

Version	1.1
Date	2025-2026

U01 eRetail 3.2 User Manual

1 Summary

1.1 System Architecture

The systemB/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.

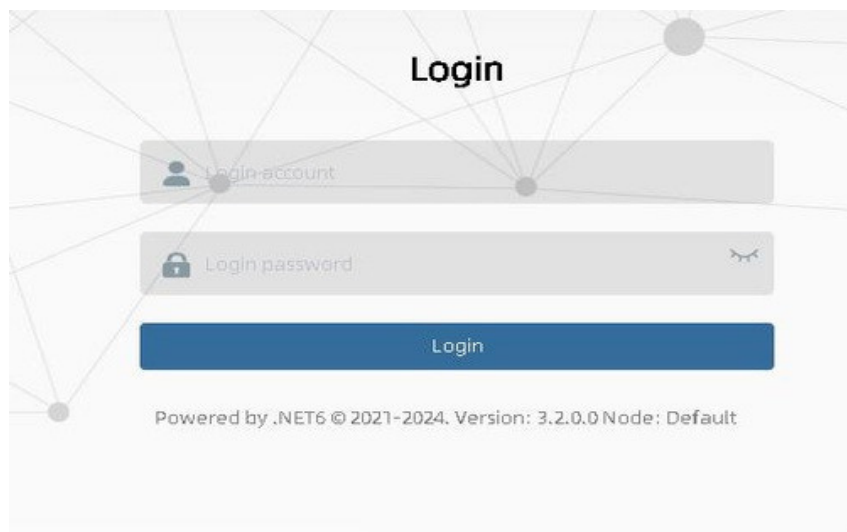
【DataQuery】 :Electronicpricetagcommunicationquery,digitalsignagecommunicationmanagement, data synchronization records, system log query.

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

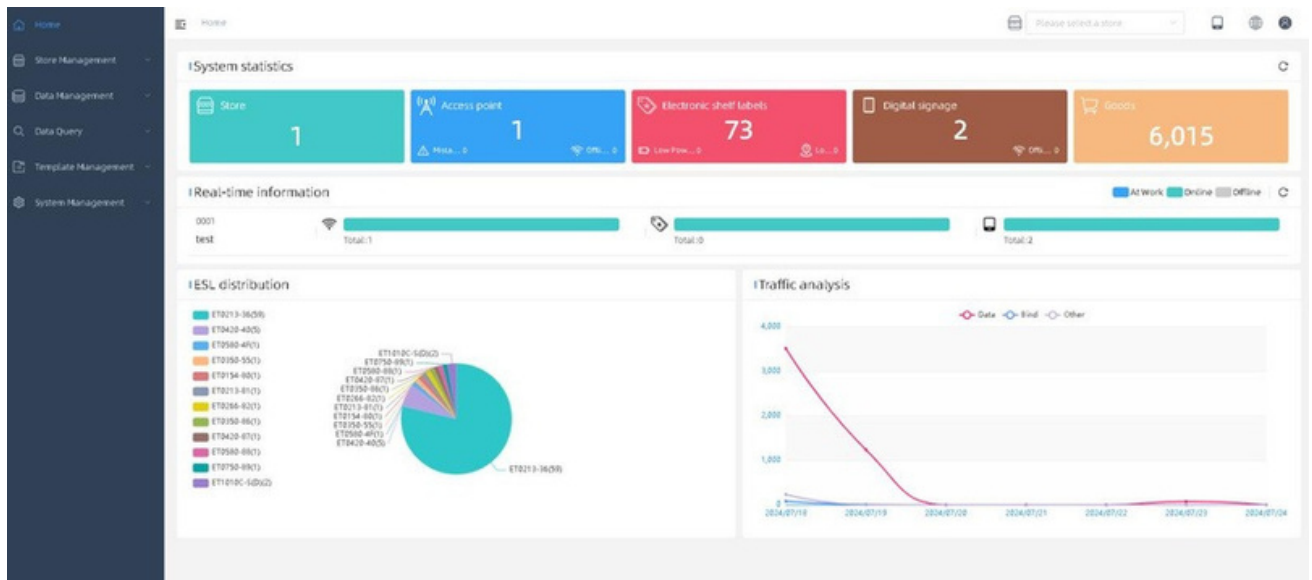
【SystemManagement】: Usermanagement,permissionsetting,organizationalstructure,parameter setting, administrator tools, system configuration, system font management, application management.

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】: Displaysthebasicoverviewofshops,basestations,electronicpricetags,digital signage, and commodities within the price tag system;

【Real-timeinformation】: Displaythedistributionofthenumberofeachonlinestatusofthecurrent system base station, ESL, DSL, including online, offline, and work in progress status;

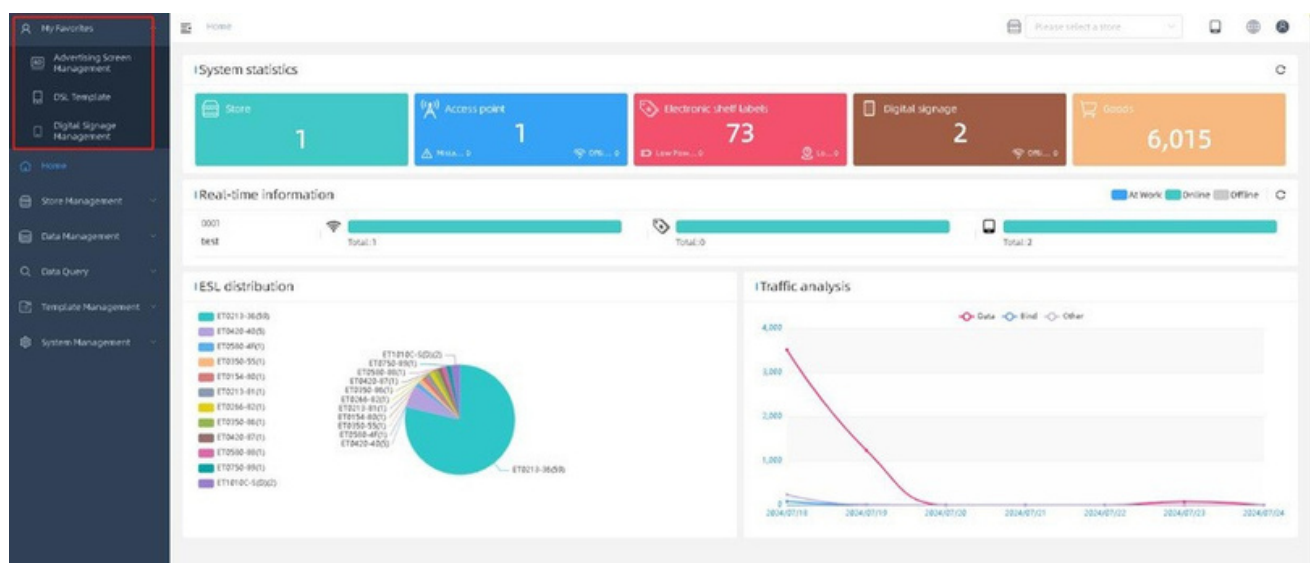
【Label Type Distribution】: Statistical chart showing the proportion of the total number of electronic price tags that have been deploed recently.

【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.



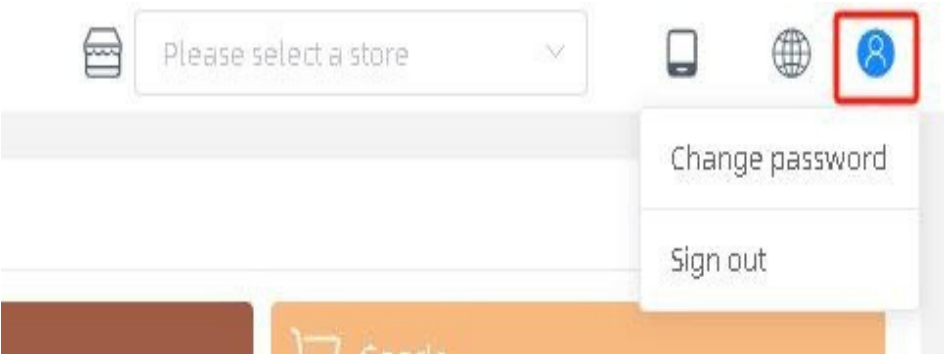
4. Systemlanguageswitch

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

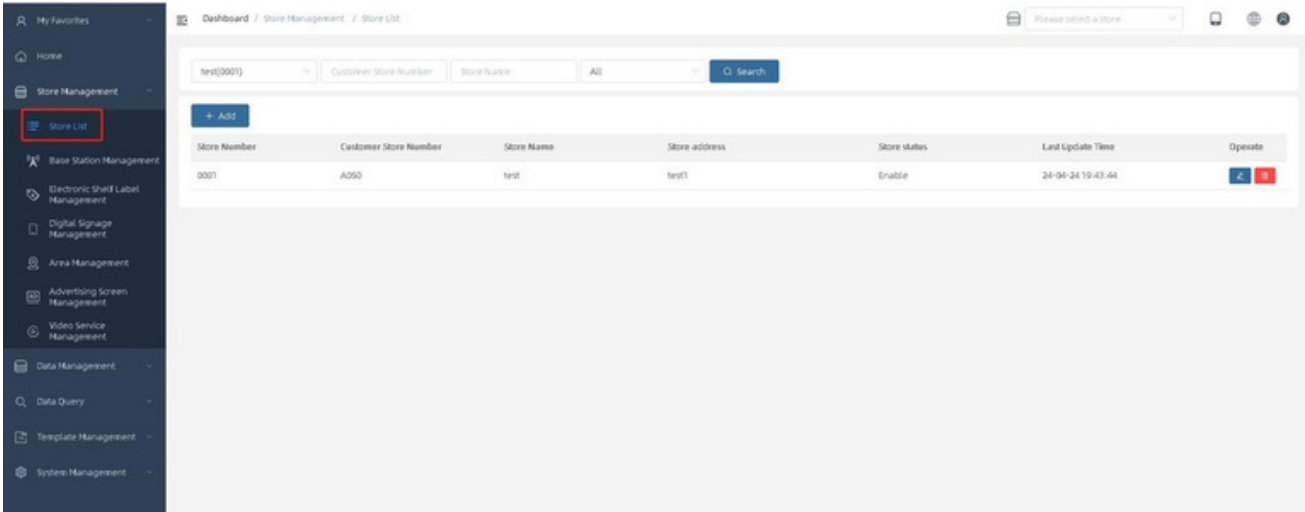
Click on the icon to change your password and log out of your current account.



5 Shop Management

5.1 Shop List

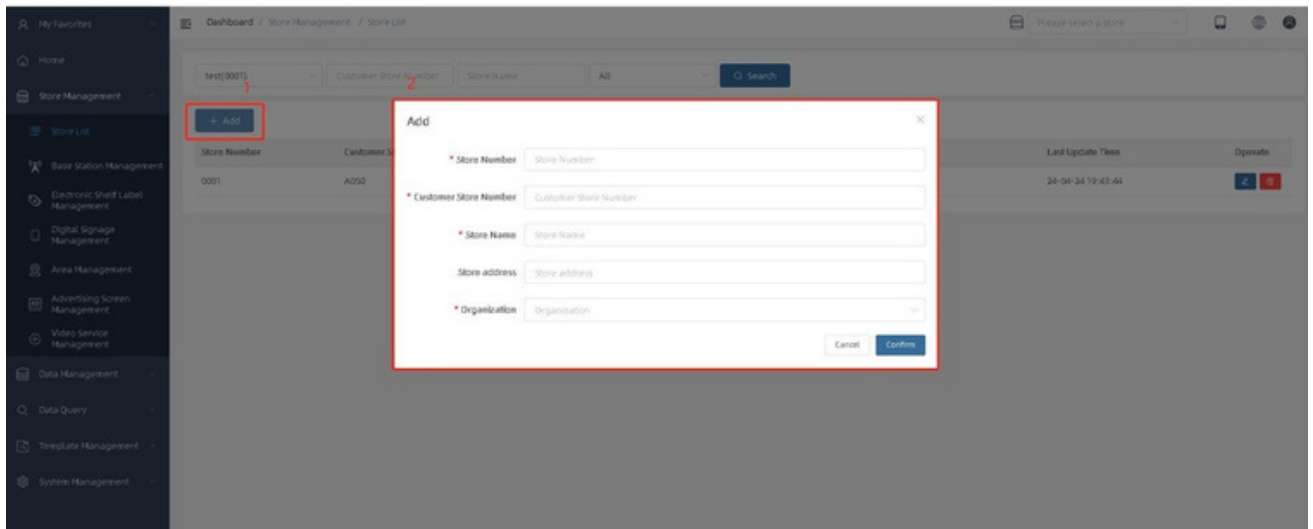
Shop list can view all the shop information in the system, you can add new system shops and existing shops to edit, delete, and query.



5.1.1 Additional Shop

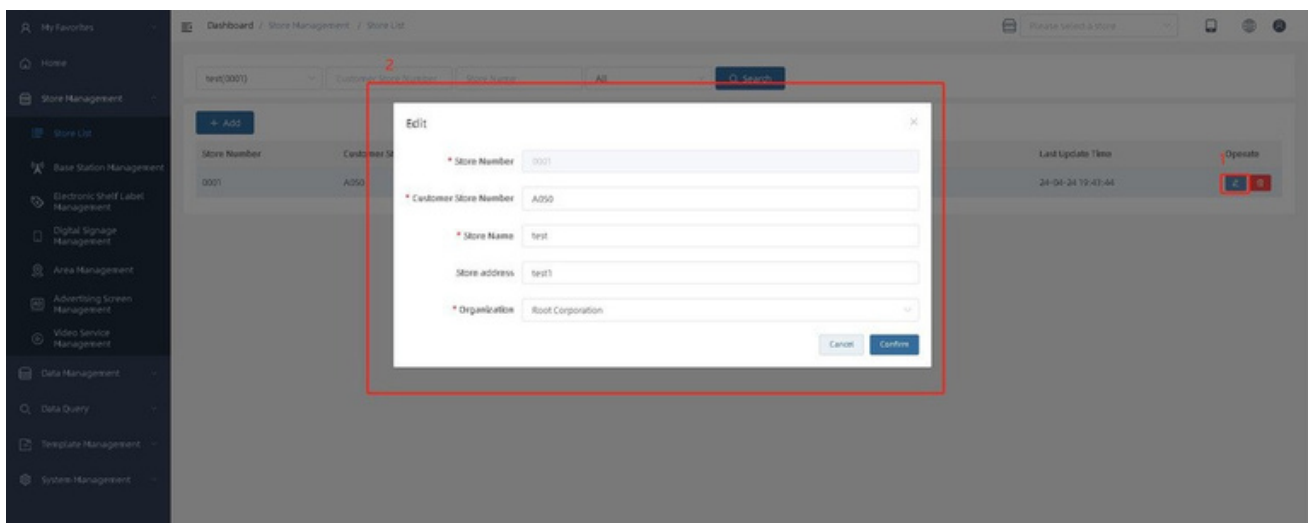
Click the Add button to add a new system shop, enter the shop number, customer shop number, shop name, and shop address, and select the organization to which it belongs (can be configured in the organizational structure) can be created successfully. Note: where with * is required.

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.



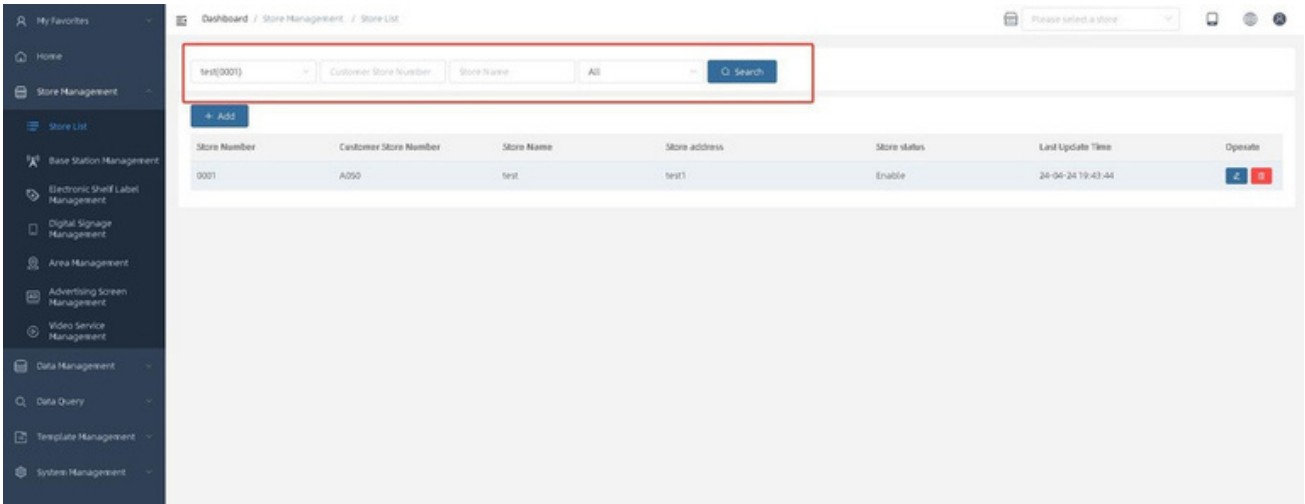
5.1.2 Edit Shop

Find the shoprowthat 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 motified.



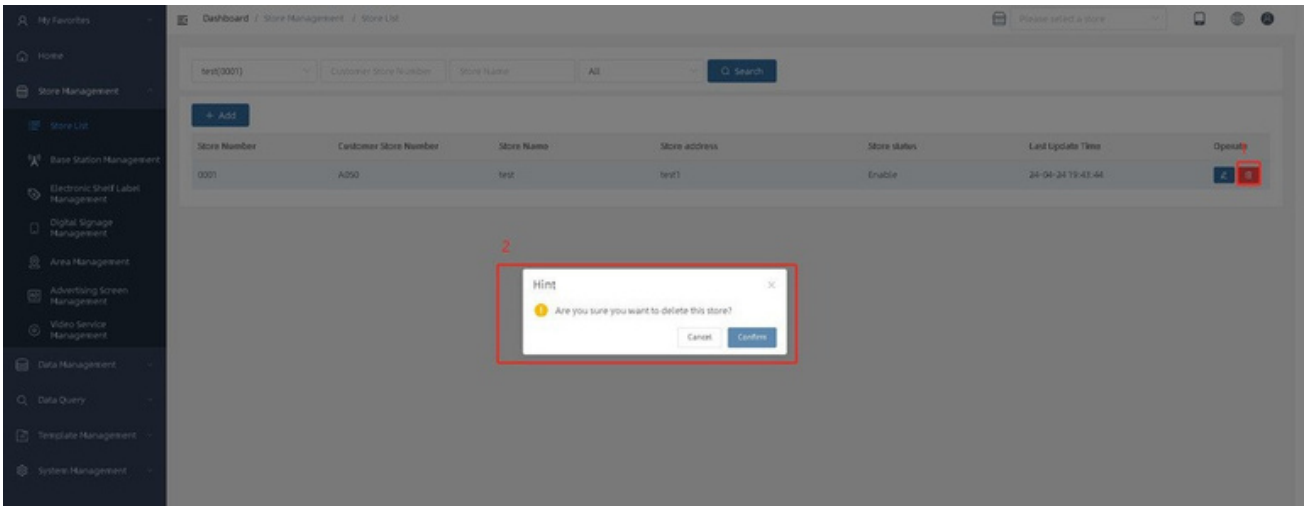
5.1.3 Search Shop

You canquicklyfindtheshop 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.

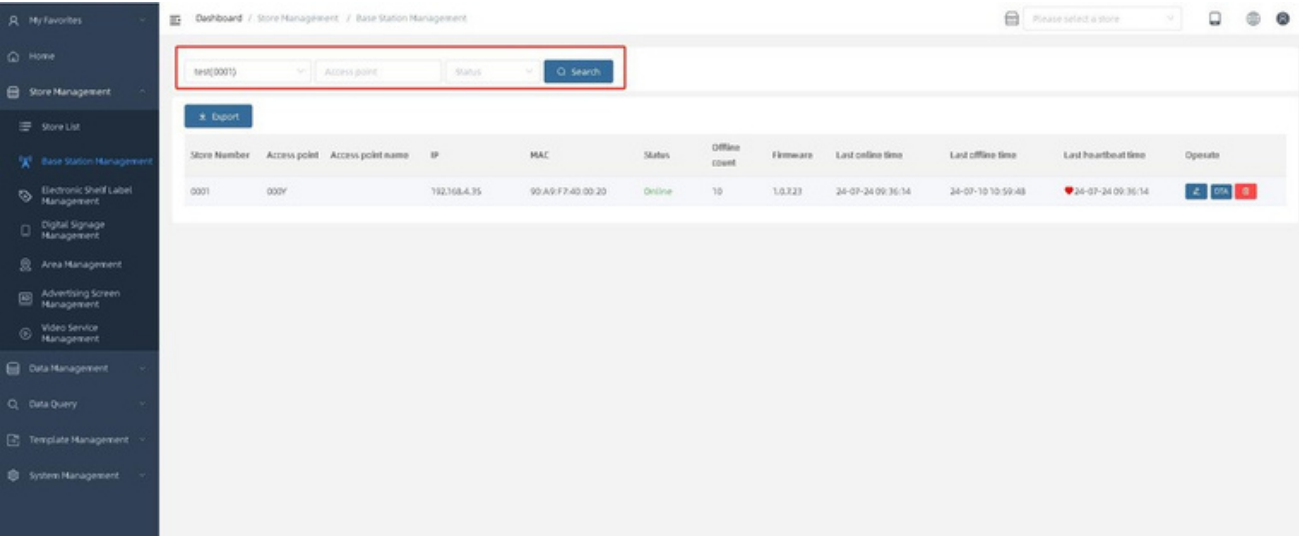


5.2 Base Station Management

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.

