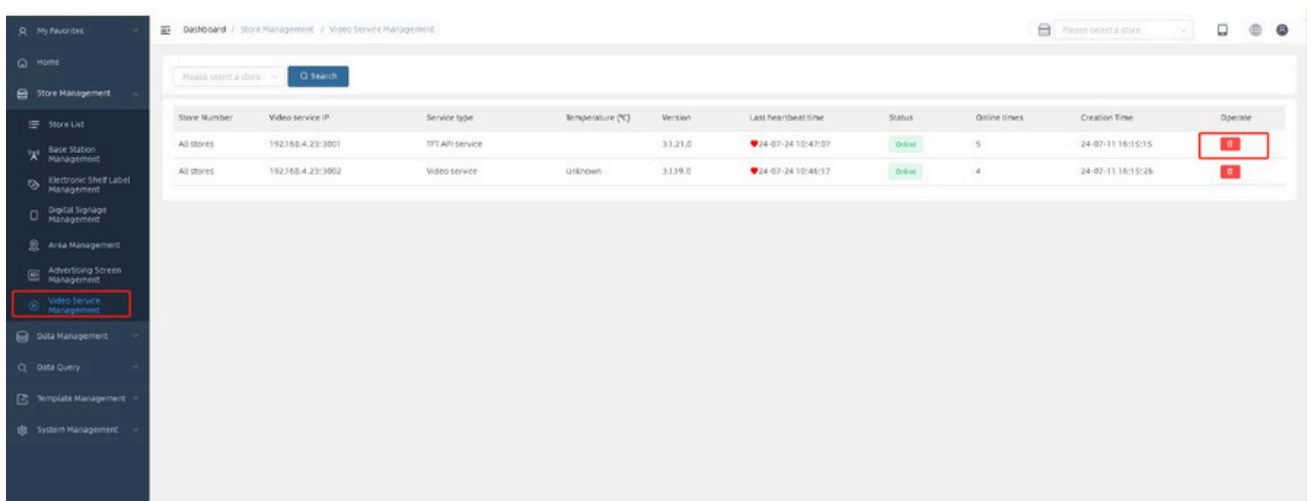
5.7.1 Enquiry Service

You can filter by shop to see all video services under that shop.



5.7.2 Delete Service

Click the Delete button for the service you want to delete.

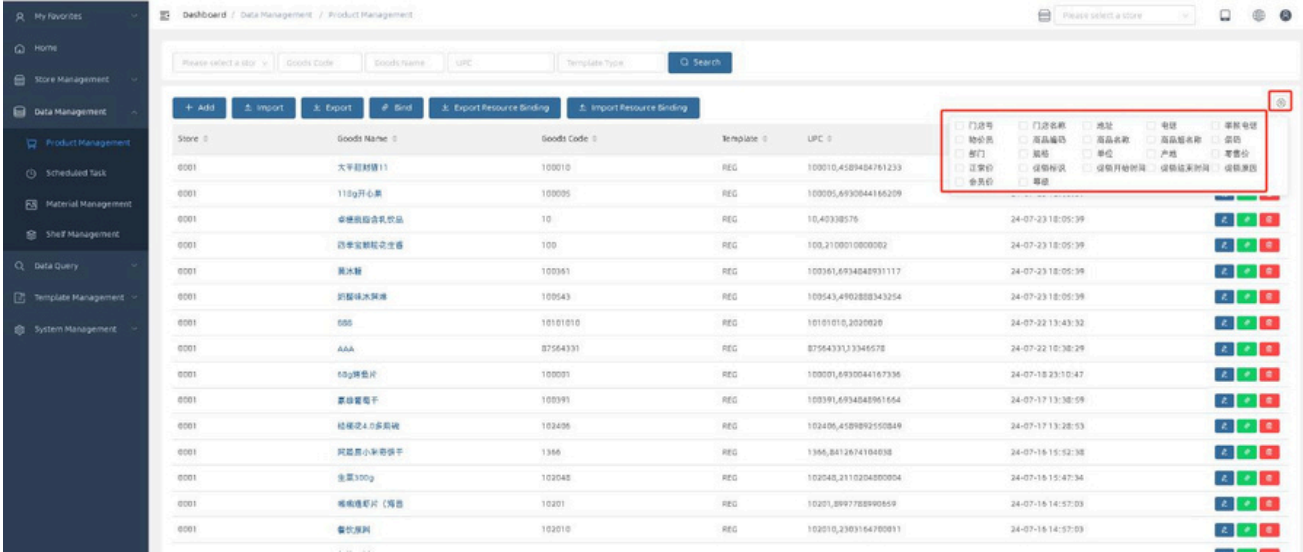


6 Data management

6.1 Product Management

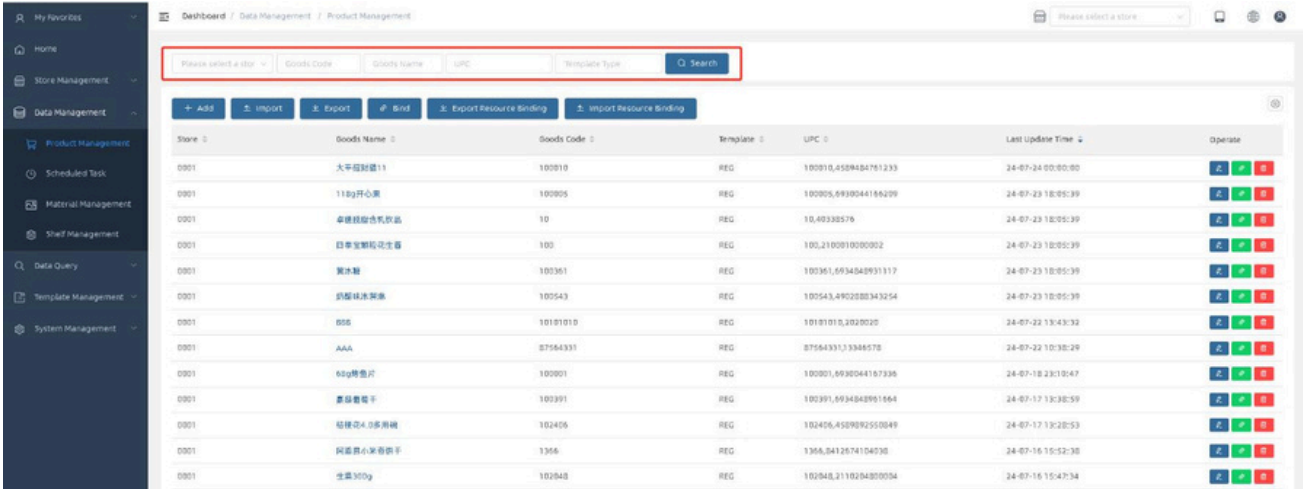
6.1.1 Custom List

Click the List Settings button to freely set the product fields that the list wants to display.



6.1.2 Enquiry Product

You can quickly retrieve the product information you want to search by shop, product code, product name, product UPC, and template type.



6.1.3 Add Product

Click the Add button and enter the product information to add products to the specified shop (product fields need to be configured in the initialization of the system), where the template type and shop name must be selected.

Store	Goods Name	Goods Code	Template	UPC	Last Update Time	Operate
0001	太平超好糖11	100010	REG	100010,4589484761233	24-07-24 00:00:00	[Add] [Edit] [Delete]
0001	110g开心果	100005	REG	100005,6930544166209	24-07-23 18:05:39	[Add] [Edit] [Delete]
0001	卓德脱脂含乳饮品	10	REG	10,40330576	24-07-23 18:05:39	[Add] [Edit] [Delete]
0001	百事宝脱脂花生露	100	REG	100,2100010000002	24-07-23 18:05:39	[Add] [Edit] [Delete]
0001	真冰激	100361	REG	100361,693484931117	24-07-23 18:05:39	[Add] [Edit] [Delete]
0001	奶酸味冰激凌	100543	REG	100543,490288343254	24-07-23 18:05:39	[Add] [Edit] [Delete]
0001	886	10101010	REG	10101010,2020020	24-07-22 13:43:32	[Add] [Edit] [Delete]
0001	AAA	07564331	REG	07564331,3346570	24-07-22 10:30:29	[Add] [Edit] [Delete]
0001	60g椰香片	100001	REG	100001,6930544167336	24-07-18 23:10:47	[Add] [Edit] [Delete]
0001	慕尚威饼干	100391	REG	100391,693484981664	24-07-17 13:30:59	[Add] [Edit] [Delete]
0001	铭德源4.0多美糖	102406	REG	102406,458982950849	24-07-17 13:28:53	[Add] [Edit] [Delete]
0001	阿诺斯小果香饼干	1366	REG	1366,0412674104030	24-07-16 15:52:30	[Add] [Edit] [Delete]
0001	生果100g	102048	REG	102048,2110204800004	24-07-16 15:47:34	[Add] [Edit] [Delete]
0001	瑞瑞通舒汁(梅香)	102021	REG	10201,899778990059	24-07-16 14:57:03	[Add] [Edit] [Delete]
0001	薯饮冰淇	102010	REG	102010,2303164700011	24-07-16 14:57:03	[Add] [Edit] [Delete]

Product Management

Template: System Store:

门牌号: 门牌名称:

地址: 电话:

标准码: 商品名称:

商品编码: 商品名称:

商品名称: 品牌:

部门: 品牌:

单位: 产地:

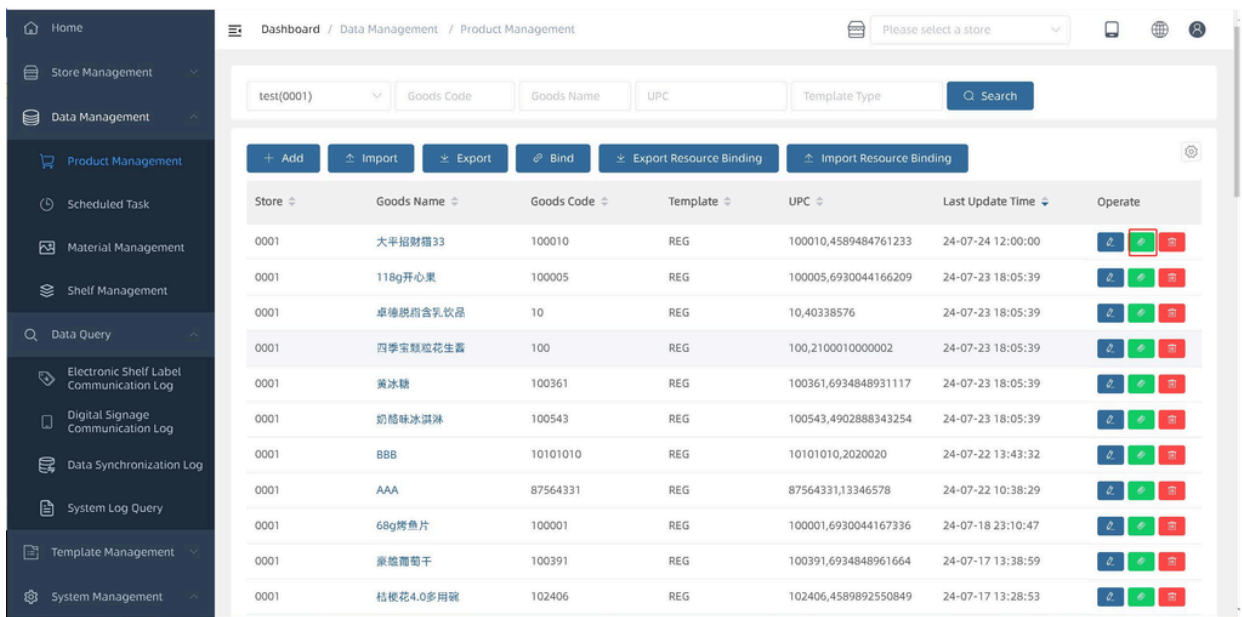
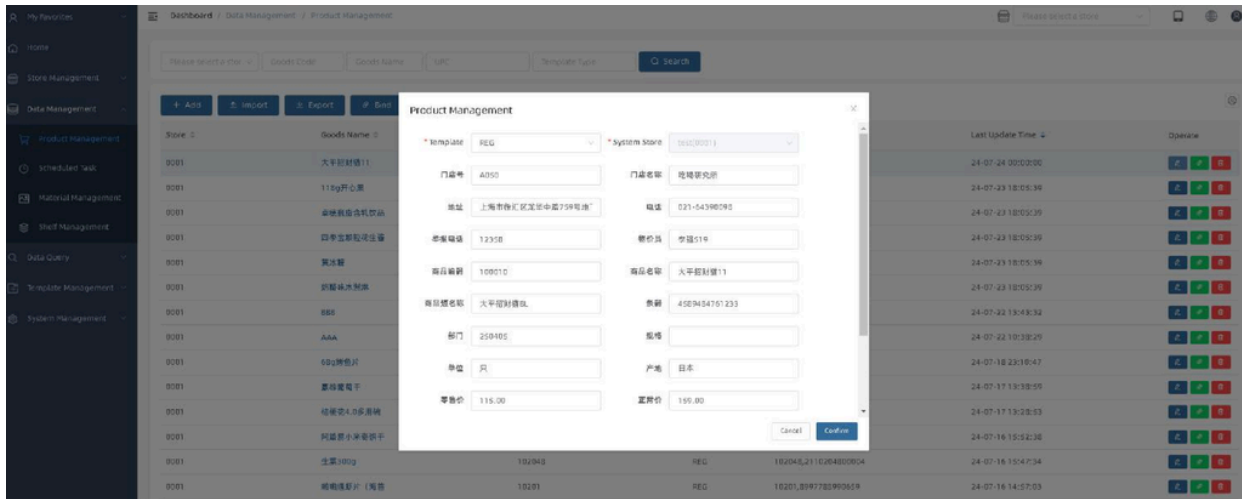
零售价: 定价价:

6.1.4 Edit Product

Product information can be modified by clicking the Edit button corresponding to the product, shop information cannot be modified.

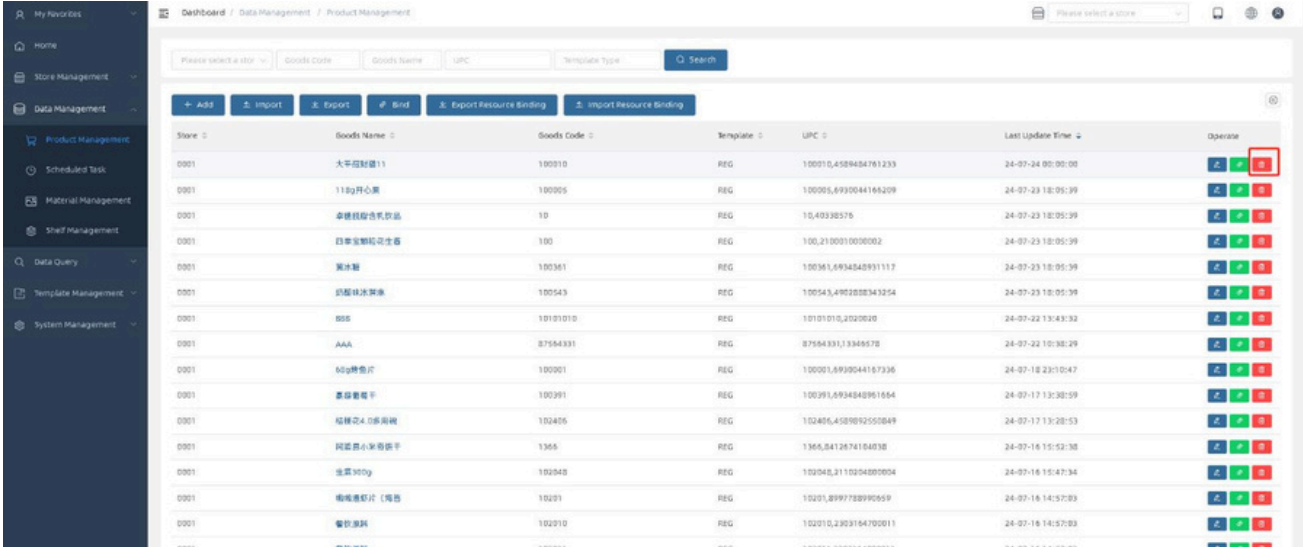
Store	Goods Name	Goods Code	Template	UPC	Last Update Time	Operate
0001	太平超好糖11	100010	REG	100010,4589484761233	24-07-24 00:00:00	[Add] [Edit] [Delete]
0001	110g开心果	100005	REG	100005,6930544166209	24-07-23 18:05:39	[Add] [Edit] [Delete]
0001	卓德脱脂含乳饮品	10	REG	10,40330576	24-07-23 18:05:39	[Add] [Edit] [Delete]
0001	百事宝脱脂花生露	100	REG	100,2100010000002	24-07-23 18:05:39	[Add] [Edit] [Delete]
0001	真冰激	100361	REG	100361,693484931117	24-07-23 18:05:39	[Add] [Edit] [Delete]
0001	奶酸味冰激凌	100543	REG	100543,490288343254	24-07-23 18:05:39	[Add] [Edit] [Delete]
0001	886	10101010	REG	10101010,2020020	24-07-22 13:43:32	[Add] [Edit] [Delete]
0001	AAA	07564331	REG	07564331,3346570	24-07-22 10:30:29	[Add] [Edit] [Delete]
0001	60g椰香片	100001	REG	100001,6930544167336	24-07-18 23:10:47	[Add] [Edit] [Delete]
0001	慕尚威饼干	100391	REG	100391,693484981664	24-07-17 13:30:59	[Add] [Edit] [Delete]
0001	铭德源4.0多美糖	102406	REG	102406,458982950849	24-07-17 13:28:53	[Add] [Edit] [Delete]
0001	阿诺斯小果香饼干	1366	REG	1366,0412674104030	24-07-16 15:52:30	[Add] [Edit] [Delete]
0001	生果100g	102048	REG	102048,2110204800004	24-07-16 15:47:34	[Add] [Edit] [Delete]
0001	瑞瑞通舒汁(梅香)	102021	REG	10201,899778990059	24-07-16 14:57:03	[Add] [Edit] [Delete]
0001	薯饮冰淇	102010	REG	102010,2303164700011	24-07-16 14:57:03	[Add] [Edit] [Delete]
0001	薯饮冰淇	102011	REG	102011,2303164800011	24-07-16 14:57:03	[Add] [Edit] [Delete]

Limited Scope of Use



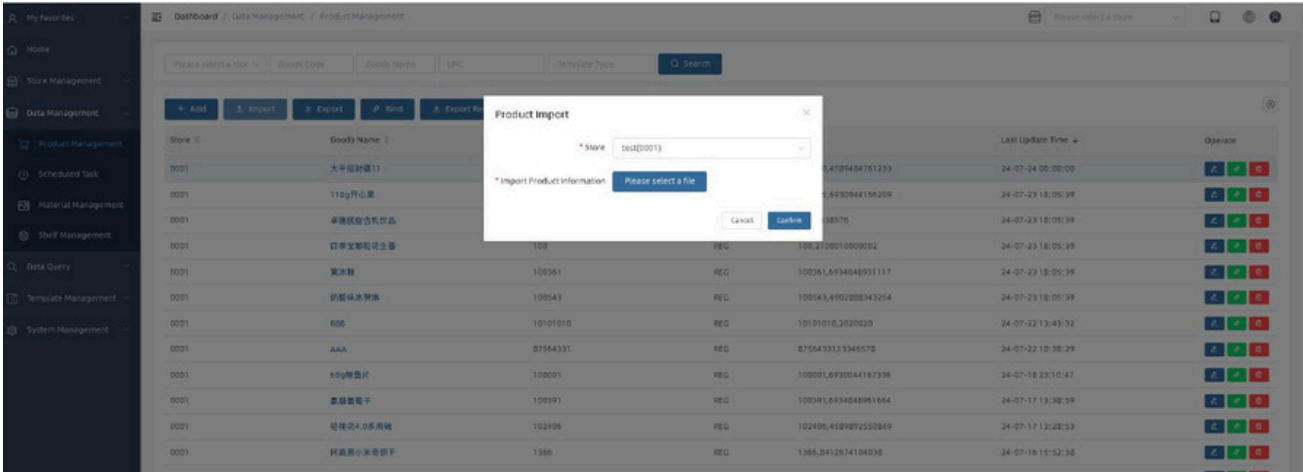
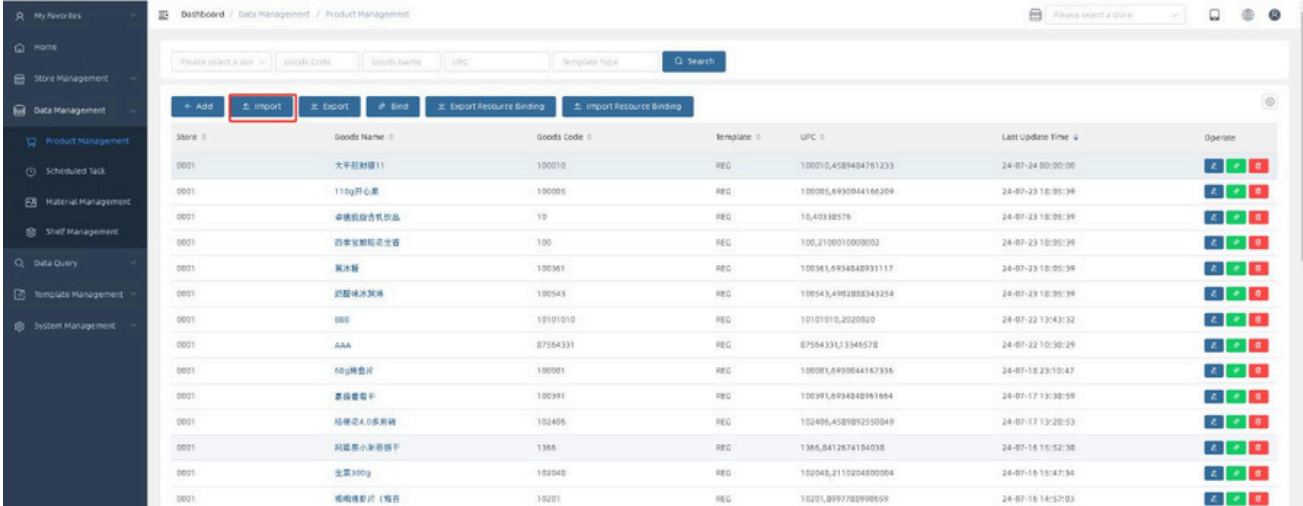
6.1.5 Delete Product

Click the Delete button to delete the specified product.



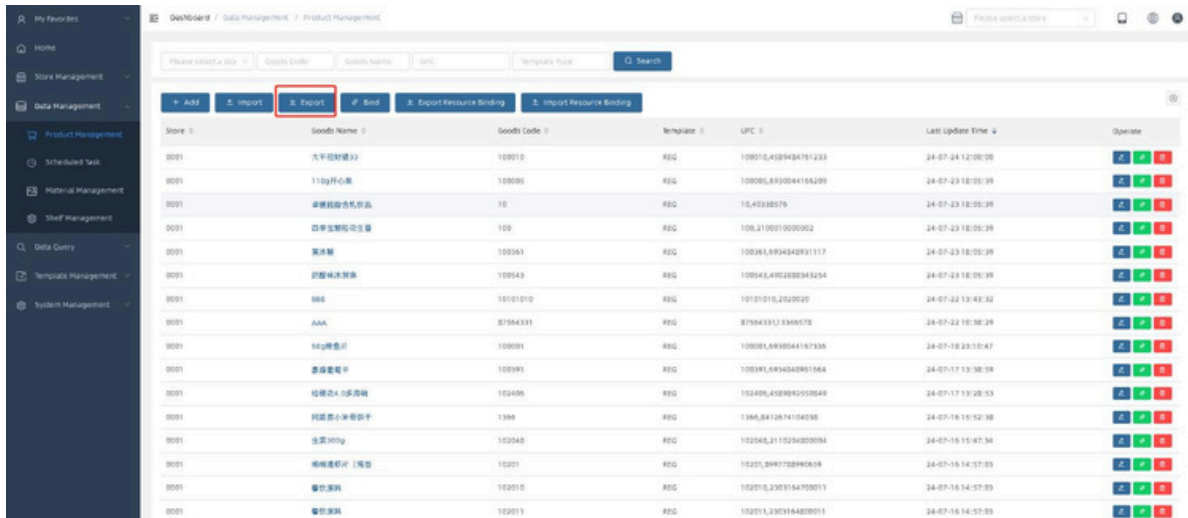
6.1.6 Product Import and Export

Click the Import button to select a shop and upload the product information file to import the products into the designated shop.



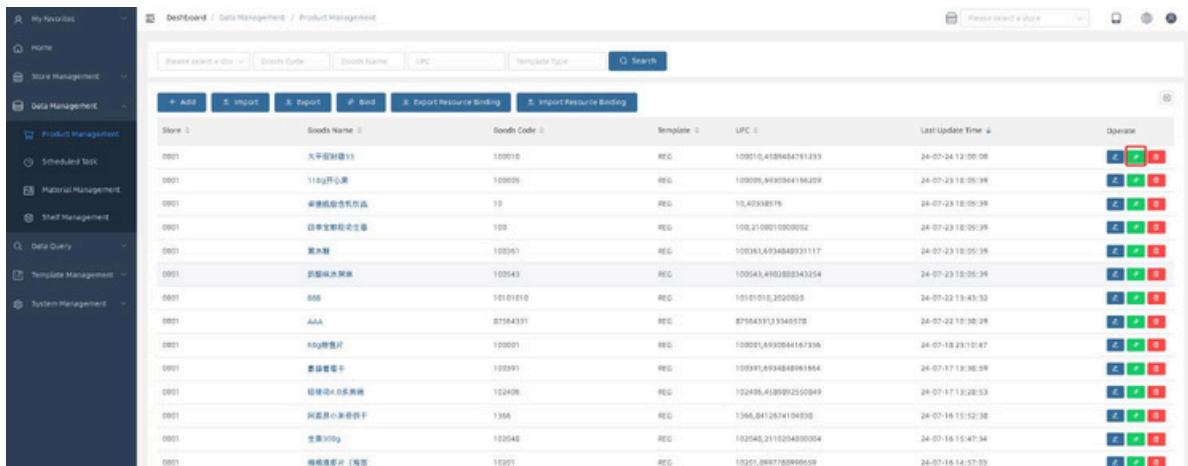
Limited Scope of Use

Select the shop data you want to export and click the Export button to export all the product information under that shop.