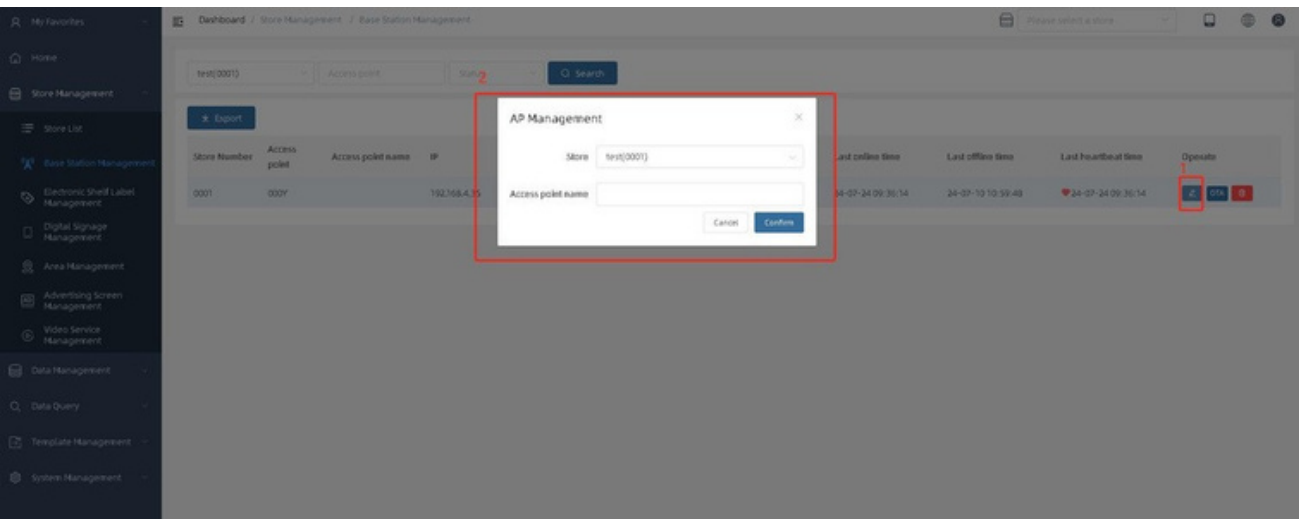
5.2.1 Query Base Station

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



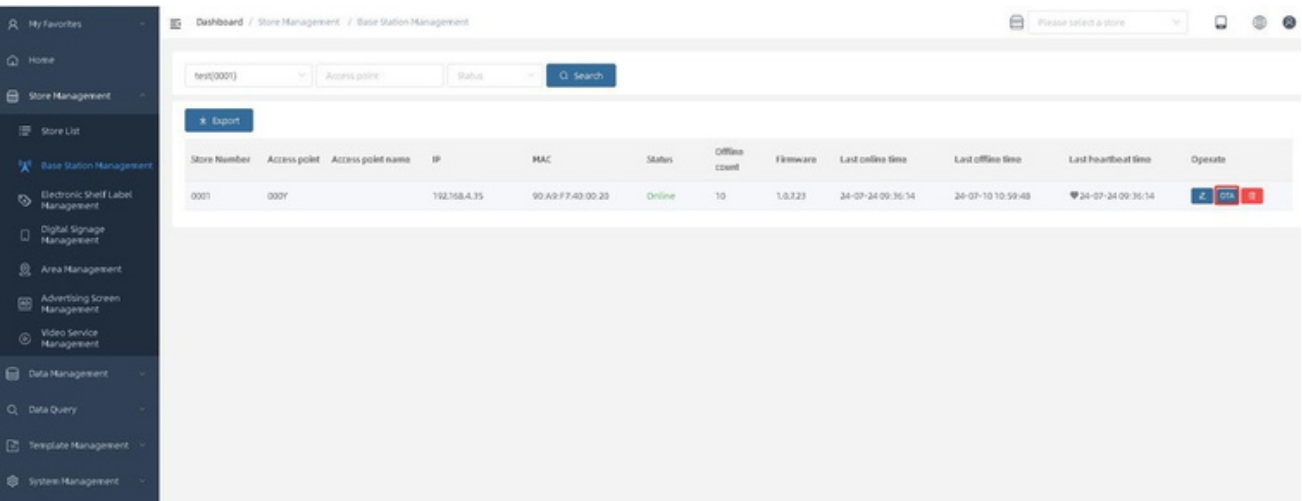
5.2.2 Edit Base Station

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



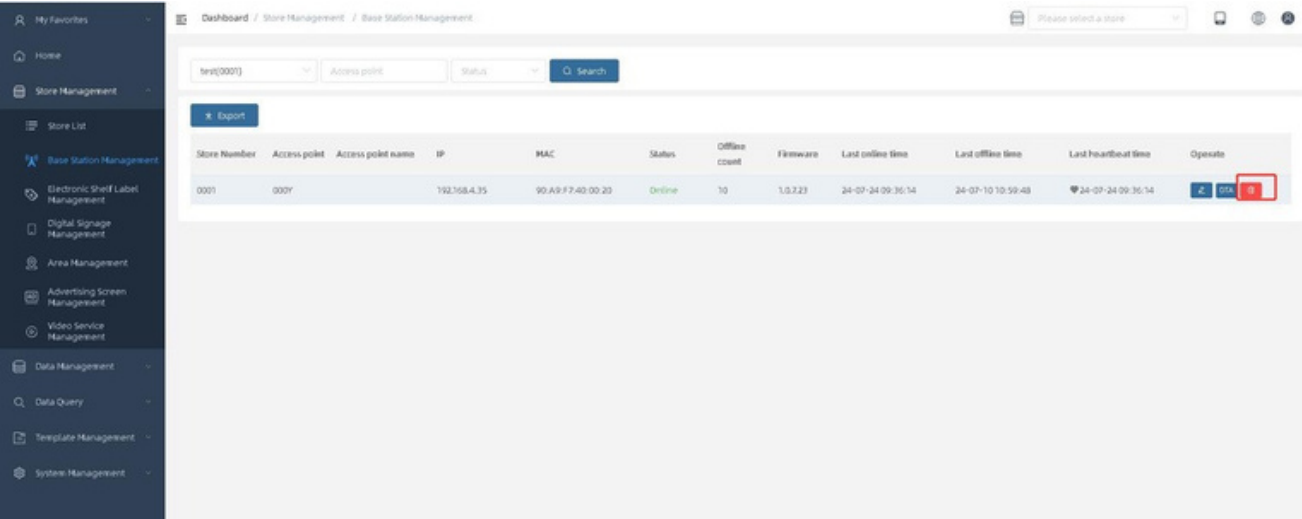
5.2.3 Base station OTA

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.



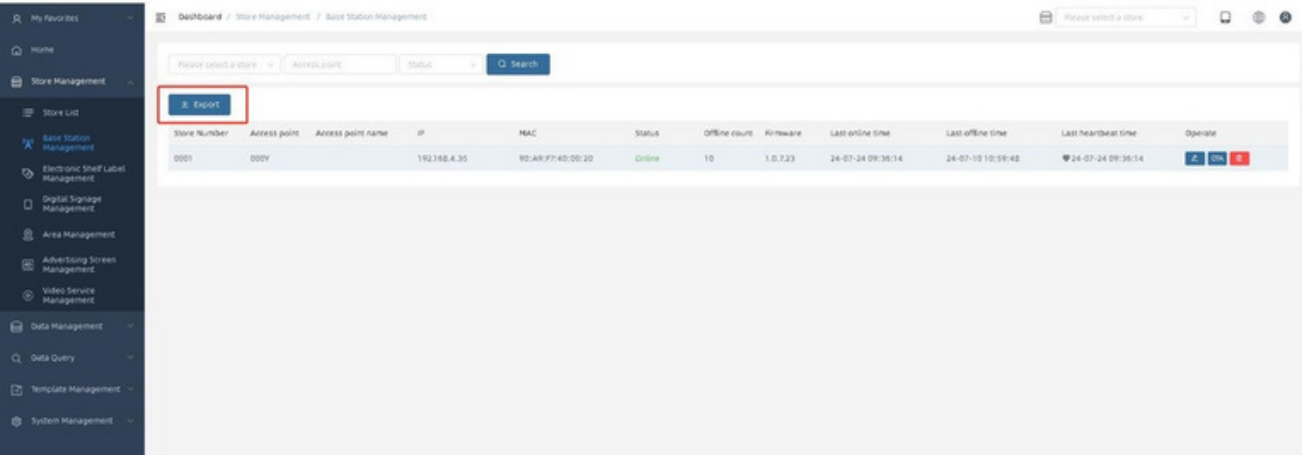
5.2.4 Delete base station

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

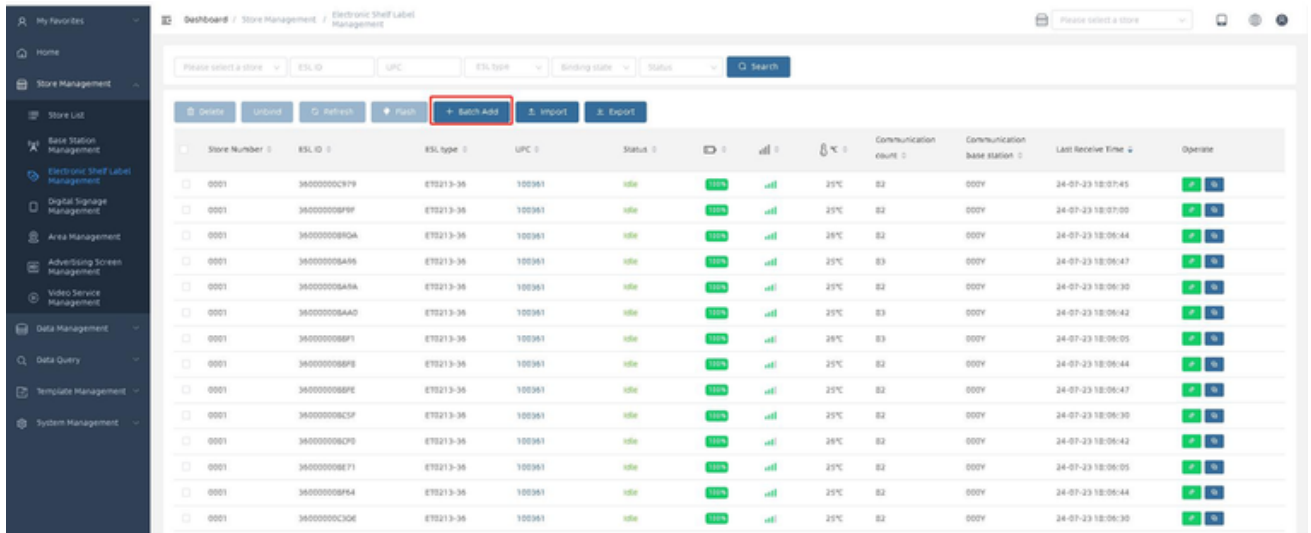
Click the Export button to export all the base station information under the current filter conditions.



5.3 Electronic price tag Management

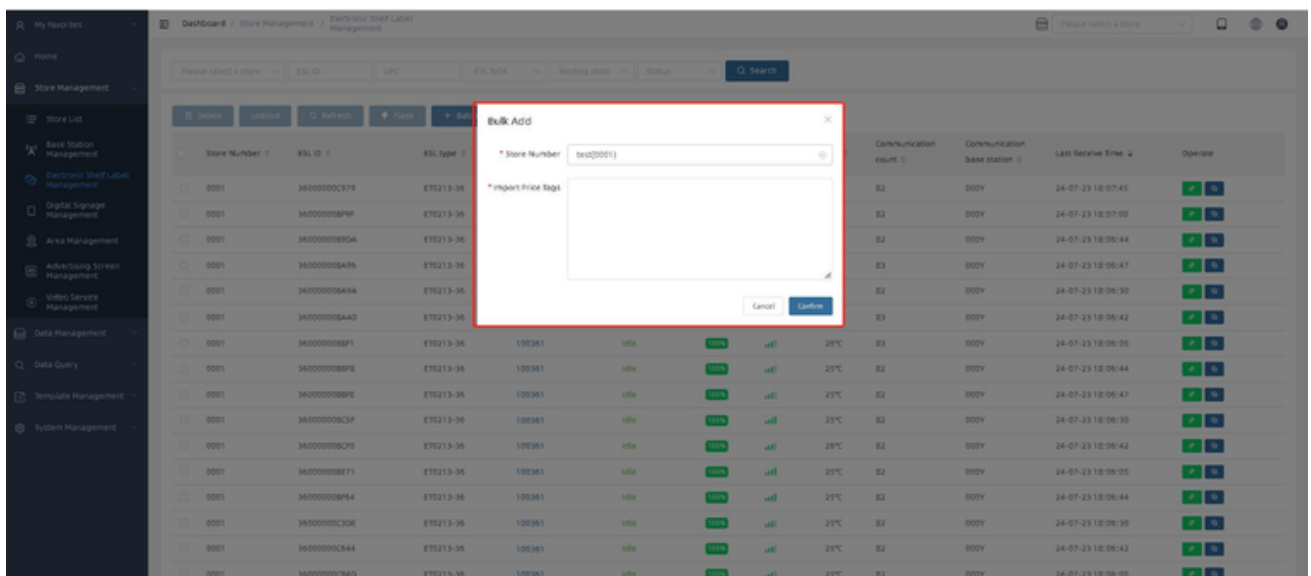
5.3.1 Add price tag

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



The screenshot shows the 'Electronic Shelf Label Management' dashboard. A sidebar on the left contains navigation links. The main area has a search bar and a table of price tags. The 'Batch Add' button is highlighted with a red box.

Store Number	ESL ID	ESL type	UPC	Status	Temperature	Humidity	Communication count	Communication base station	Last Receive Time	Operate
0001	36000000C979	ET0213-36	100361	Idle	25°C	55%	82	000Y	24-07-23 18:07:45	[Green] [Blue]
0001	36000000B98F	ET0213-36	100361	Idle	25°C	55%	82	000Y	24-07-23 18:07:00	[Green] [Blue]
0001	36000000B9GA	ET0213-36	100361	Idle	26°C	55%	82	000Y	24-07-23 18:06:44	[Green] [Blue]
0001	36000000B9A6	ET0213-36	100361	Idle	25°C	55%	83	000Y	24-07-23 18:06:47	[Green] [Blue]
0001	36000000B9AA	ET0213-36	100361	Idle	25°C	55%	82	000Y	24-07-23 18:06:30	[Green] [Blue]
0001	36000000B9P1	ET0213-36	100361	Idle	25°C	55%	83	000Y	24-07-23 18:06:42	[Green] [Blue]
0001	36000000B9P8	ET0213-36	100361	Idle	25°C	55%	82	000Y	24-07-23 18:06:44	[Green] [Blue]
0001	36000000B9PE	ET0213-36	100361	Idle	25°C	55%	82	000Y	24-07-23 18:06:47	[Green] [Blue]
0001	36000000B9CF	ET0213-36	100361	Idle	25°C	55%	82	000Y	24-07-23 18:06:30	[Green] [Blue]
0001	36000000B9CF	ET0213-36	100361	Idle	25°C	55%	82	000Y	24-07-23 18:06:30	[Green] [Blue]
0001	36000000B9F1	ET0213-36	100361	Idle	25°C	55%	82	000Y	24-07-23 18:06:05	[Green] [Blue]
0001	36000000B9F4	ET0213-36	100361	Idle	25°C	55%	82	000Y	24-07-23 18:06:44	[Green] [Blue]
0001	36000000C906	ET0213-36	100361	Idle	25°C	55%	82	000Y	24-07-23 18:06:30	[Green] [Blue]



The screenshot shows the 'Bulk Add' dialog box. It has a 'Store Number' field with '0001' entered. Below it is a text area for 'Import Price Tags'. The dialog has 'Cancel' and 'Confirm' buttons.

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.

Dashboard / Store Management / Electronic Shelf Label Management

Please select a store: [Dropdown] ESL ID: [Input] UPC: [Input] ESL type: [Dropdown] Binding date: [Dropdown] Status: [Dropdown] [Search]

Buttons: [Delete] [Upload] [Refresh] [Flush] [Batch Add] [Import] [Export]

Store Number	ESL ID	ESL type	UPC	Status	Temperature	Signal	Battery	Communication count	Communication base station	Last Receive Time	Operate
0001	36000000C979	ET0213-36	100361	Idle	25°C	100%	Full	82	000Y	24-07-23 10:07:45	[Refresh] [Delete]
0001	36000000B98F	ET0213-36	100361	Idle	25°C	100%	Full	82	000Y	24-07-23 10:07:00	[Refresh] [Delete]
0001	36000000B9DA	ET0213-36	100361	Idle	25°C	100%	Full	82	000Y	24-07-23 10:06:44	[Refresh] [Delete]
0001	36000000BA96	ET0213-36	100361	Idle	25°C	100%	Full	83	000Y	24-07-23 10:06:47	[Refresh] [Delete]
0001	36000000BABA	ET0213-36	100361	Idle	25°C	100%	Full	82	000Y	24-07-23 10:06:30	[Refresh] [Delete]
0001	36000000BAA0	ET0213-36	100361	Idle	25°C	100%	Full	83	000Y	24-07-23 10:06:42	[Refresh] [Delete]
0001	36000000B8F1	ET0213-36	100361	Idle	26°C	100%	Full	83	000Y	24-07-23 10:06:05	[Refresh] [Delete]
0001	36000000B8F8	ET0213-36	100361	Idle	25°C	100%	Full	82	000Y	24-07-23 10:06:44	[Refresh] [Delete]
0001	36000000B8FE	ET0213-36	100361	Idle	25°C	100%	Full	82	000Y	24-07-23 10:06:47	[Refresh] [Delete]
0001	36000000B8CF	ET0213-36	100361	Idle	25°C	100%	Full	82	000Y	24-07-23 10:06:30	[Refresh] [Delete]
0001	36000000B8CF0	ET0213-36	100361	Idle	26°C	100%	Full	82	000Y	24-07-23 10:06:42	[Refresh] [Delete]
0001	36000000B871	ET0213-36	100361	Idle	25°C	100%	Full	82	000Y	24-07-23 10:06:05	[Refresh] [Delete]
0001	36000000B964	ET0213-36	100361	Idle	25°C	100%	Full	82	000Y	24-07-23 10:06:44	[Refresh] [Delete]
0001	36000000C306	ET0213-36	100361	Idle	25°C	100%	Full	82	000Y	24-07-23 10:06:30	[Refresh] [Delete]
0001	36000000C844	ET0213-36	100361	Idle	25°C	100%	Full	82	000Y	24-07-23 10:06:42	[Refresh] [Delete]
0001	36000000C340	ET0213-36	100361	Idle	25°C	100%	Full	82	000Y	24-07-23 10:06:05	[Refresh] [Delete]

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.

Dashboard / Store Management / Electronic Shelf Label Management

Please select a store: [Dropdown] ESL ID: [Input] UPC: [Input] ESL type: [Dropdown] Binding date: [Dropdown] Status: [Dropdown] [Search]

Buttons: [Delete] [Upload] [Refresh] [Flush] [Batch Add] [Import] [Export]

Store Number	ESL ID	ESL type	UPC	Status	Temperature	Signal	Battery	Communication count	Communication base station	Last Receive Time	Operate
0001	36000000C979	ET0213-36	100361	Idle	25°C	100%	Full	82	000Y	24-07-23 10:07:45	[Refresh] [Delete]
0001	36000000B98F	ET0213-36	100361	Idle	25°C	100%	Full	82	000Y	24-07-23 10:07:00	[Refresh] [Delete]
0001	36000000B9DA	ET0213-36	100361	Idle	25°C	100%	Full	82	000Y	24-07-23 10:06:44	[Refresh] [Delete]
0001	36000000BA96	ET0213-36	100361	Idle	25°C	100%	Full	83	000Y	24-07-23 10:06:47	[Refresh] [Delete]
0001	36000000BABA	ET0213-36	100361	Idle	25°C	100%	Full	82	000Y	24-07-23 10:06:30	[Refresh] [Delete]
0001	36000000BAA0	ET0213-36	100361	Idle	25°C	100%	Full	83	000Y	24-07-23 10:06:42	[Refresh] [Delete]
0001	36000000B8F1	ET0213-36	100361	Idle	26°C	100%	Full	83	000Y	24-07-23 10:06:05	[Refresh] [Delete]
0001	36000000B8F8	ET0213-36	100361	Idle	25°C	100%	Full	82	000Y	24-07-23 10:06:44	[Refresh] [Delete]
0001	36000000B8FE	ET0213-36	100361	Idle	25°C	100%	Full	82	000Y	24-07-23 10:06:47	[Refresh] [Delete]
0001	36000000B8CF	ET0213-36	100361	Idle	25°C	100%	Full	82	000Y	24-07-23 10:06:30	[Refresh] [Delete]
0001	36000000B8CF0	ET0213-36	100361	Idle	26°C	100%	Full	82	000Y	24-07-23 10:06:42	[Refresh] [Delete]
0001	36000000B871	ET0213-36	100361	Idle	25°C	100%	Full	82	000Y	24-07-23 10:06:05	[Refresh] [Delete]
0001	36000000B964	ET0213-36	100361	Idle	25°C	100%	Full	82	000Y	24-07-23 10:06:44	[Refresh] [Delete]
0001	36000000C306	ET0213-36	100361	Idle	25°C	100%	Full	82	000Y	24-07-23 10:06:30	[Refresh] [Delete]
0001	36000000C844	ET0213-36	100361	Idle	25°C	100%	Full	82	000Y	24-07-23 10:06:42	[Refresh] [Delete]
0001	36000000C340	ET0213-36	100361	Idle	25°C	100%	Full	82	000Y	24-07-23 10:06:05	[Refresh] [Delete]

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.

My Favorites

Home

Store Management

Store List

Base Station Management

Electronic Shelf Label Management

Digital Signage Management

Area Management

Advertising Screen Management

Video Service Management

Delta Management

Delta Query

Template Management

System Management

Dashboard / Store Management / Electronic Shelf Label Management

Please select a store ESL ID UPC ESL type Binding state Status Search

Details

Unbind

Refresh

Flash

Batch Add

Import

Export

	Store Number	ESL ID	ESL type	UPC	Status				Communication base station	Communication base station	Last Receive Time	Operate
☒	0001	36000000C979	ET0213-36	100361	idle			25°C	82	000Y	24-07-23 10:07:45	
☒	0001	36000000B9F9	ET0213-36	100361	idle			25°C	82	000Y	24-07-23 10:07:00	
☒	0001	36000000B9DA	ET0213-36	100361	idle			25°C	82	000Y	24-07-23 10:06:44	
☒	0001	36000000BA95	ET0213-36	100361	idle			25°C	83	000Y	24-07-23 10:06:47	
☒	0001	36000000BAA9A	ET0213-36	100361	idle			25°C	82	000Y	24-07-23 10:06:30	
☒	0001	36000000BAA0	ET0213-36	100361	idle			25°C	83	000Y	24-07-23 10:06:42	
☒	0001	36000000B8F1	ET0213-36	100361	idle			26°C	83	000Y	24-07-23 10:06:05	
☒	0001	36000000B8F8	ET0213-36	100361	idle			25°C	82	000Y	24-07-23 10:06:44	
☒	0001	36000000B8F0	ET0213-36	100361	idle			25°C	82	000Y	24-07-23 10:06:47	
☒	0001	36000000B8CF	ET0213-36	100361	idle			25°C	82	000Y	24-07-23 10:06:30	
☒	0001	36000000B8CF0	ET0213-36	100361	idle			26°C	82	000Y	24-07-23 10:06:42	
☒	0001	36000000B871	ET0213-36	100361	idle			25°C	82	000Y	24-07-23 10:06:05	
☒	0001	36000000B8F4	ET0213-36	100361	idle			25°C	82	000Y	24-07-23 10:06:44	
☒	0001	36000000C306	ET0213-36	100361	idle			25°C	82	000Y	24-07-23 10:06:30	
☒	0001	36000000C844	ET0213-36	100361	idle			25°C	82	000Y	24-07-23 10:06:42	
☒	0001	36000000C843	ET0213-36	100361	idle			25°C	82	000Y	24-07-23 10:06:05	
☒	0001	36000000C884	ET0213-36	100361	idle			25°C	82	000Y	24-07-23 10:06:44	
☒	0001	36000000C885	ET0213-36	100361	idle			26°C	83	000Y	24-07-23 10:06:27	

5.3.5 price tag flash

After ticking the price tag 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.

My Favorites

home

Store Management

Store List

Base Station Management

Electronic Shelf Label Management

Digital Signage Management

Area Management

Advertising Screen Management

Video Service Management

Data Management

Data Query

Template Management

System Management

Dashboard

Store Management

Electronic Shelf Label Management

Please select a store

ESL ID

UPC

ESL SN

Binding state

Status

Search

Delete

Unbind

Refresh

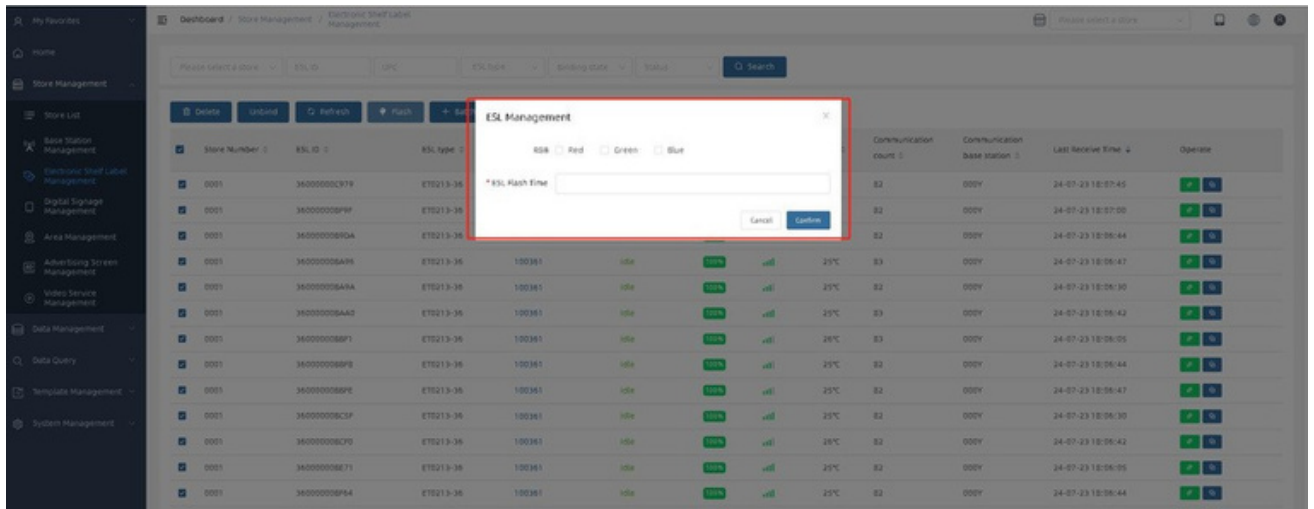
Flash

Batch Add

Import

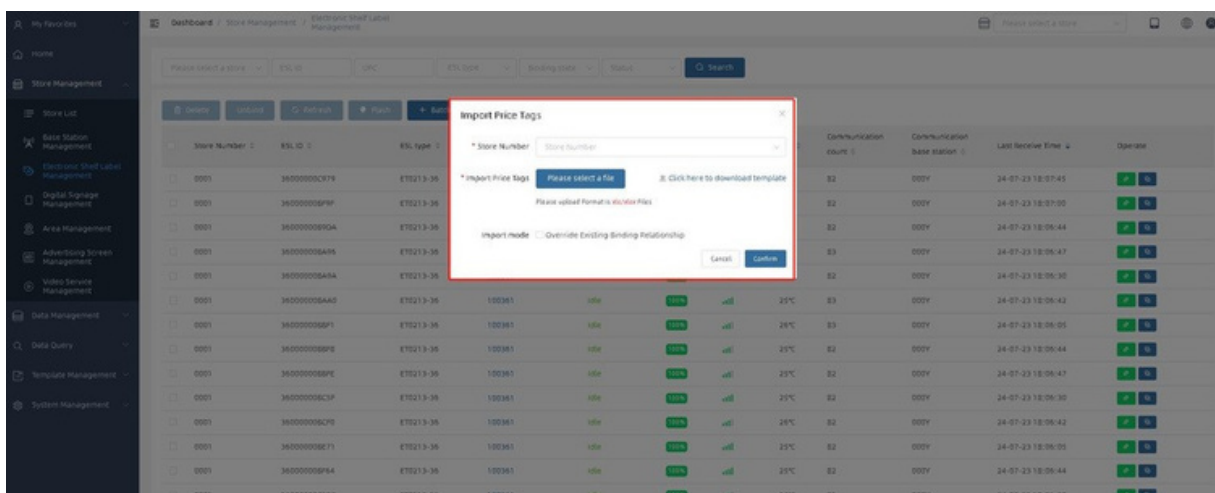
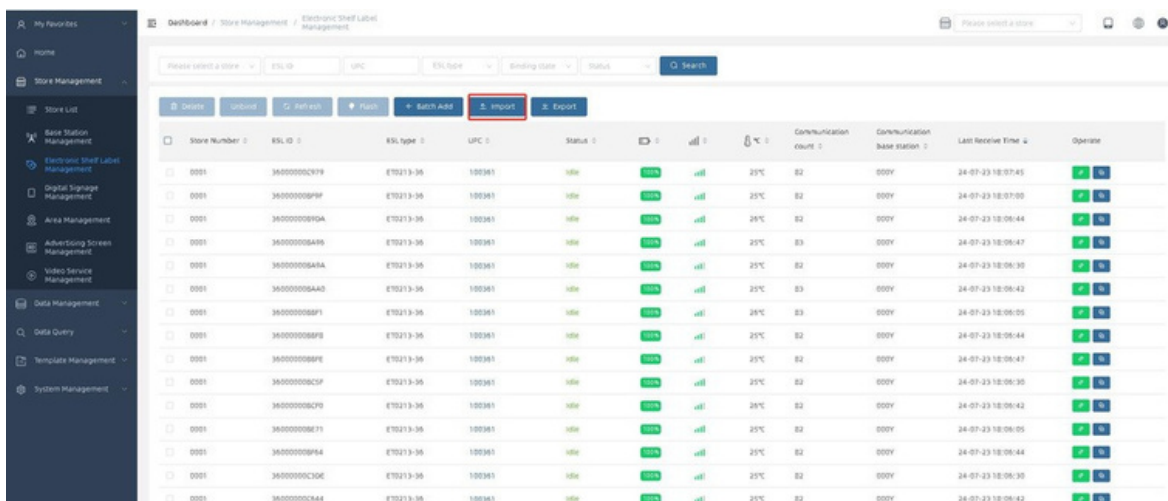
Export

	Store Number	ESL ID	ESL type	UPC	Status				Temperature	Humidity	Communication count	Communication base station	Last receive time	Operate
	0001	36000000C979	ET0213-36	100361	idle	100%	25°C	82	000Y		24-07-23 10:07:45			
	0001	36000000B9F9	ET0213-36	100361	idle	100%	25°C	82	000Y		24-07-23 10:07:00			
	0001	36000000B9DA	ET0213-36	100361	idle	100%	25°C	82	000Y		24-07-23 10:06:44			
	0001	36000000BA95	ET0213-36	100361	idle	100%	25°C	83	000Y		24-07-23 10:06:47			
	0001	36000000BA9A	ET0213-36	100361	idle	100%	25°C	82	000Y		24-07-23 10:06:30			
	0001	36000000BAA0	ET0213-36	100361	idle	100%	25°C	83	000Y		24-07-23 10:06:42			
	0001	36000000B8F1	ET0213-36	100361	idle	100%	26°C	83	000Y		24-07-23 10:06:05			
	0001	36000000B8F8	ET0213-36	100361	idle	100%	25°C	82	000Y		24-07-23 10:06:44			
	0001	36000000B8F0	ET0213-36	100361	idle	100%	25°C	82	000Y		24-07-23 10:06:47			
	0001	36000000B8CF	ET0213-36	100361	idle	100%	25°C	82	000Y		24-07-23 10:06:30			
	0001	36000000B8CF0	ET0213-36	100361	idle	100%	26°C	82	000Y		24-07-23 10:06:42			
	0001	36000000B871	ET0213-36	100361	idle	100%	25°C	82	000Y		24-07-23 10:06:05			
	0001	36000000B8F4	ET0213-36	100361	idle	100%	25°C	82	000Y		24-07-23 10:06:44			
	0001	36000000C306	ET0213-36	100361	idle	100%	25°C	82	000Y		24-07-23 10:06:30			
	0001	36000000C844	ET0213-36	100361	idle	100%	25°C	82	000Y		24-07-23 10:06:42			
	0001	36000000C843	ET0213-36	100361	idle	100%	25°C	82	000Y		24-07-23 10:06:05			

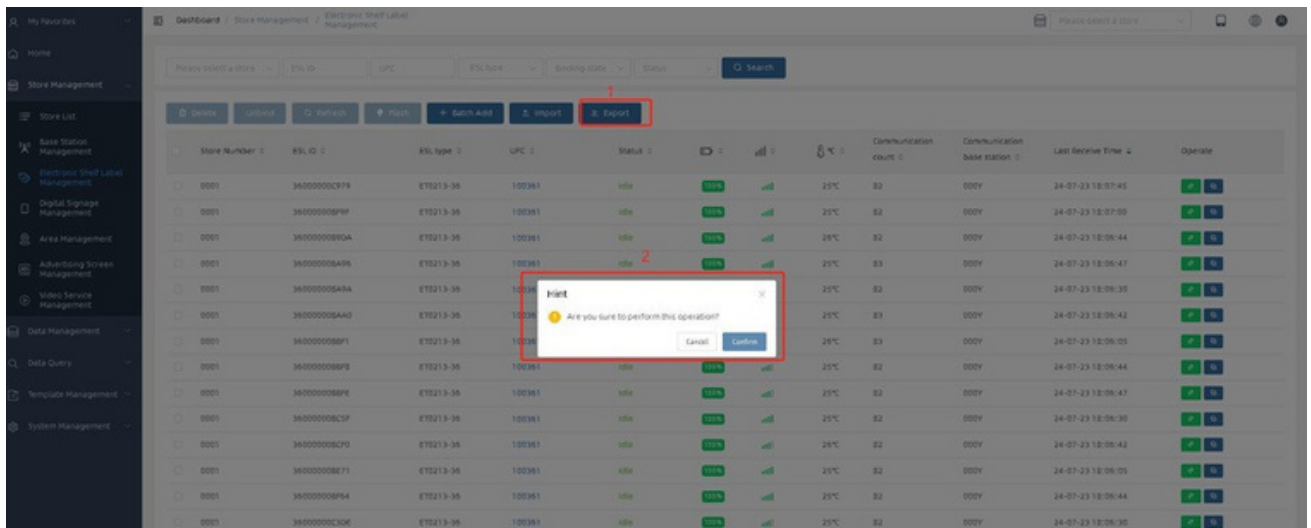


5.3.6 Price tag import and export

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.

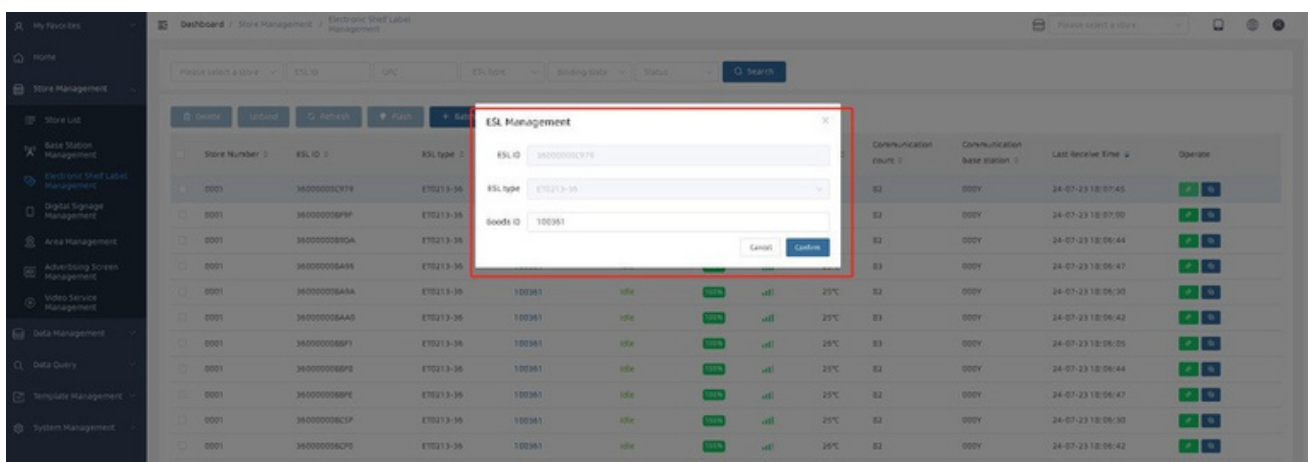
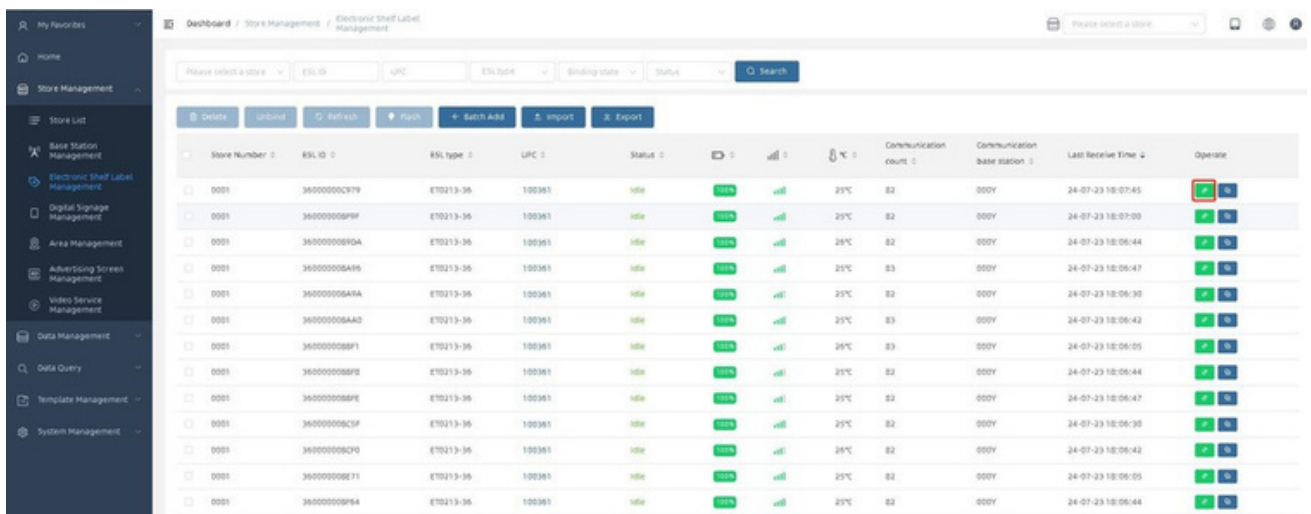


Click the Export button to export all price tag and price tag binding relationship data.



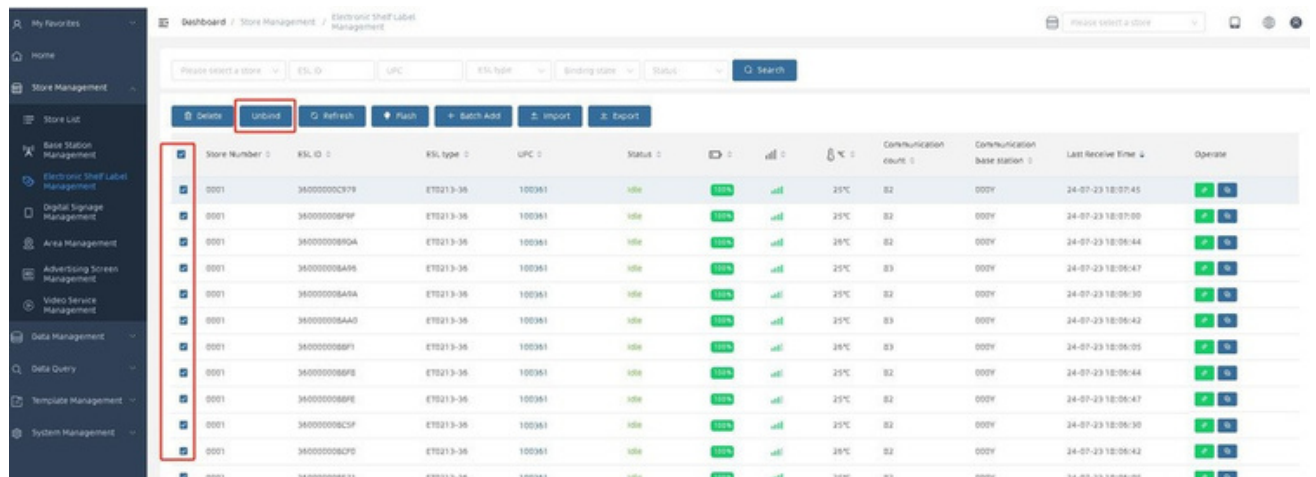
5.3.7 Product Binding and Unbinding

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.



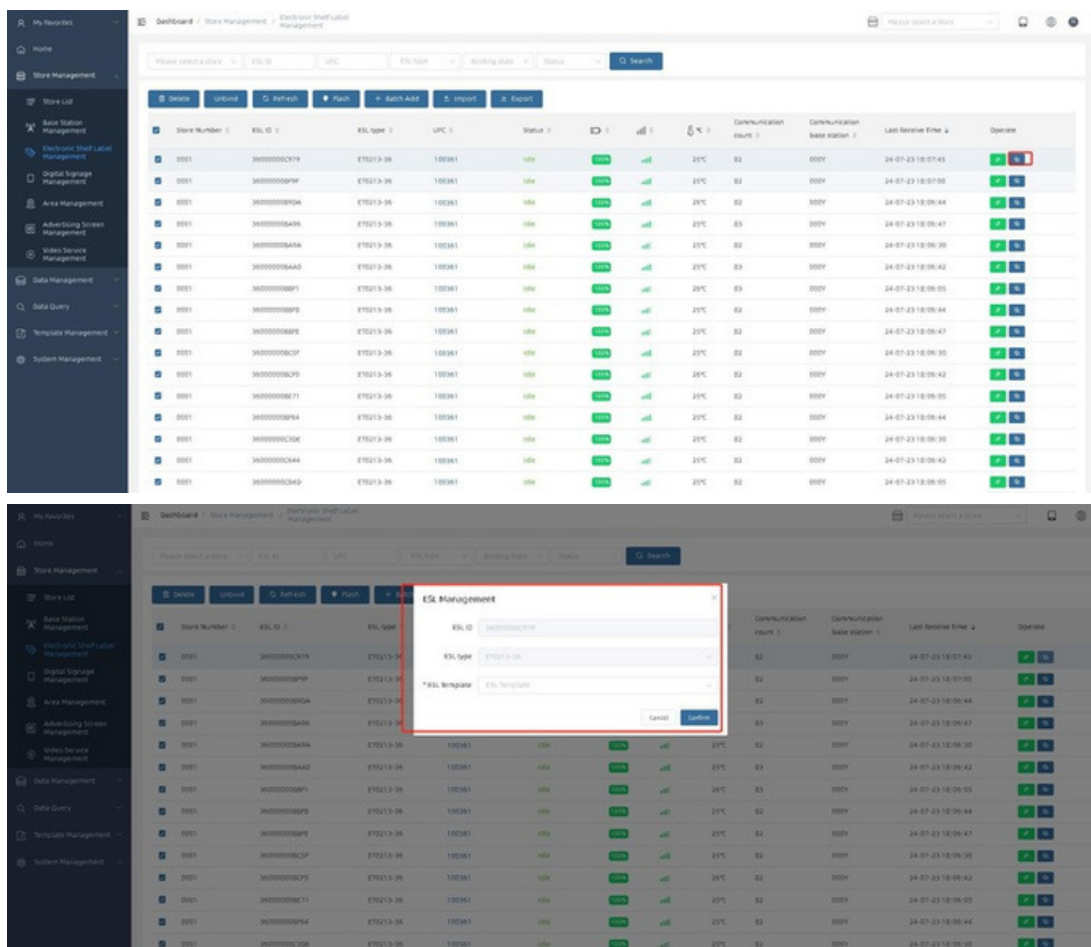
Limited Scope of Use

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.



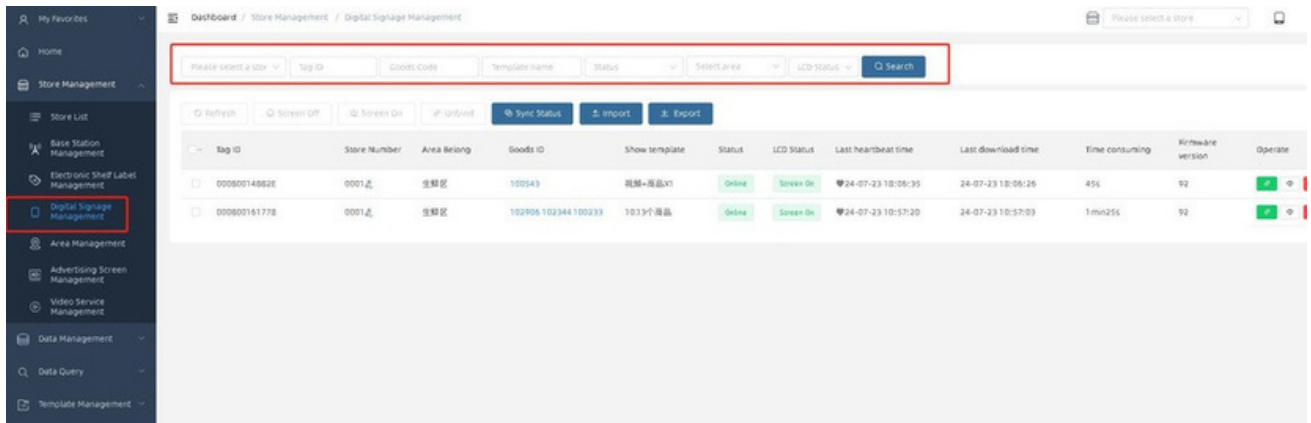
Limited Scope of Use

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.

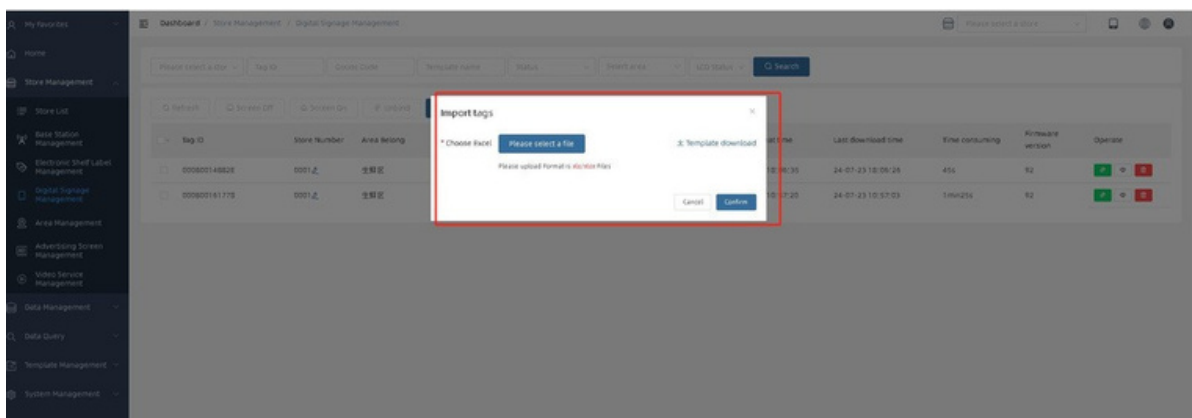
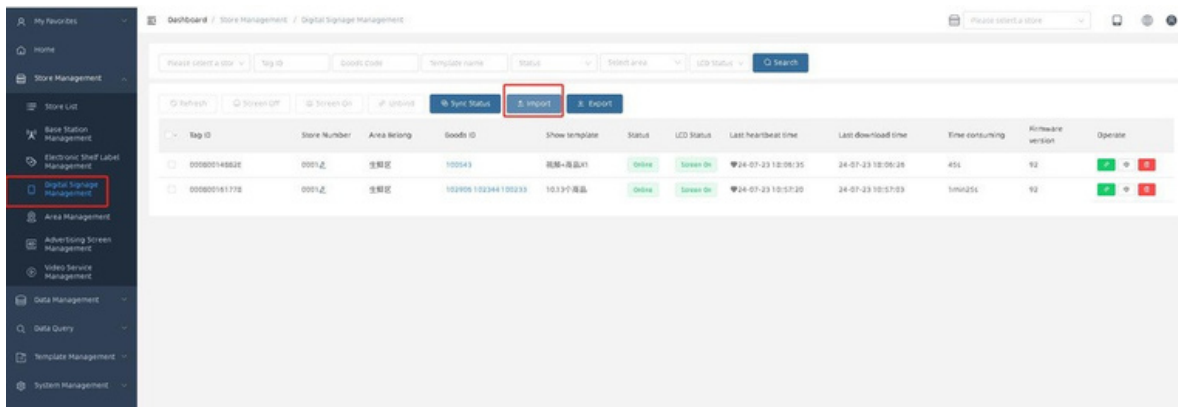
5.4.1 Check price tag

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.