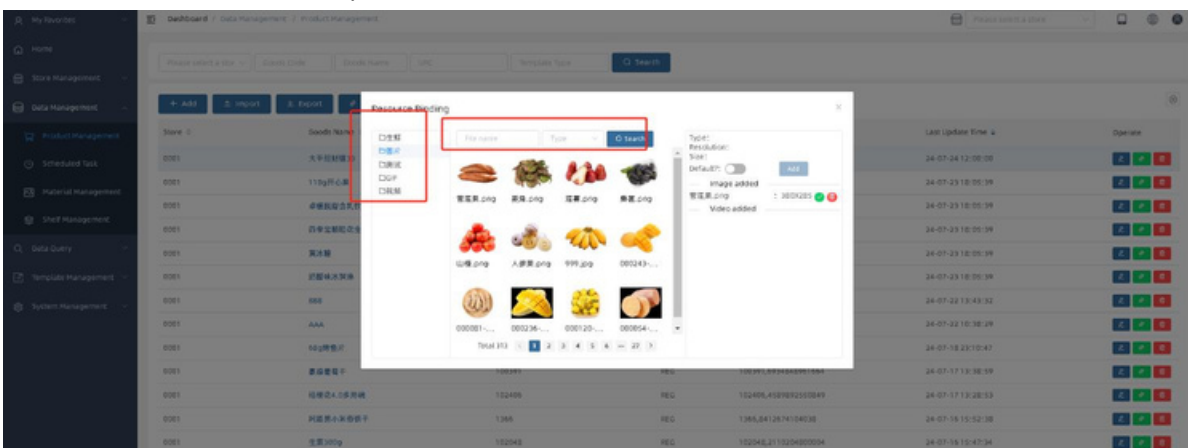


6.1.7 Product Material Bind

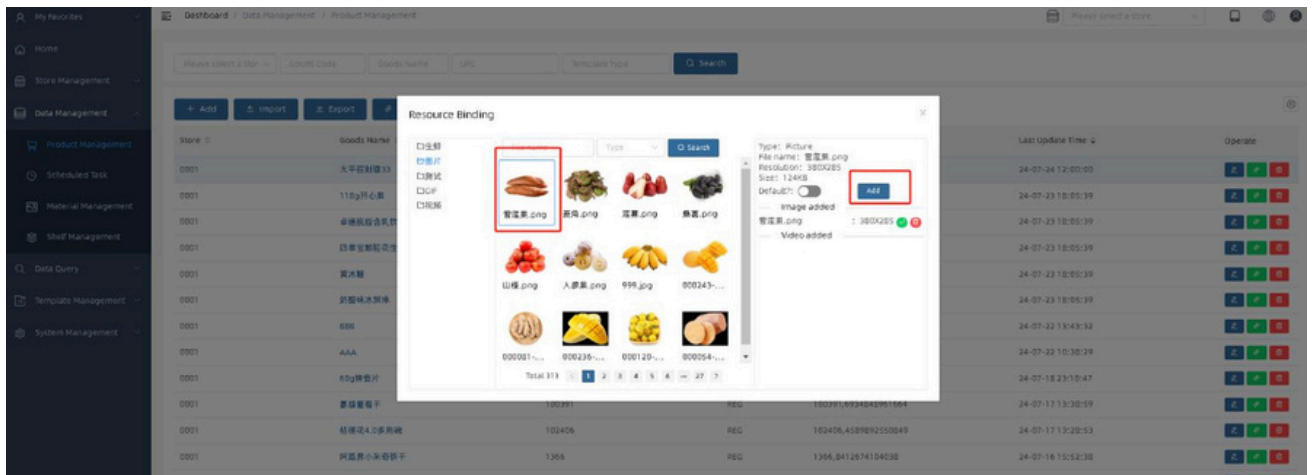
1. Click the Binding button of the product you want to bind to open the binding page.



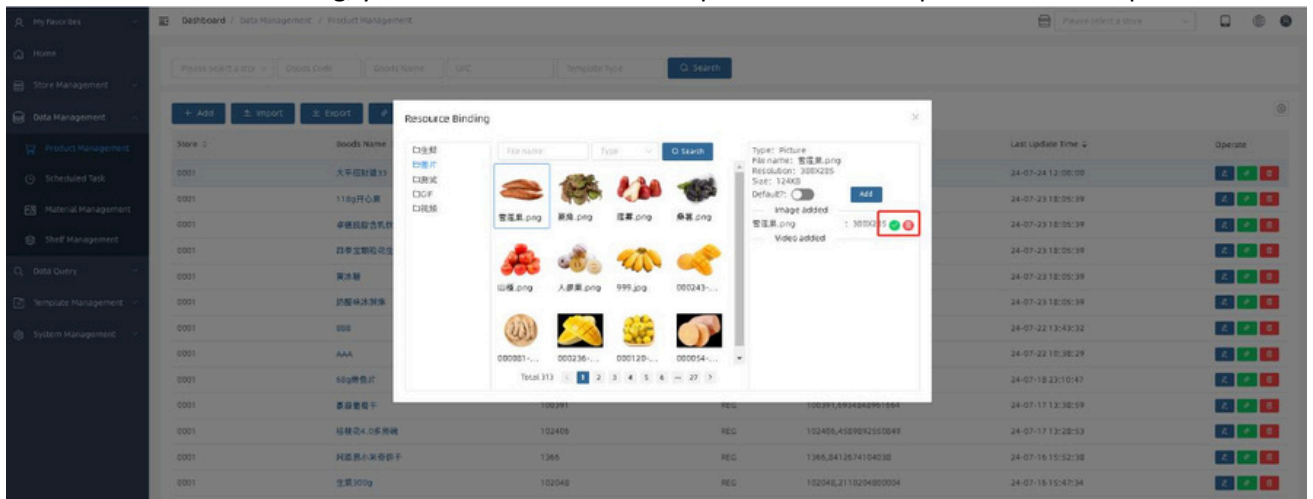
2. Search for the product material you want to bind according to the categories on the left and the search criteria on the top.



3. Select the material you want to bind and click the Add button to bind it successfully.

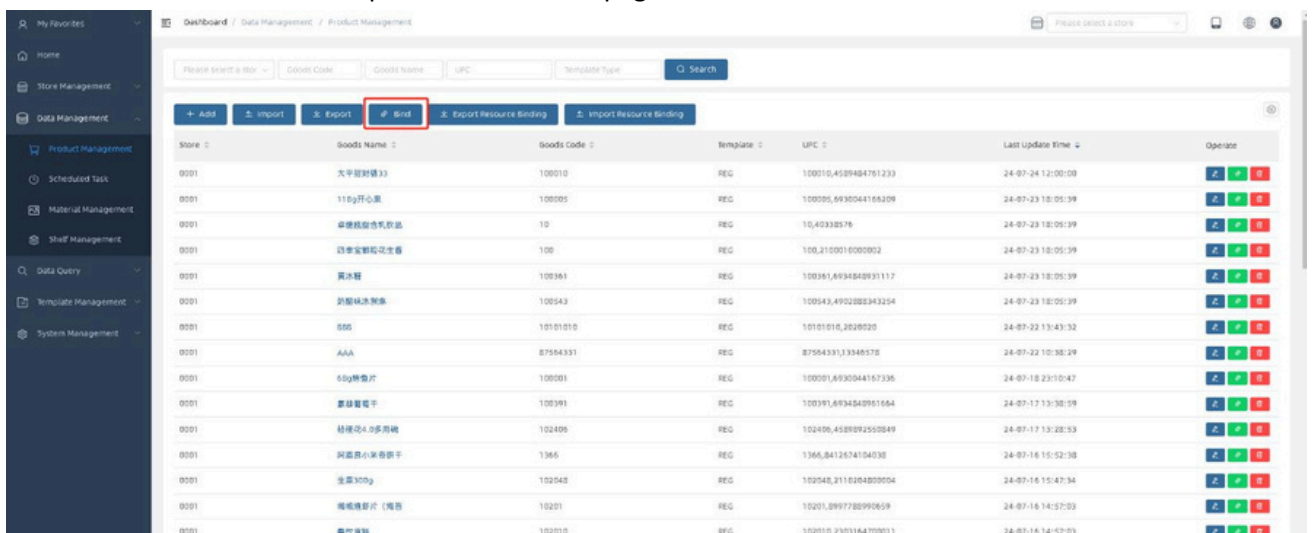


4. After successful binding, you can choose to set the clip as the default clip or delete the clip.



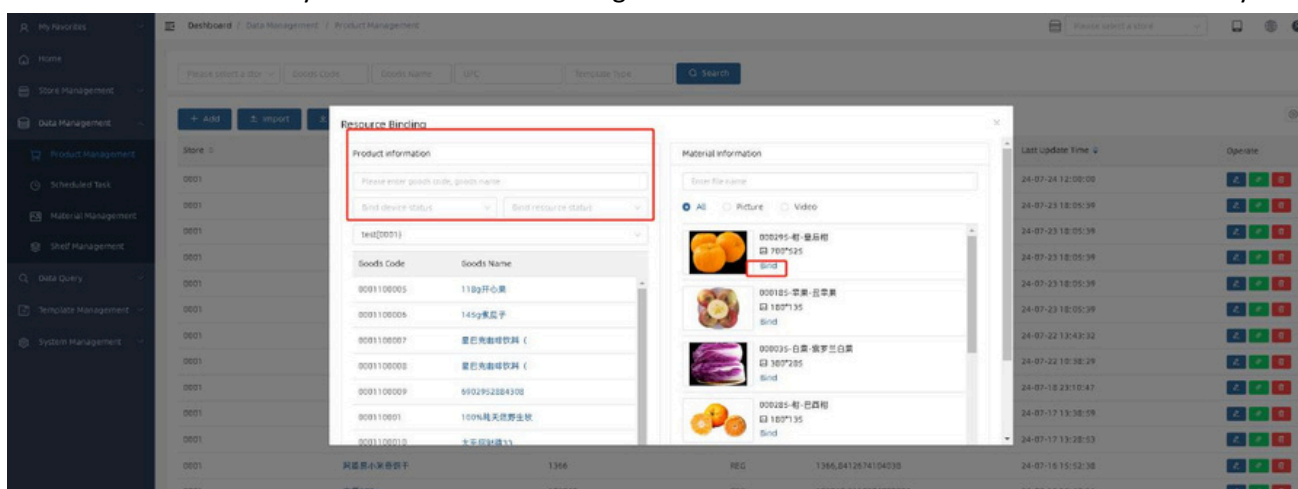
6.1.8 Quick Bind

1. Click the Bind button to open the Quick Bind page.

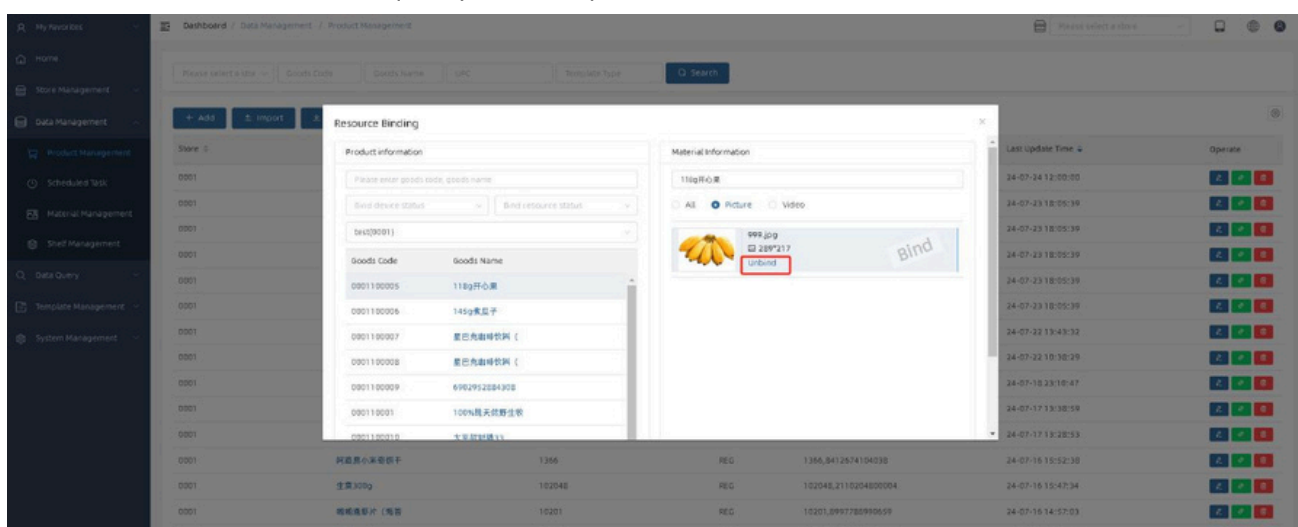


Limited Scope of Use

2. Find the product you want to bind according to the query conditions, click the product, and then select the material you want to bind on the right side and click the bind button to bind successfully.

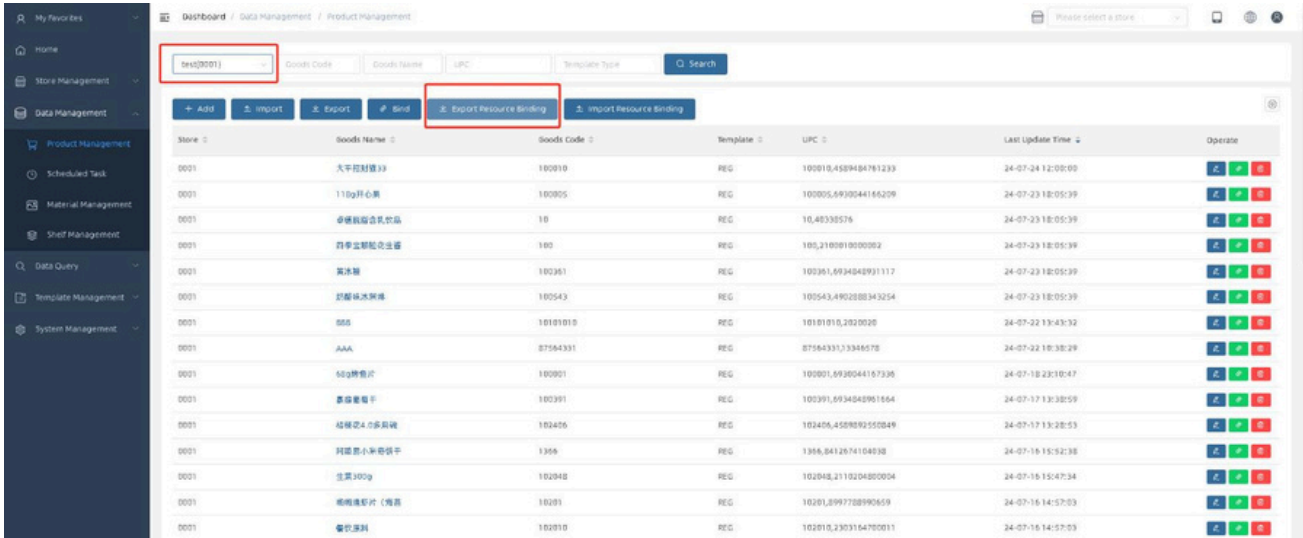


3. Click the Unbind button to quickly unbind a product.

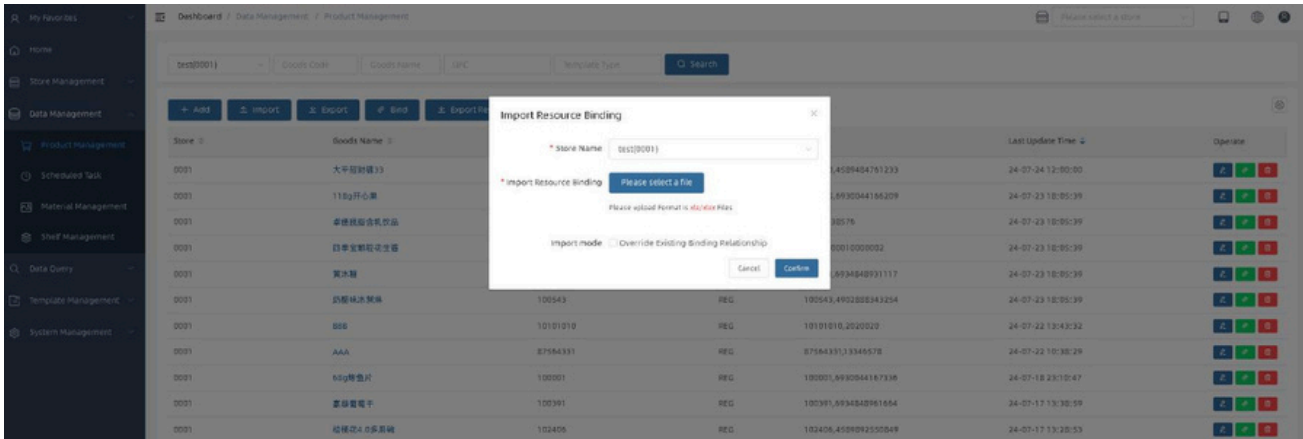
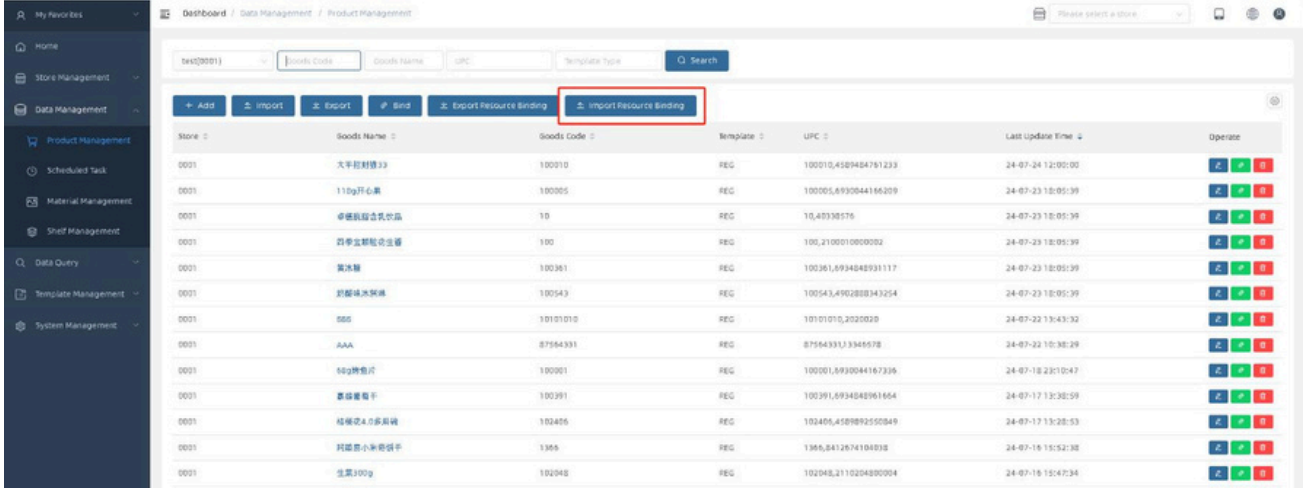


6.1.9 Import and export clip bind

Select the shop you want to export and click the Export Material Bindings button to export the material and product bindings for that shop.



Click the Import Material Binding button, you can select the bind relationship between the shop's imported products and materials.

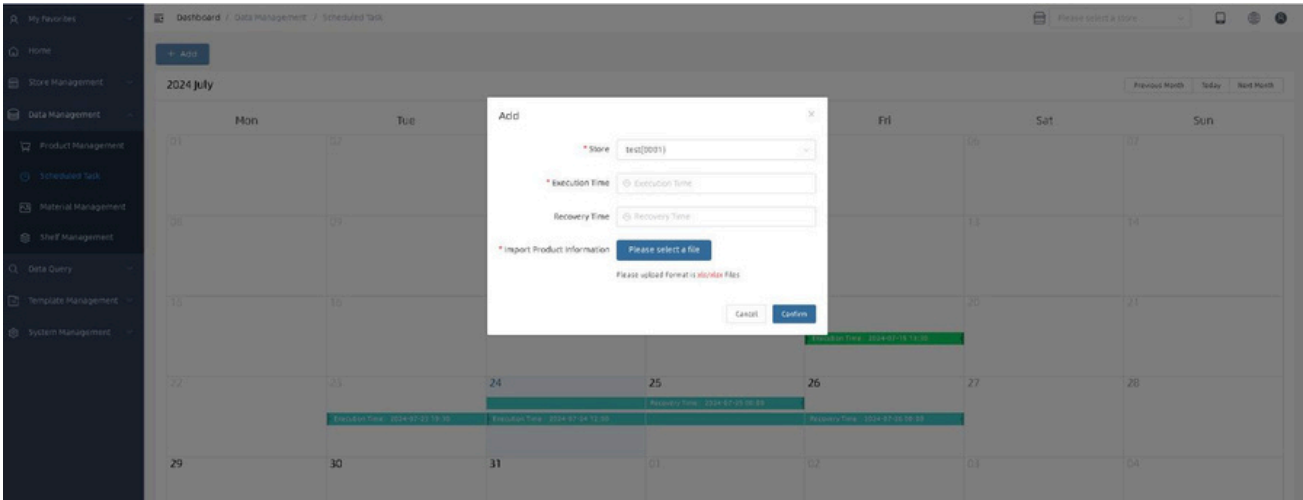
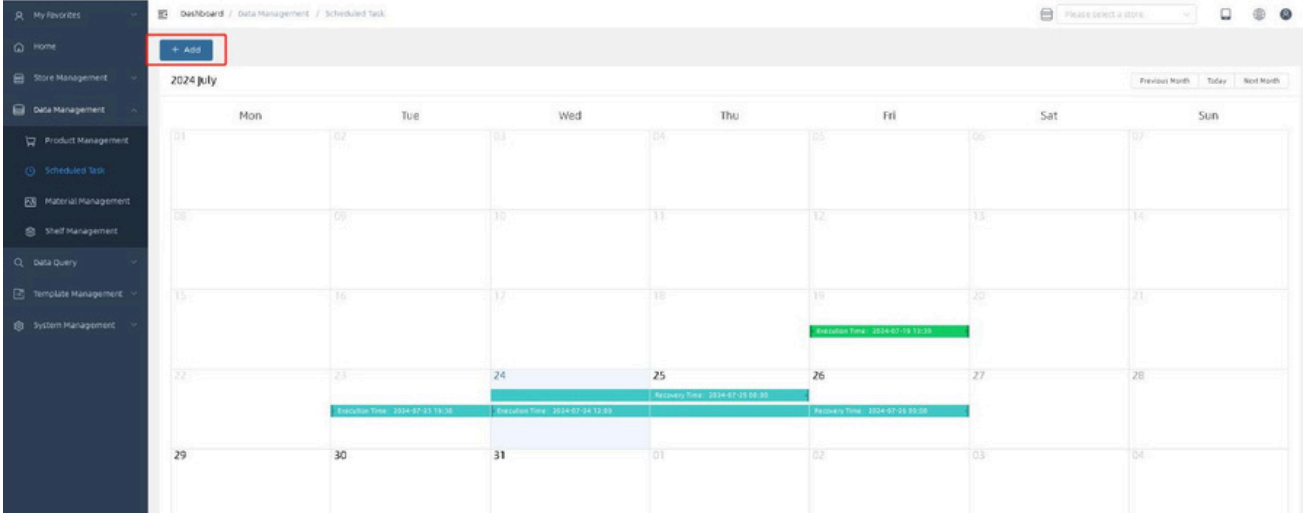


Limited Scope of Use

6.2 Plan Task

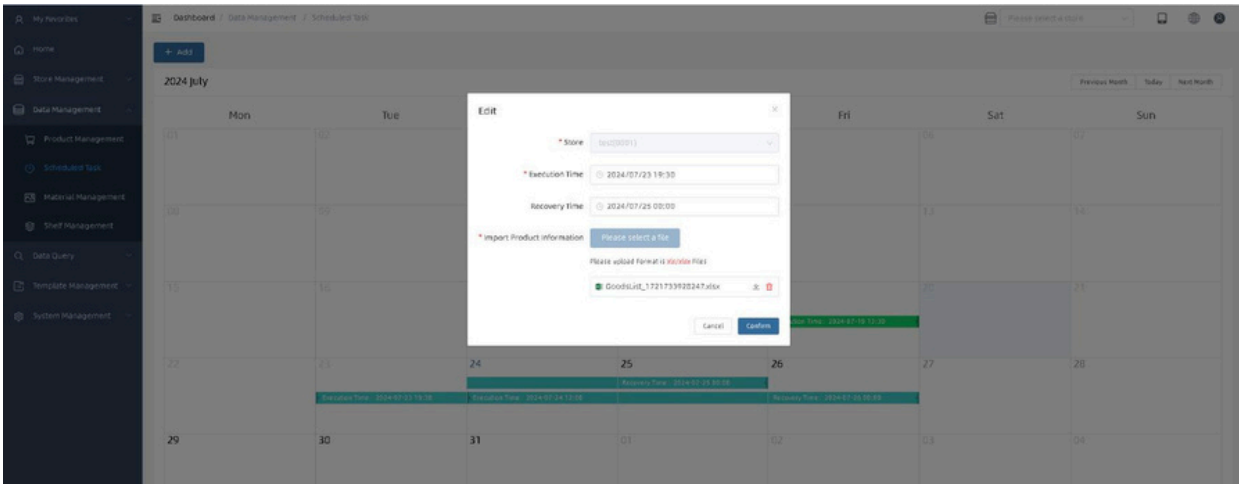
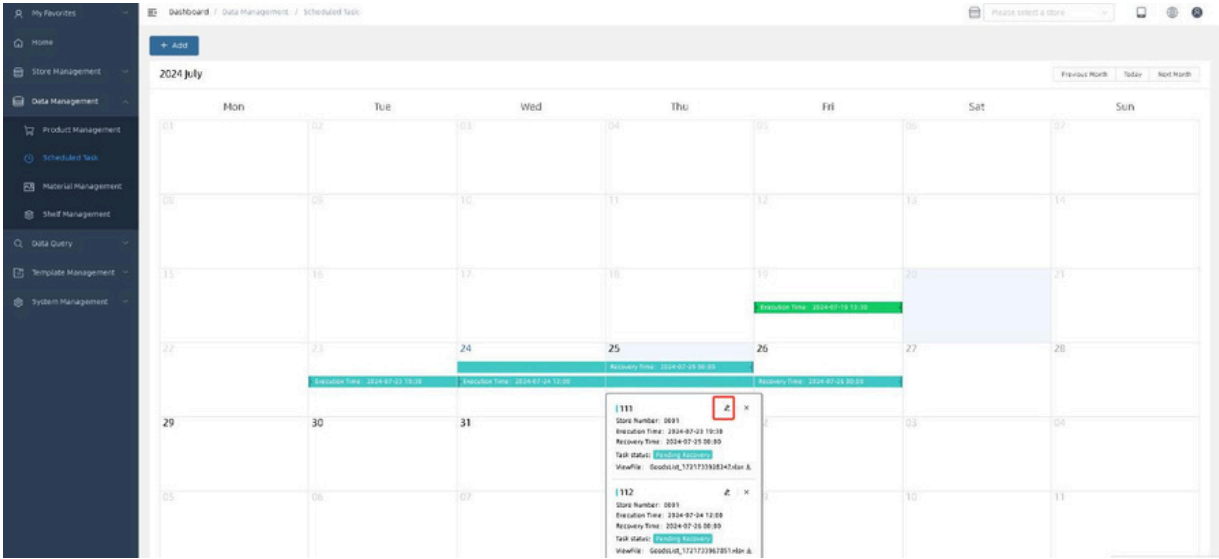
6.2.1 Add Task

Click the Add button to add a scheduled task for merchandise information change to the specified shop. The task will change the merchandise information at the specified time and restore the merchandise information at the specified time.



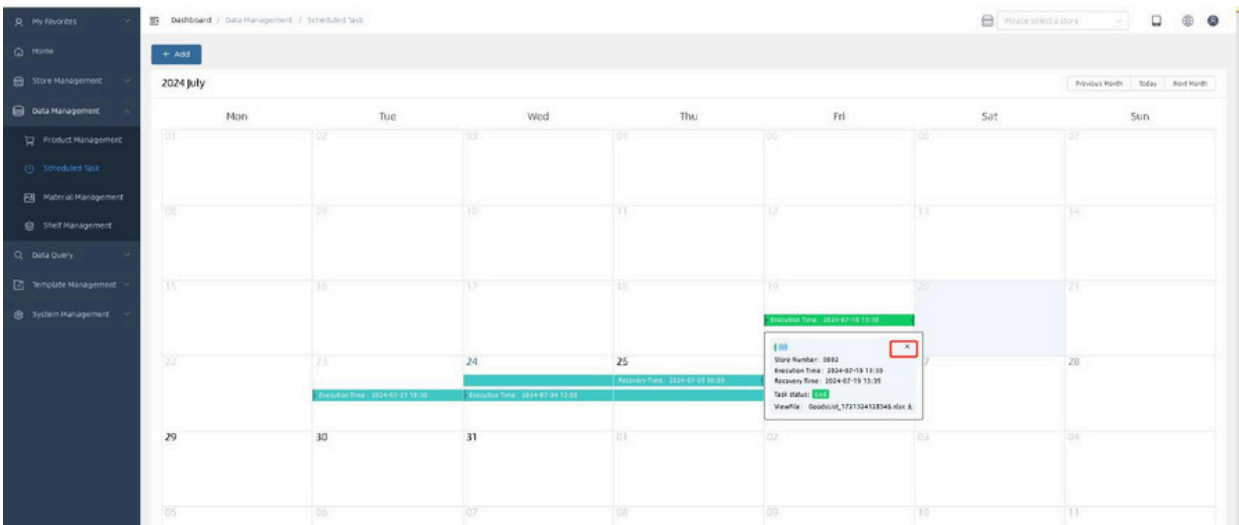
6.2.2 Modify Task

You can modify the task execution time and recovery time by clicking the Edit button for tasks that have not been started.