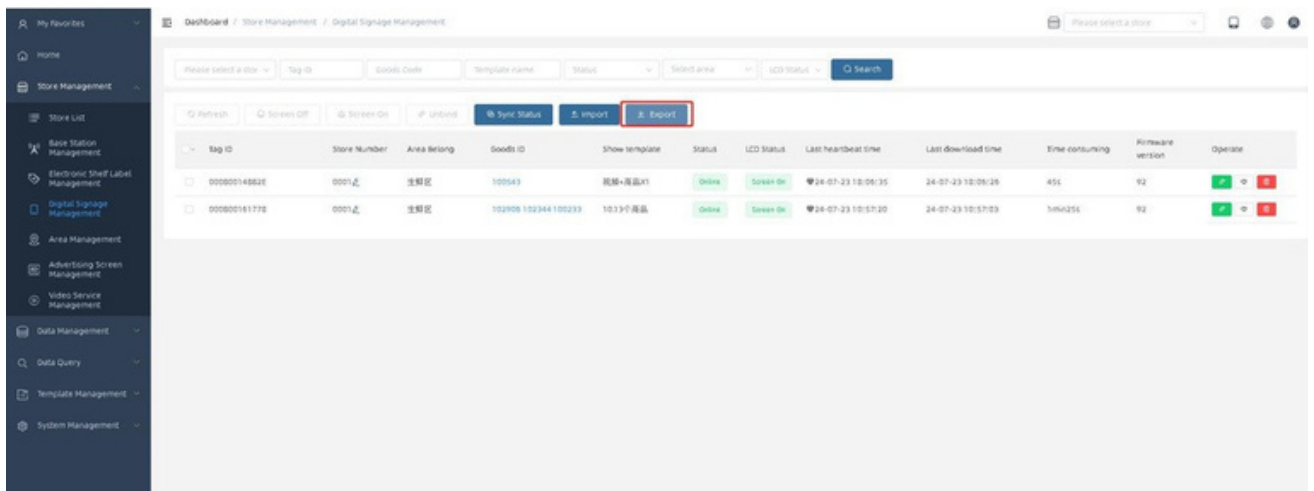


5.4.2 Import and export price tag

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

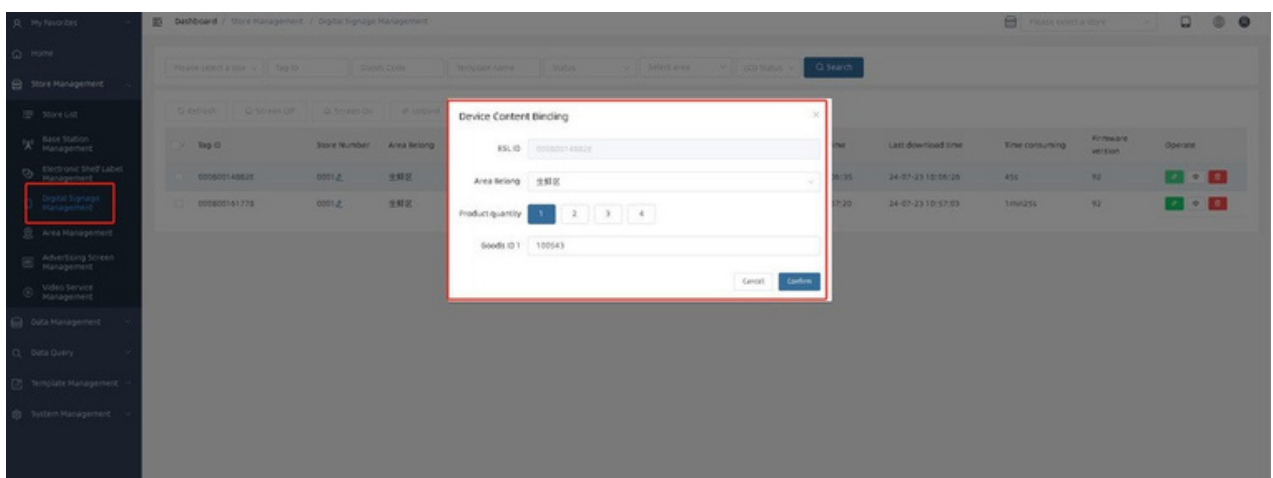
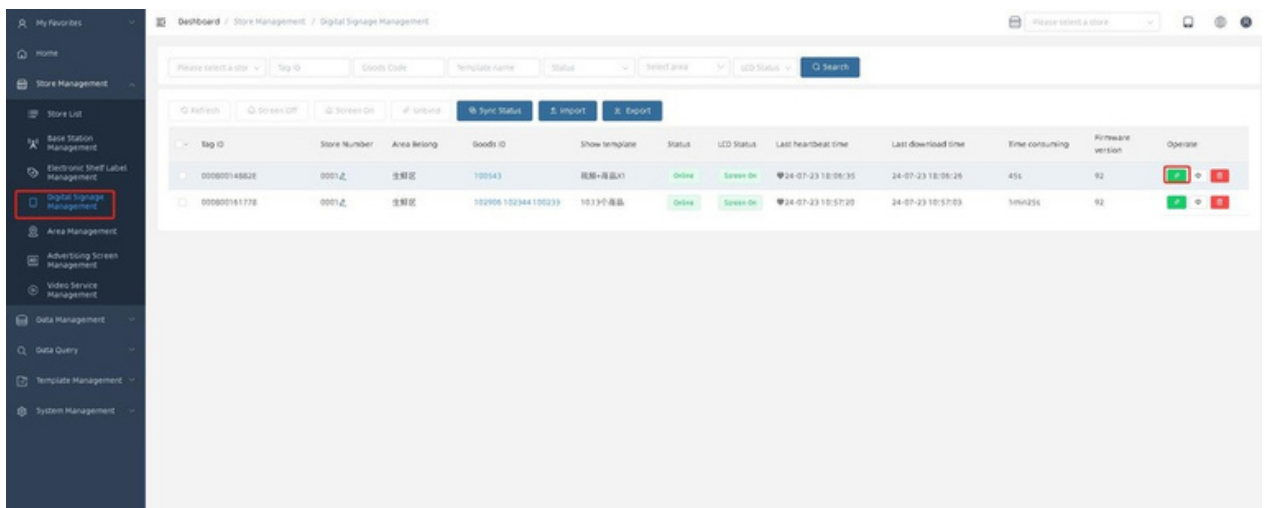


Click the initial button to export all the digital signage lists under the current filter.



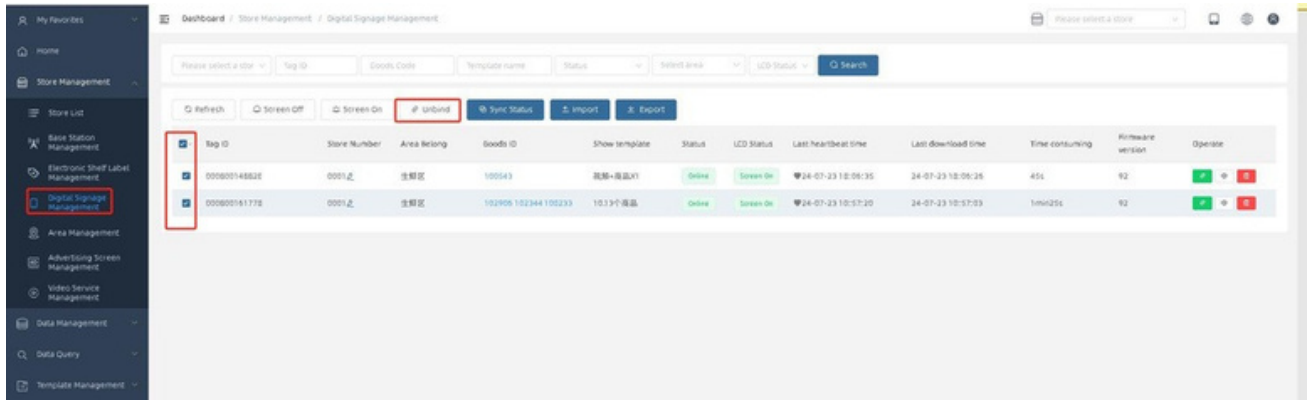
5.4.3 Product Bind and Unbind

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.



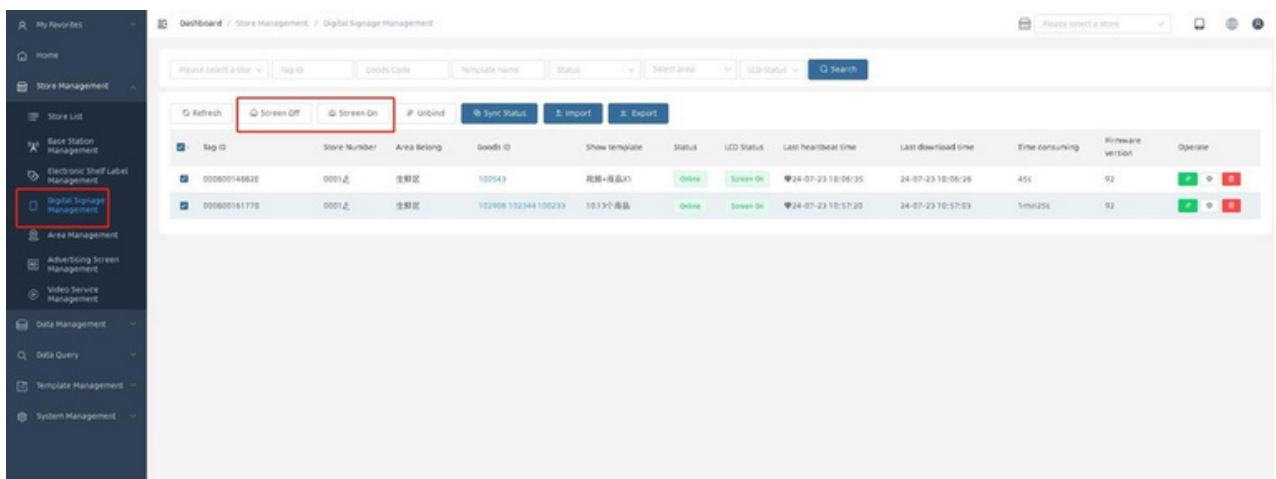
Limited Scope of Use

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



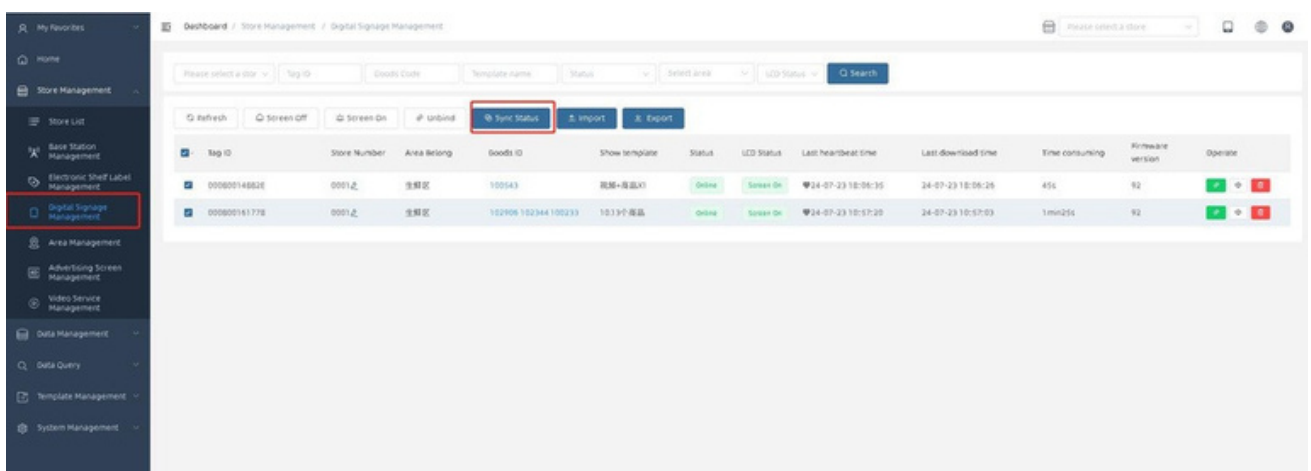
5.4.4 Screen on and screen off

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



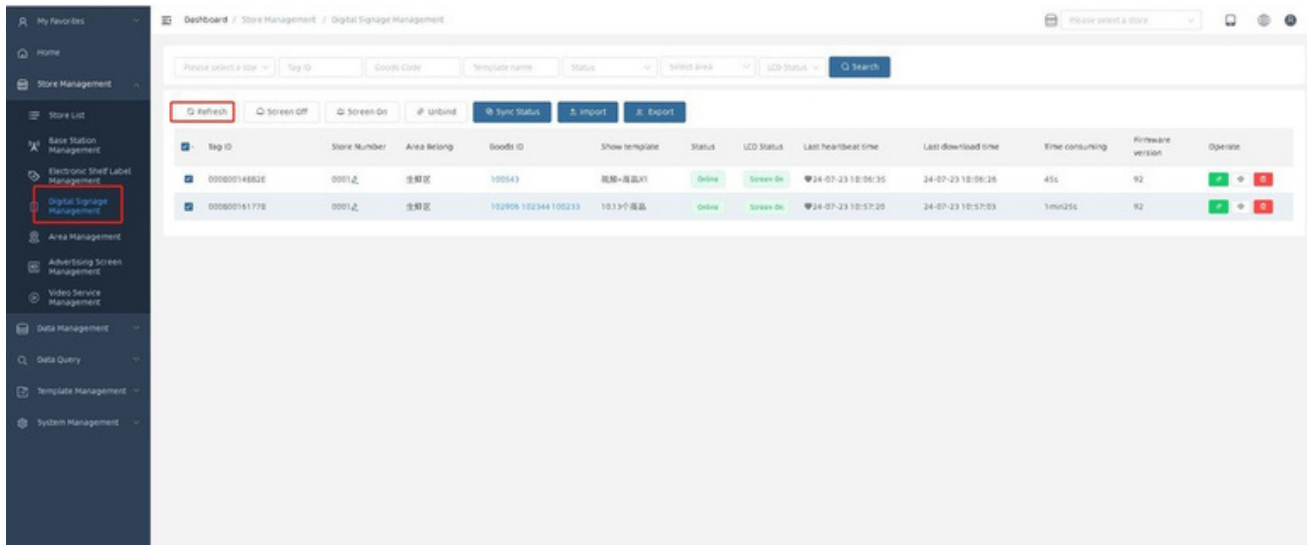
5.4.5 Synchronize device status

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



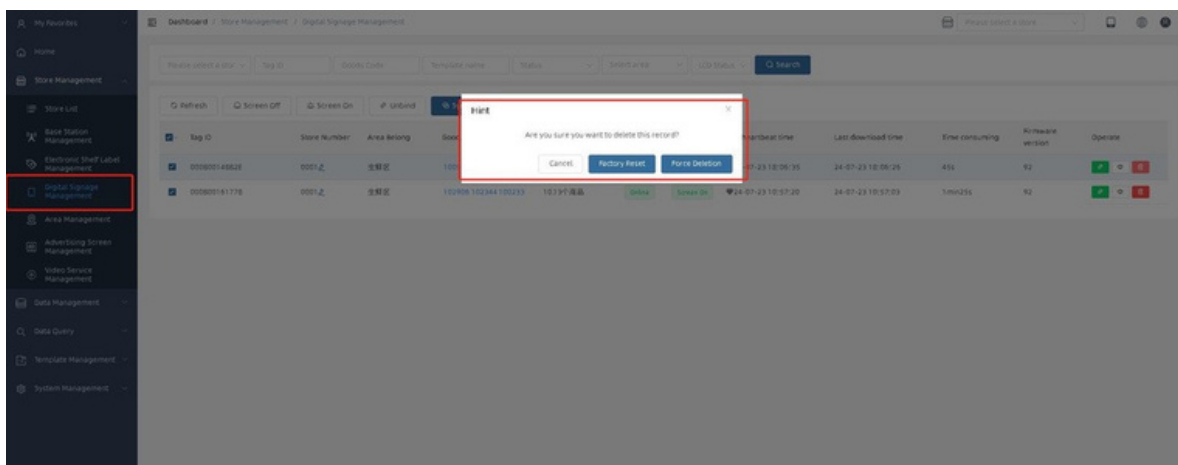
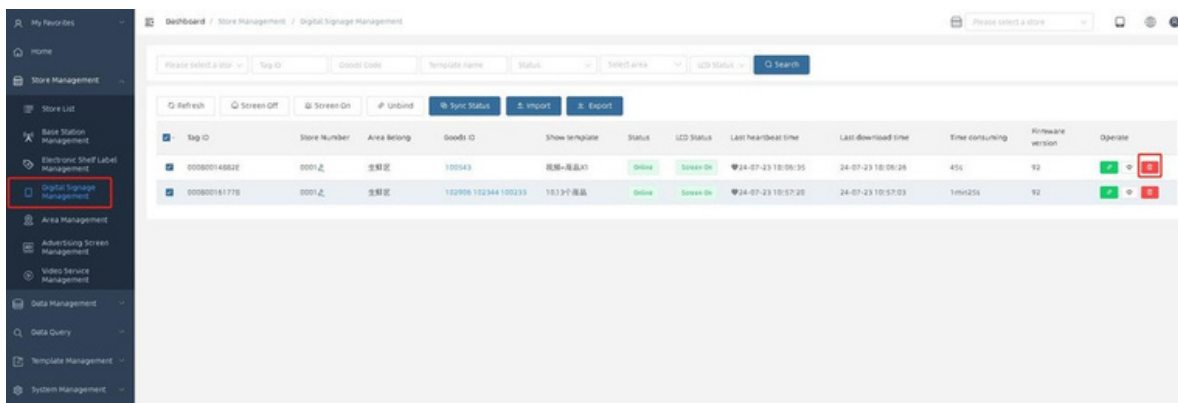
5.4.6 Refresh price tag

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



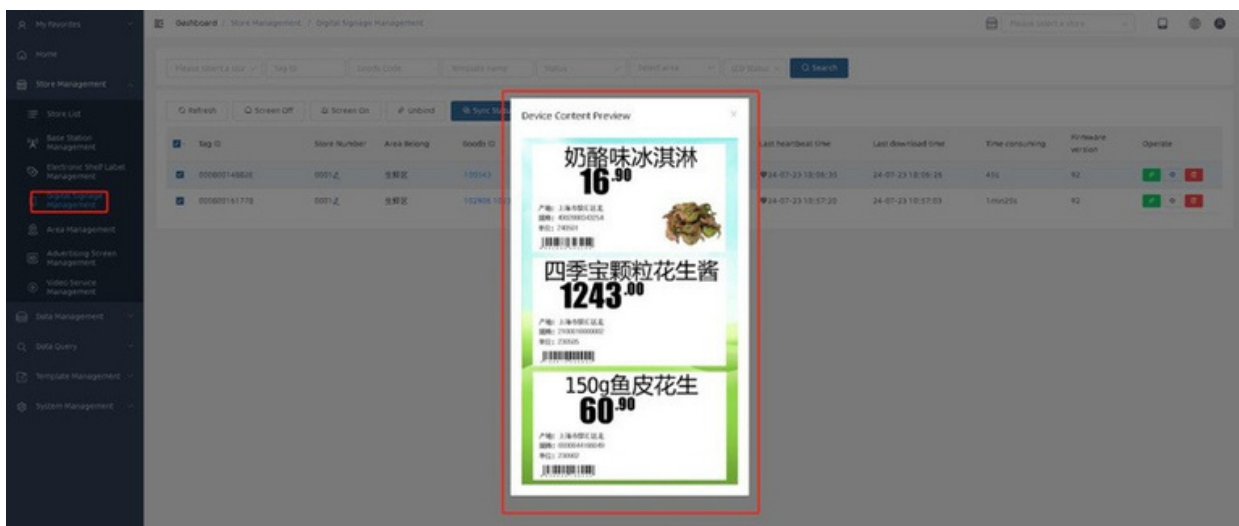
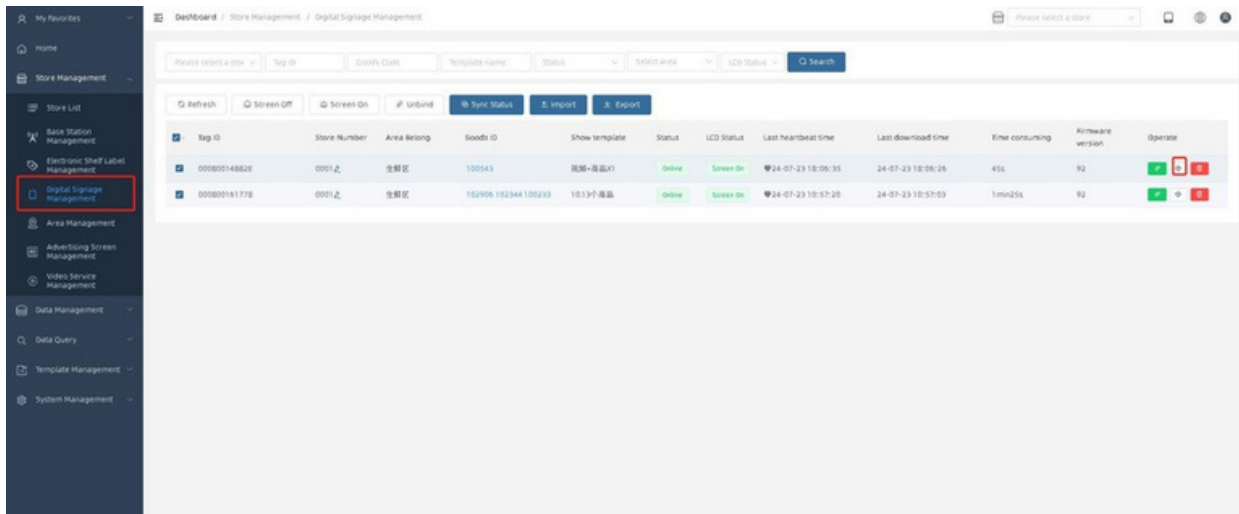
5.4.7 Delete price tag

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

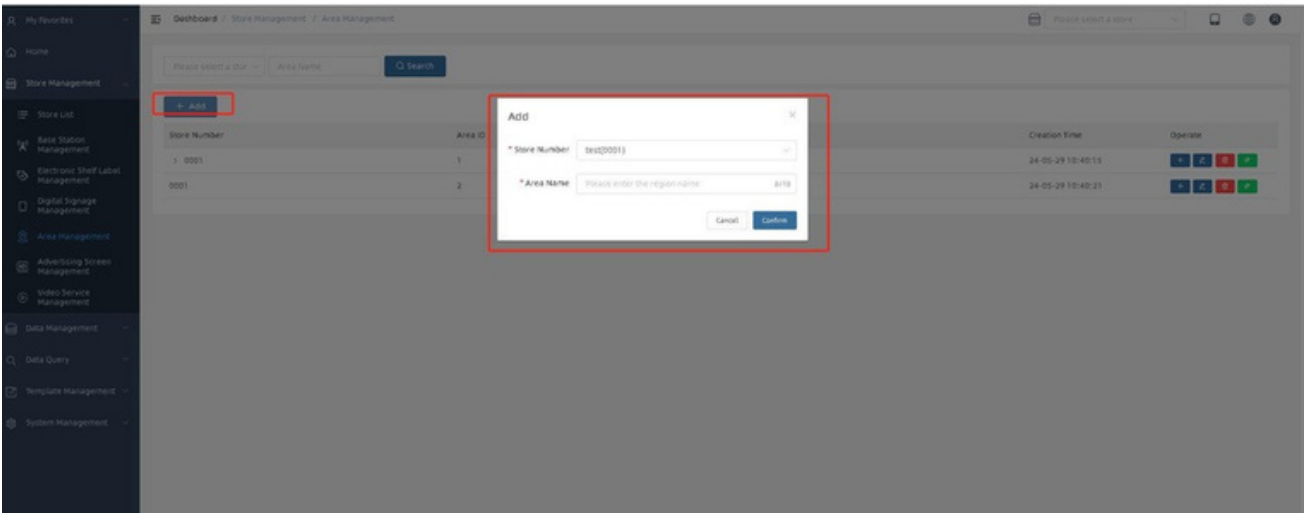
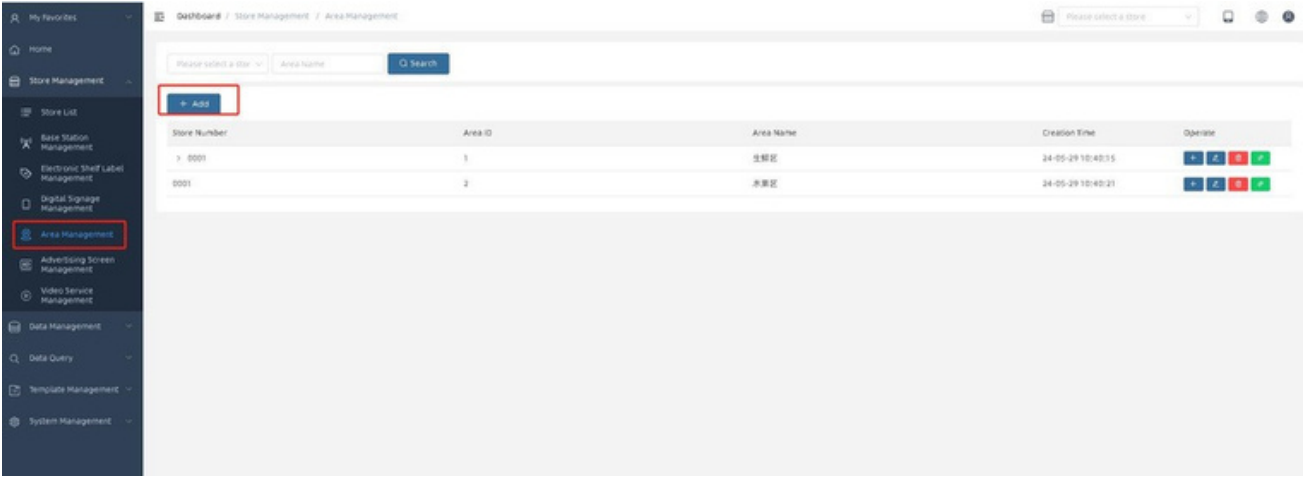
Click on the preview button corresponding to the price tag to preview the content displayed for that device.



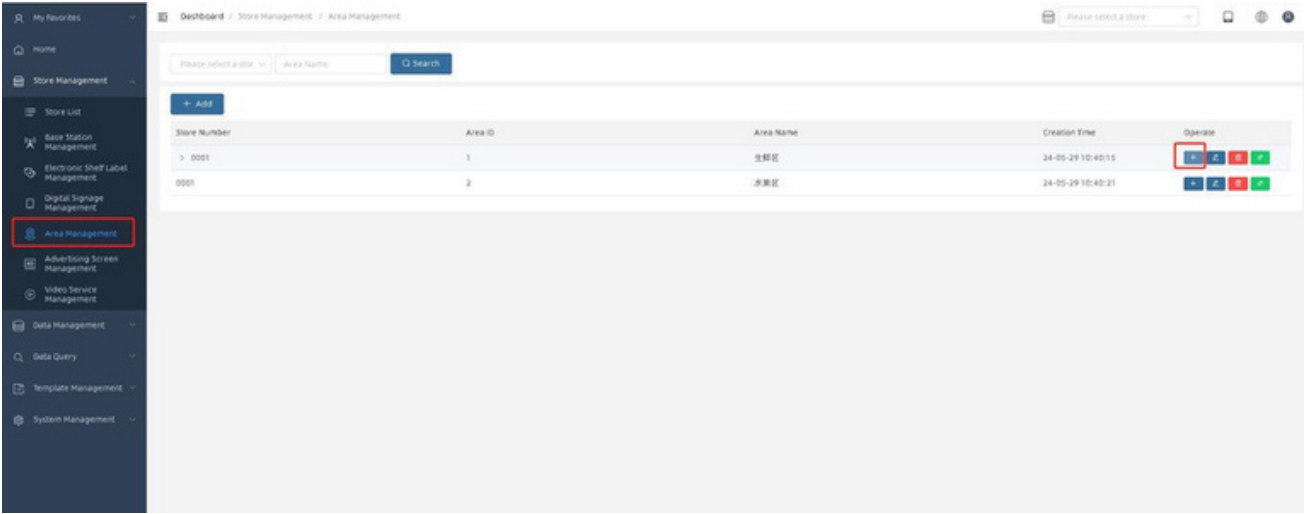
5.5 Area Management

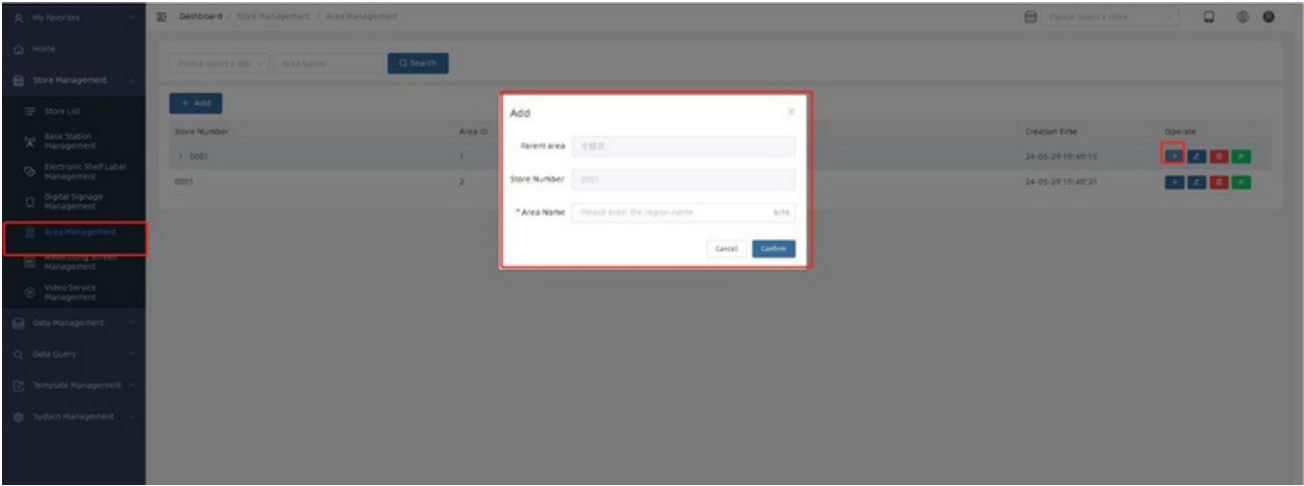
5.5.1 Adding Area and Sub-Area

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.



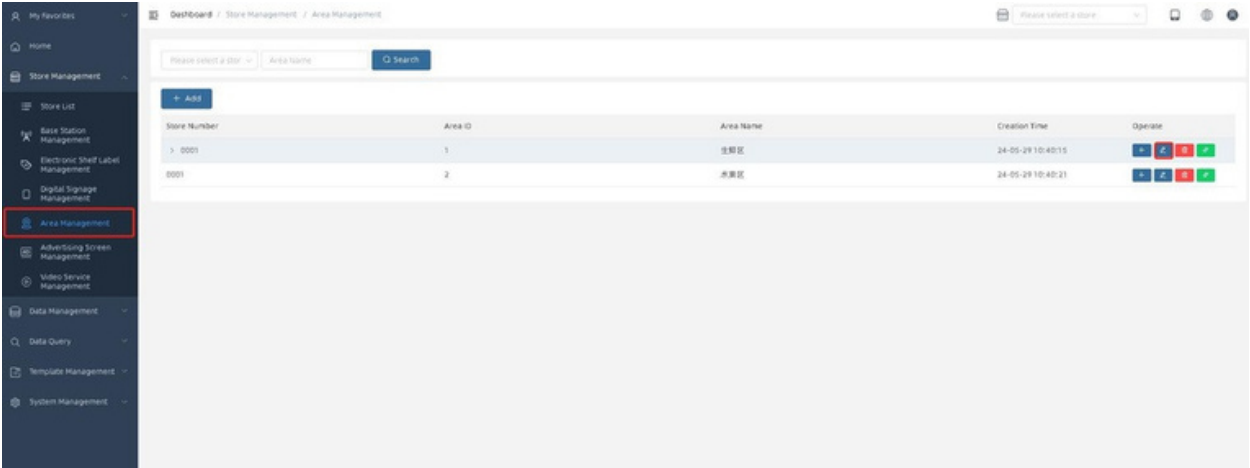
Child areas can be added under the parent area by clicking the Add button corresponding to that area.





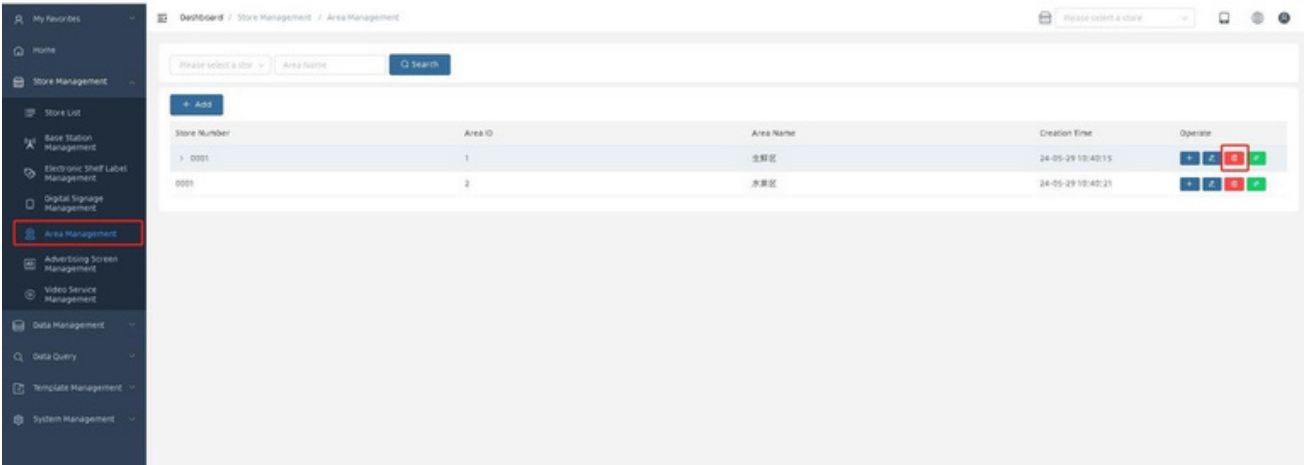
5.5.2 Edit area

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.



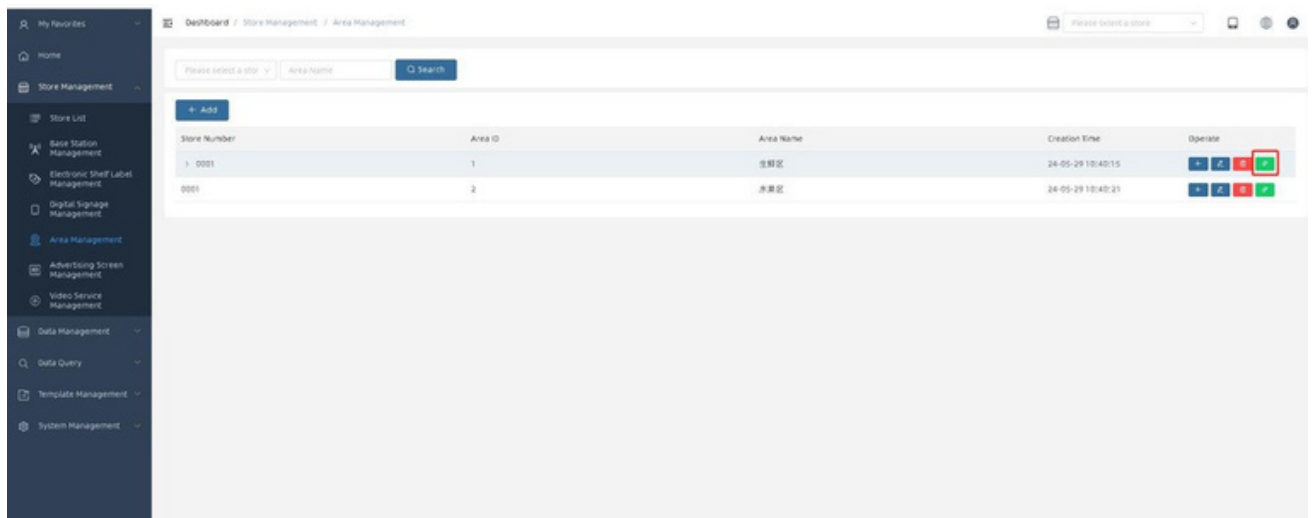
5.5.3 Delete area

Click the Delete button to delete the specified area

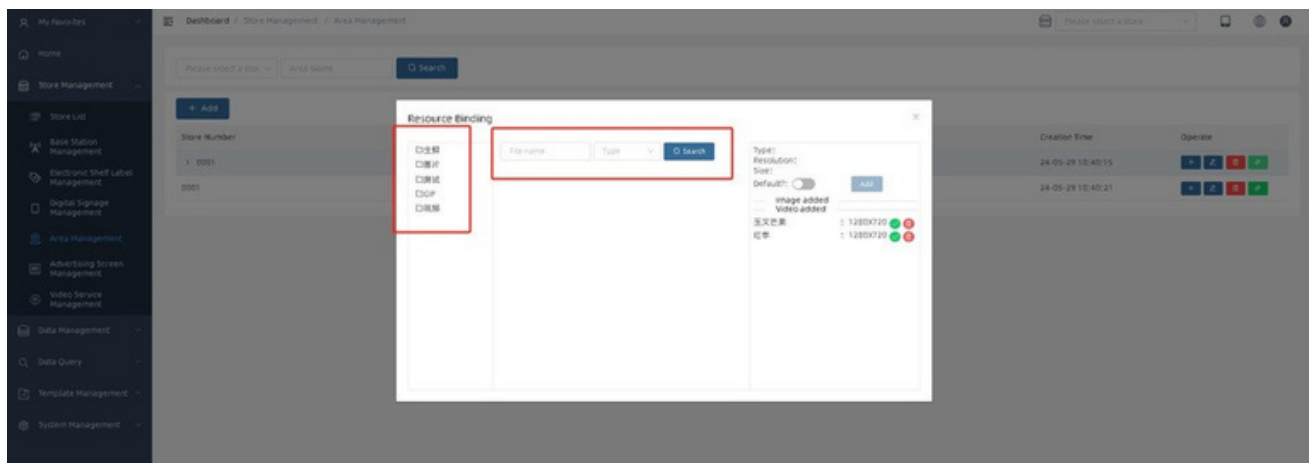


5.5.4 Bound area material

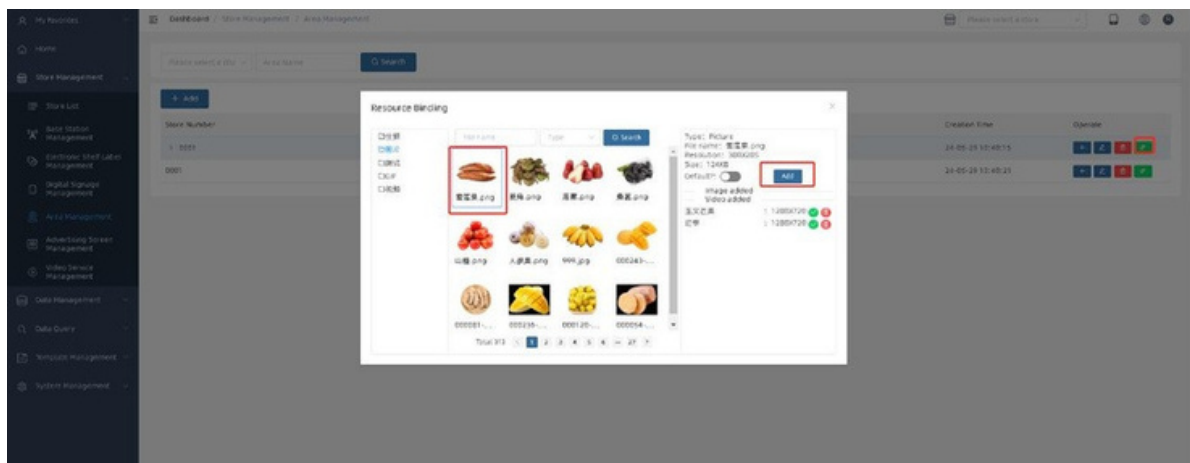
1. Click the Binding button of the corresponding area to enter the material binding page.



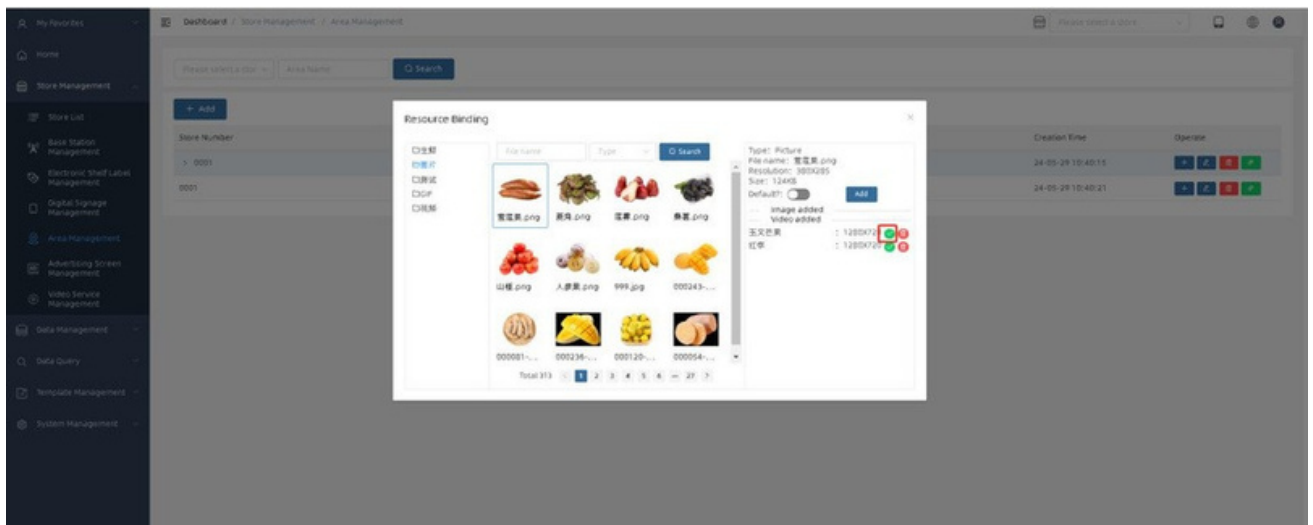
2. Select a category on the left or enter a clip name or select a clip type above to find the desired clip.



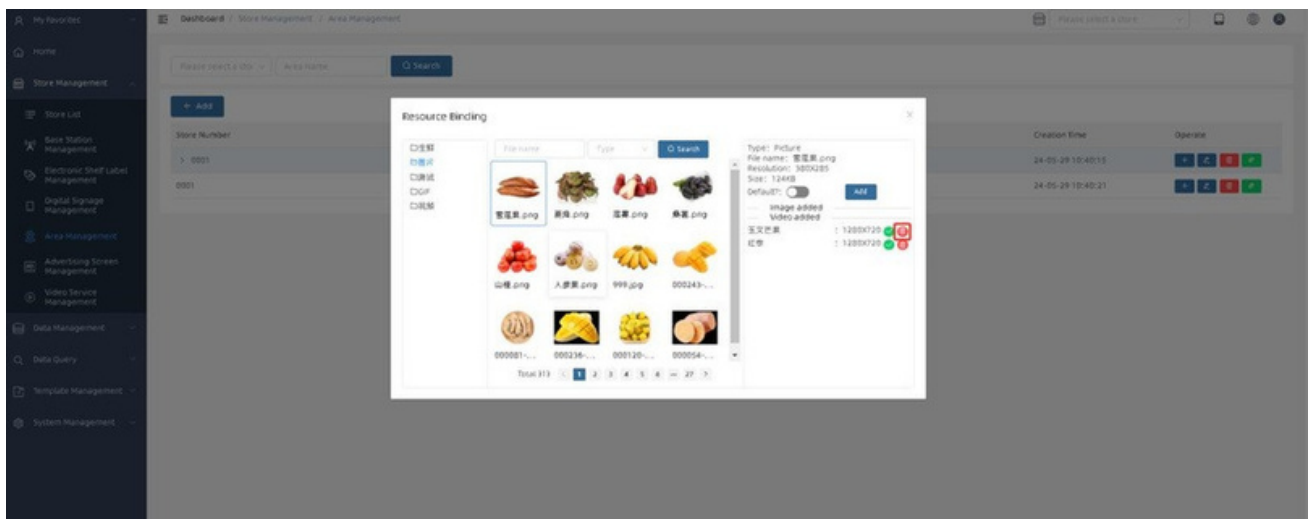
3. Select the material you want to bind click the Add button to bind the material, and turn on the Default switch to set the material as the default material.



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



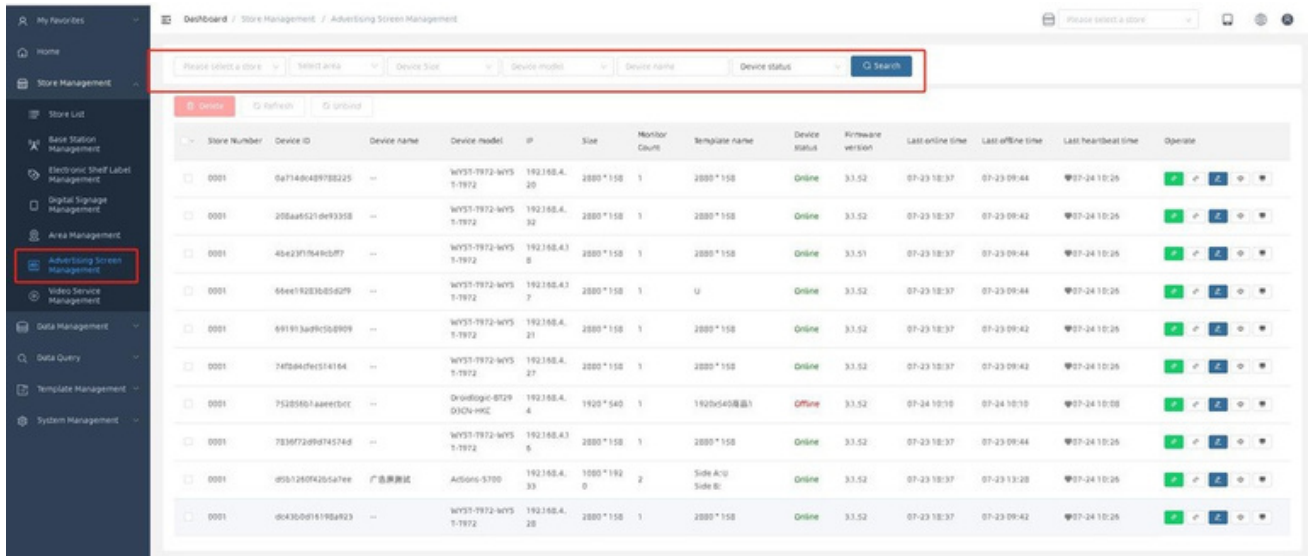
5. Click the Delete button to delete the clip.