6.2.3 Delete Task

A task not started can be deleted directly by clicking the Delete button.

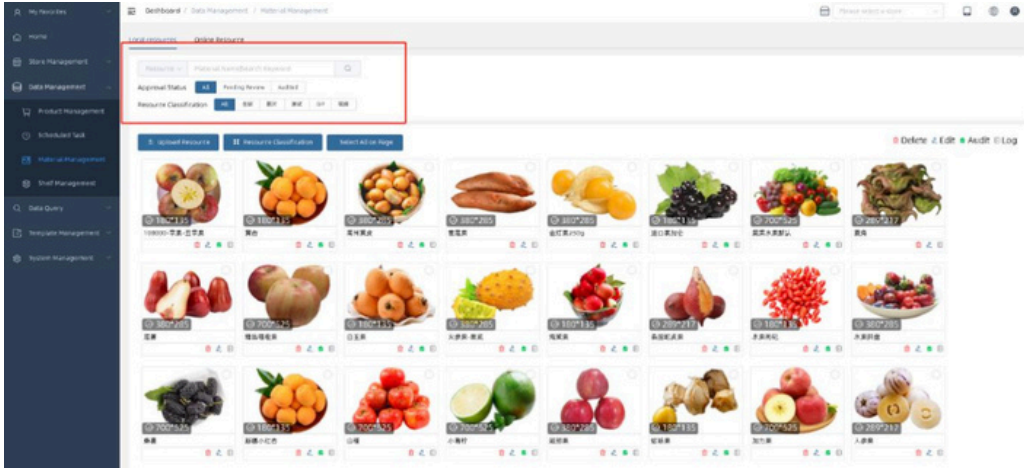


Limited Scope of Use

6.3 Material Management

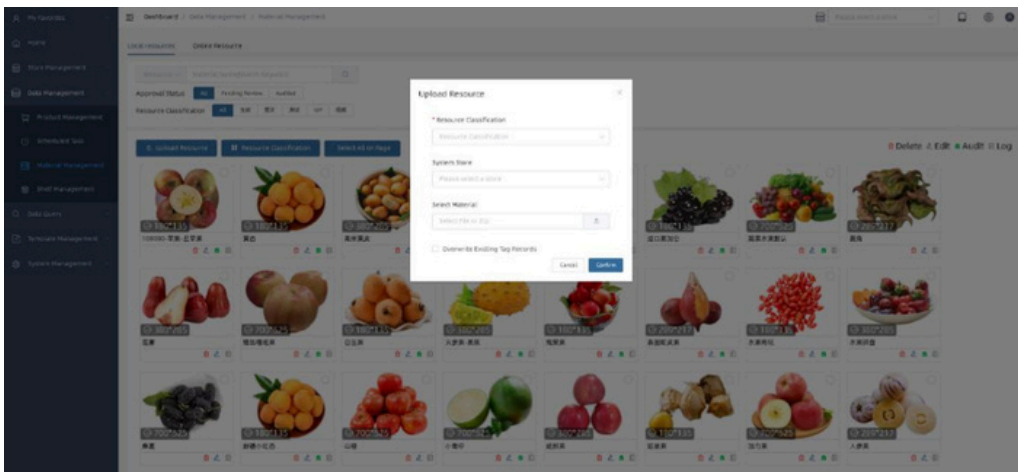
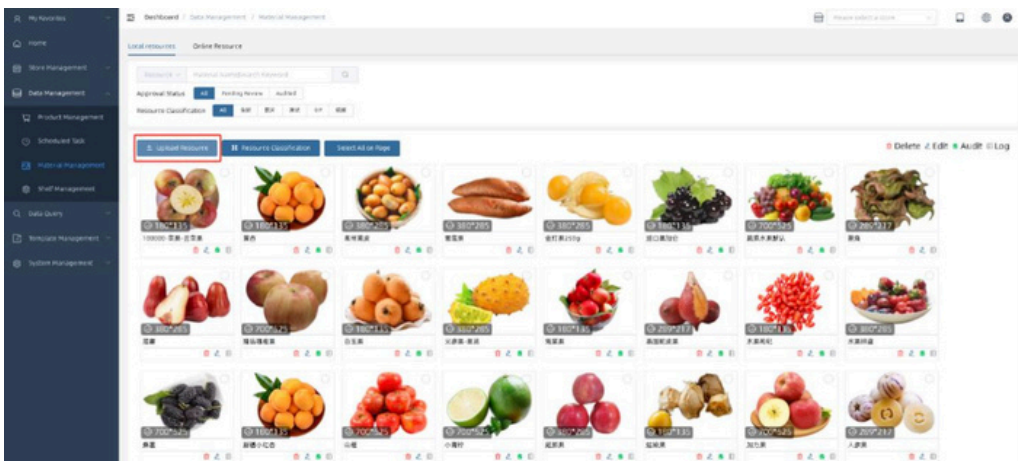
6.3.1 Enquiry Material

You can quickly retrieve the material you need to query by resource classification, material classification, review status, material name, material keywords.



6.3.2 Upload material

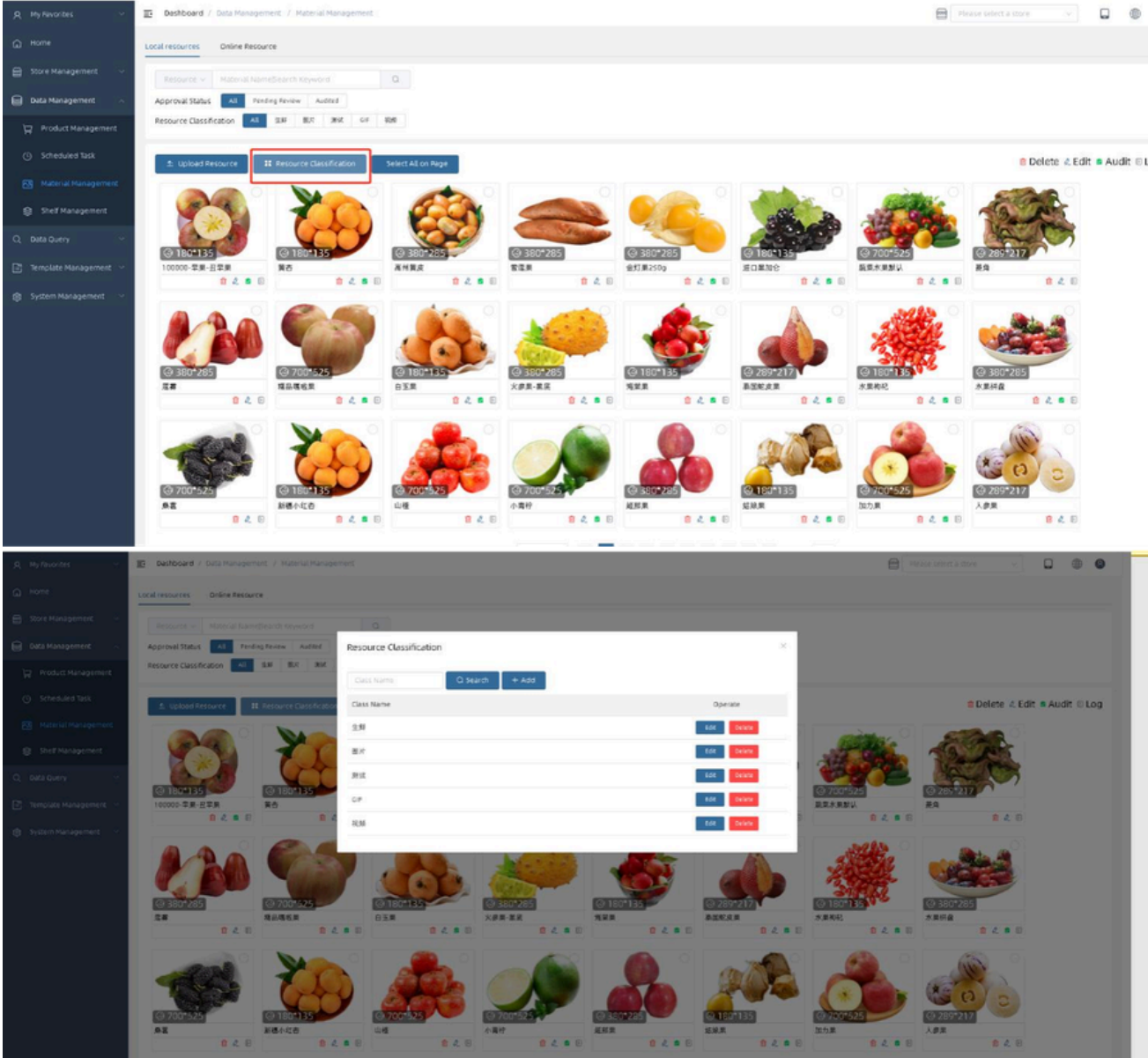
Click the Upload Material button to select the material file to upload, when the shop is selected and ticked to cover the current label record will automatically update the material bound to the product.



Limited Scope of Use

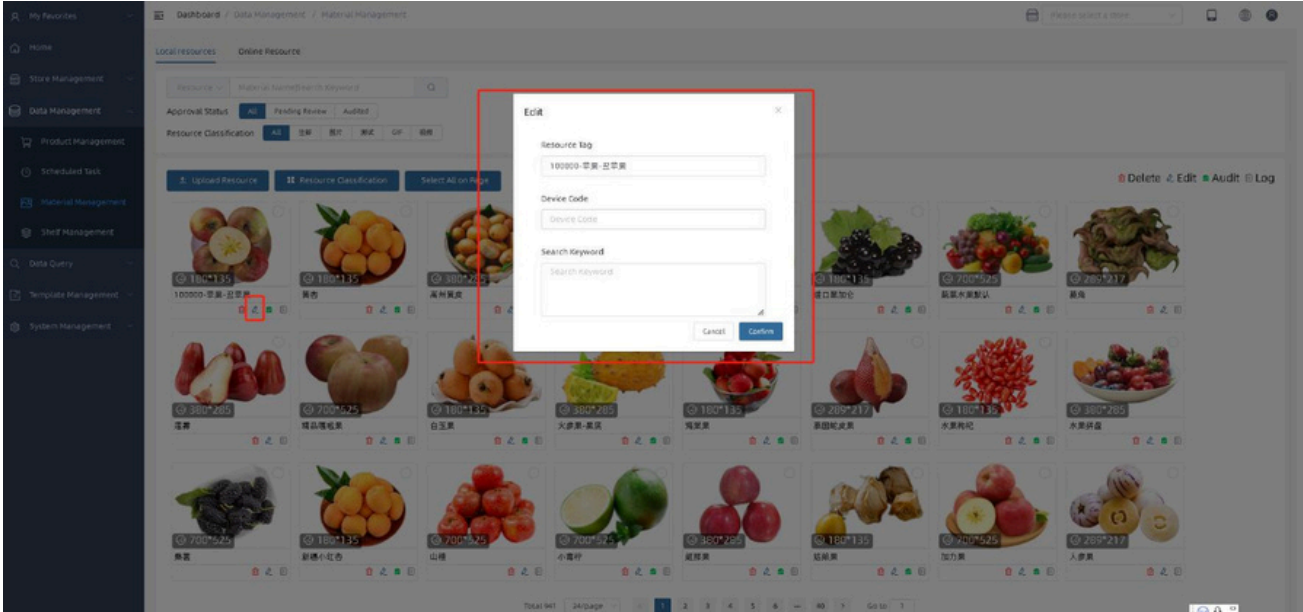
6.3.3 Material Classification Management

You can add, edit, and delete clip categories by clicking the clip category management button.



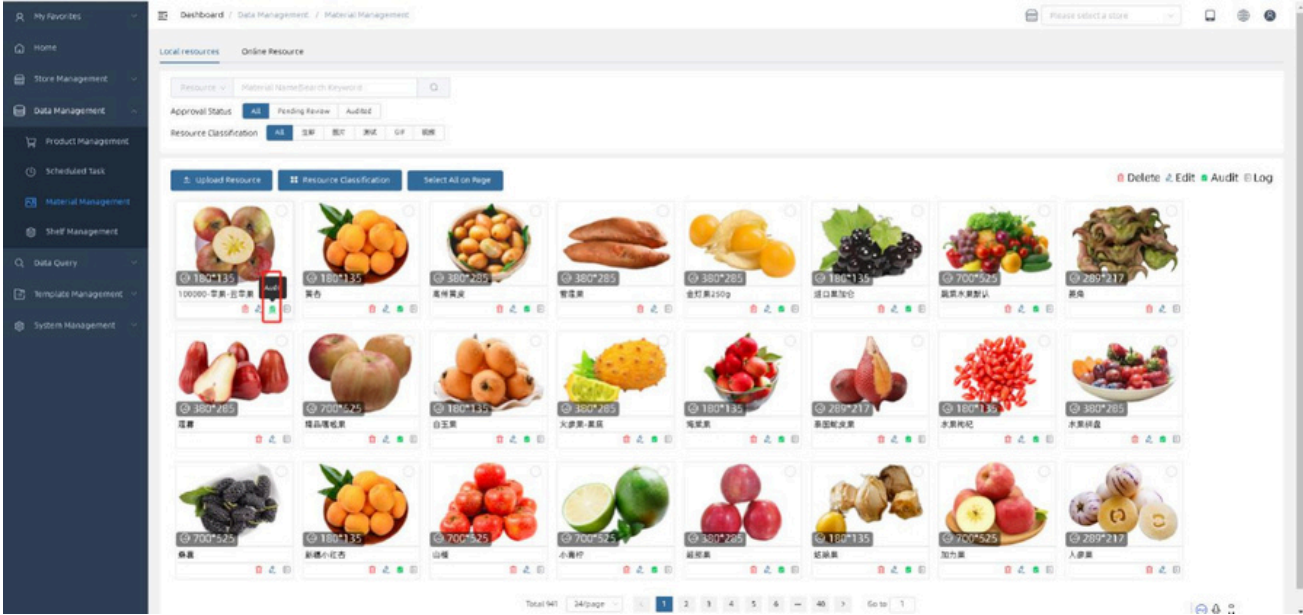
6.3.4 Edit material

Click on the edit button of the clip to modify the clip label, feature code, and search keywords.

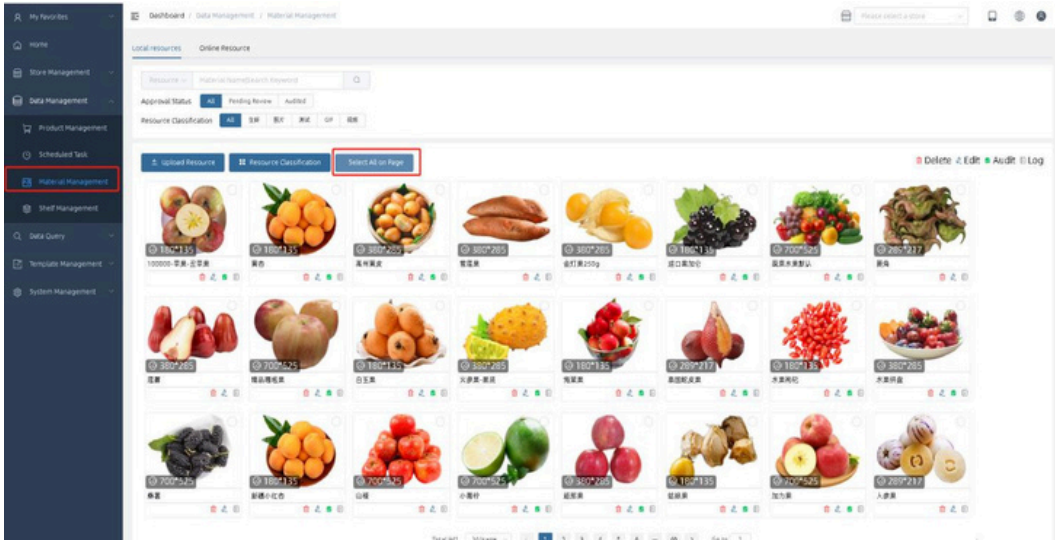


6.3.5 Review Material

Users with auditing privileges can click on the Audit button of the material for auditing, and only the audited material can be officially used.

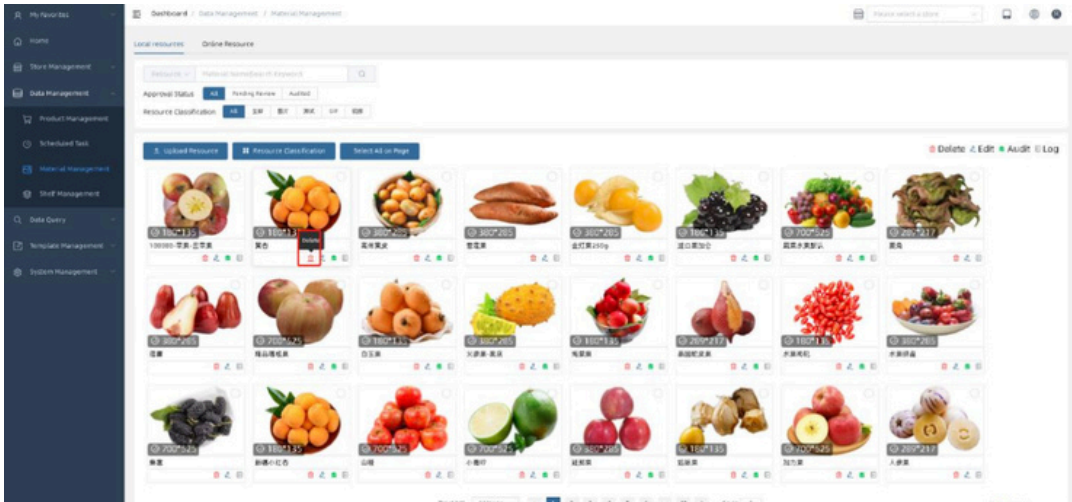


Click the Select All button on this page to batch-select the clips that need to be reviewed, and click the One Click Review button to review them successfully.

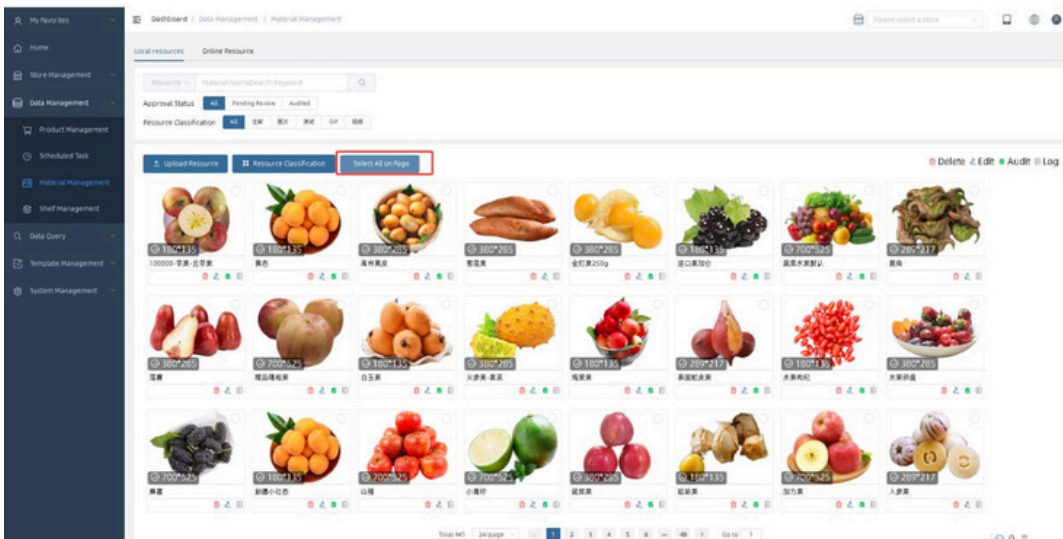


6.3.6 Delete material

You can delete a clip by clicking the clip's Delete button.



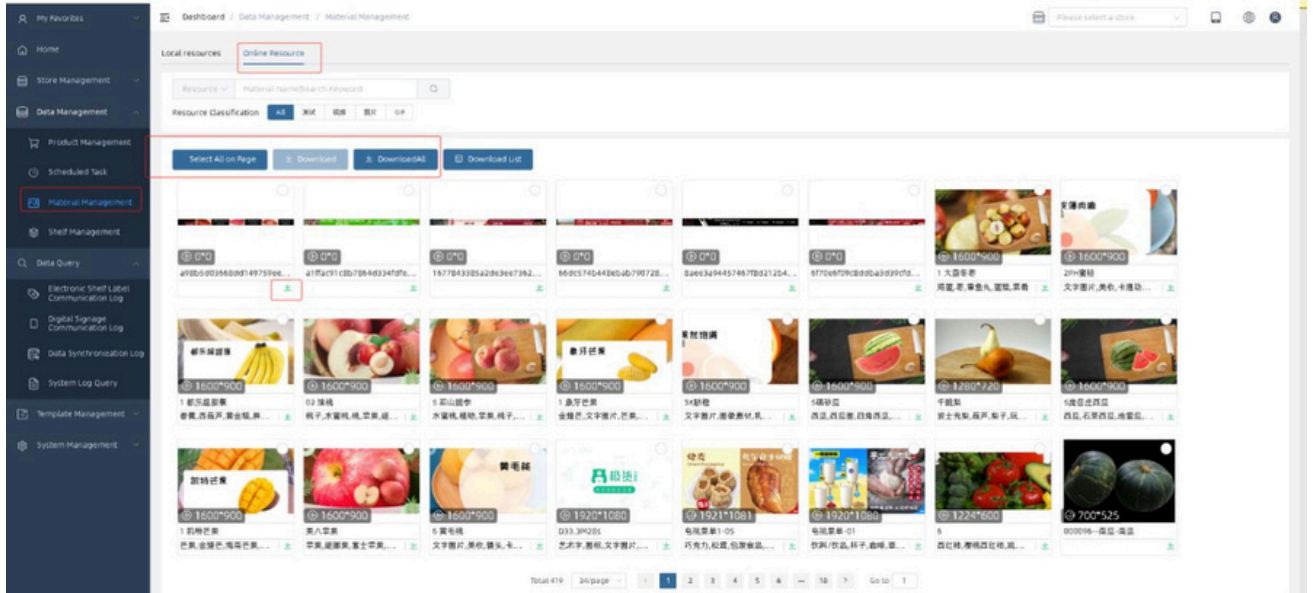
You can delete the clips you want to delete with one click by clicking Select All on this page.



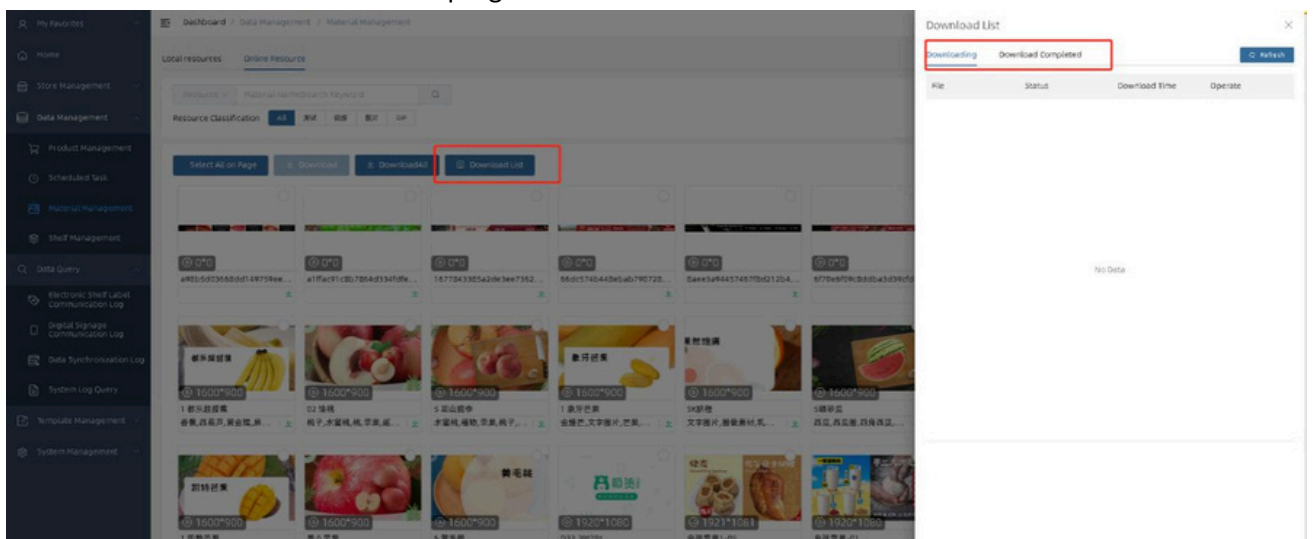
Limited Scope of Use

6.3.7 Online material

Click the download button to download the material you want, or you can tick the material you want to download in bulk.



Click on the download list to see the progress of the download.

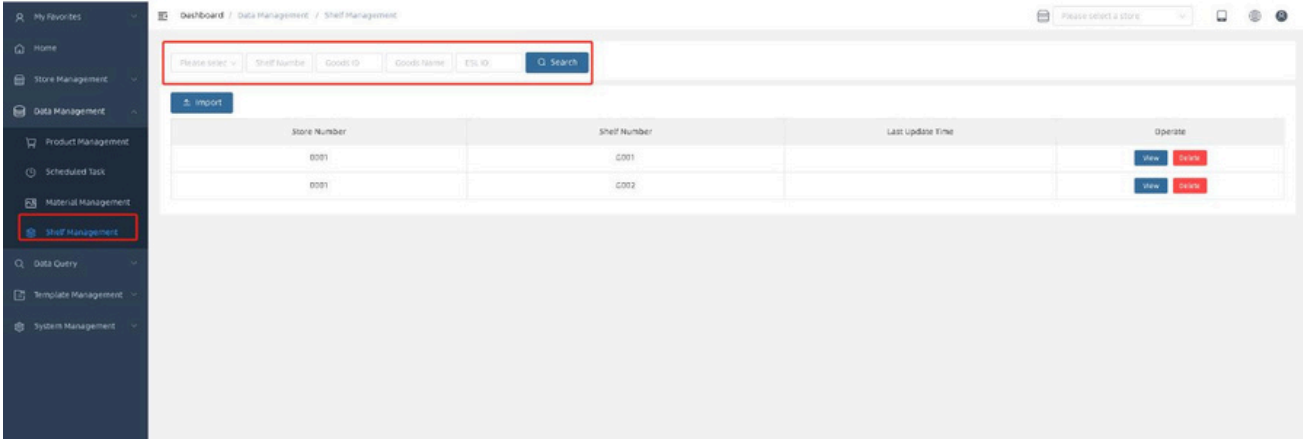


6.4 Display Management

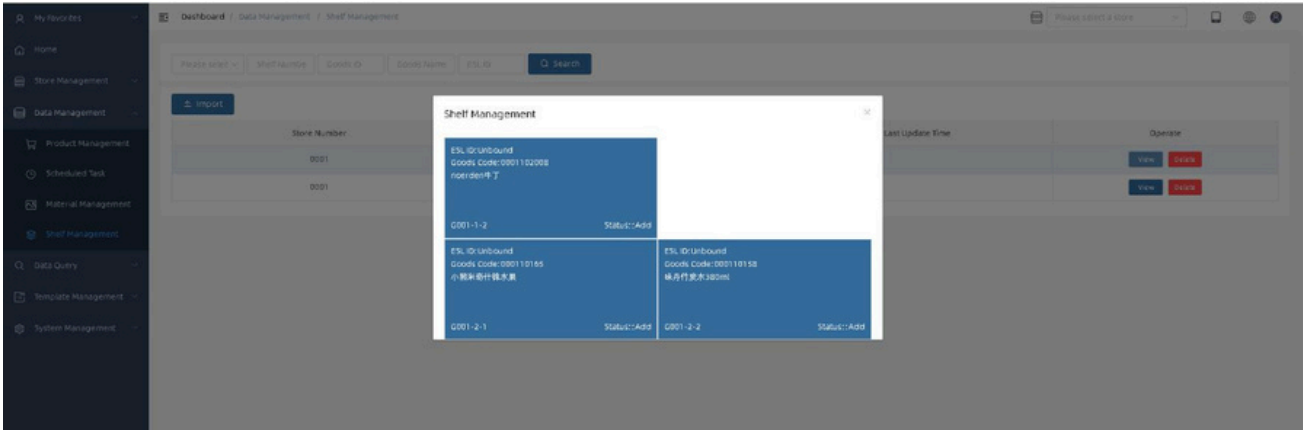
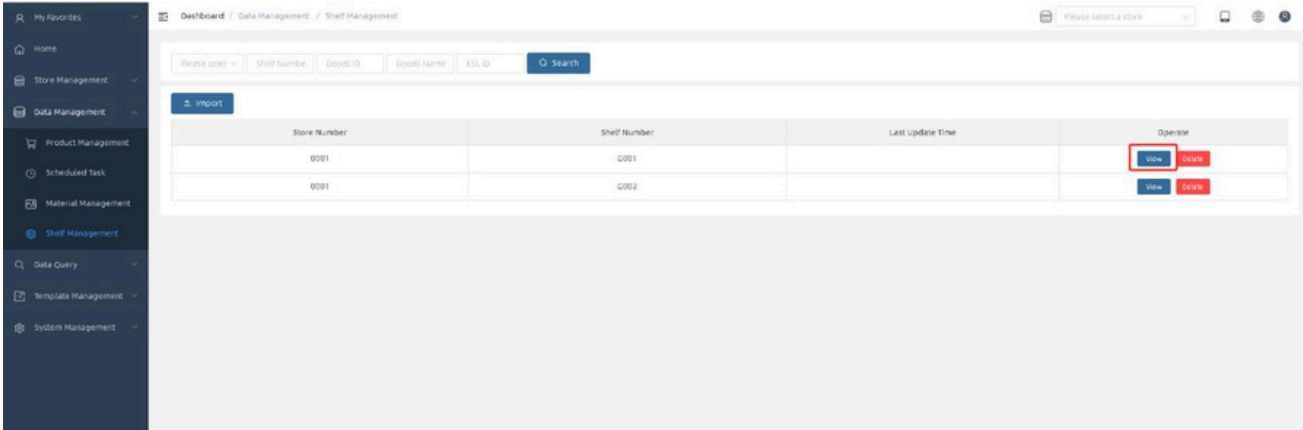
6.4.1 Check price tag

You can query the display information of the product according to the shop, shelf number, product ID, product name, and price tag ID.

Limited Scope of Use

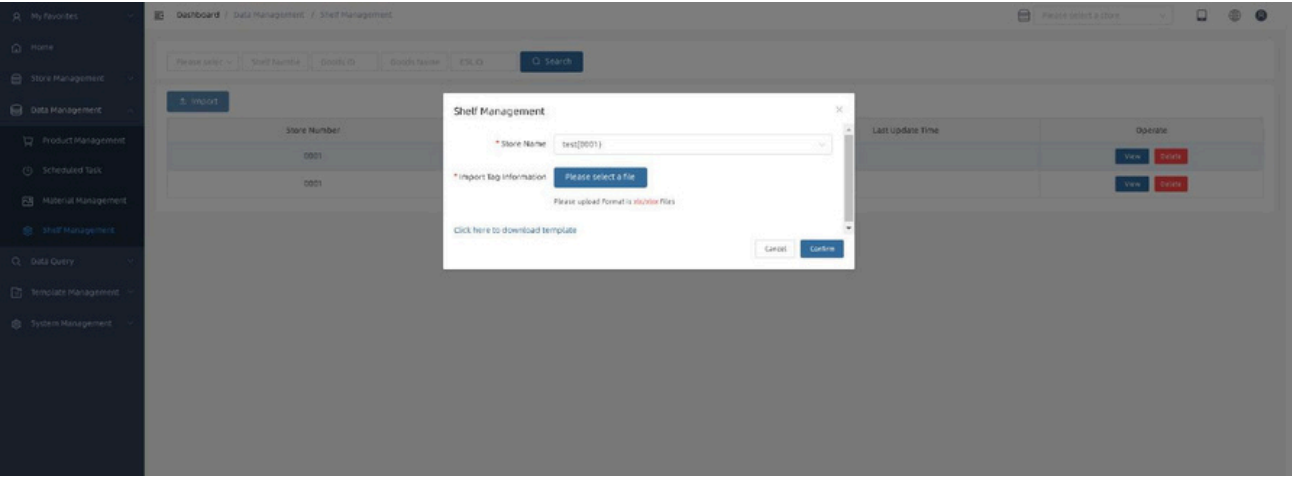
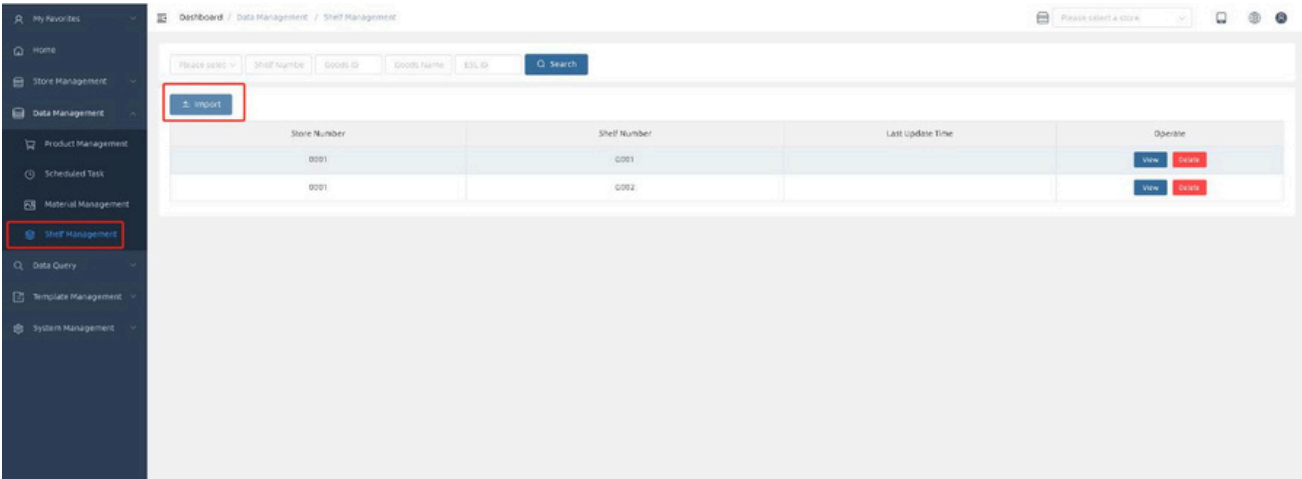


Click on a shelf's View button to see the display information for that shelf.



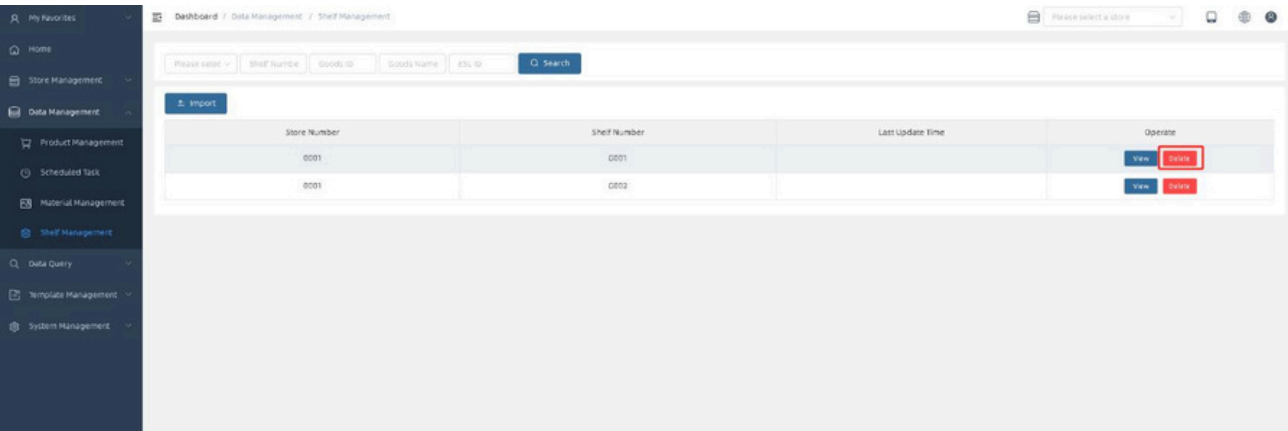
6.4.2 Import display information

Click the Import button to import the price tag display information of the selected shop.



6.4.3 Delete shelf

Click the Delete button to delete the shelf information and the corresponding display data.



Limited Scope of Use

7 Data query

7.1 Electronic price tag communication records

7.1.1 Enquiry Record

You can quickly retrieve the required communication records based on shop, price tag ID, product ID, price tag type, communication type, communication status, and last send time.

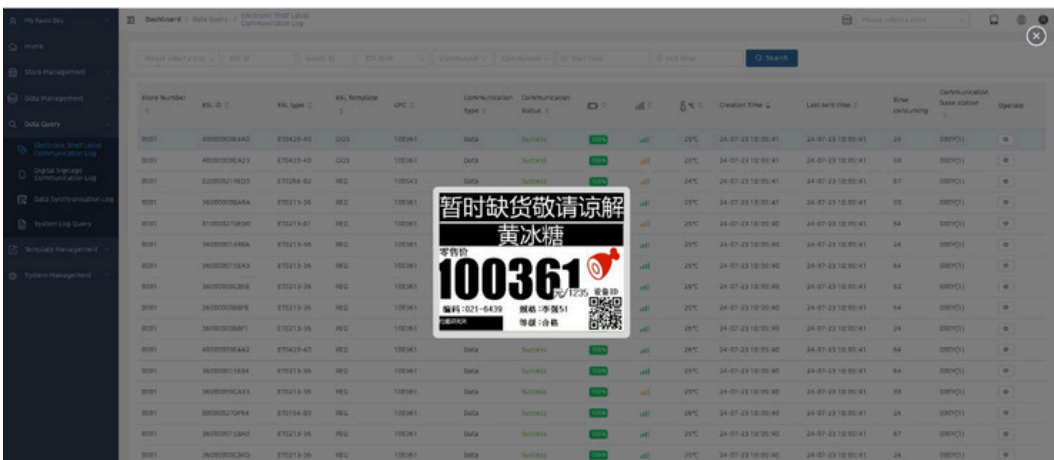
The screenshot shows the 'Electronic Price Tag Communication Log' interface. At the top, there is a search bar with fields for 'Please select a shop', 'EPL ID', 'Goods ID', 'EPL Type', 'Communication Type', 'Communication Status', and 'Start Time'. A 'Search' button is located to the right of the search bar. Below the search bar is a table with the following columns: Store Number, EPL ID, EPL Type, EPL Template, UPC, Communication Type, Communication Status, Temperature, Humidity, Creation Time, Last sent time, Time consuming, Communication base station, and Operate. The table contains 15 rows of data, each representing a communication record.

Store Number	EPL ID	EPL Type	EPL Template	UPC	Communication Type	Communication Status	Temperature	Humidity	Creation Time	Last sent time	Time consuming	Communication base station	Operate
0001	40000008440	E70420-40	GD5	100361	Data	Success	23°C	41%	24-07-23 18:00:41	24-07-23 18:00:41	24	0001(1)	⊕
0001	40000008423	E70420-40	GD5	100361	Data	Success	23°C	41%	24-07-23 18:00:41	24-07-23 18:00:41	50	0001(1)	⊕
0001	820000219039	E70204-02	REG	100343	Data	Success	24°C	41%	24-07-23 18:00:41	24-07-23 18:00:41	67	0001(1)	⊕
0001	36000008464	E70213-36	REG	100361	Data	Success	23°C	41%	24-07-23 18:00:41	24-07-23 18:00:41	50	0001(1)	⊕
0001	810000270606	E70213-01	REG	100361	Data	Success	23°C	41%	24-07-23 18:00:40	24-07-23 18:00:41	84	0001(1)	⊕
0001	360000014904	E70213-36	REG	100361	Data	Success	23°C	41%	24-07-23 18:00:40	24-07-23 18:00:41	24	0001(1)	⊕
0001	360000015843	E70213-36	REG	100361	Data	Success	23°C	41%	24-07-23 18:00:40	24-07-23 18:00:41	64	0001(1)	⊕
0001	36000000380	E70213-36	REG	100361	Data	Success	23°C	41%	24-07-23 18:00:40	24-07-23 18:00:41	82	0001(1)	⊕
0001	36000000898	E70213-36	REG	100361	Data	Success	23°C	41%	24-07-23 18:00:40	24-07-23 18:00:41	64	0001(1)	⊕
0001	36000000891	E70213-36	REG	100361	Data	Success	23°C	41%	24-07-23 18:00:40	24-07-23 18:00:41	24	0001(1)	⊕
0001	40000008442	E70420-40	REG	100361	Data	Success	23°C	41%	24-07-23 18:00:40	24-07-23 18:00:41	84	0001(1)	⊕
0001	360000015804	E70213-36	REG	100361	Data	Success	23°C	41%	24-07-23 18:00:40	24-07-23 18:00:41	64	0001(1)	⊕
0001	36000000343	E70213-36	REG	100361	Data	Success	23°C	41%	24-07-23 18:00:40	24-07-23 18:00:41	50	0001(1)	⊕

7.1.2 Preview Price Tag

Click on the Preview button to preview the contents of the price tag display at the time of this communication.

This screenshot is identical to the one above, but with a red rectangular box highlighting the 'Preview' button (represented by a magnifying glass icon) in the 'Operate' column of the first row of the table.



7.2 Digital Signage Communication Records

7.2.1 Enquiry record

You can quickly retrieve the communication records you need based on shop, area name, device ID, task type, and video drop status.

The screenshot shows the 'Digital Signage Communication Log' interface. At the top, there is a search bar with fields for 'Store Number' (set to 000001), 'Area Name', 'Device ID', and 'Task Type'. A red box highlights the search bar area. Below the search bar is a table with the following columns: Store Number, Area Name, Device ID, Bound Goods, Video Send Status, Task Type, Creation Time, Download Time, Verify Time, Confirm Time (seconds), and Operate. The table contains multiple rows of data, each representing a communication record.

7.2.2 Details of communication record

Click the Details button to view the details of this log.

This screenshot is similar to the previous one, but the 'Operate' column for the first record (Store Number: 000001, Device ID: 0000014802E) has a red box around the 'Details' button, indicating that it has been clicked to view more information.

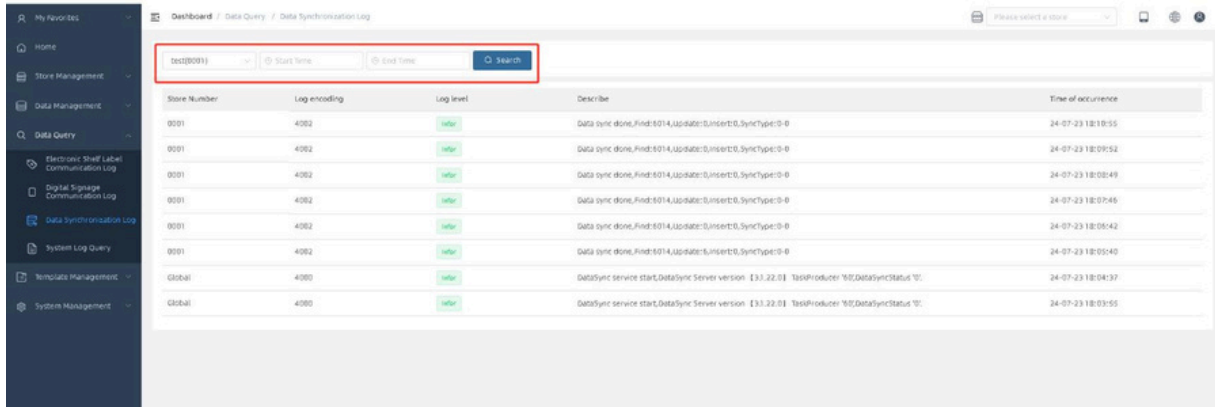
This screenshot shows a detailed view of a communication record. A modal window titled 'Log content' is open, displaying the following information:

- Device Information:** Device ID: 0000014802E, Store Number: 0001
- Task Information:** Task Type: Update Display, Task ID: 26762476-8748-4261-8647-4795058294
- Task Status:** Build Success, Task Landing Time: 2024-07-24 18:00:05
- File Download Time:** 2024-07-24 18:00:04, File Confirmation Time: 2024-07-24 18:00:04
- Resource Information:** Resource Name: 248637088d64d0b2a41c0d7192f918.png, Download Size: 1601792108.423, Local Path: M:\1792108.423
- Layout Information:** Grouping: 0, Sort: 0, Left-top vertex coordinate: 0, Left-top vertex coordinate: 0, Width: 80, Height: 100

The background table is dimmed, showing the record that was selected for details.

7.3 Data Synchronization Record

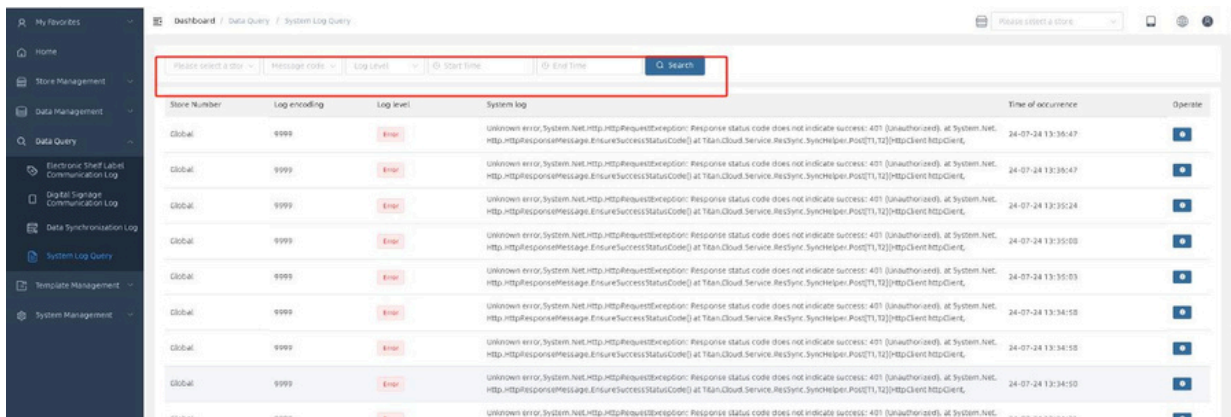
You can quickly find the synchronization records you need, by shop and when the records took place



7.4 System Log Query

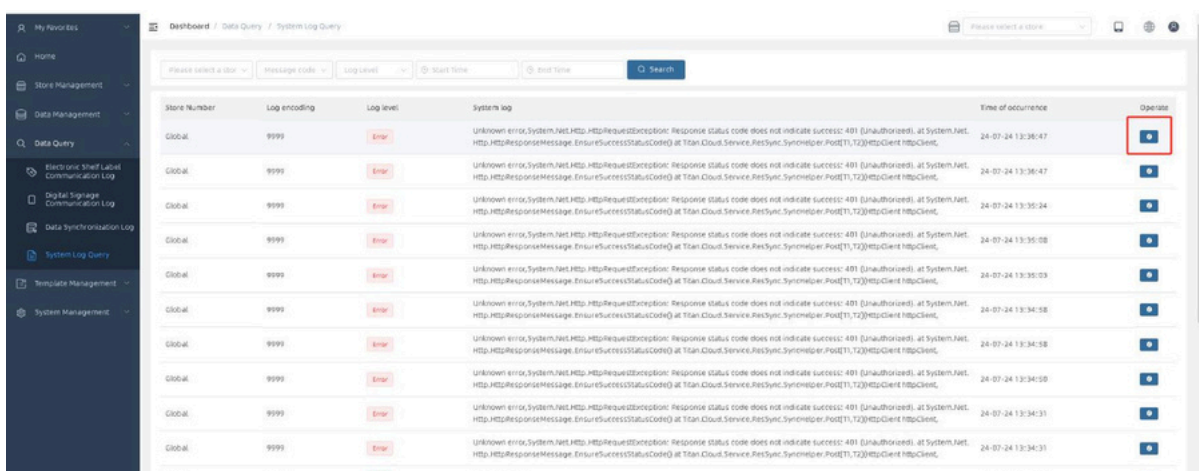
7.4.1 Query log

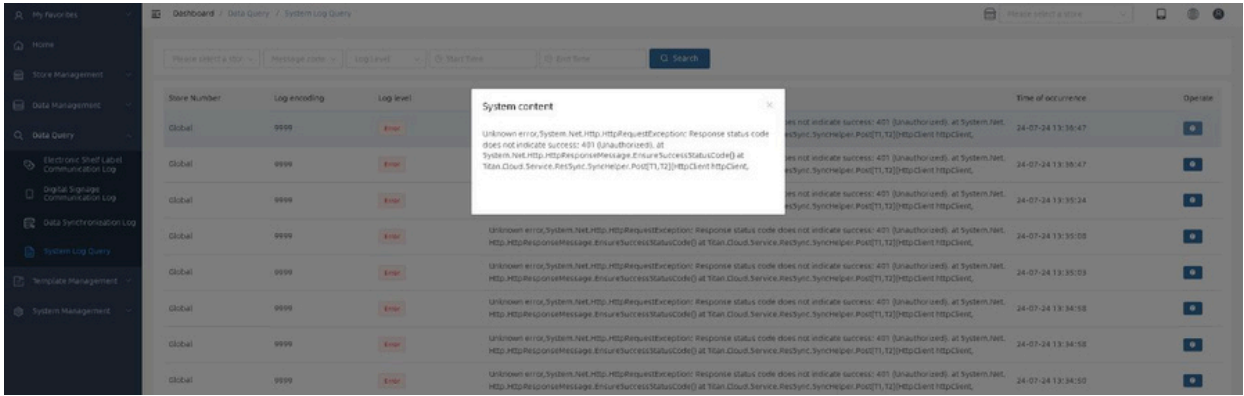
You can quickly search for the log information you need, based on shop, message code, log level, and when a log occurs.



7.4.2 Log details

You can view the details of the log, by clicking the log corresponding to the details button



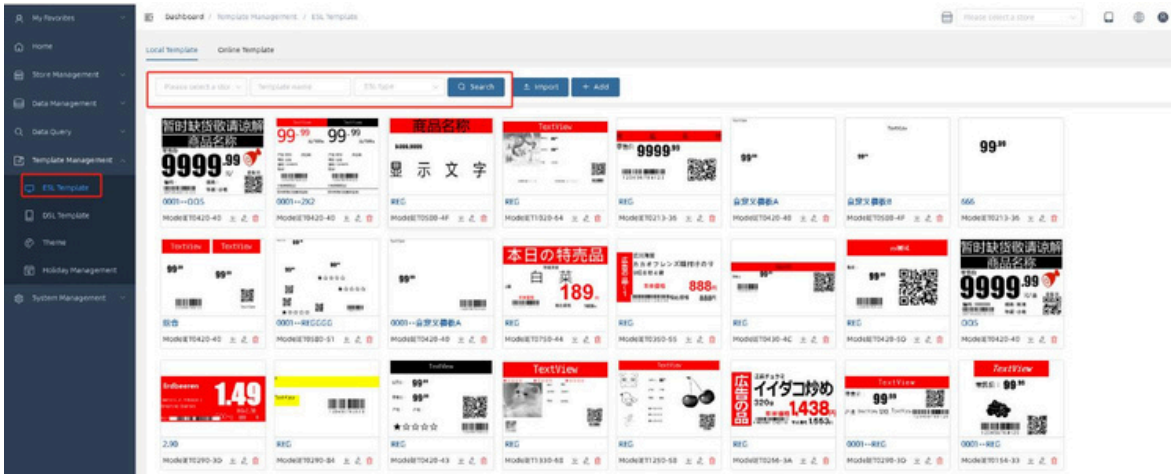


8 Template Management

8.1 ESL Template

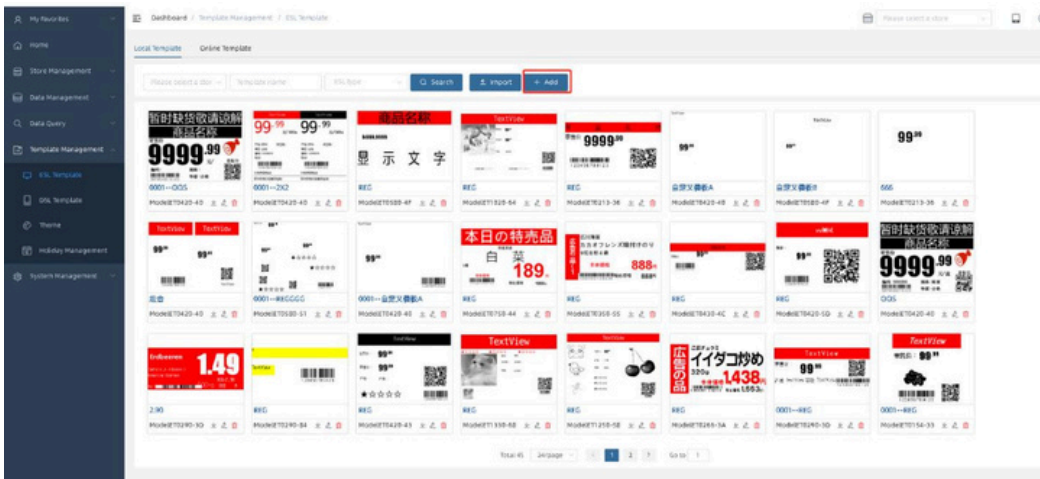
8.1.1 Enquiry Template

You can quickly retrieve the ESL templates you need, based on shop, template name, price tag type



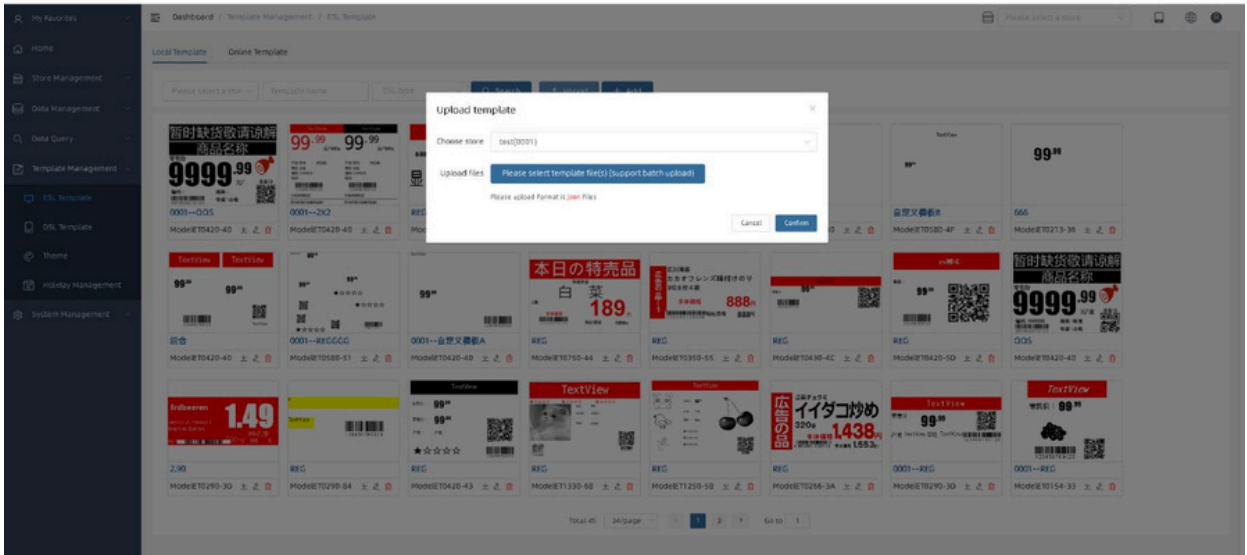
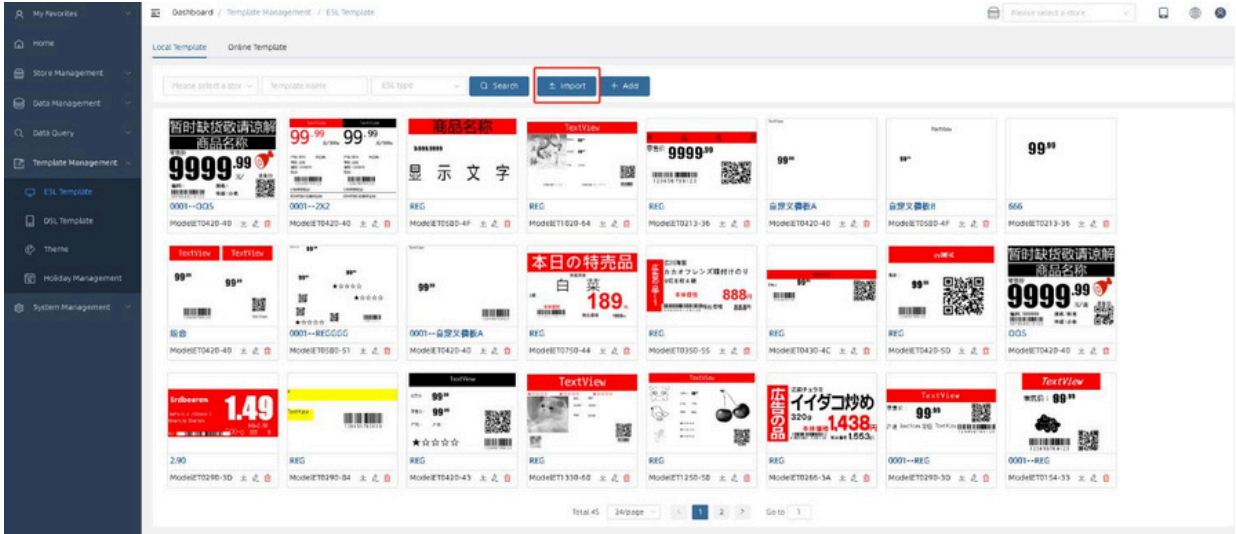
8.1.2 Add Template

You can go to the eDesigner for template design, see the eDesigner manual for details.