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.

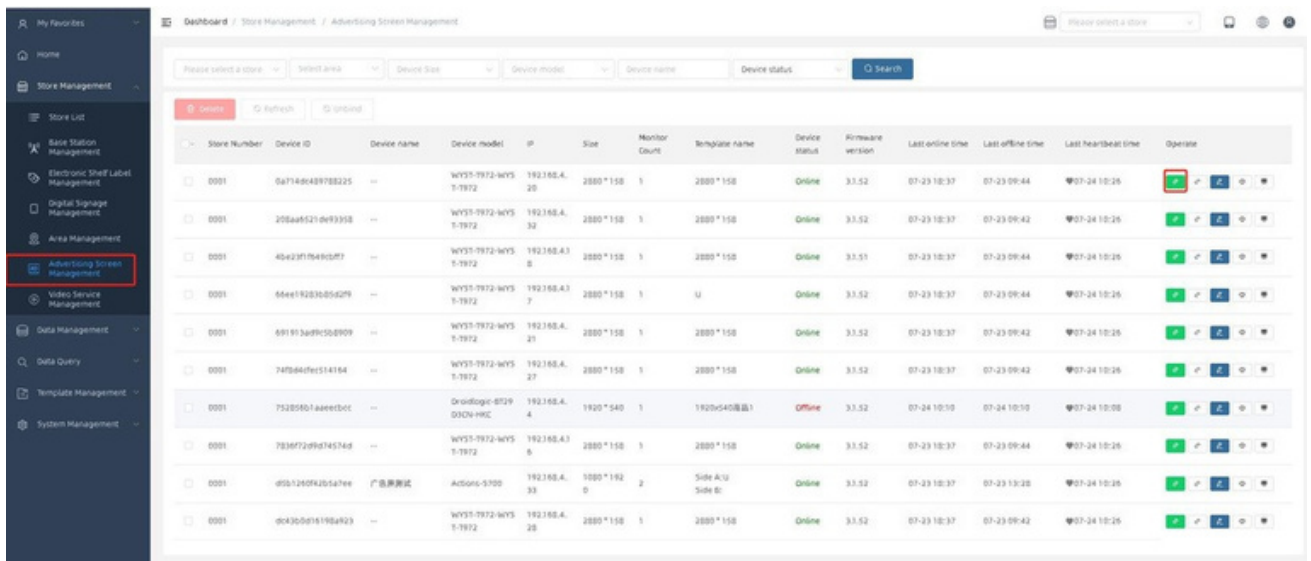


The screenshot shows the 'Advertising Screen Management' page. At the top, there are search filters: 'Please select a store', 'Select area', 'Device Size', 'Device model', 'Device name', and 'Device status'. Below these are buttons for 'Create', 'Refresh', and 'Unbind'. The main table lists devices with columns: Store Number, Device ID, Device Name, Device Model, IP, Size, Monitor Count, Template Name, Device Status, Firmware version, Last online time, Last offline time, Last heartbeat time, and Operate. The 'Operate' column contains icons for binding, unbinding, and other actions.

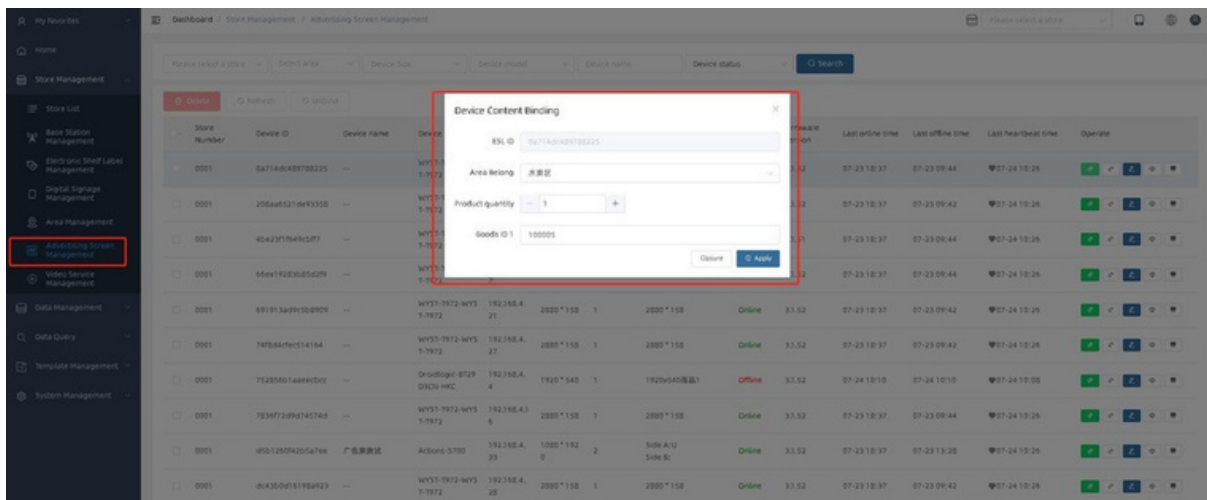
Store Number	Device ID	Device Name	Device Model	IP	Size	Monitor Count	Template Name	Device Status	Firmware version	Last online time	Last offline time	Last heartbeat time	Operate
0001	0a7140489788225	--	WY51-7972-WY5	192.168.4.20	2000 * 1500	1	2000 * 1500	Online	3.1.52	07-23 10:37	07-23 09:44	07-24 10:26	[Icons]
0001	208aa6521de93358	--	WY51-7972-WY5	192.168.4.32	2000 * 1500	1	2000 * 1500	Online	3.1.52	07-23 10:37	07-23 09:42	07-24 10:26	[Icons]
0001	40e23f17649c877	--	WY51-7972-WY5	192.168.4.8	2000 * 1500	1	2000 * 1500	Online	3.1.51	07-23 10:37	07-23 09:44	07-24 10:26	[Icons]
0001	66ee192830c05d29	--	WY51-7972-WY5	192.168.4.7	2000 * 1500	1	U	Online	3.1.52	07-23 10:37	07-23 09:44	07-24 10:26	[Icons]
0001	691913a9f5c0e909	--	WY51-7972-WY5	192.168.4.21	2000 * 1500	1	2000 * 1500	Online	3.1.52	07-23 10:37	07-23 09:42	07-24 10:26	[Icons]
0001	74f04afec514164	--	WY51-7972-WY5	192.168.4.27	2000 * 1500	1	2000 * 1500	Online	3.1.52	07-23 10:37	07-23 09:42	07-24 10:26	[Icons]
0001	7520501aaeeb0c	--	Grondlog-8729	192.168.4.4	1920 * 540	1	1920x540商品1	Offline	3.1.52	07-24 10:10	07-24 10:10	07-24 10:08	[Icons]
0001	7836f7209d74574d	--	WY51-7972-WY5	192.168.4.6	2000 * 1500	1	2000 * 1500	Online	3.1.52	07-23 10:37	07-23 09:44	07-24 10:26	[Icons]
0001	d951260f425a7ee	广告屏测试	AdSign-5700	192.168.4.33	1000 * 1920	2	Side A:10 Side B:	Online	3.1.52	07-23 10:37	07-23 13:28	07-24 10:26	[Icons]
0001	dc430d016198a923	--	WY51-7972-WY5	192.168.4.28	2000 * 1500	1	2000 * 1500	Online	3.1.52	07-23 10:37	07-23 09:42	07-24 10:26	[Icons]

5.6.2 Product Bind and Unbind

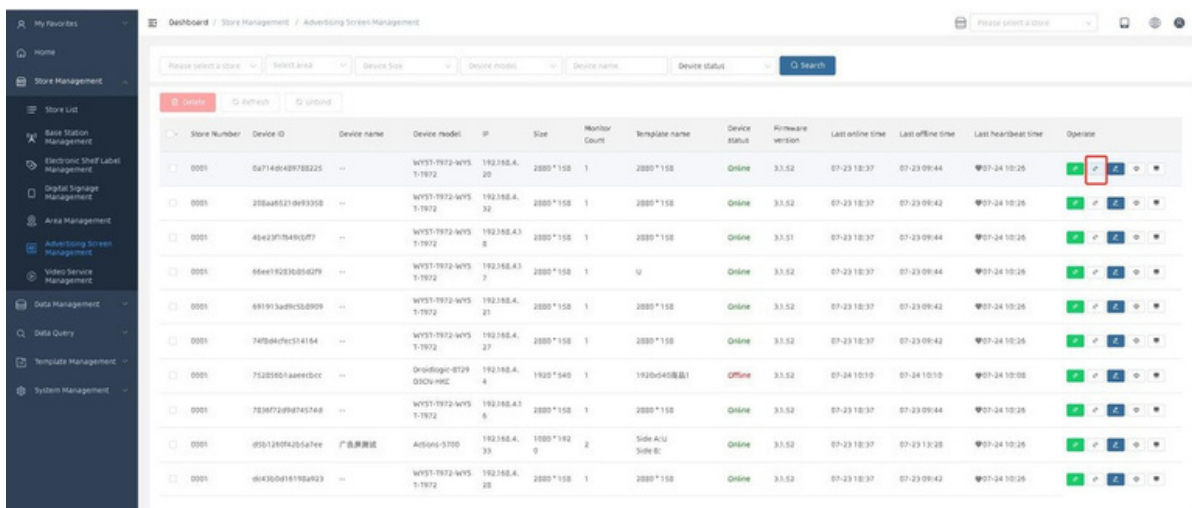
You can set the binding area of the device and the product ID you want to bind by clicking the corresponding device's binding button, and the product ID supports binding multiple products. After binding, the system will automatically match the template according to the size of the device and the number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



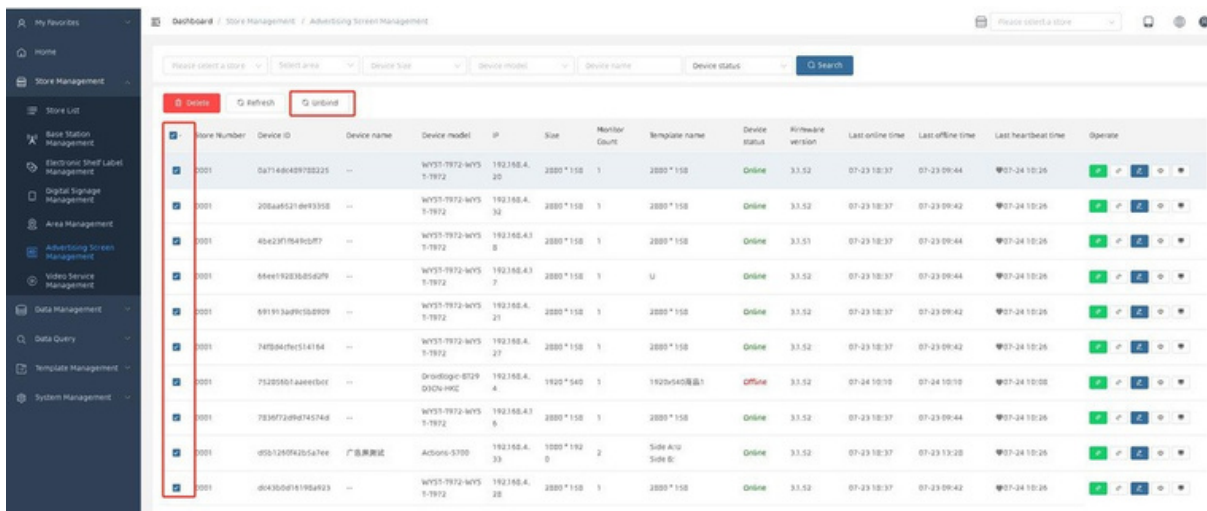
This screenshot is identical to the one above, but with a red box highlighting the 'Operate' column for the first device (Device ID: 0a7140489788225), indicating the binding/unbinding action.



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

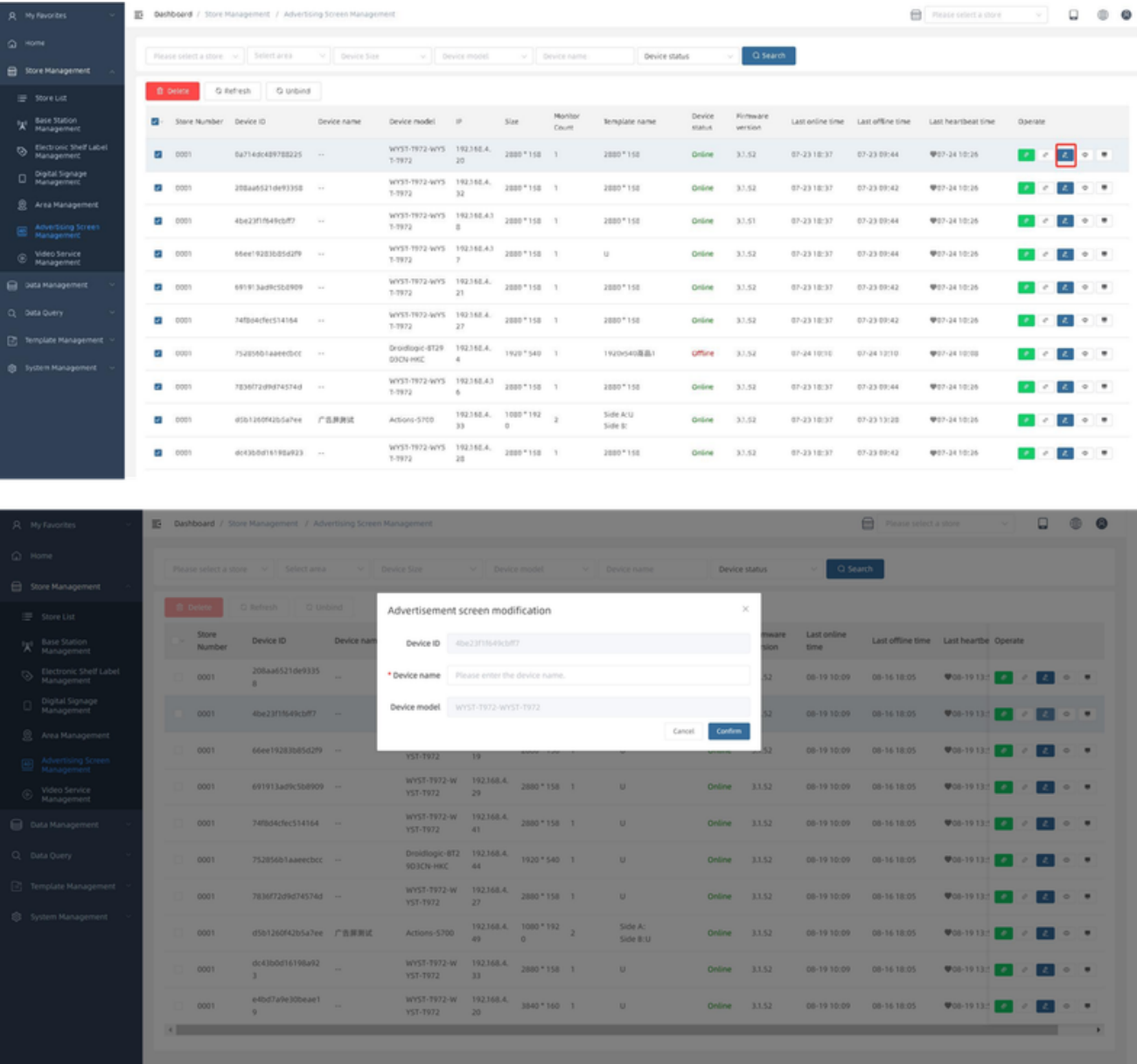


You can also tick the devices you want to unbind and click the Unbind button to batch unbind the product binding relationship.



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.

The top screenshot displays the 'Advertising Screen Management' interface. The left sidebar contains a menu with items like 'My Favorites', 'Home', 'Store Management', 'Store List', 'Base Station Management', 'Electronic Shelf Label Management', 'Digital Signage Management', 'Area Management', 'Advertising Screen Management' (highlighted with a red box), 'Video Service Management', 'Data Management', 'Data Query', 'Template Management', and 'System Management'. The main area shows a table of devices with columns: Store Number, Device ID, Device Name, Device Model, IP, Size, Monitor Count, Template Name, Device Status, Firmware Version, Last Online Time, Last Offline Time, Last Heartbeat Time, and Operate. A red box highlights the 'Advertising Screen Management' menu item in the left sidebar.

The bottom screenshot shows the same interface with a 'Device Content Preview' modal window open. The modal window displays a preview of the content for a selected device, showing a 'Side A' view. The background table is dimmed.

5.6.5 Remote control

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

The screenshot displays the 'Advertising Screen Management' interface. On the left is a sidebar with navigation options: My Favorites, Home, Store Management, Store List, Basic Station Management, Electronic Shelf Label Management, Digital Signage Management, Area Management, Advertising Screen Management, Video Service Management, Data Management, Data Query, Template Management, and System Management. The main area shows a table of devices with columns: Store Number, Device ID, Device Name, Device Model, IP, Size, Monitor Count, Template Name, Device Status, Firmware version, Last online time, Last offline time, Last heartbeat time, and Operate. A 'Remote Control' dialog box is open, featuring buttons for 'Refresh Player', 'Enable Wi-Fi Debugging', 'View IP', 'Refresh Device', and 'Check for updates'. The dialog also contains a video player area and a 'Send' button.

5.6.6 Delete Device

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

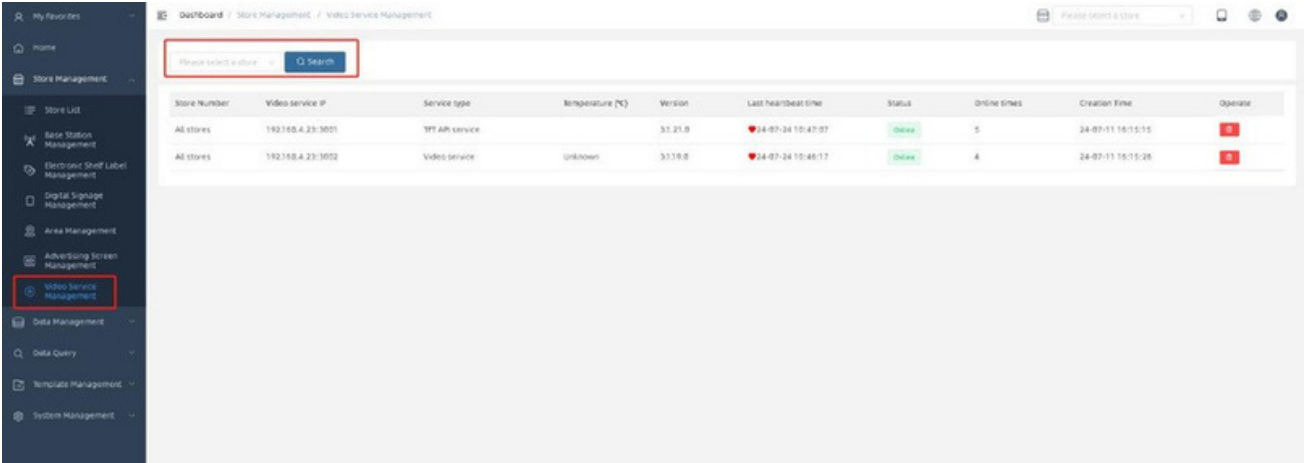
This screenshot shows the same 'Advertising Screen Management' interface as the previous one. The 'Delete' button in the top bar is highlighted with a red box, indicating the action to be taken for deleting devices. The table of devices remains visible in the background.

Limited Scope of Use

5.7 Video Service Management

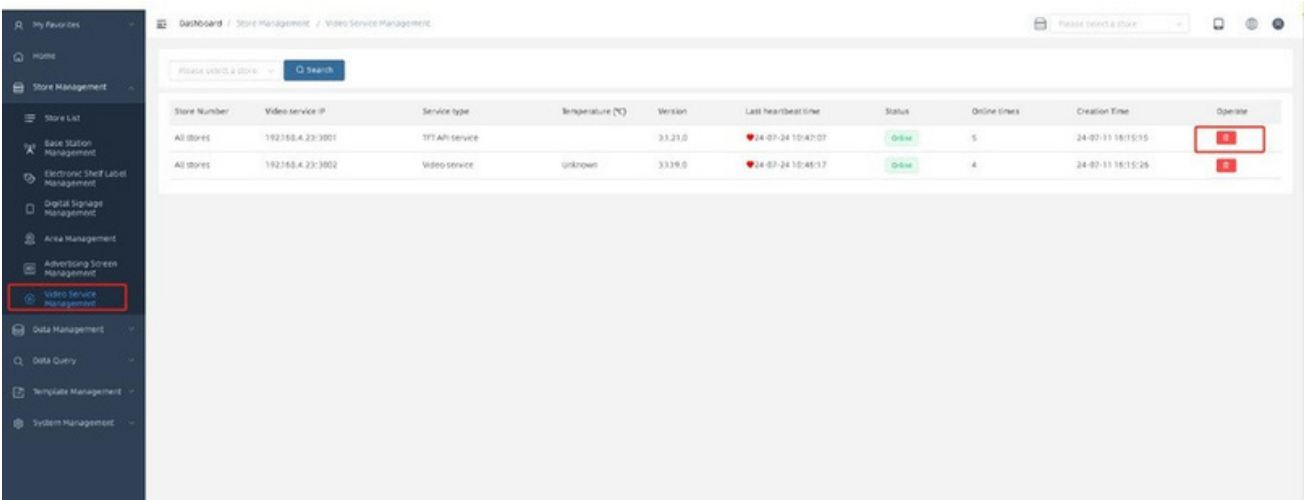
5.7.1 Enquiry Service

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.

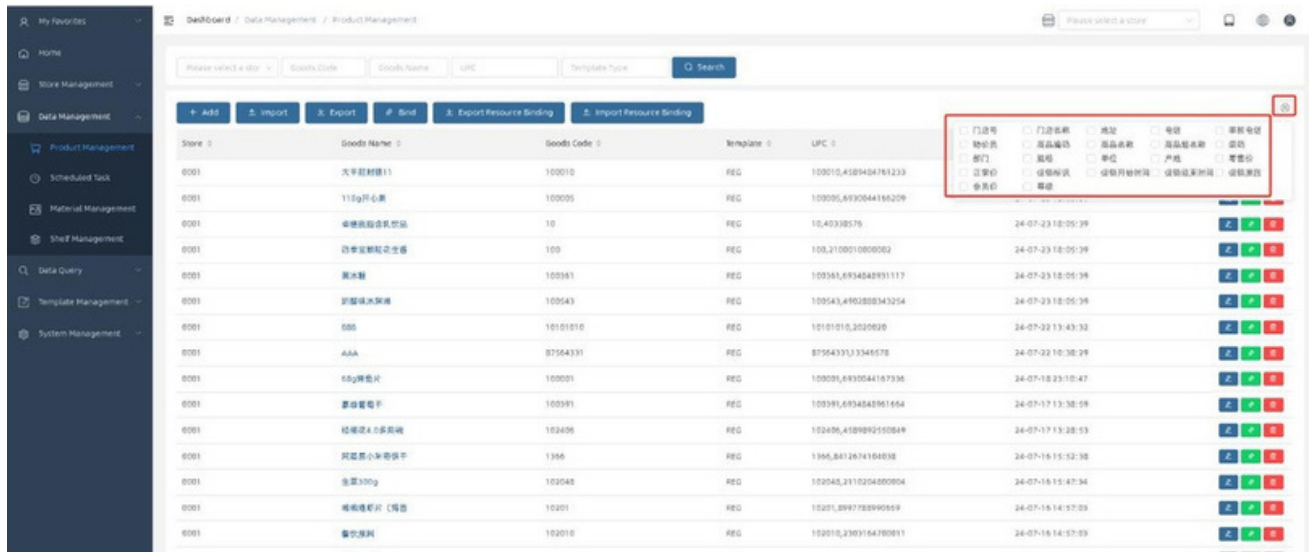


6 Data management

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.