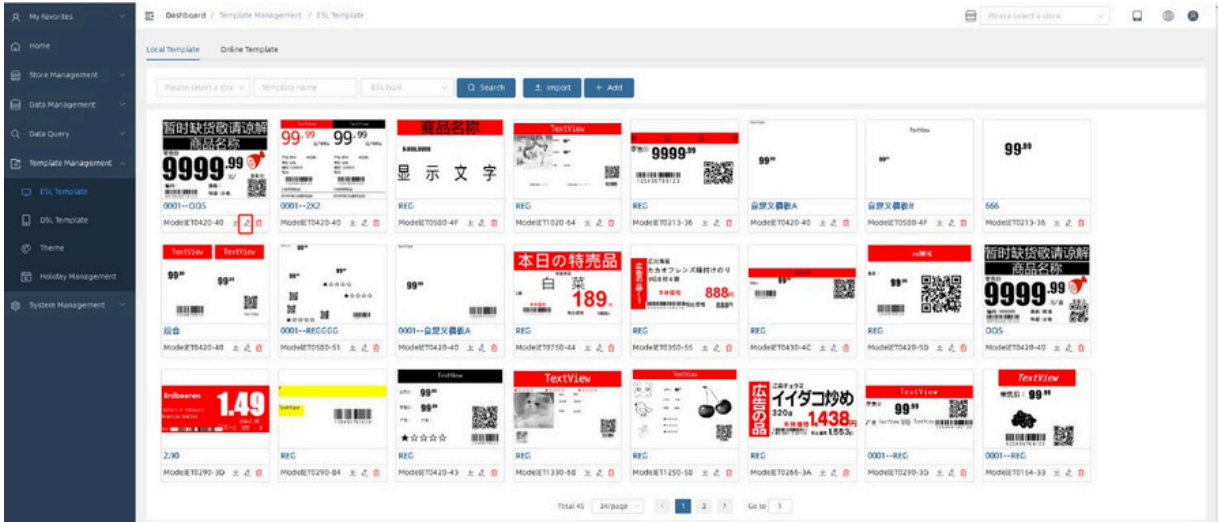
8.1.3 Import Template

Click on the Import button to select a specific shop to import the template file.



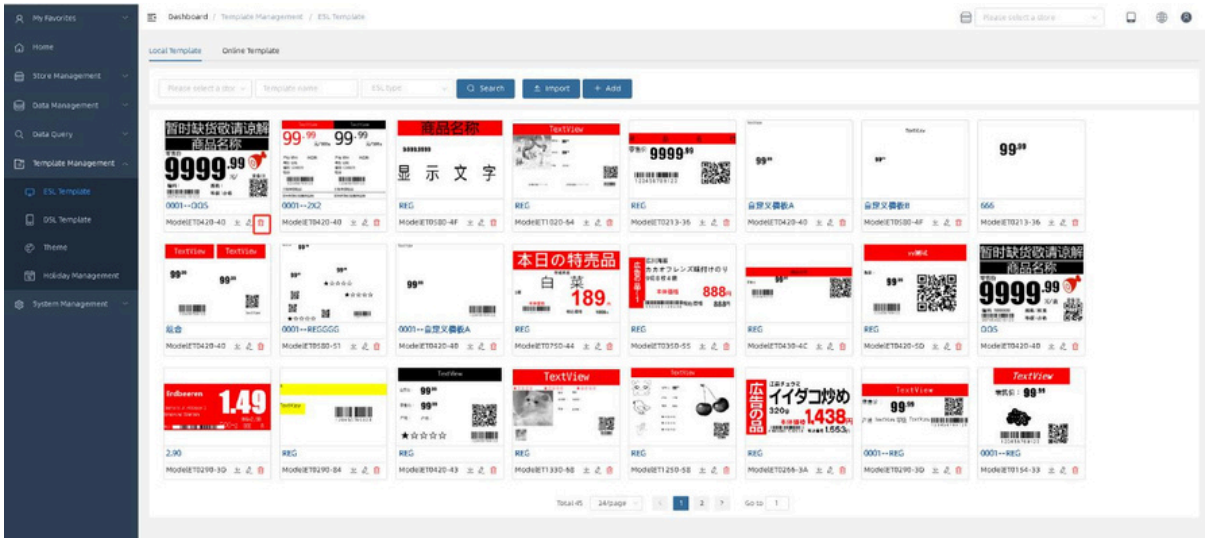
8.1.4 Edit Template

Click on the Edit button to go to the eDesigner to edit the content of this template.



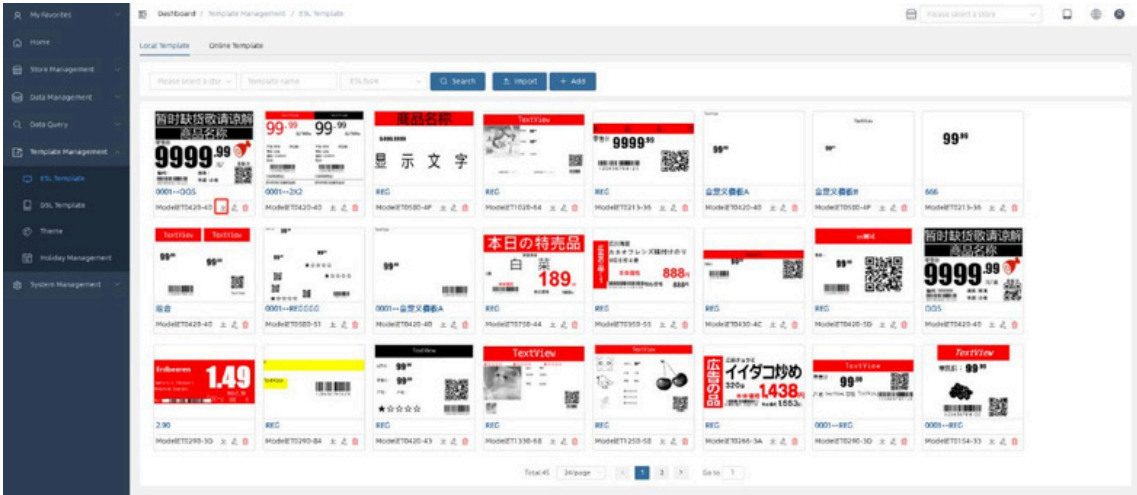
8.1.5 Delete Template

Click the Delete button to delete the specified template.



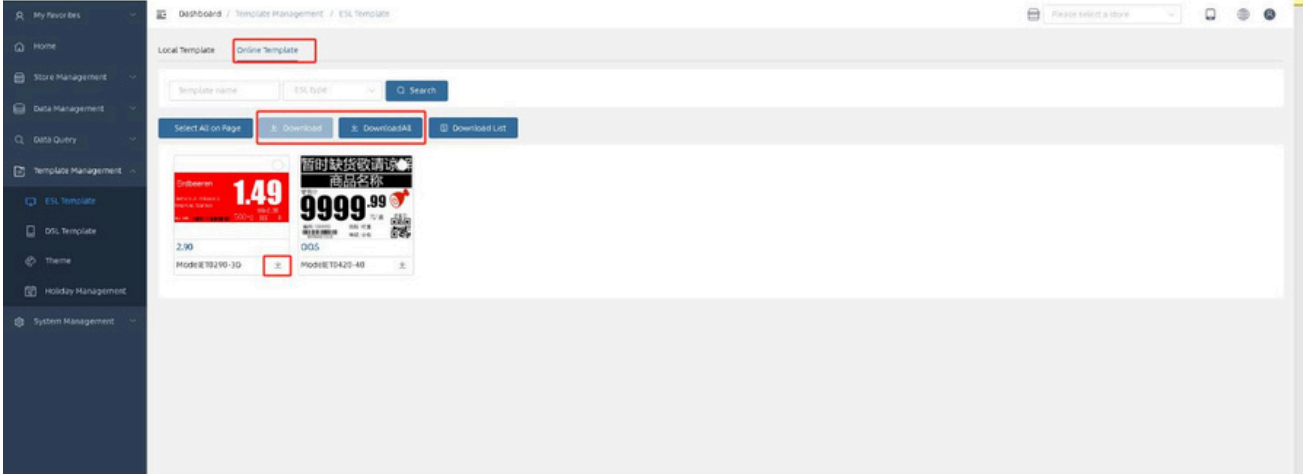
8.1.6 Download Template

Click the Download button to download the JSON file for the specified template.

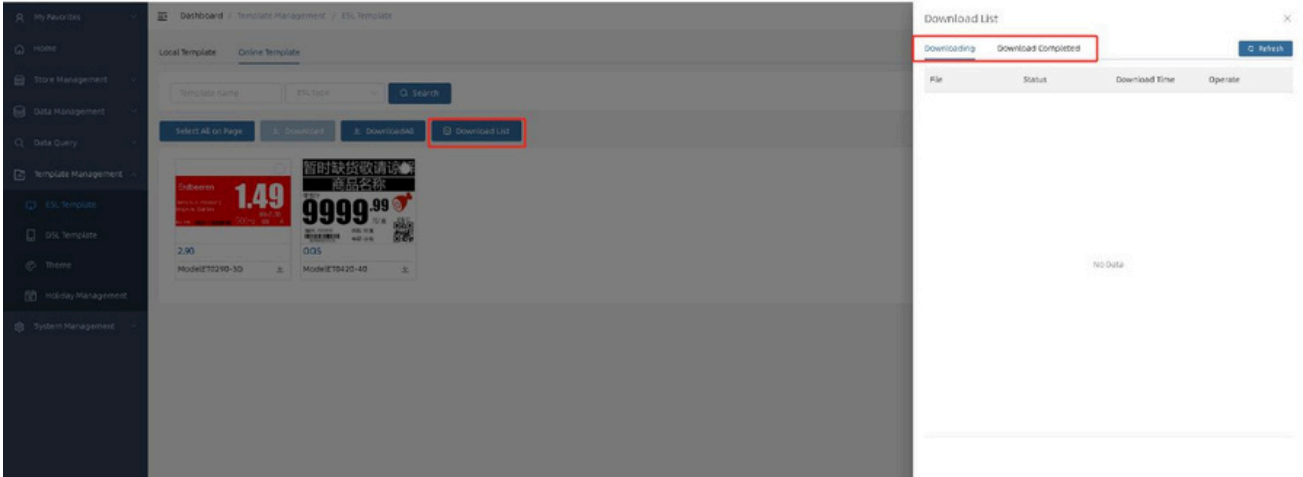


8.1.7 Online Template

Online template list can retrieve the required templates by template name, and price tag type for single or batch download.



Click on the download list to see the progress of the download.

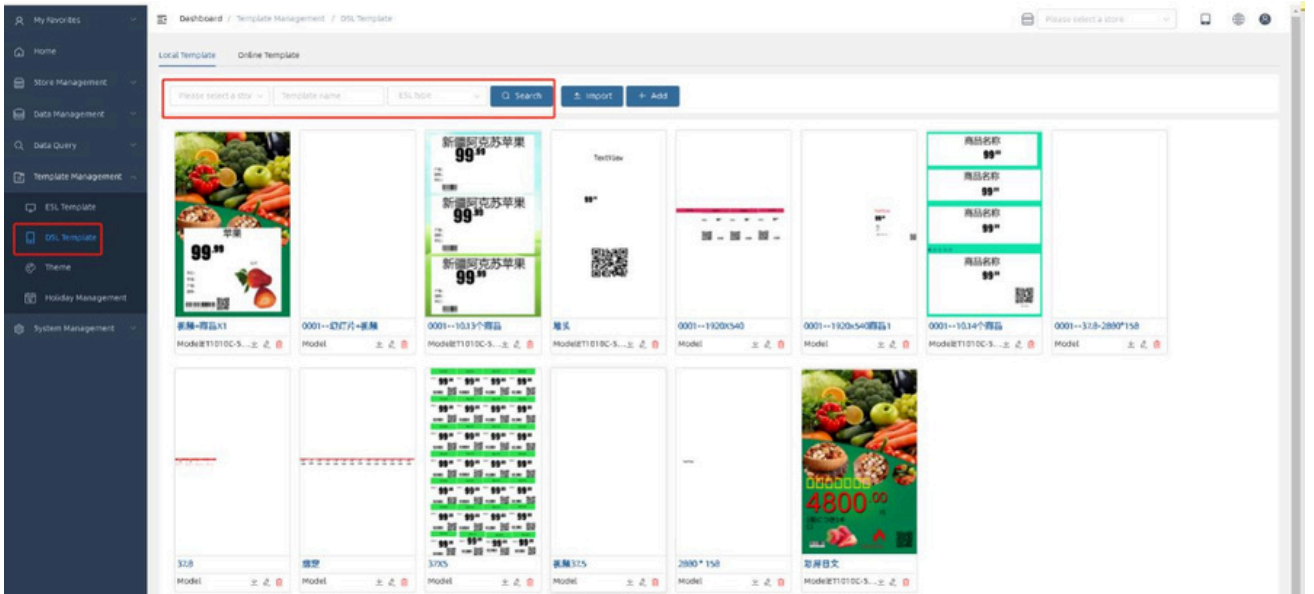


Limited Scope of Use

8.2 DSL Template

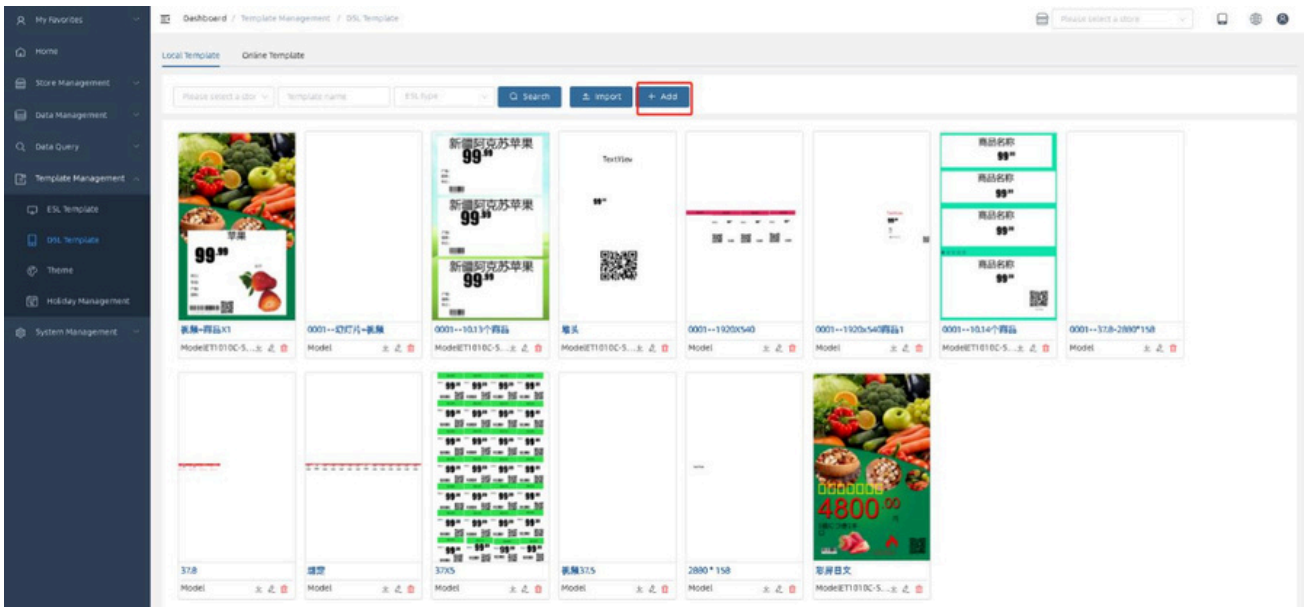
8.2.1 Enquiry Template

DSL templates need to be searched quickly, based on shop, template name, and price tag type.



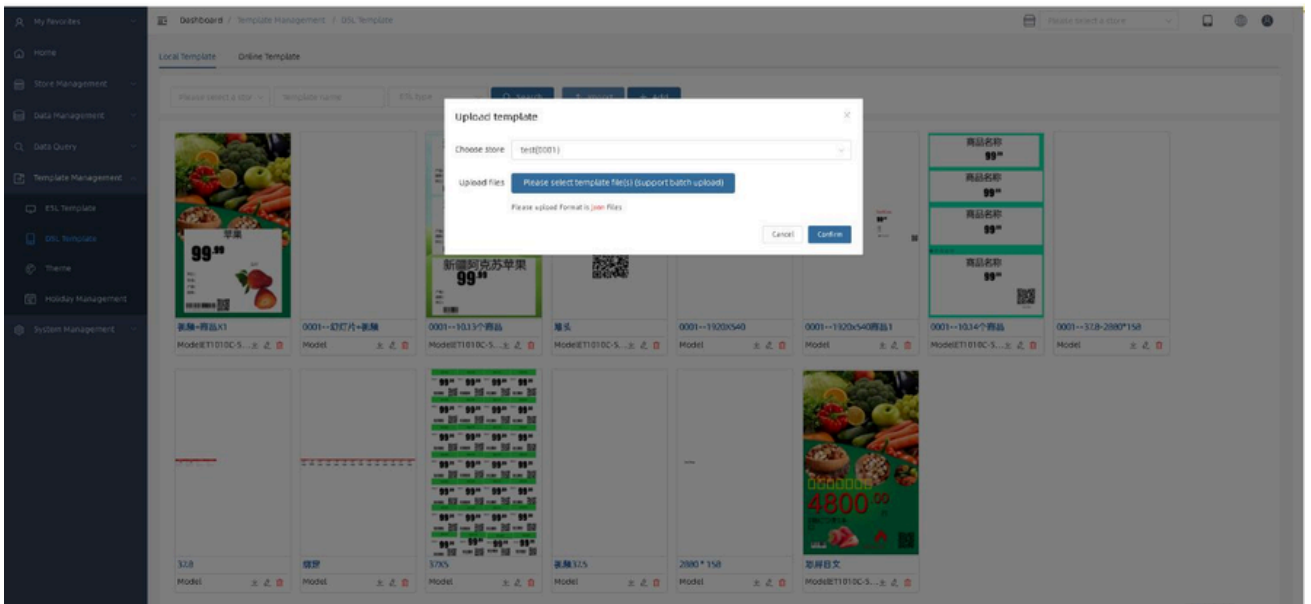
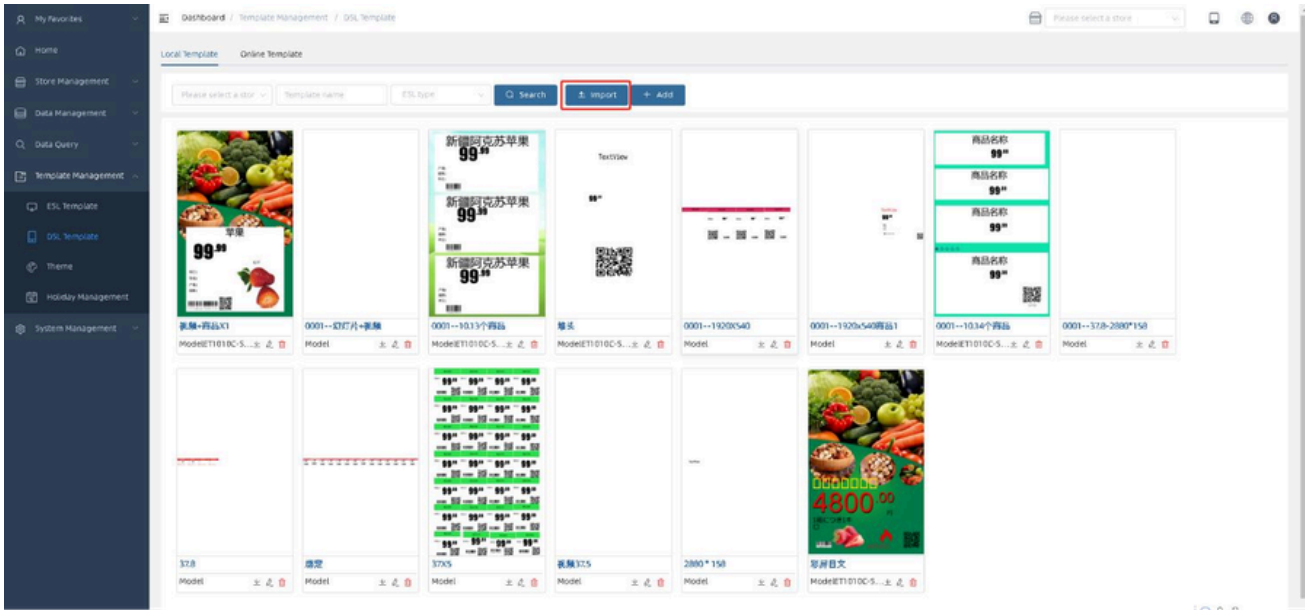
8.2.2 Add Template

Click the Add button to go to eDesigner for template design, see the eDesigner manual for details.



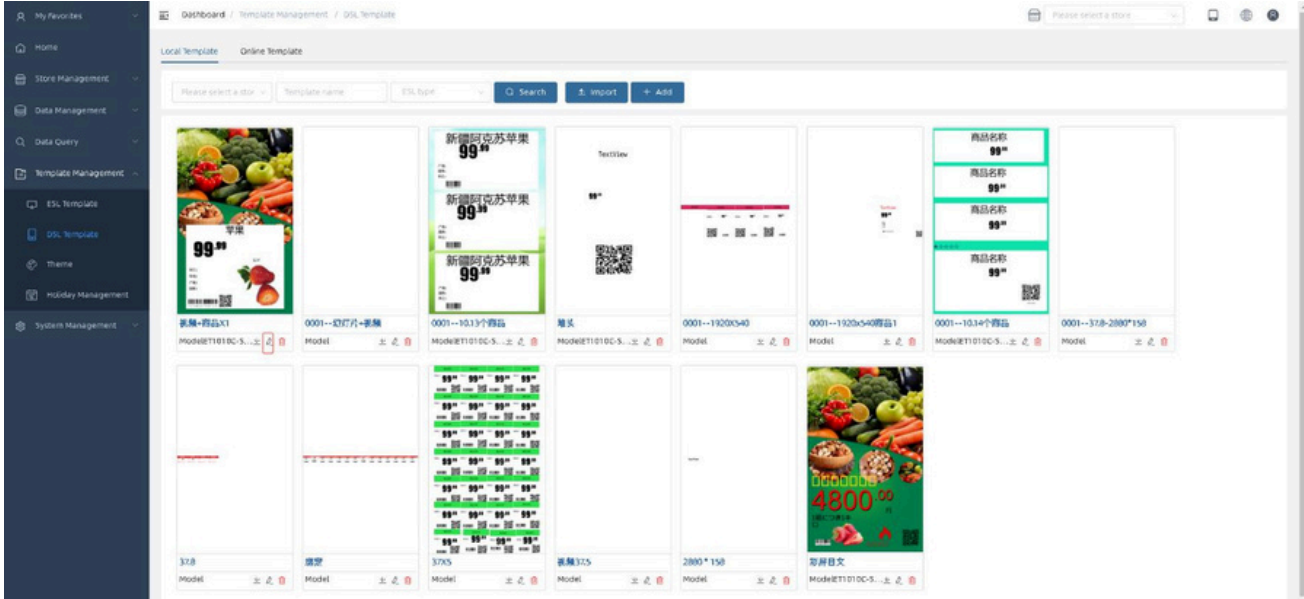
8.2.3 Import Template

Click on the Import button to select a specific shop to import the template file.



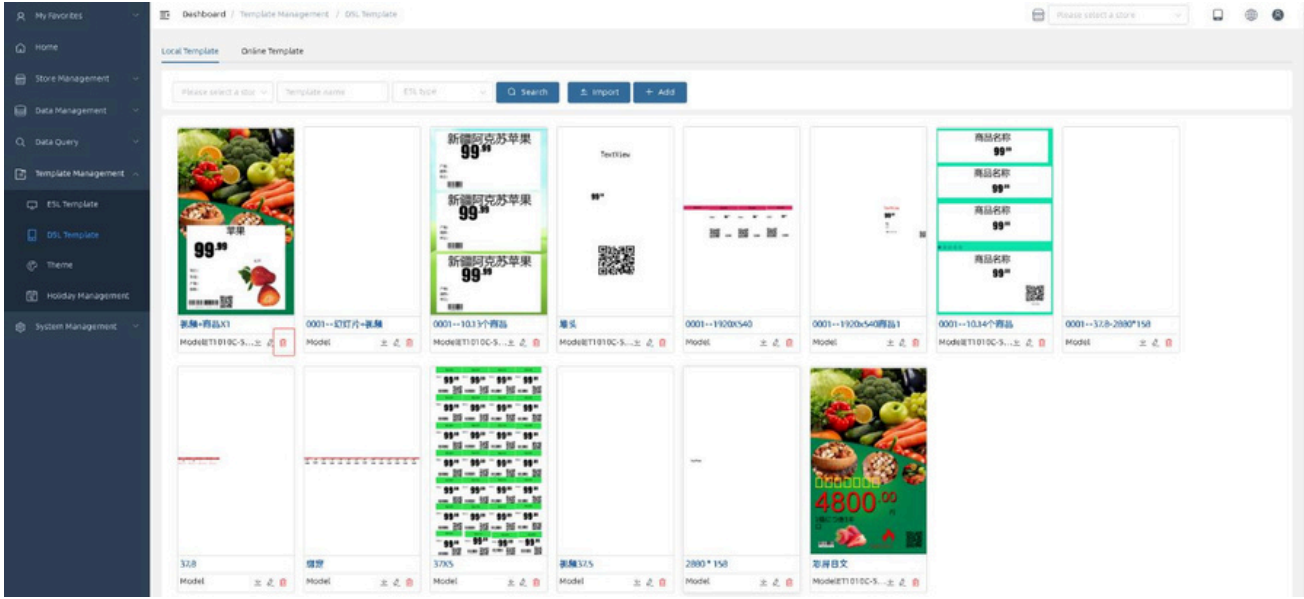
8.2.4 Edit Template

Click the Edit button to go to eDesigner and edit the content of this template.



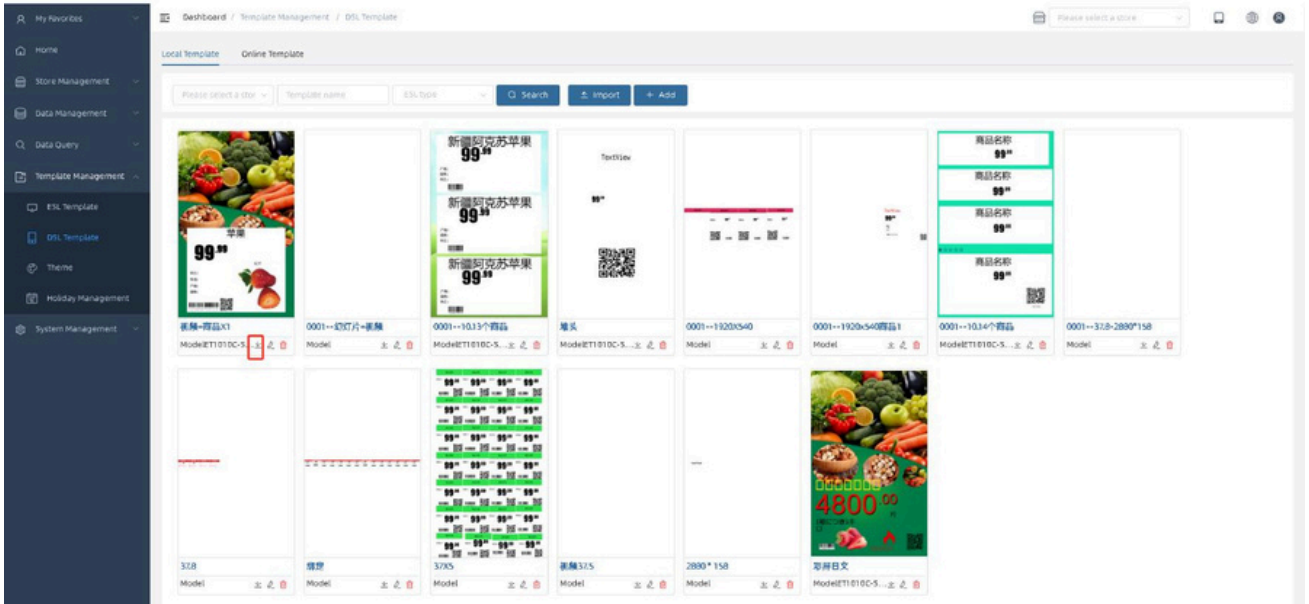
8.2.5 Delete Template

Click the Delete button to delete the specified template.



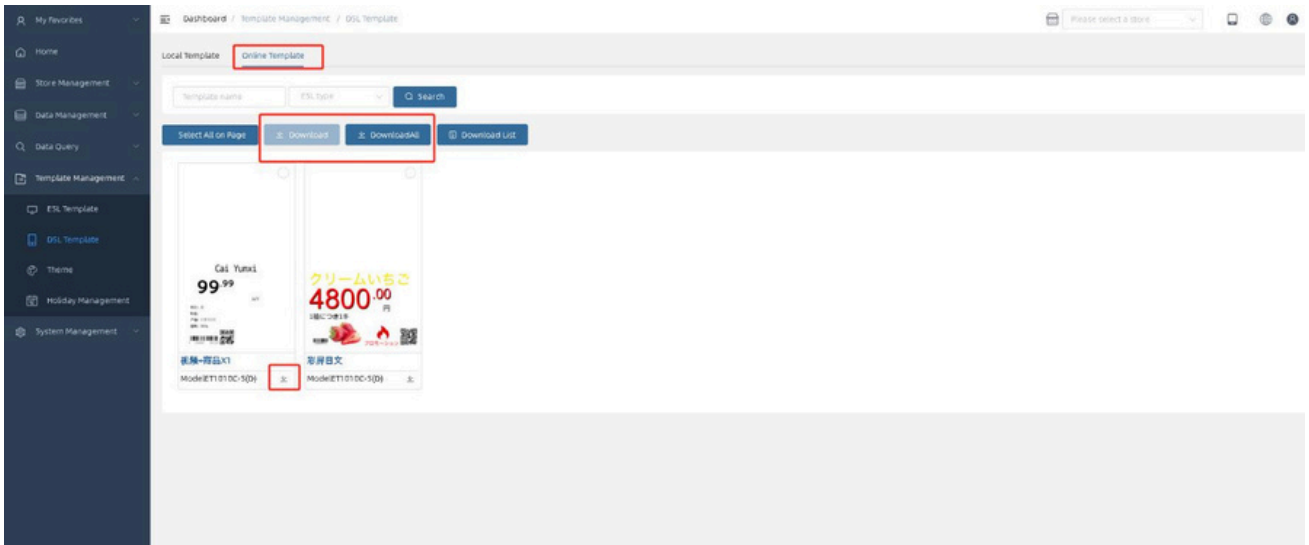
8.2.6 Download Template

Click the Download button to download the JSON file for the specified template.

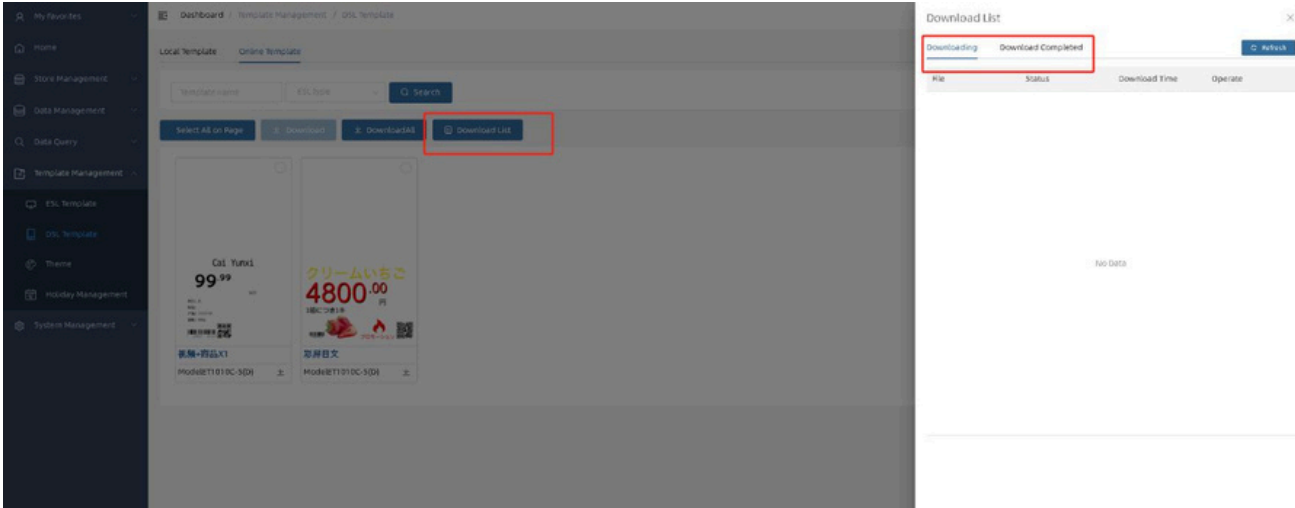


8.2.7 Online Template

You can search the templates you need by template name and price tag type for single or batch download ads.



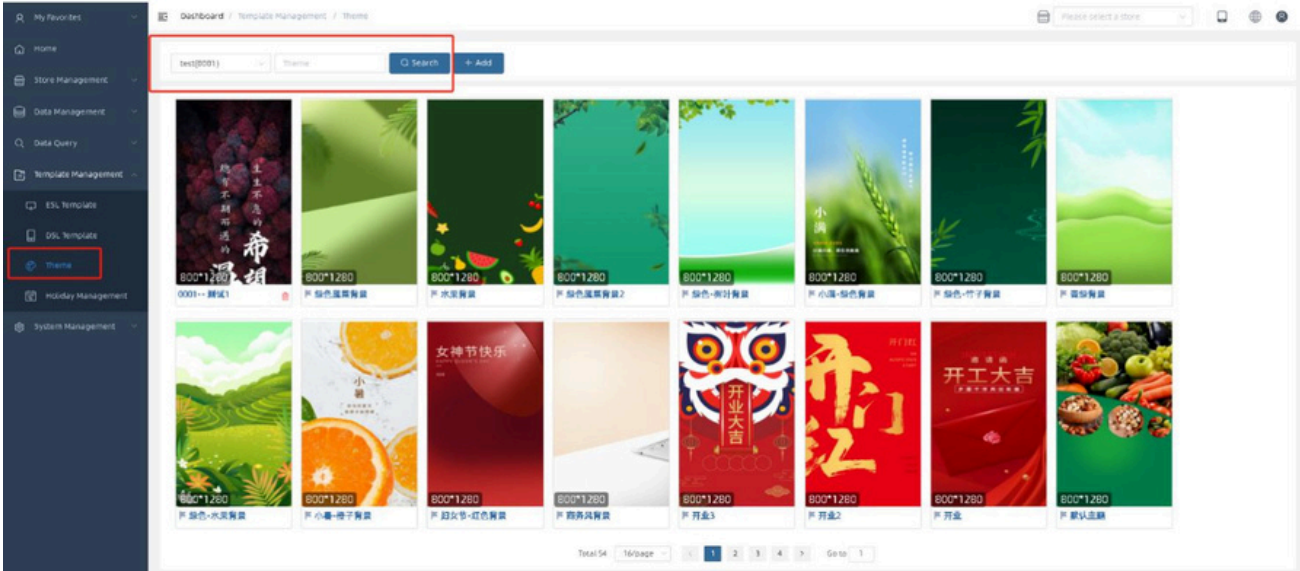
Click on the download list to see the progress of the download.



8.3 Template theme

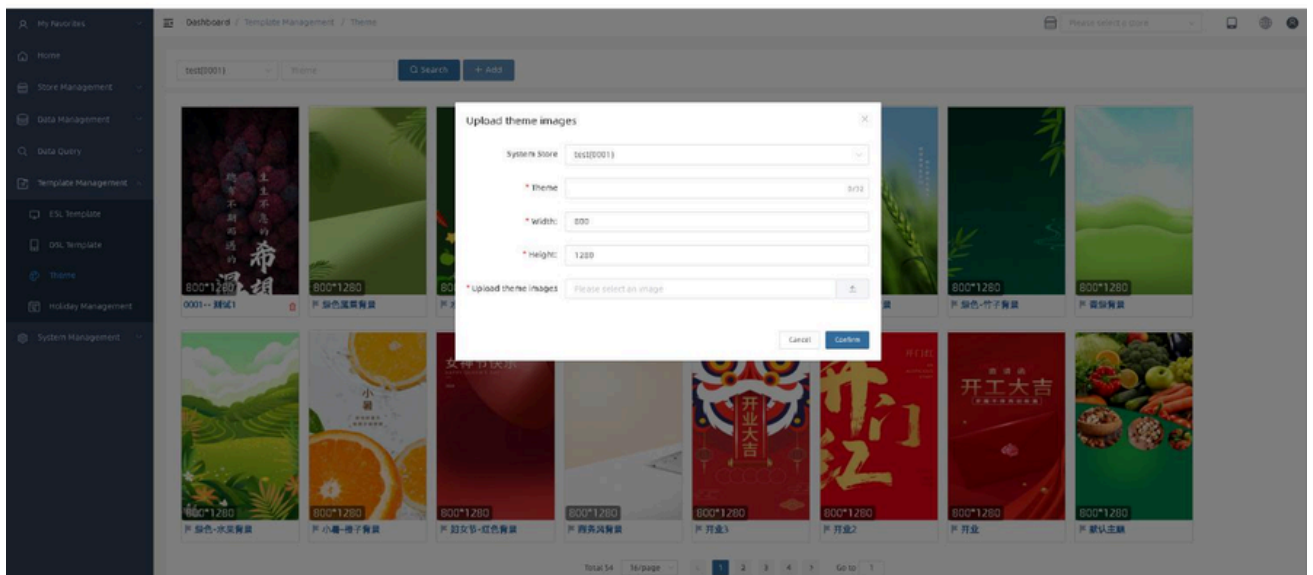
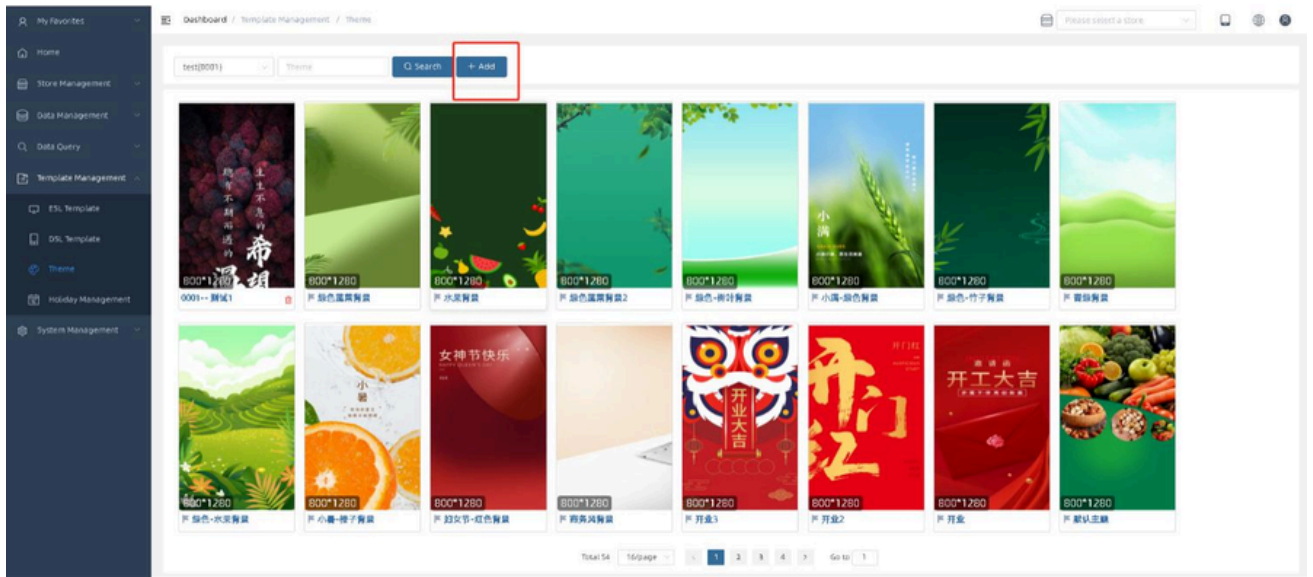
8.3.1 Query theme

You can quickly search for the theme you need, according to the shop, template theme.



8.3.2 Add theme

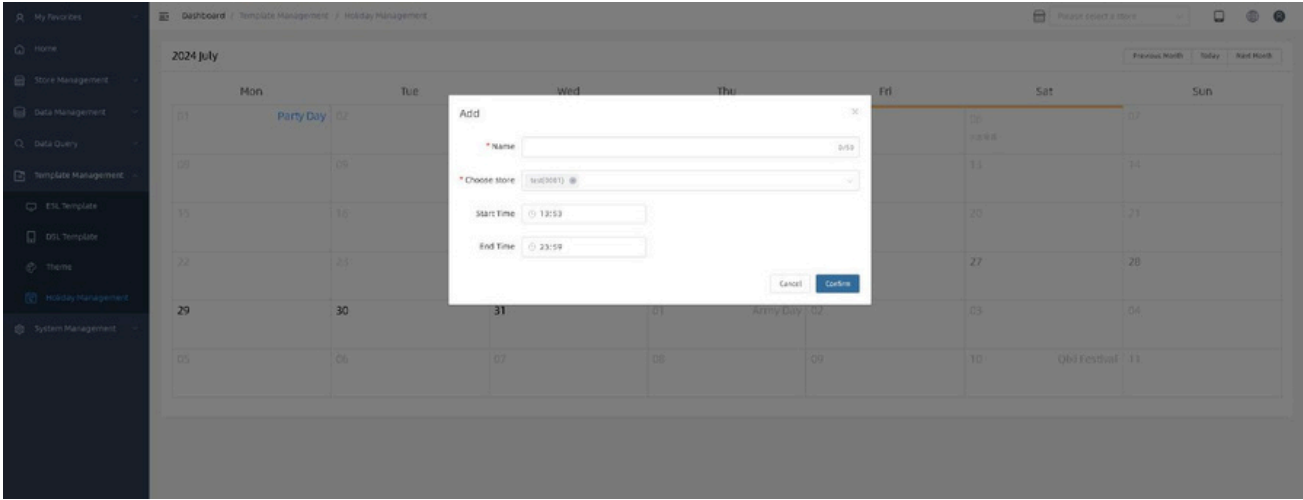
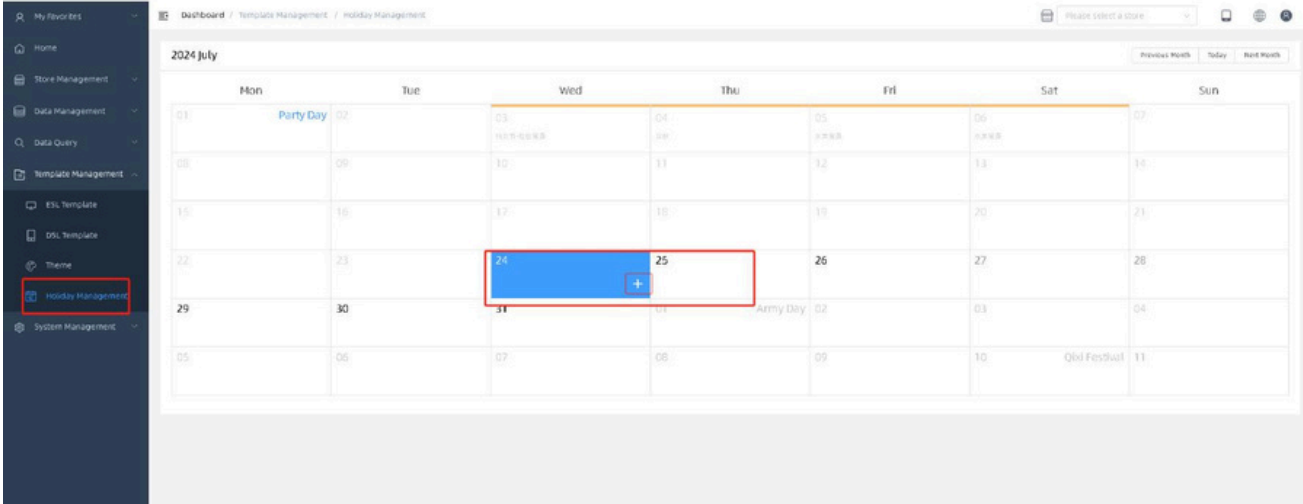
Click the Add button to add a theme image to the specified shop, you need to enter the theme name and theme size information (for matching different screen sizes). A theme with the same name will be automatically matched for background display during the set shop holidays.



8.4 Holiday Management

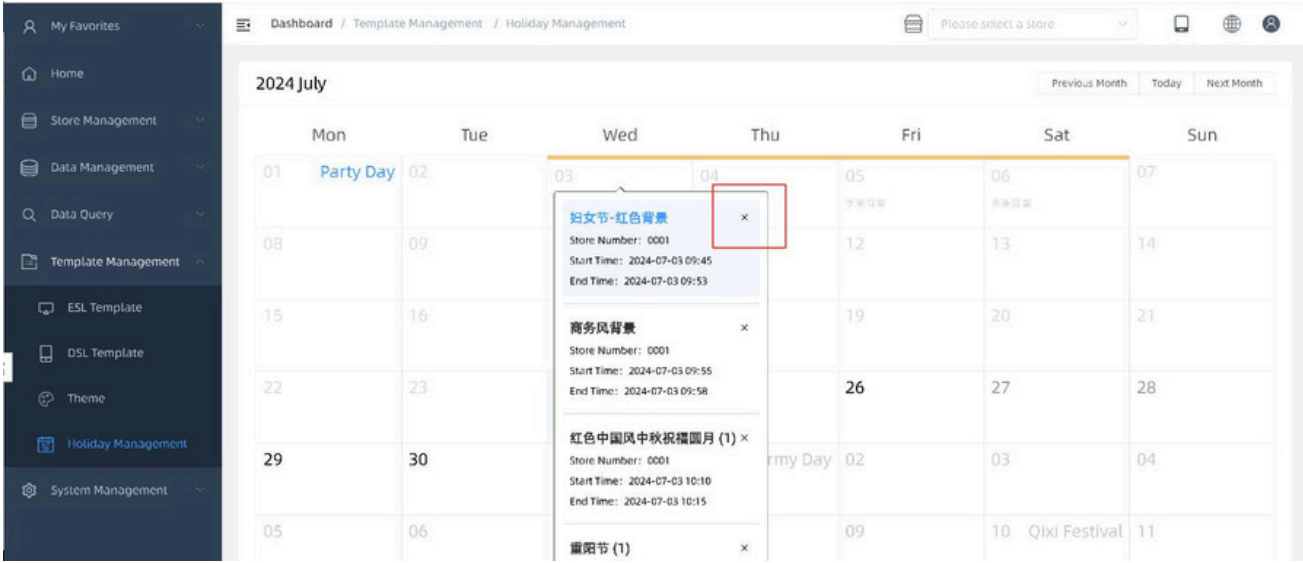
8.4.1 Add Holiday

Shop holiday information can be created by clicking on the holiday start time and end time in the calendar and clicking on the Add button.



8.4.2 Delete Holiday

You can delete holiday information by clicking the Delete button for an existing holiday in the calendar.



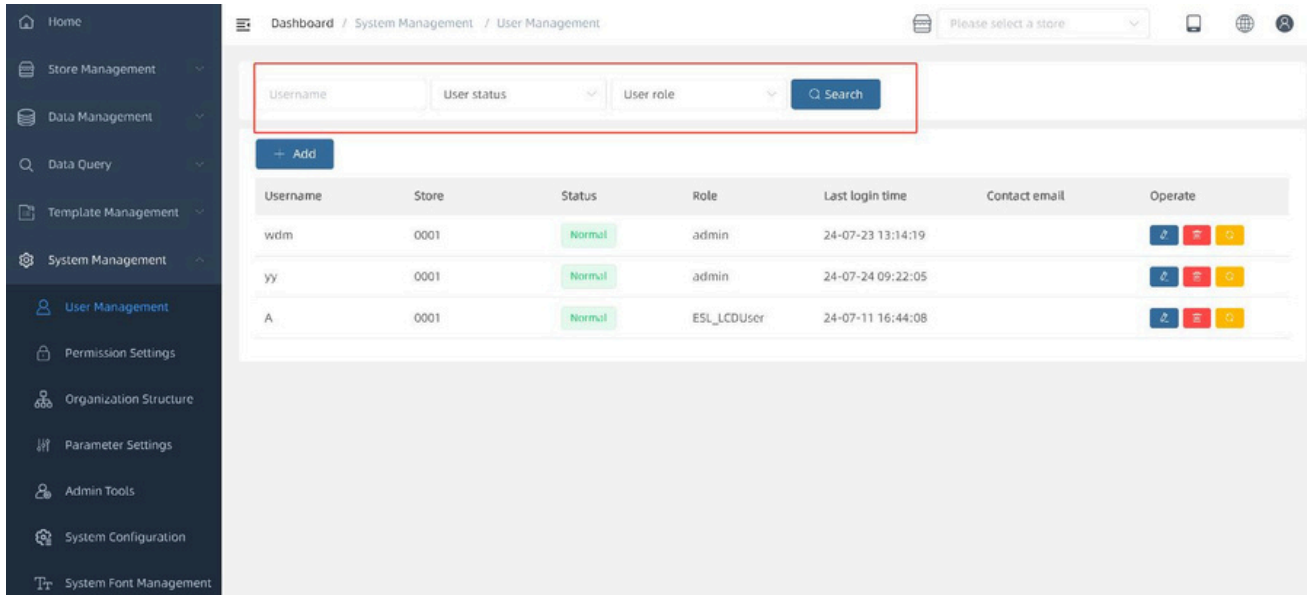
Limited Scope of Use

9 System Management










9.1 User Management

9.1.1 Enquiry User

You can quickly retrieve the required user information based on user name, user status, and user role.

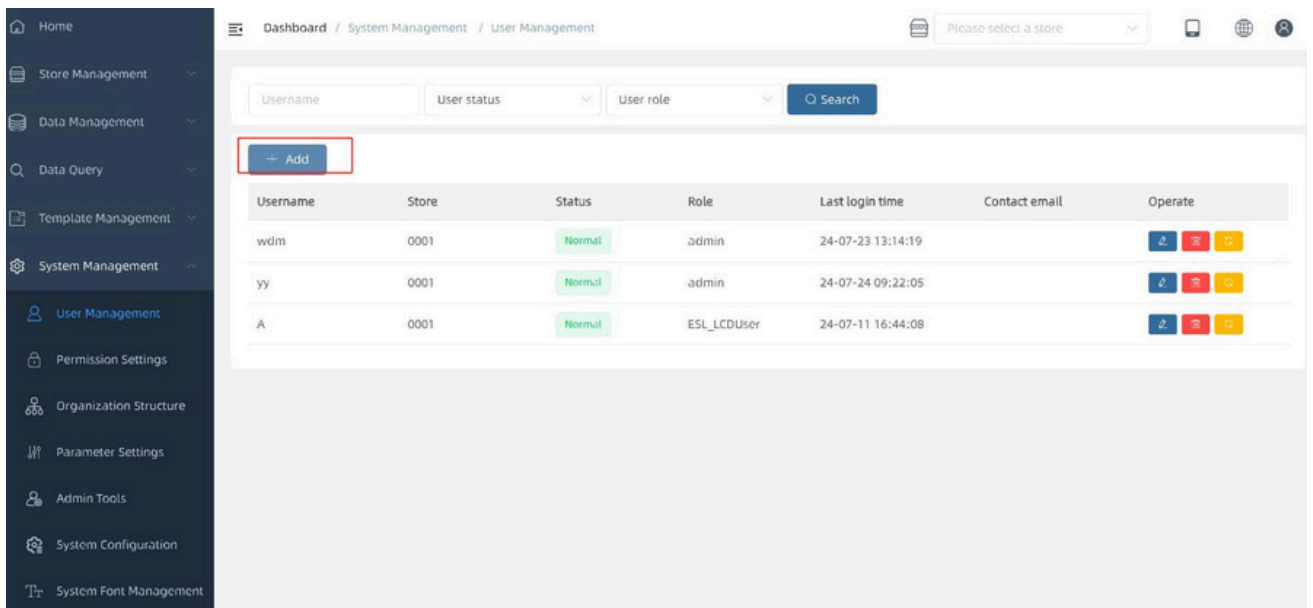


The screenshot shows the 'User Management' page in the system. A search bar at the top allows filtering by Username, User status, and User role. Below the search bar is an '+ Add' button and a table of users. The table has columns for Username, Store, Status, Role, Last login time, Contact email, and Operate. Three users are listed: 'wdm', 'yy', and 'A'. Each user row has three action buttons: a blue arrow, a red stop sign, and a yellow refresh icon.

Username	Store	Status	Role	Last login time	Contact email	Operate
wdm	0001	Normal	admin	24-07-23 13:14:19		  
yy	0001	Normal	admin	24-07-24 09:22:05		  
A	0001	Normal	ESL_LCDUser	24-07-11 16:44:08		  

9.1.2 Add User

You can add a system user by clicking the Add button and entering the user's basic information.