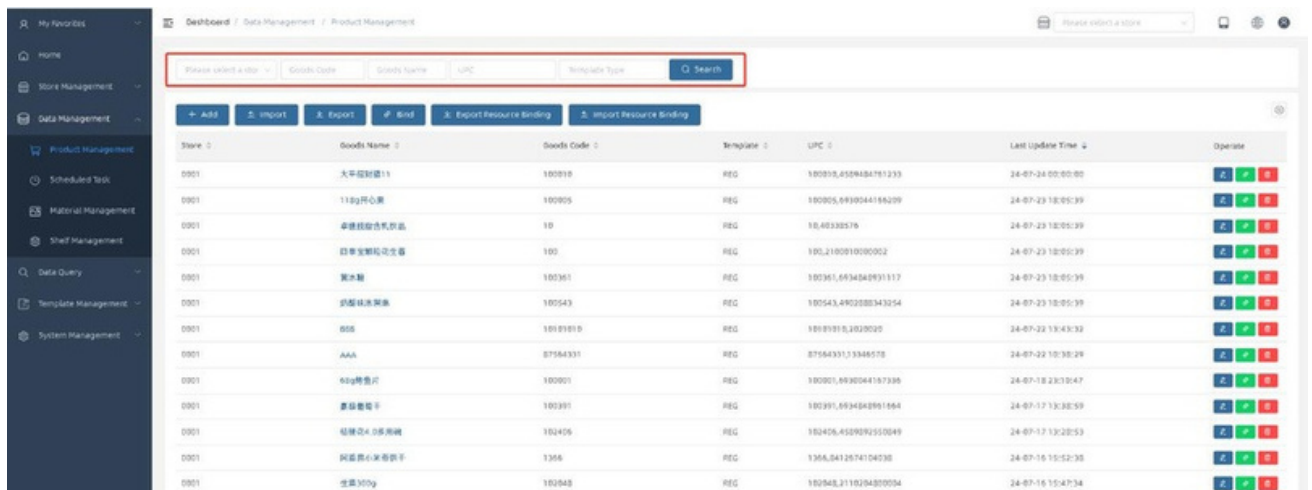


The screenshot shows the 'Product Management' section of the eRetail3.2 system. It features a search bar at the top with fields for 'Goods Code', 'Goods Name', 'UPC', and 'Template Type'. Below the search bar are buttons for '+ Add', 'Import', 'Export', 'Bind', 'Export Resource Binding', and 'Import Resource Binding'. The main table lists products with columns for Store, Goods Name, Goods Code, Template, UPC, and Last Update Time. A red box highlights the search bar and the 'Add' button.

Store	Goods Name	Goods Code	Template	UPC	Last Update Time	Operator
0001	太平豆腐11	100010	REG	100010,4509404761233	24-07-24 00:00:00	[Add] [Edit] [Delete]
0001	110g开心果	100005	REG	100005,6930044186209	24-07-23 18:05:39	[Add] [Edit] [Delete]
0001	幸福糕甜乳饮品	10	REG	10,40338576	24-07-23 18:05:39	[Add] [Edit] [Delete]
0001	四季全顺乳饮品	100	REG	100,2100010000002	24-07-23 18:05:39	[Add] [Edit] [Delete]
0001	果冻	100361	REG	100361,6934048931117	24-07-23 18:05:39	[Add] [Edit] [Delete]
0001	冰棍冰棍	100543	REG	100543,4902000343254	24-07-23 18:05:39	[Add] [Edit] [Delete]
0001	808	10101010	REG	10101010,3020020	24-07-22 13:43:32	[Add] [Edit] [Delete]
0001	AAA	07564331	REG	07564331,3346578	24-07-22 10:38:29	[Add] [Edit] [Delete]
0001	60g香香片	100001	REG	100001,6930044187336	24-07-18 23:10:47	[Add] [Edit] [Delete]
0001	幸福糕甜乳	100391	REG	100391,693404891664	24-07-17 13:38:59	[Add] [Edit] [Delete]
0001	红绿冰X1多果冰	102406	REG	102406,4509092550049	24-07-17 13:20:53	[Add] [Edit] [Delete]
0001	阿诺斯小冰香香片	1366	REG	1366,6412674104036	24-07-16 15:52:38	[Add] [Edit] [Delete]
0001	生果300g	102048	REG	102048,2110204800004	24-07-16 15:47:34	[Add] [Edit] [Delete]
0001	幸福糕甜乳 (绿色)	10201	REG	10201,899700090069	24-07-16 14:57:09	[Add] [Edit] [Delete]
0001	幸福糕甜乳	102010	REG	102010,2303164700011	24-07-16 14:57:09	[Add] [Edit] [Delete]

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.



The screenshot shows the 'Product Management' section of the eRetail3.2 system. It features a search bar at the top with fields for 'Goods Code', 'Goods Name', 'UPC', and 'Template Type'. Below the search bar are buttons for '+ Add', 'Import', 'Export', 'Bind', 'Export Resource Binding', and 'Import Resource Binding'. The main table lists products with columns for Store, Goods Name, Goods Code, Template, UPC, Last Update Time, and Operator. A red box highlights the search bar.

Store	Goods Name	Goods Code	Template	UPC	Last Update Time	Operator
0001	太平豆腐11	100010	REG	100010,4509404761233	24-07-24 00:00:00	[Add] [Edit] [Delete]
0001	110g开心果	100005	REG	100005,6930044186209	24-07-23 18:05:39	[Add] [Edit] [Delete]
0001	幸福糕甜乳饮品	10	REG	10,40338576	24-07-23 18:05:39	[Add] [Edit] [Delete]
0001	四季全顺乳饮品	100	REG	100,2100010000002	24-07-23 18:05:39	[Add] [Edit] [Delete]
0001	果冻	100361	REG	100361,6934048931117	24-07-23 18:05:39	[Add] [Edit] [Delete]
0001	冰棍冰棍	100543	REG	100543,4902000343254	24-07-23 18:05:39	[Add] [Edit] [Delete]
0001	808	10101010	REG	10101010,3020020	24-07-22 13:43:32	[Add] [Edit] [Delete]
0001	AAA	07564331	REG	07564331,3346578	24-07-22 10:38:29	[Add] [Edit] [Delete]
0001	60g香香片	100001	REG	100001,6930044187336	24-07-18 23:10:47	[Add] [Edit] [Delete]
0001	幸福糕甜乳	100391	REG	100391,693404891664	24-07-17 13:38:59	[Add] [Edit] [Delete]
0001	红绿冰X1多果冰	102406	REG	102406,4509092550049	24-07-17 13:20:53	[Add] [Edit] [Delete]
0001	阿诺斯小冰香香片	1366	REG	1366,6412674104036	24-07-16 15:52:38	[Add] [Edit] [Delete]
0001	生果300g	102048	REG	102048,2110204800004	24-07-16 15:47:34	[Add] [Edit] [Delete]

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.

The top screenshot displays the 'Product Management' dashboard. It features a sidebar with navigation options like Home, Store Management, Data Management, Product Management, Scheduled Task, Material Management, Shelf Management, Data Query, Template Management, and System Management. The main area shows a table of products with columns: Store, Goods Name, Goods Code, Template, UPC, Last update Time, and Operate. The 'Operate' column contains icons for Edit, Delete, and other actions.

The bottom screenshot shows the 'Edit Product' modal form. It includes fields for Template, System Store, and various product attributes such as Name, Address, Phone, and Price. The form is designed to allow users to modify existing product information.

6.1.4 Edit Product

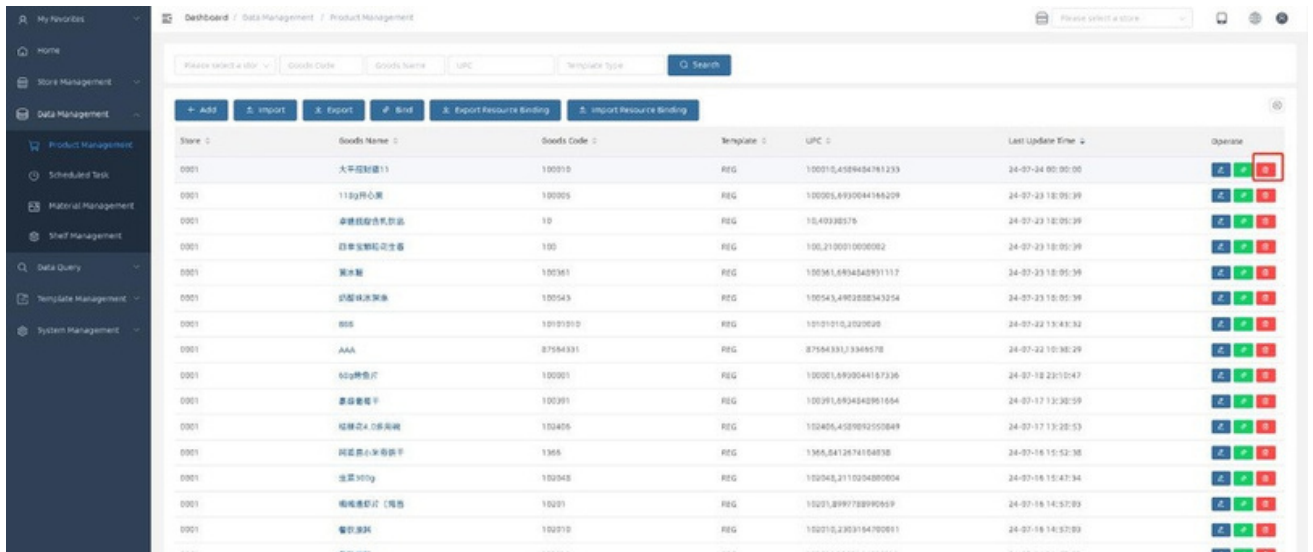
Product information can be modified by clicking the Edit button corresponding to the product, shop information cannot be modified.

This screenshot shows the 'Edit Product' modal form in the eRetail3.2 system. The form is titled 'Product Management' and includes fields for Template, System Store, and various product attributes such as Name, Address, Phone, and Price. The 'Operate' column in the background table shows the 'Edit' button highlighted with a red box, indicating the action being performed.

Limited Scope of Use



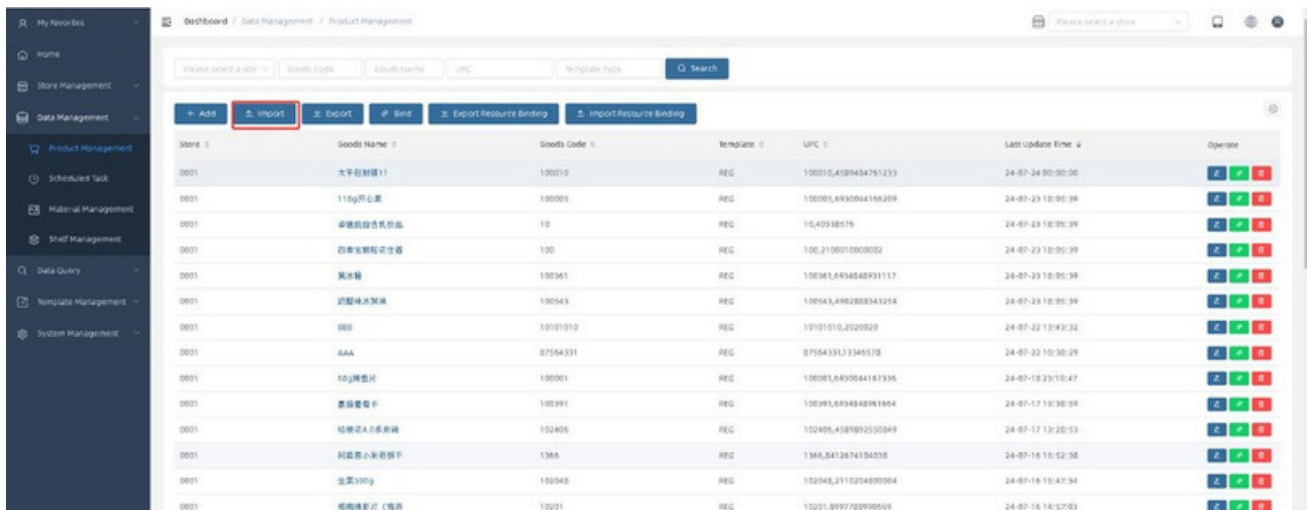
Limited Scope of Use



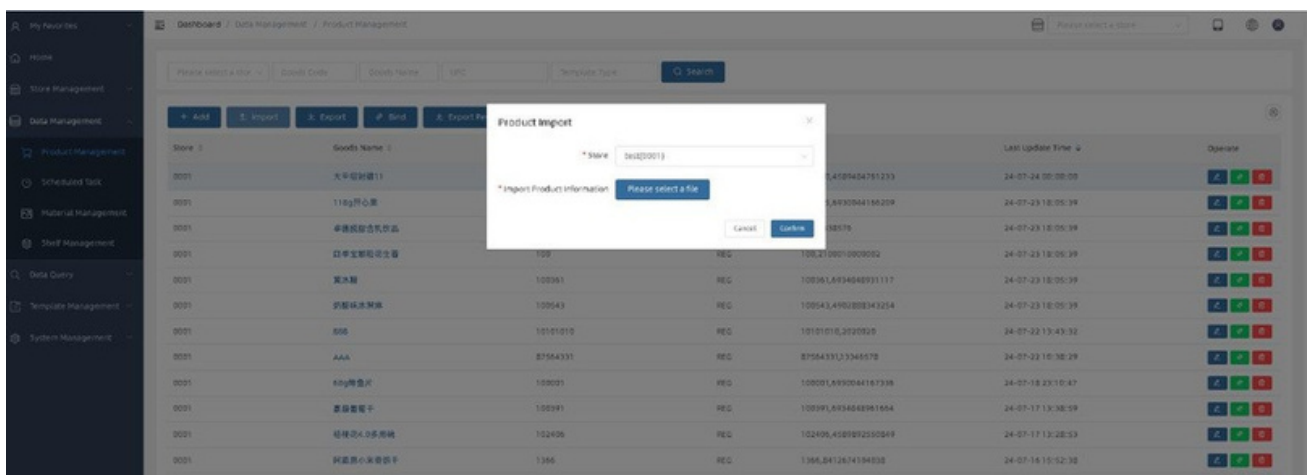
Store	Goods Name	Goods Code	Template	UPC	Last Update Time	Operate
0001	太平超耐罐11	100010	REG	100010,4589484761233	24-07-24 00:00:00	[Edit] [Delete] [Import]
0001	11kg丹心果	100005	REG	100005,6930044166209	24-07-23 10:05:39	[Edit] [Delete] [Import]
0001	卓德威综合礼品	10	REG	10,40938875	24-07-23 10:05:39	[Edit] [Delete] [Import]
0001	四季宝颗粒花生酱	100	REG	100,2100010000002	24-07-23 10:05:39	[Edit] [Delete] [Import]
0001	真冰棍	100361	REG	100361,6934040931117	24-07-23 10:05:39	[Edit] [Delete] [Import]
0001	劲霸味冰果派	100543	REG	100543,490200343254	24-07-23 10:05:39	[Edit] [Delete] [Import]
0001	888	10101010	REG	10101010,2020020	24-07-22 13:43:32	[Edit] [Delete] [Import]
0001	AAA	87584331	REG	87584331,3346578	24-07-22 10:30:29	[Edit] [Delete] [Import]
0001	6kg烤鱼片	100001	REG	100001,6930044167336	24-07-18 23:10:47	[Edit] [Delete] [Import]
0001	嘉德威饼干	100391	REG	100391,6934040931117	24-07-17 13:38:59	[Edit] [Delete] [Import]
0001	炫舞龙A.0多果派	102406	REG	102406,4589484761233	24-07-17 13:20:53	[Edit] [Delete] [Import]
0001	阿诺斯小冰棍饼干	1366	REG	1366,8412674194030	24-07-16 10:52:30	[Edit] [Delete] [Import]
0001	生果100g	102048	REG	102048,2110204800004	24-07-16 15:47:34	[Edit] [Delete] [Import]
0001	瑞德威饼干 (梅香)	10001	REG	10001,899782090009	24-07-16 14:57:03	[Edit] [Delete] [Import]
0001	香酥凉糕	100010	REG	100010,2303194700011	24-07-16 14:57:03	[Edit] [Delete] [Import]

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.



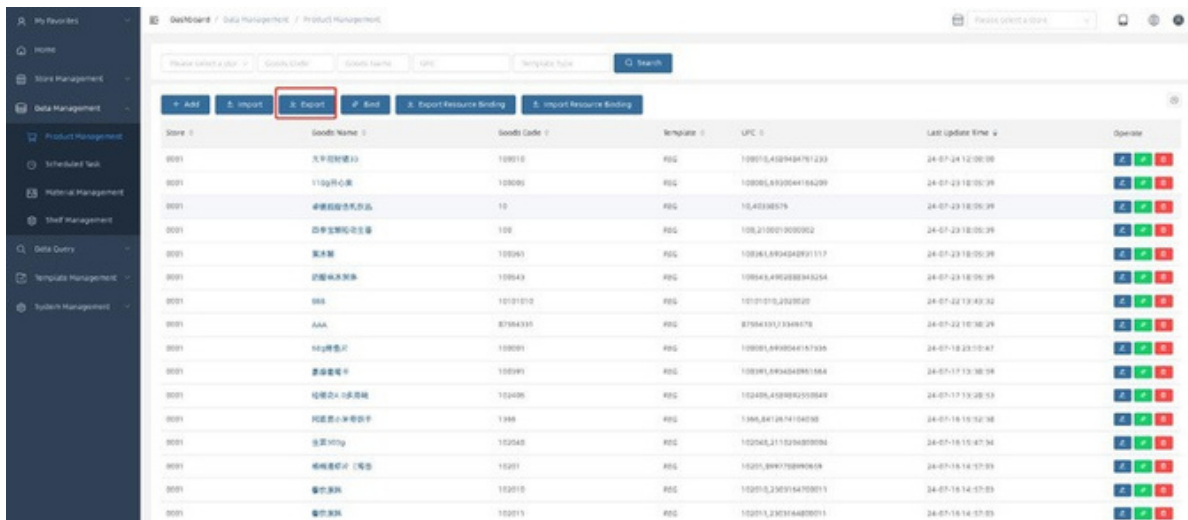
Store	Goods Name	Goods Code	Template	UPC	Last Update Time	Operate
0001	太平超耐罐11	100010	REG	100010,4589484761233	24-07-24 00:00:00	[Edit] [Delete] [Import]
0001	11kg丹心果	100005	REG	100005,6930044166209	24-07-23 10:05:39	[Edit] [Delete] [Import]
0001	卓德威综合礼品	10	REG	10,40938875	24-07-23 10:05:39	[Edit] [Delete] [Import]
0001	四季宝颗粒花生酱	100	REG	100,2100010000002	24-07-23 10:05:39	[Edit] [Delete] [Import]
0001	真冰棍	100361	REG	100361,6934040931117	24-07-23 10:05:39	[Edit] [Delete] [Import]
0001	劲霸味冰果派	100543	REG	100543,490200343254	24-07-23 10:05:39	[Edit] [Delete] [Import]
0001	888	10101010	REG	10101010,2020020	24-07-22 13:43:32	[Edit] [Delete] [Import]
0001	AAA	87584331	REG	87584331,3346578	24-07-22 10:30:29	[Edit] [Delete] [Import]
0001	6kg烤鱼片	100001	REG	100001,6930044167336	24-07-18 23:10:47	[Edit] [Delete] [Import]
0001	嘉德威饼干	100391	REG	100391,6934040931117	24-07-17 13:38:59	[Edit] [Delete] [Import]
0001	炫舞龙A.0多果派	102406	REG	102406,4589484761233	24-07-17 13:20:53	[Edit] [Delete] [Import]
0001	阿诺斯小冰棍饼干	1366	REG	1366,8412674194030	24-07-16 10:52:30	[Edit] [Delete] [Import]
0001	生果100g	102048	REG	102048,2110204800004	24-07-16 15:47:34	[Edit] [Delete] [Import]
0001	瑞德威饼干 (梅香)	10001	REG	10001,899782090009	24-07-16 14:57:03	[Edit] [Delete] [Import]



Store	Goods Name	Goods Code	Template	UPC	Last Update Time	Operate
0001	太平超耐罐11	100010	REG	100010,4589484761233	24-07-24 00:00:00	[Edit] [Delete] [Import]
0001	11kg丹心果	100005	REG	100005,6930044166209	24-07-23 10:05:39	[Edit] [Delete] [Import]
0001	卓德威综合礼品	10	REG	10,40938875	24-07-23 10:05:39	[Edit] [Delete] [Import]
0001	四季宝颗粒花生酱	100	REG	100,2100010000002	24-07-23 10:05:39	[Edit] [Delete] [Import]
0001	真冰棍	100361	REG	100361,6934040931117	24-07-23 10:05:39	[Edit] [Delete] [Import]
0001	劲霸味冰果派	100543	REG	100543,490200343254	24-07-23 10:05:39	[Edit] [Delete] [Import]
0001	888	10101010	REG	10101010,2020020	24-07-22 13:43:32	[Edit] [Delete] [Import]
0001	AAA	87584331	REG	87584331,3346578	24-07-22 10:30:29	[Edit] [Delete] [Import]
0001	6kg烤鱼片	100001	REG	100001,6930044167336	24-07-18 23:10:47	[Edit] [Delete] [Import]
0001	嘉德威饼干	100391	REG	100391,6934040931117	24-07-17 13:38:59	[Edit] [Delete] [Import]
0001	炫舞龙A.0多果派	102406	REG	102406,4589484761233	24-07-17 13:20:53	[Edit] [Delete] [Import]
0001	阿诺斯小冰棍饼干	1366	REG	1366,8412674194030	24-07-16 10:52:30	[Edit] [Delete] [Import]