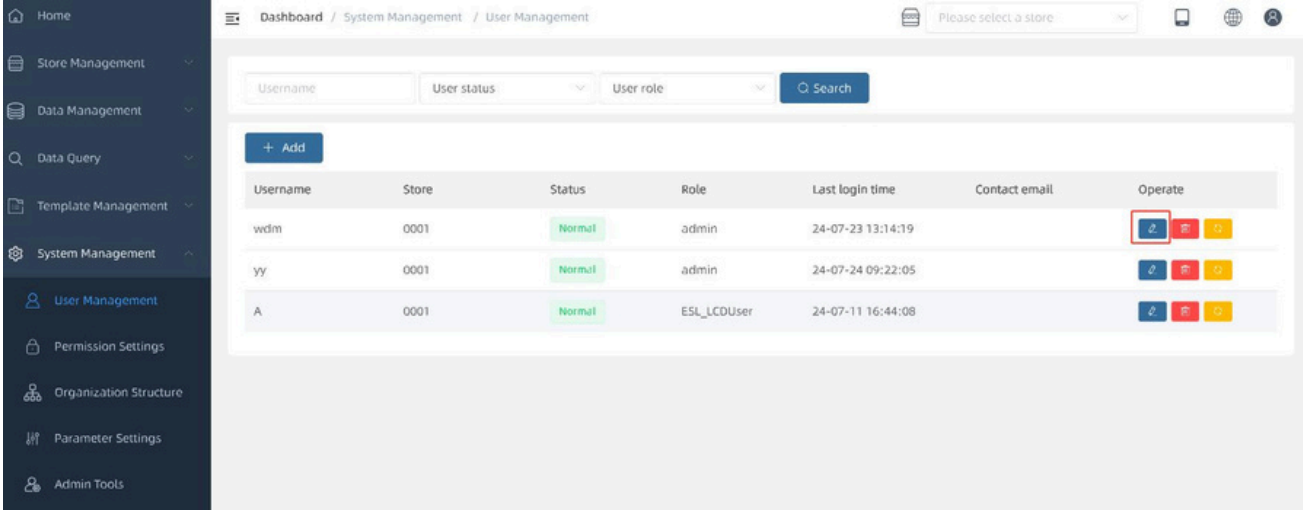


This screenshot is identical to the previous one, but the '+ Add' button is highlighted with a red box, indicating the next step in the process.



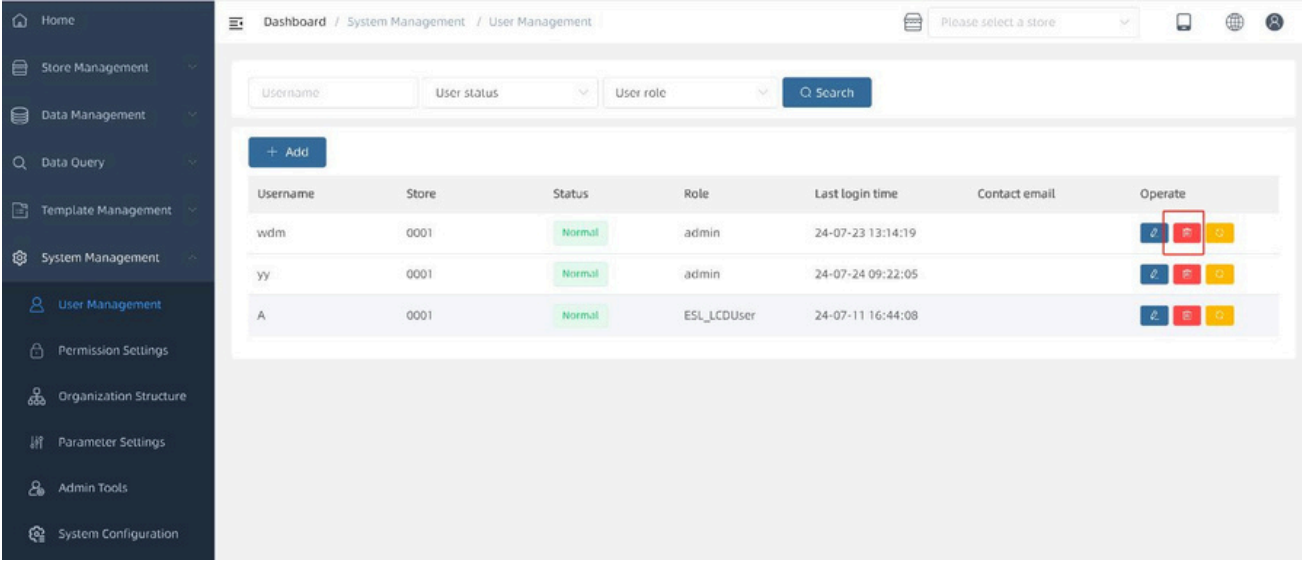
9.1.3 Edit user

You can edit the information of a user by clicking the Edit button corresponding to that user.



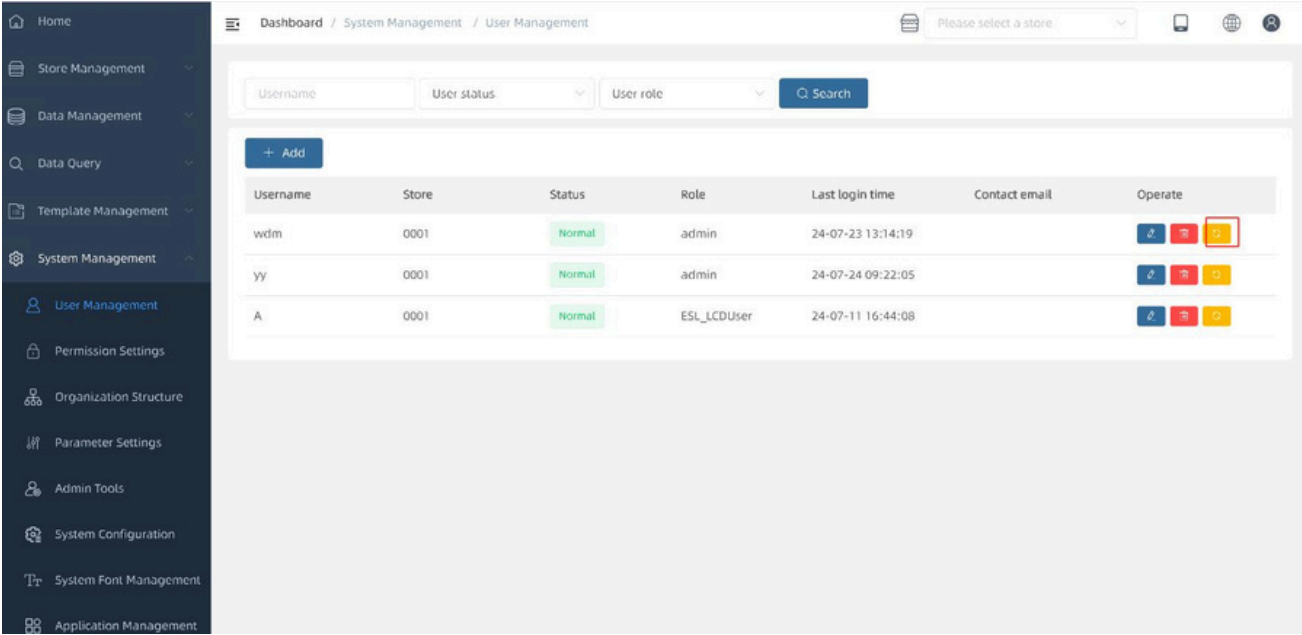
9.1.4 Delete user

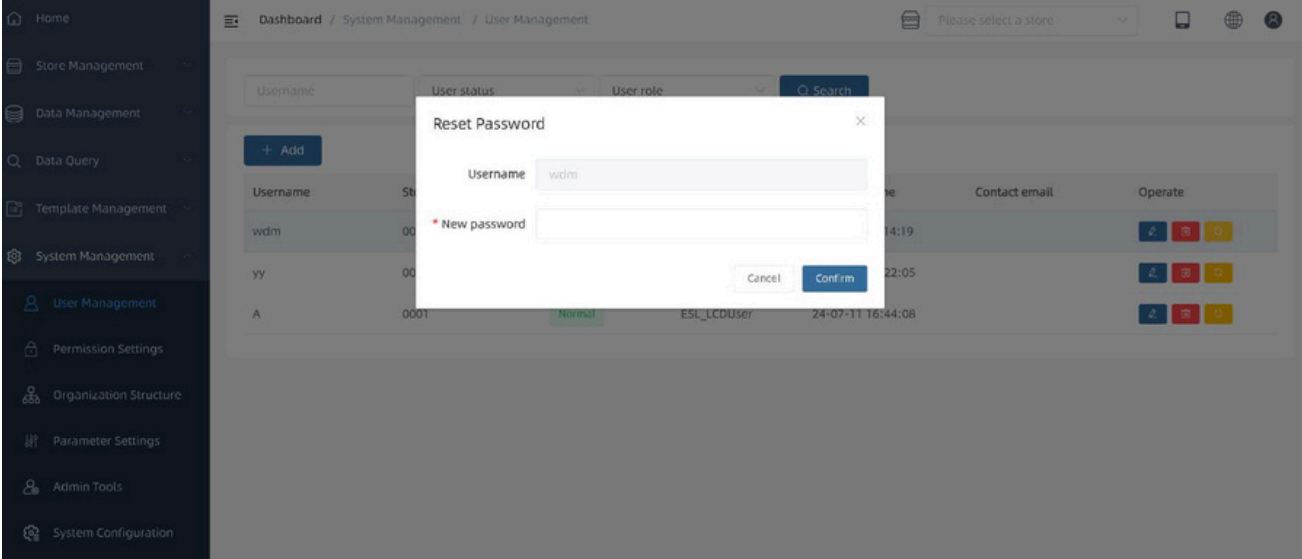
You can delete the user information by clicking the Delete button corresponding to the user, and the user will not be able to log in to the system after the deletion.



9.1.5 Reset Password

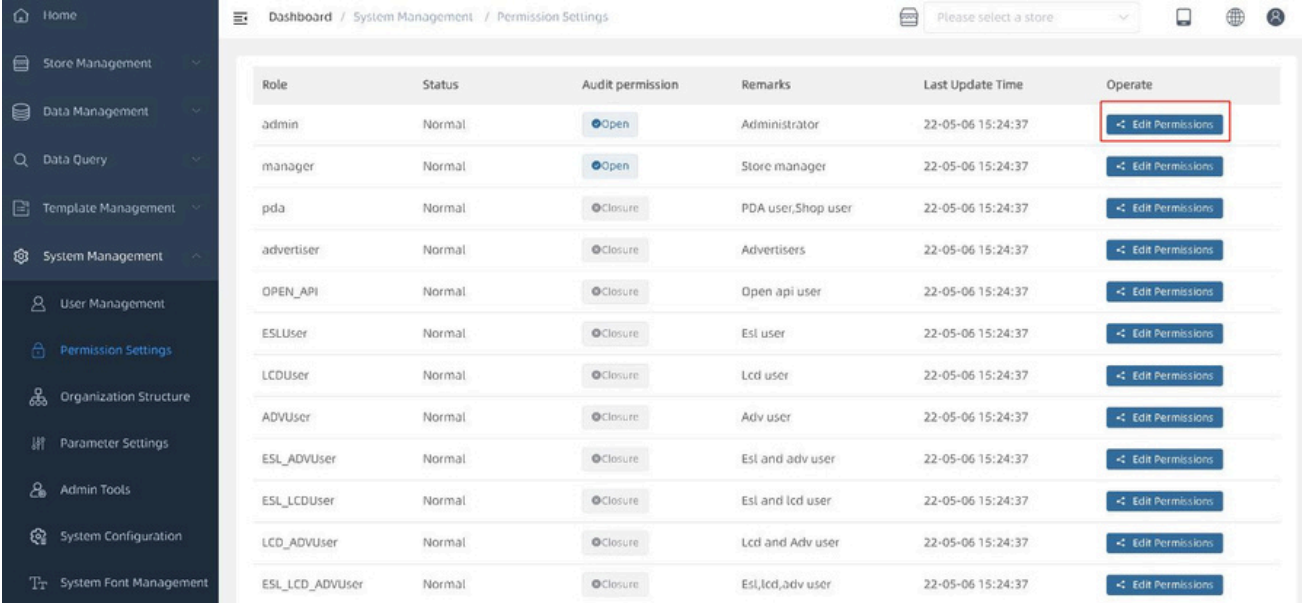
Click the Reset Password button for a user to reset the login password for that user.

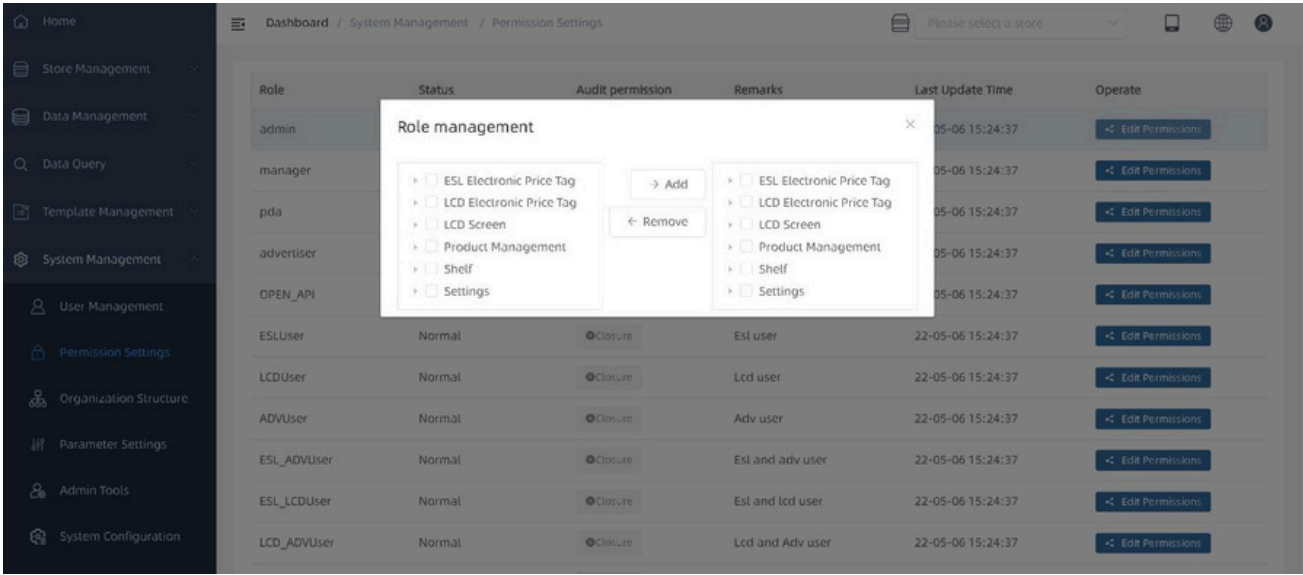




9.2 Rights Management

Click on the Edit Permissions button to view and edit the app permissions for the role.

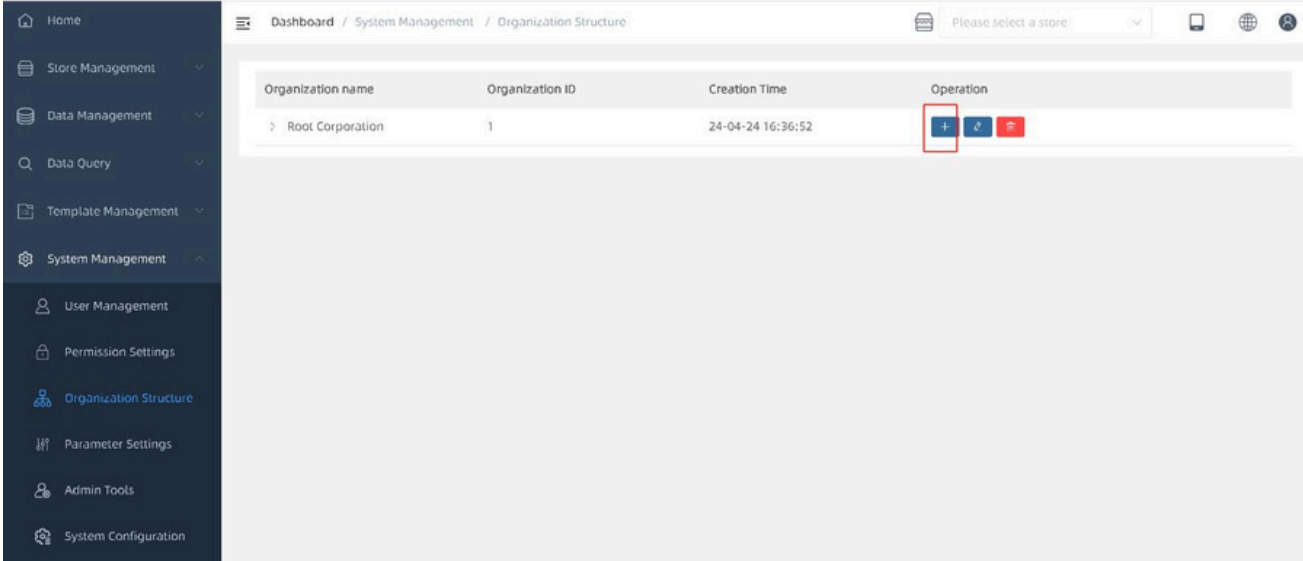




9.3 Organizational Structure

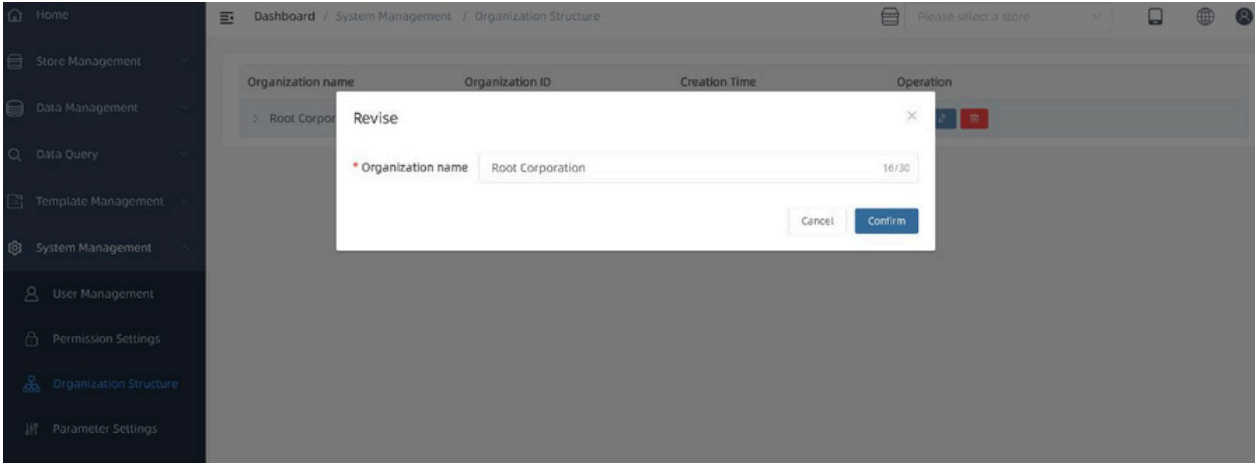
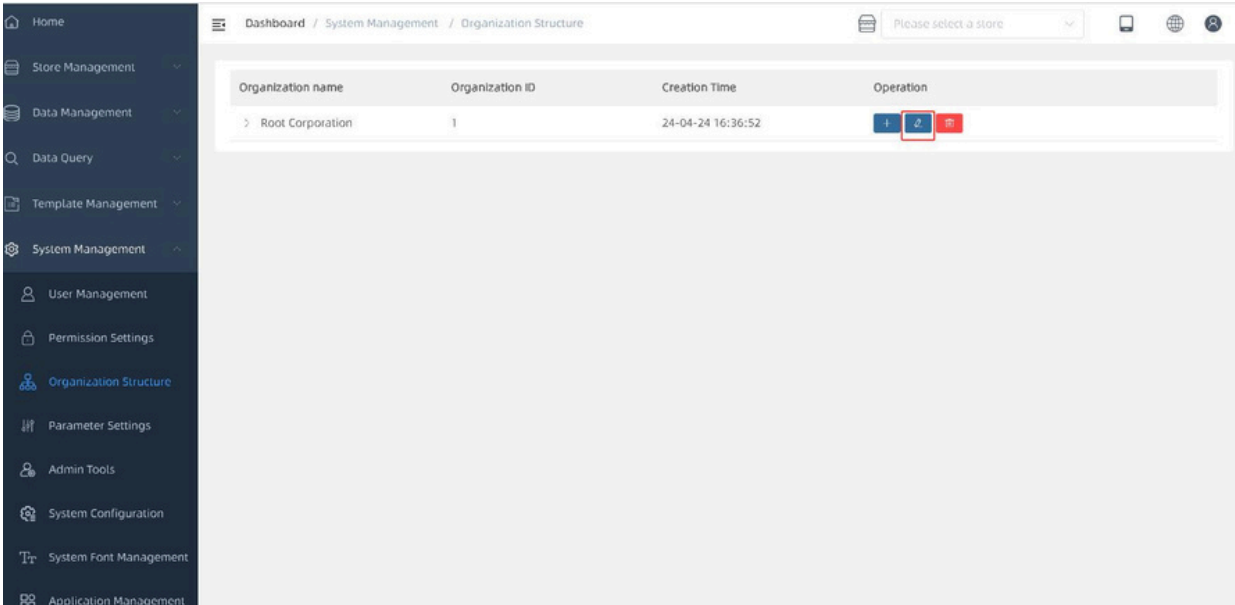
9.3.1 Add Organization

To add a subordinate organization, you can click on the Add button of the parent organization.



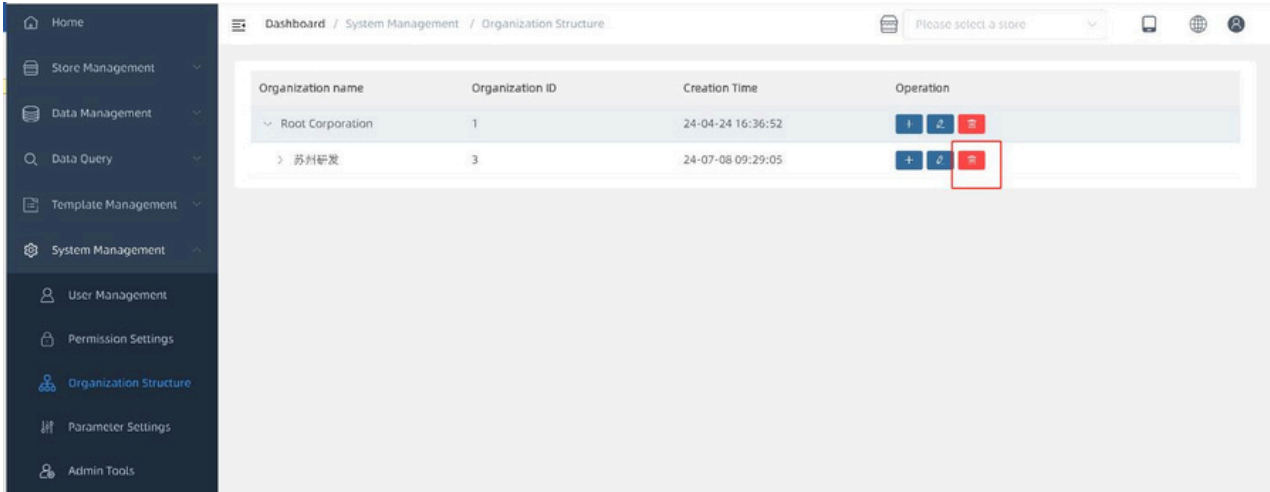
9.3.2 Edit Organization

You can modify the name of the organization by clicking on the Edit button corresponding to the organization.



9.3.3 Delete Organization

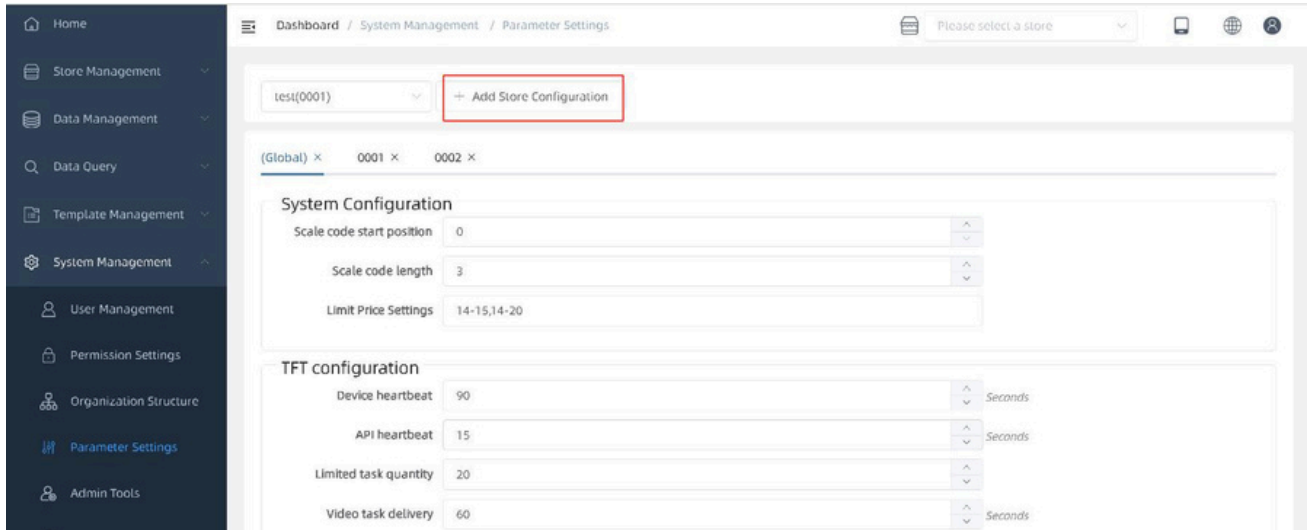
The organization can be deleted by clicking the Delete button for the corresponding organization (deletion is not possible when a subordinate organization exists).



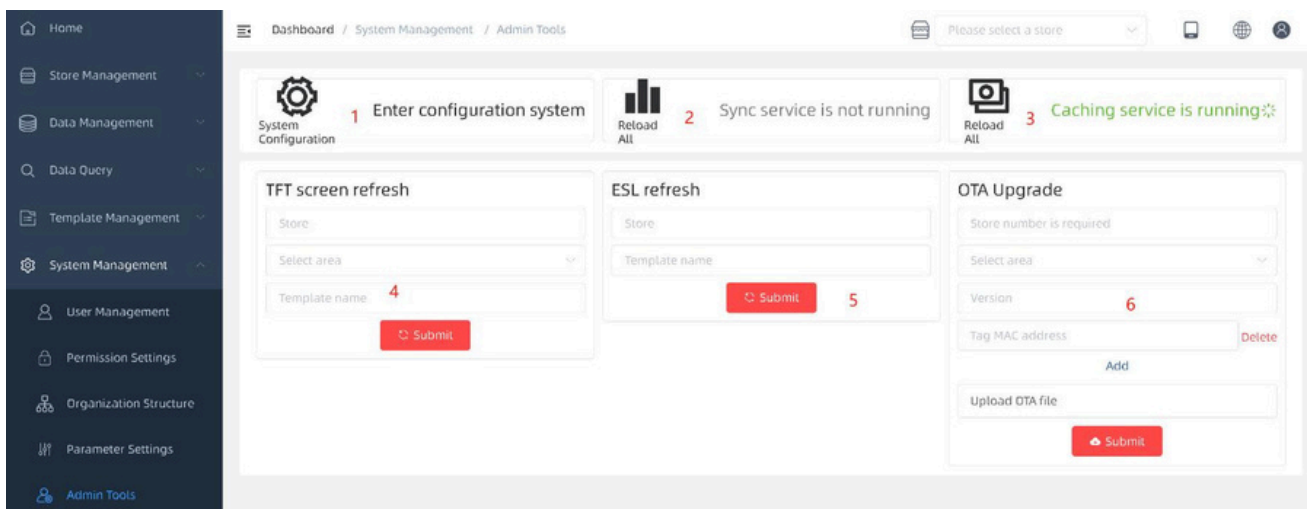
Limited Scope of Use

9.4 Parameter setting

After selecting a shop, click the Add button and enter the shop's system configuration information, TFT configuration information, and system feedback configuration information, and click the Save button to save the shop configuration data.



9.5 Administrator Tools



1. Click Configure System to enter the System Configuration page, where you can configure basic system information.

Shop Configuration -> Data Sync Configuration -> Dynamic Model Configuration -> Model Parameter Configuration -> Template Configuration

Shop Configuration

Store Number: (Global)

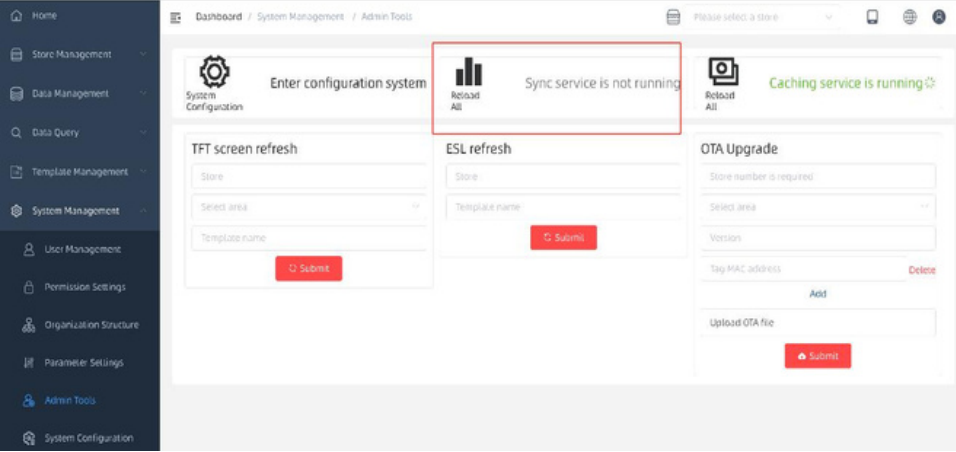
Data Sync: Open Closure

* Sync Interval: 60

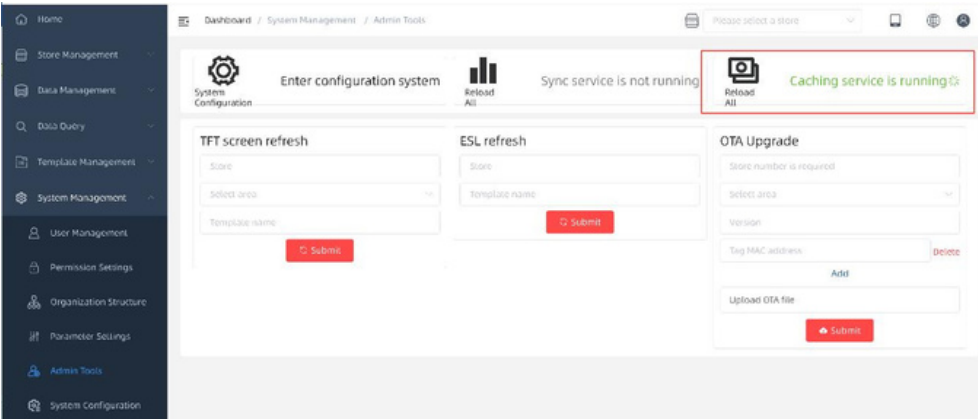
* Template Type: REG,SAL

[Next](#) [Restore from Backup System](#)

2. TheSynchronizationServiceisrestarted.

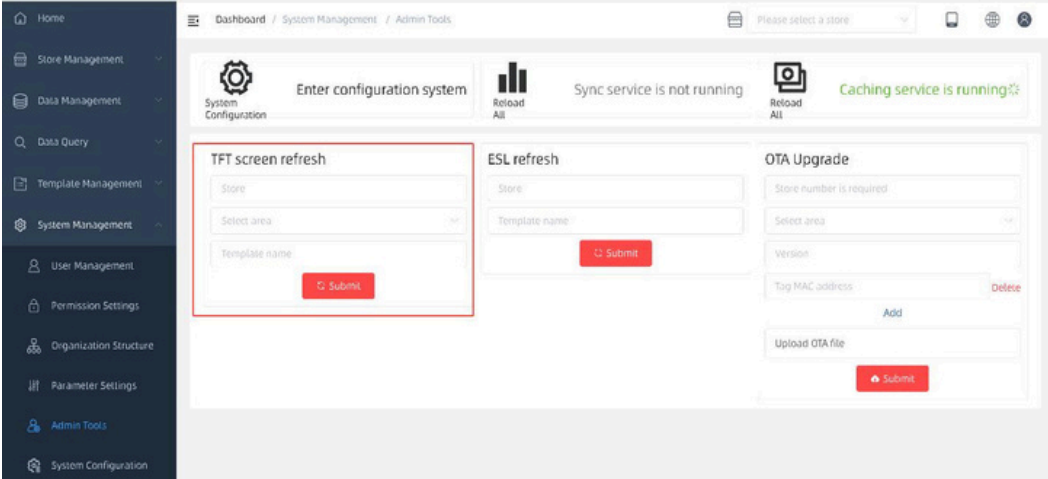


3. Cacheservicerestart.

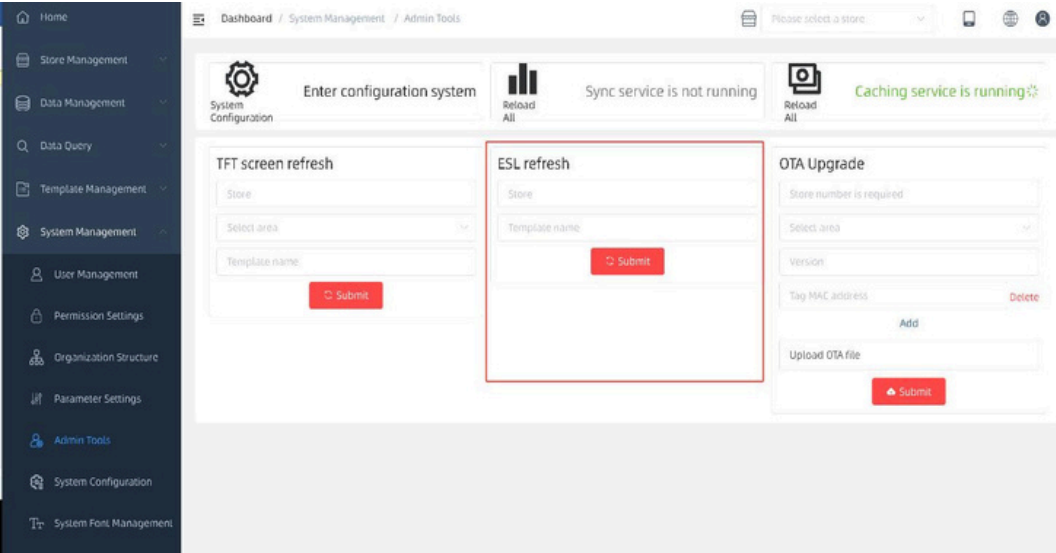


4. Refreshthespecifiedcolorscreen.

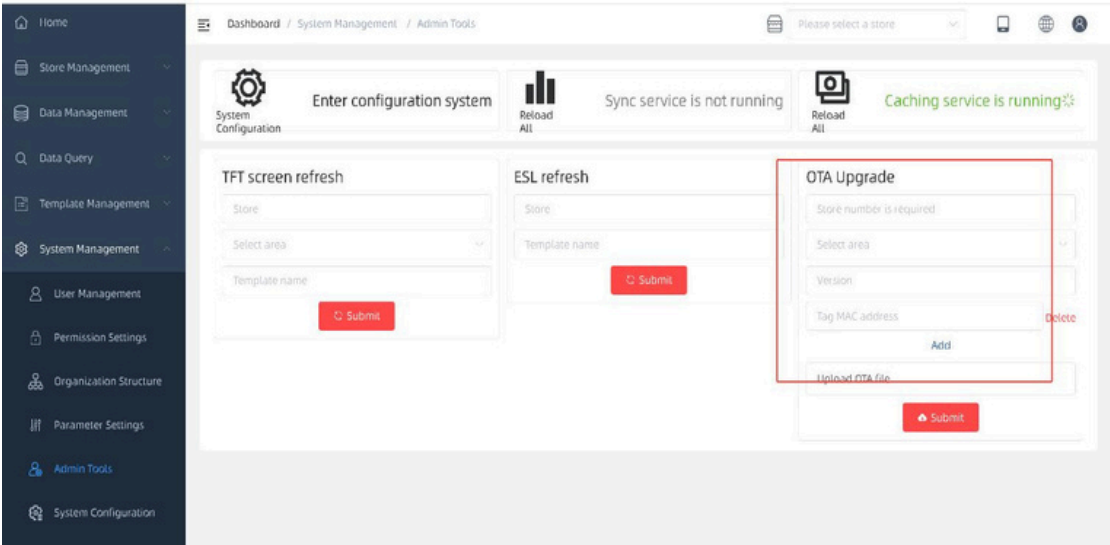
Limited Scope of Use



5. Refreshthespecifiedpricetag.



6. Otaupgradesspecifiedcolorscreen.

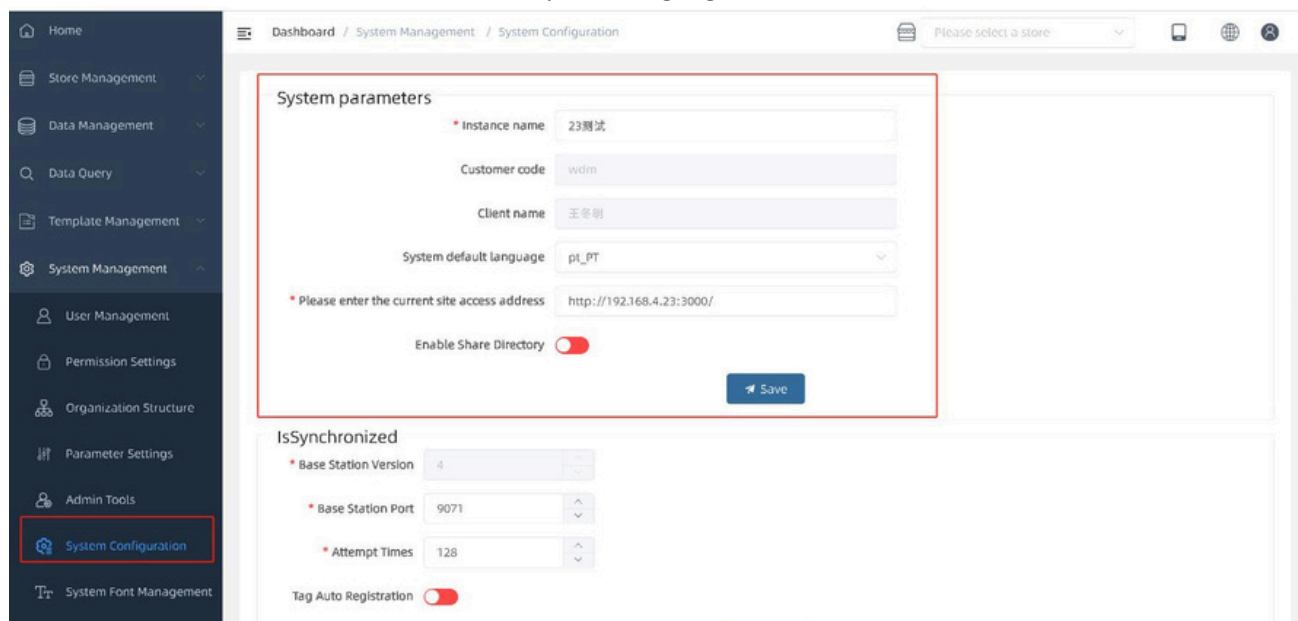


Limited Scope of Use

9.6 System Configuration

9.6.1 System parameter

You can set the instance name, client code, system language, and current site IP.



The screenshot shows the 'System Configuration' page in a web application. The left sidebar contains a navigation menu with 'System Configuration' highlighted. The main content area is titled 'System parameters' and contains the following fields:

- Instance name: 23测试
- Customer code: wdm
- Client name: 王冬明
- System default language: pt_PT
- Please enter the current site access address: http://192.168.4.23:3000/
- Enable Share Directory:

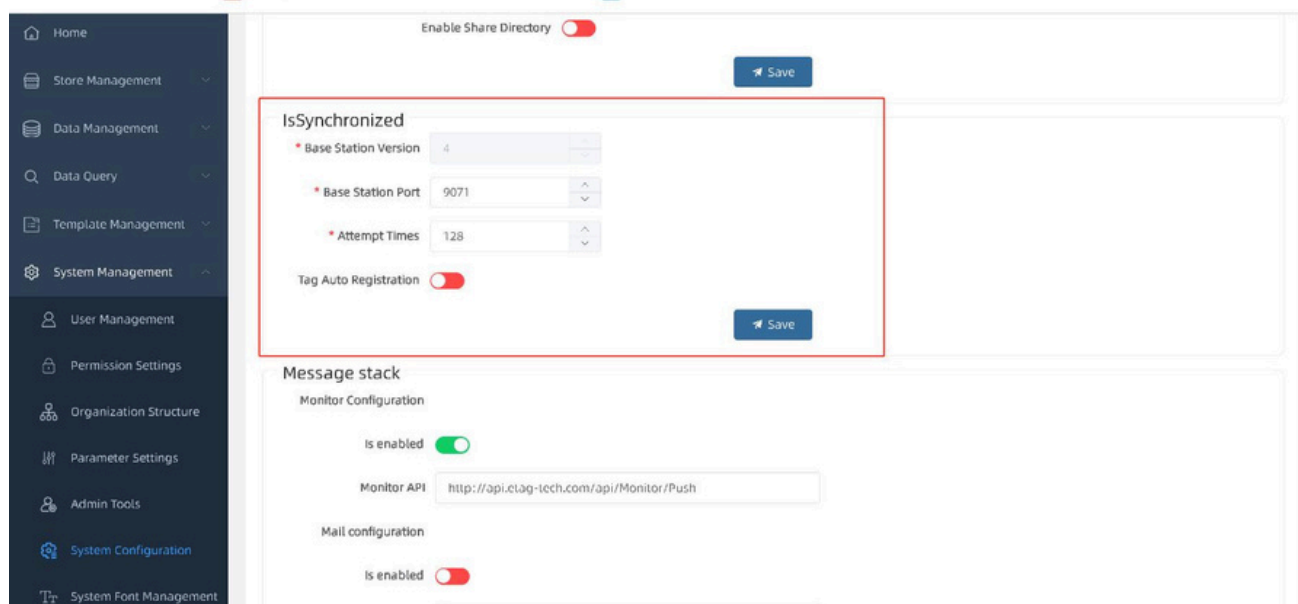
Below the 'System parameters' section is the 'IsSynchronized' section with the following fields:

- Base Station Version: 4
- Base Station Port: 9071
- Attempt Times: 128
- Tag Auto Registration:

A 'Save' button is located at the bottom right of the 'System parameters' section.

9.6.2 Base Station Configuration Parameter

Base station version: 4+ for AP05 base station, base station port: default 9071, after modification, you need to restart the service to take effect, number of attempts: price tag sending failures will enter the blacklist after reaching the number, price tag auto-registration: when you receive a price tag heartbeat after turning on the price tag, it will automatically switch the price tag to the current shop.



The screenshot shows the 'System Configuration' page in a web application. The left sidebar contains a navigation menu with 'System Configuration' highlighted. The main content area is titled 'IsSynchronized' and contains the following fields:

- Base Station Version: 4
- Base Station Port: 9071
- Attempt Times: 128
- Tag Auto Registration:

A 'Save' button is located at the bottom right of the 'IsSynchronized' section.

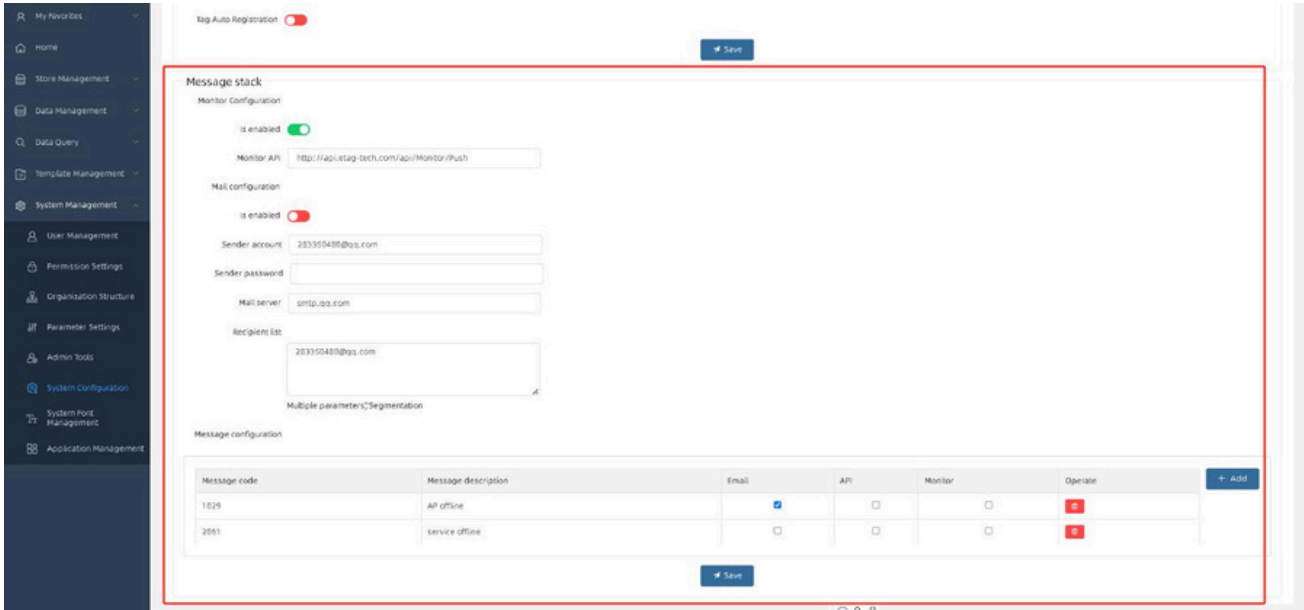
Below the 'IsSynchronized' section is the 'Message stack' section with the following fields:

- Monitor Configuration: Is enabled
- Monitor API: http://api.ctag-tech.com/api/Monitor/Push
- Mail configuration: Is enabled

A 'Save' button is located at the bottom right of the 'Message stack' section.

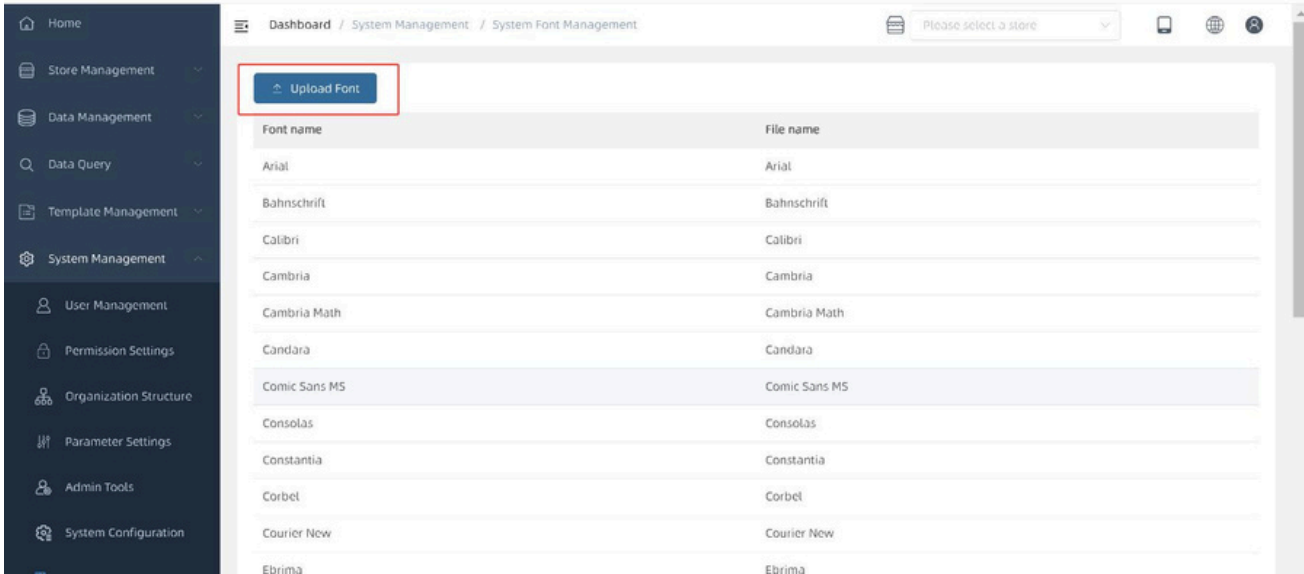
9.6.3 Message stack

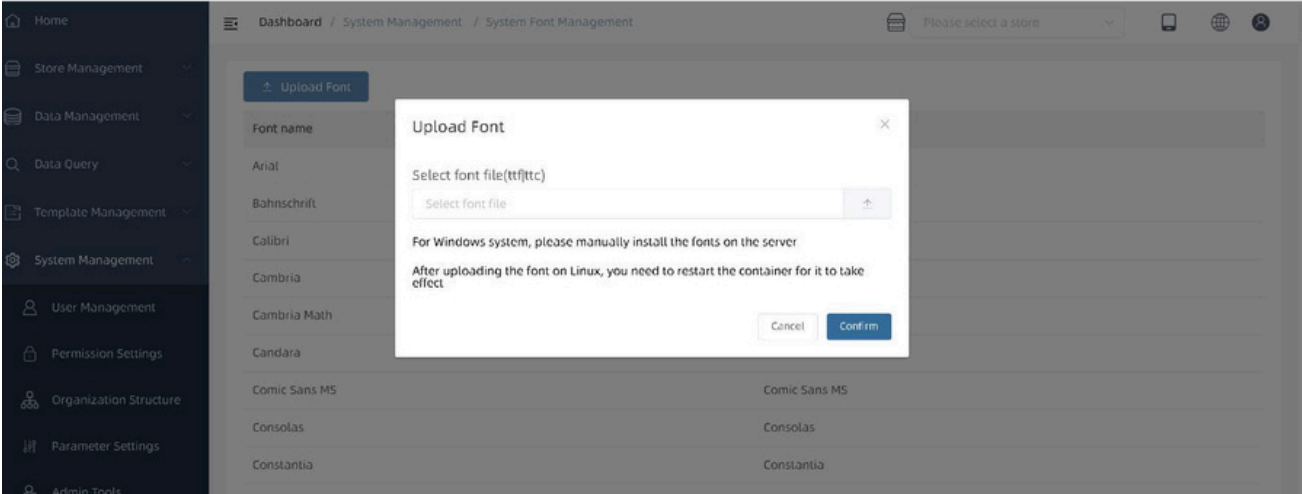
System message notification configuration is possible.



9.7 System Font Management

Add the Upload Fonts button to select the fonts that users need to upload to the server. Windows systems require the server to install the fonts manually, and Linux requires a restart of the container after uploading the fonts.

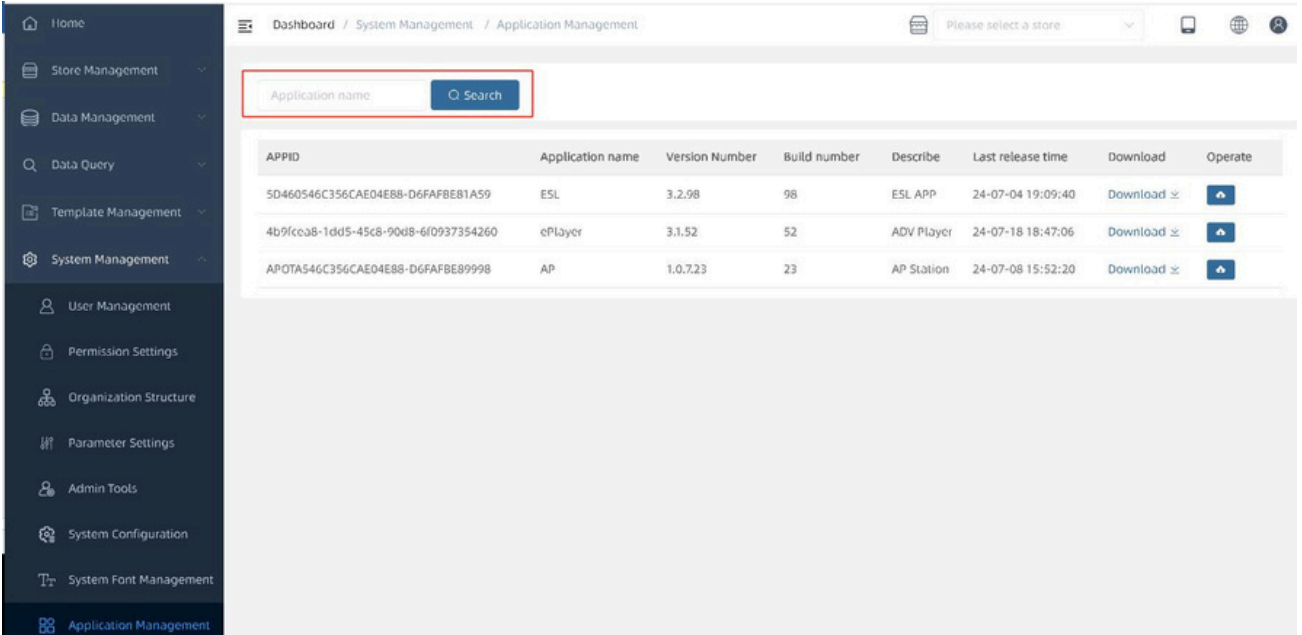




9.8 Application Management

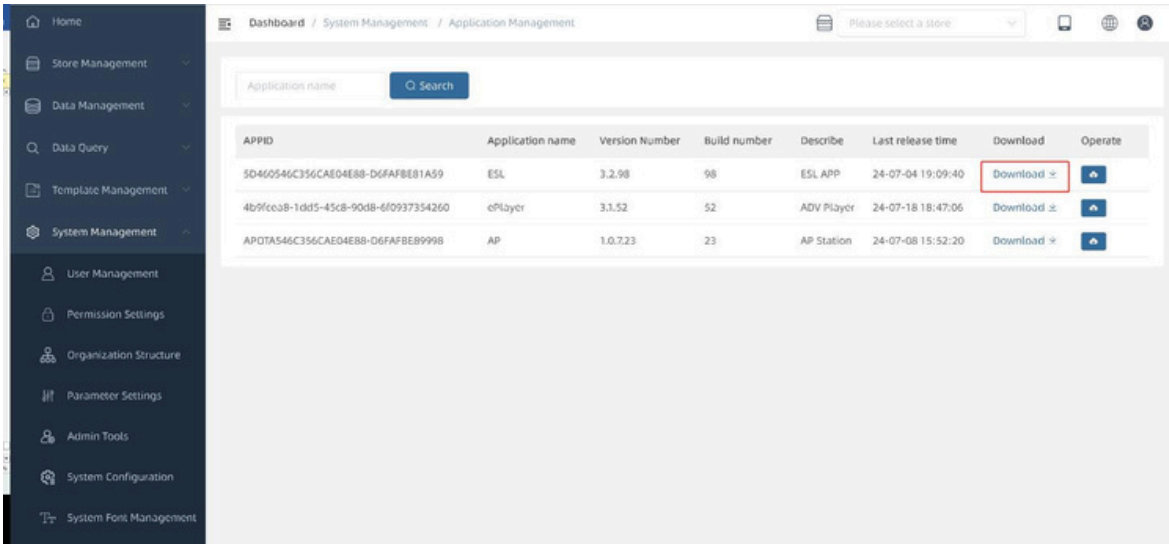
9.8.1 Search App

You can search for the application you want to query by application name.



9.8.2 Download App

Click on the download button to download the required application files.



9.8.3 Publish App

You can upload a new version of the application file and publish it by clicking the Publish button corresponding to the application.