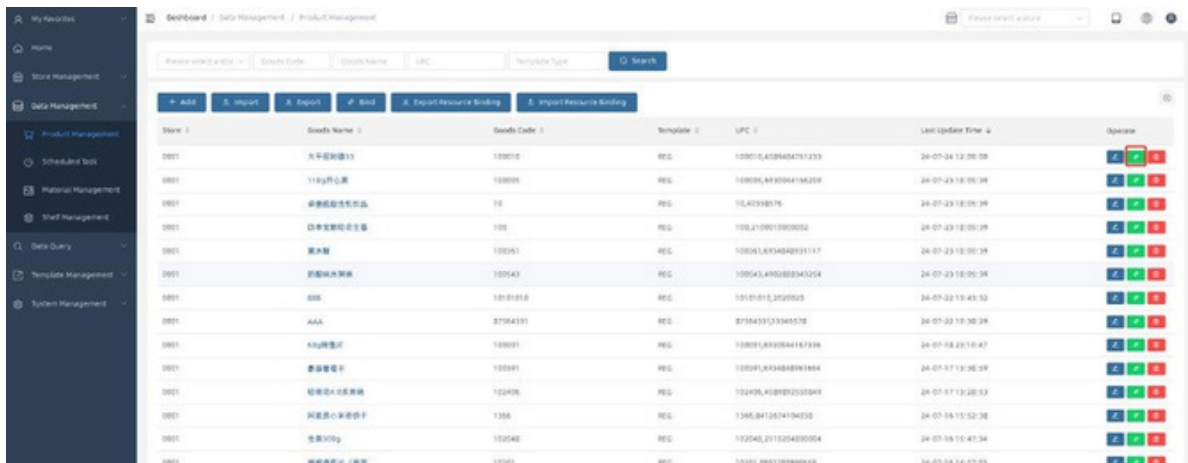
Limited Scope of Use

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

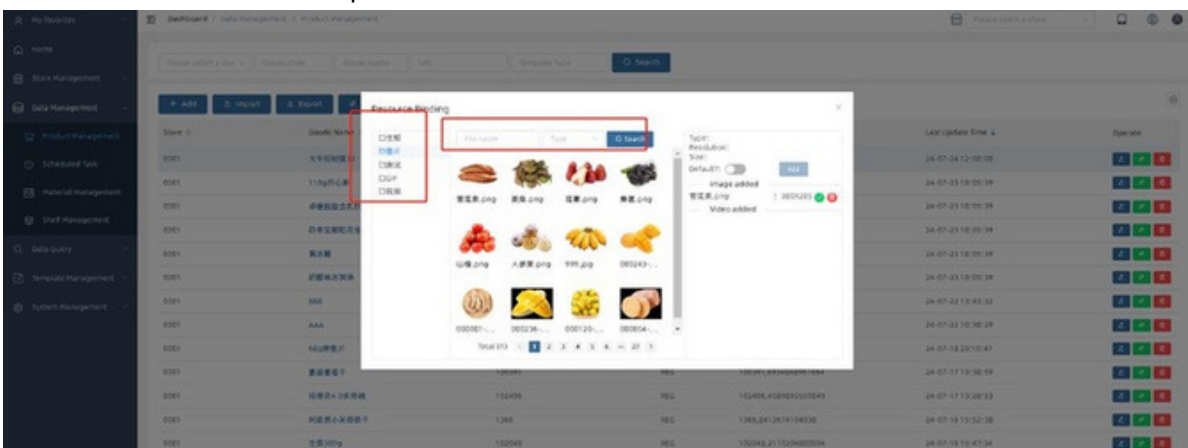


6.1.7 Product Material Bind

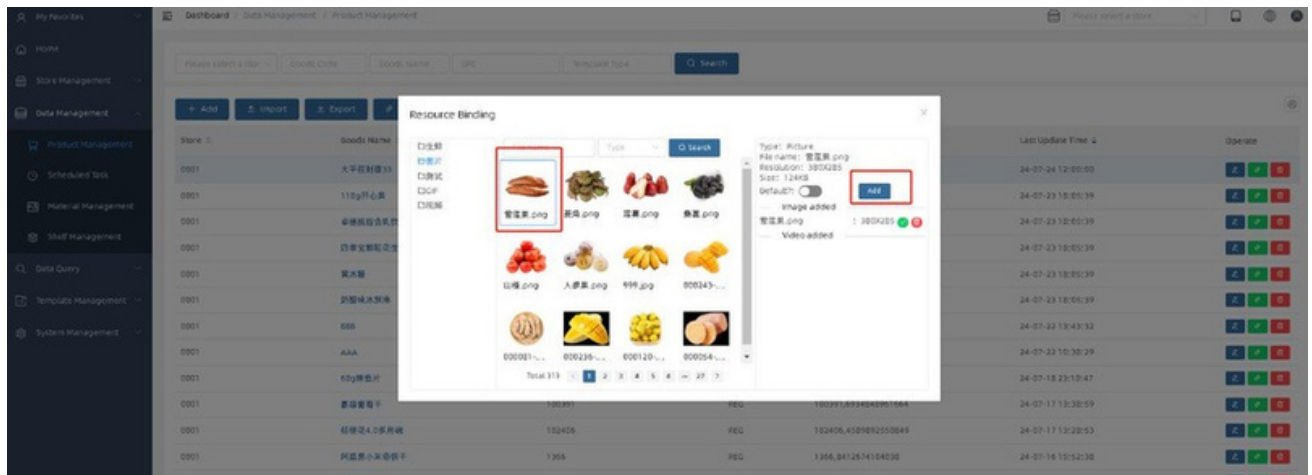
1. Click the Binding button of the product you want to bind to open the binding page.



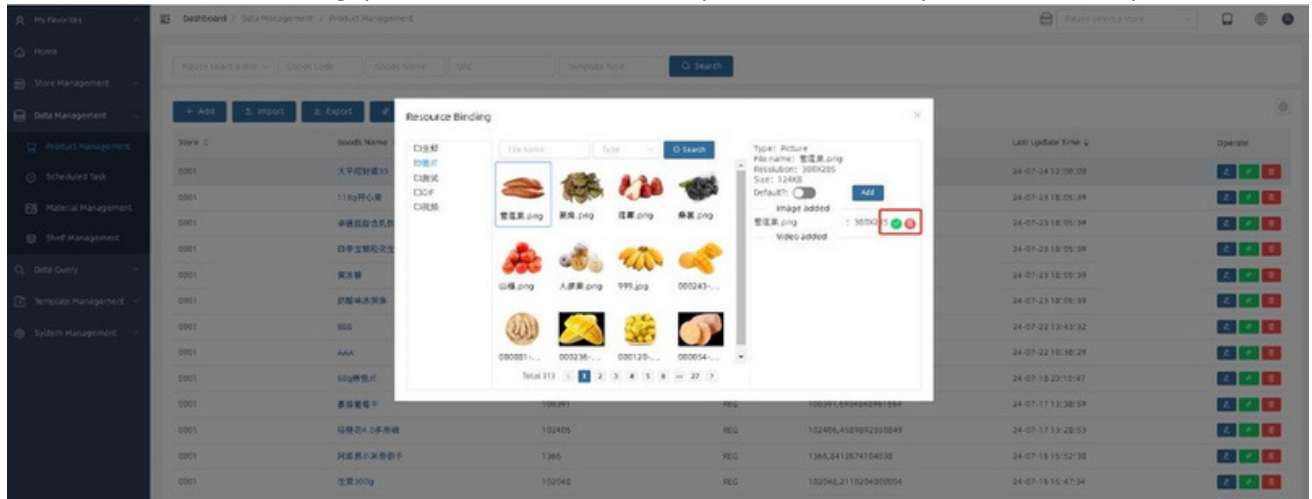
2. Search for the product material you want to bind according to the categories on the left and the search criteria on the top.



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

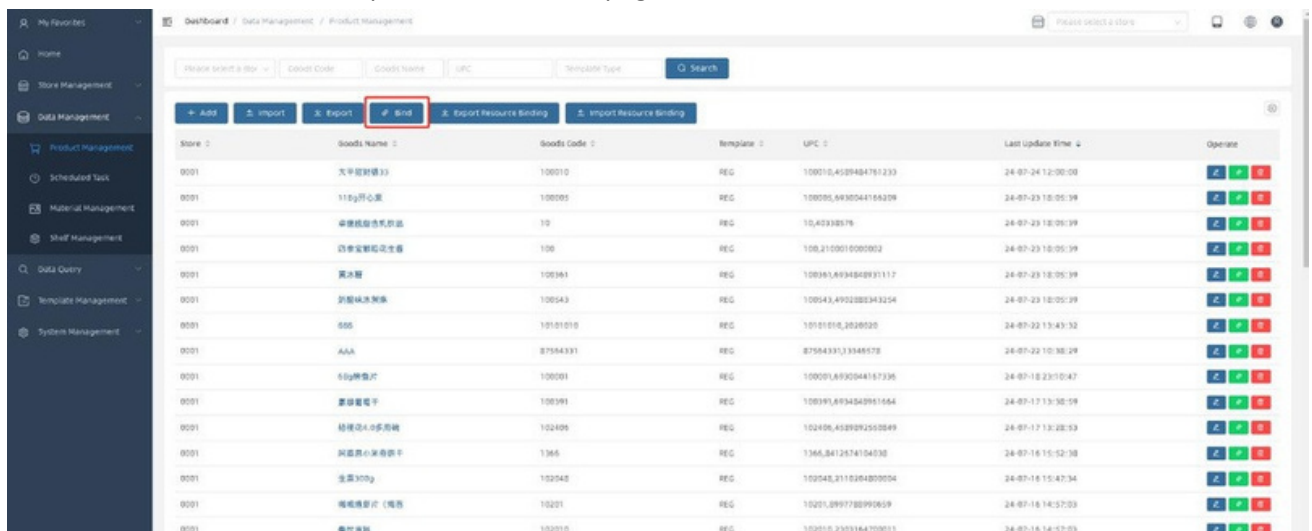


4. After successful binding, you can choose to set the clip as the default clip or delete the clip.

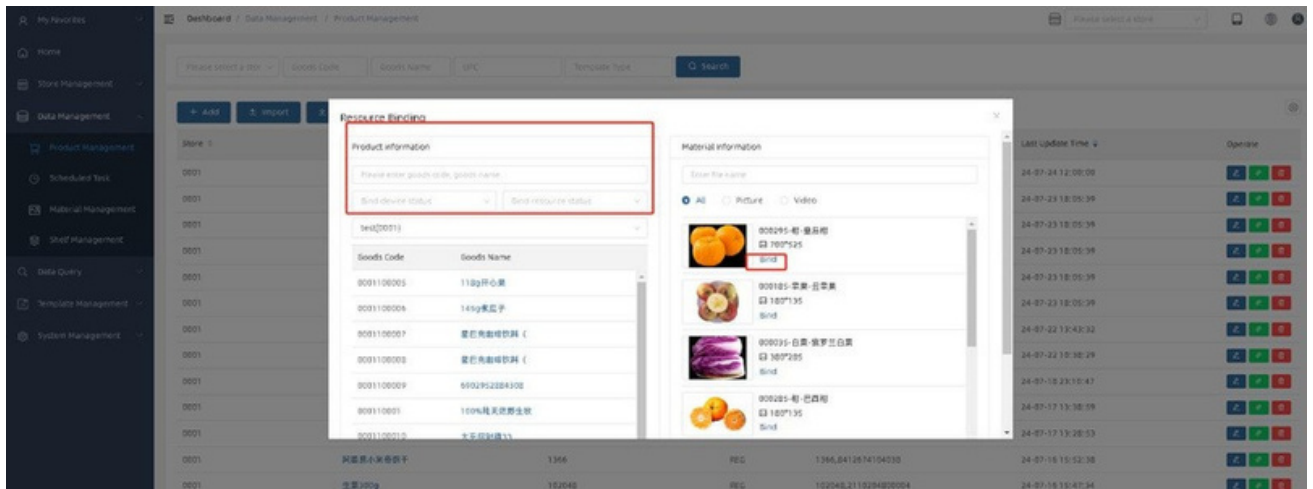


6.1.8 Quick Bind

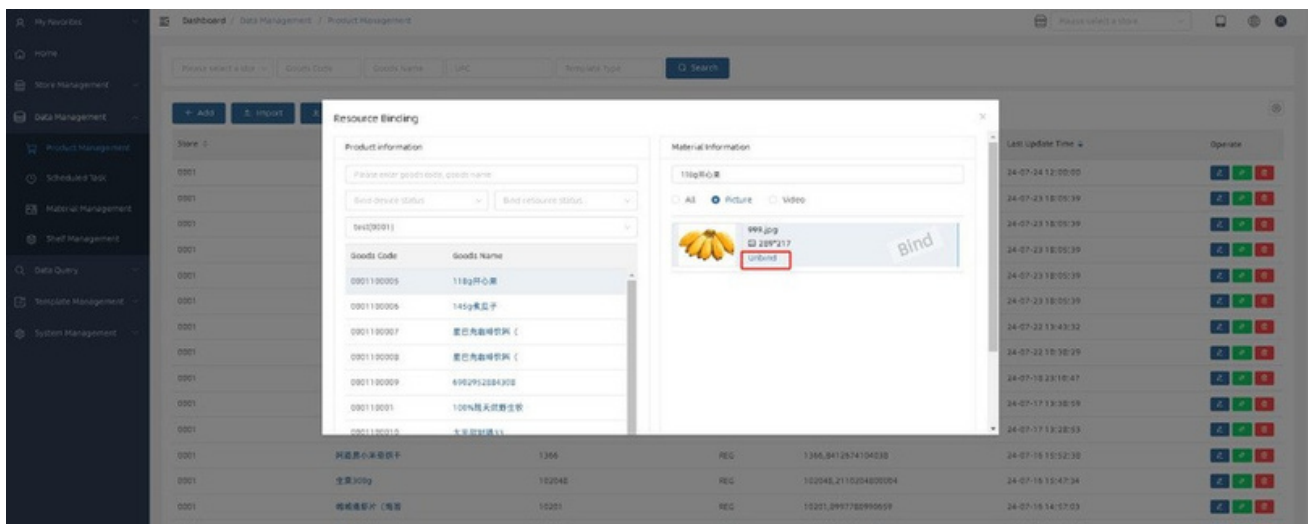
1. Click the Bind button to open the Quick Bind page.



- 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.

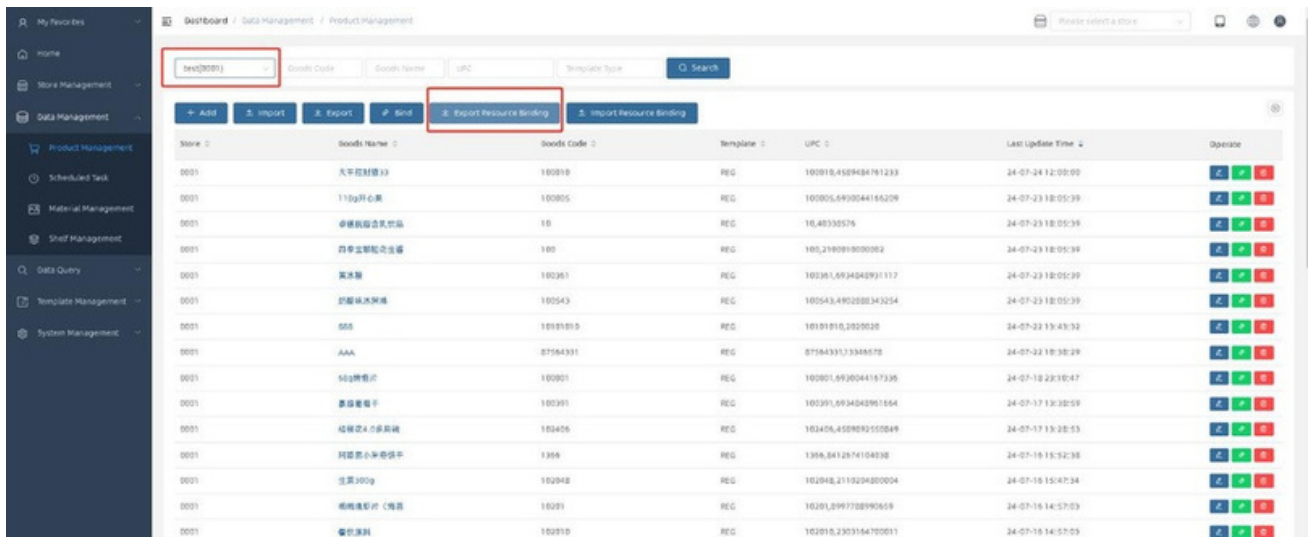


- Click the Unbind button to quickly unbind a product.

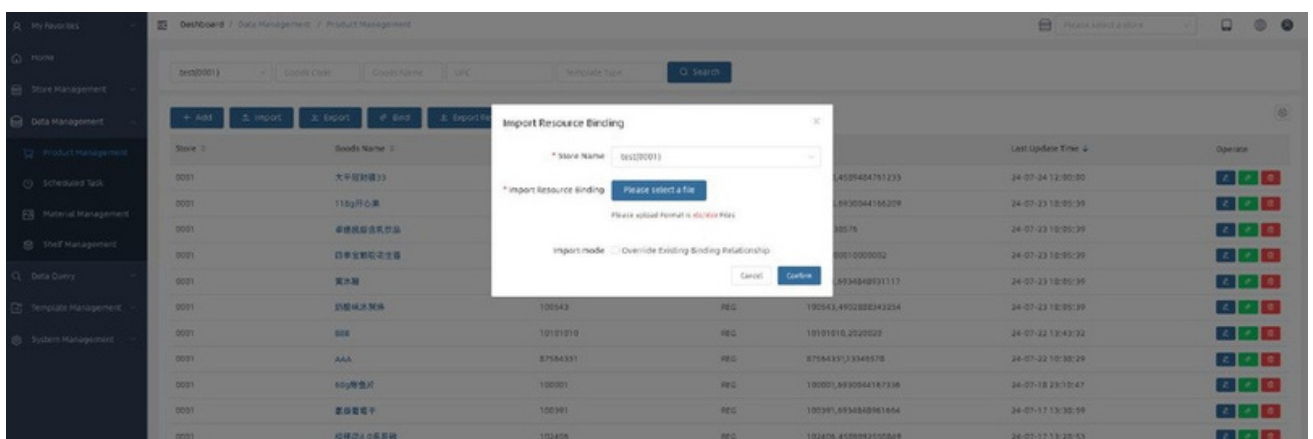
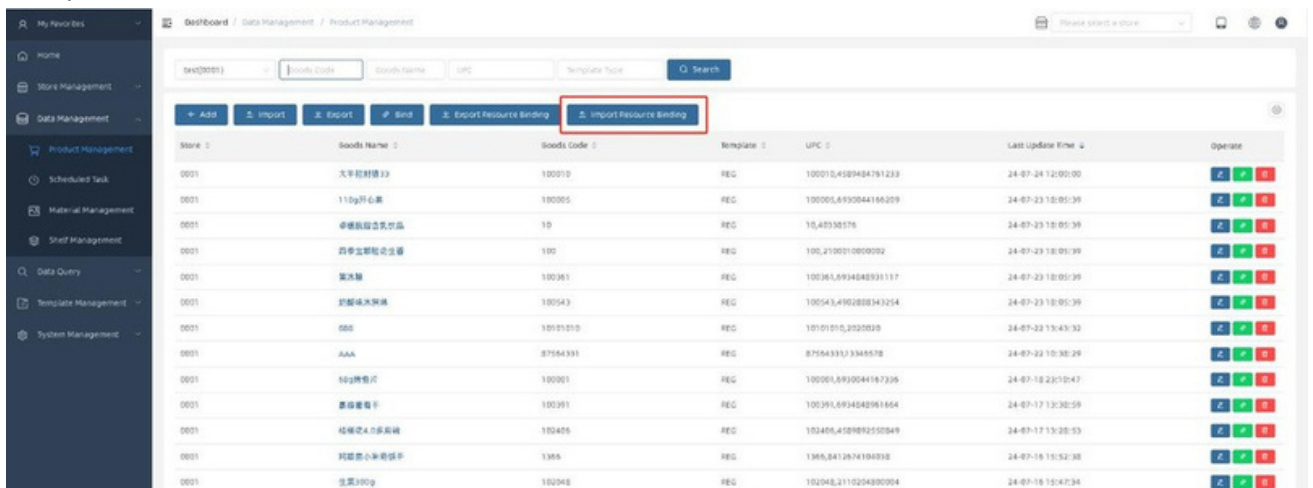


6.1.9 Import and export clip bind

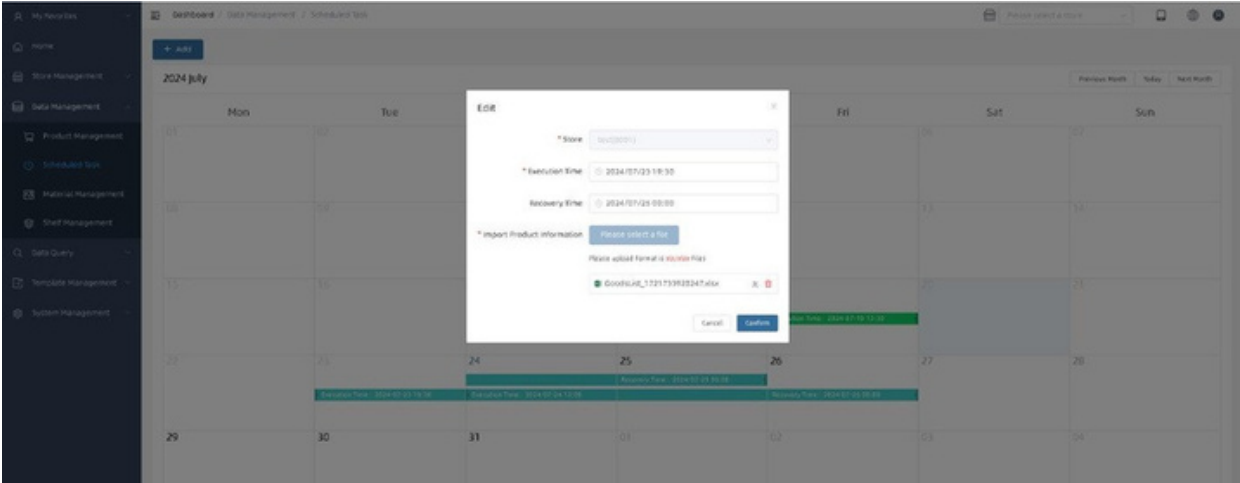
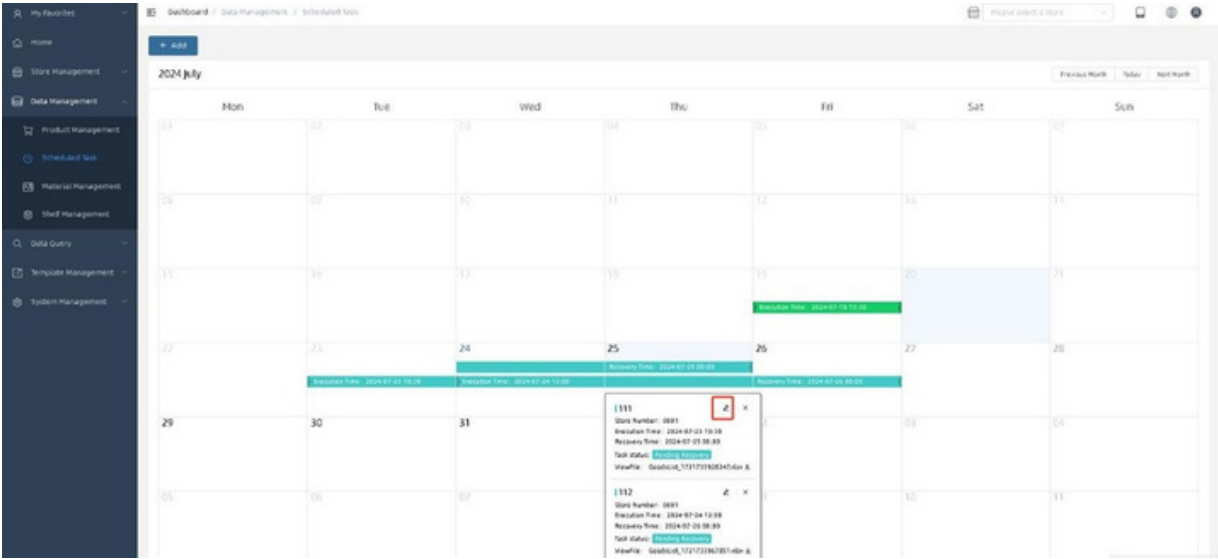
Select the shop you want to export and click the Export Material Bindings button to export the material and product bindings for that shop.



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

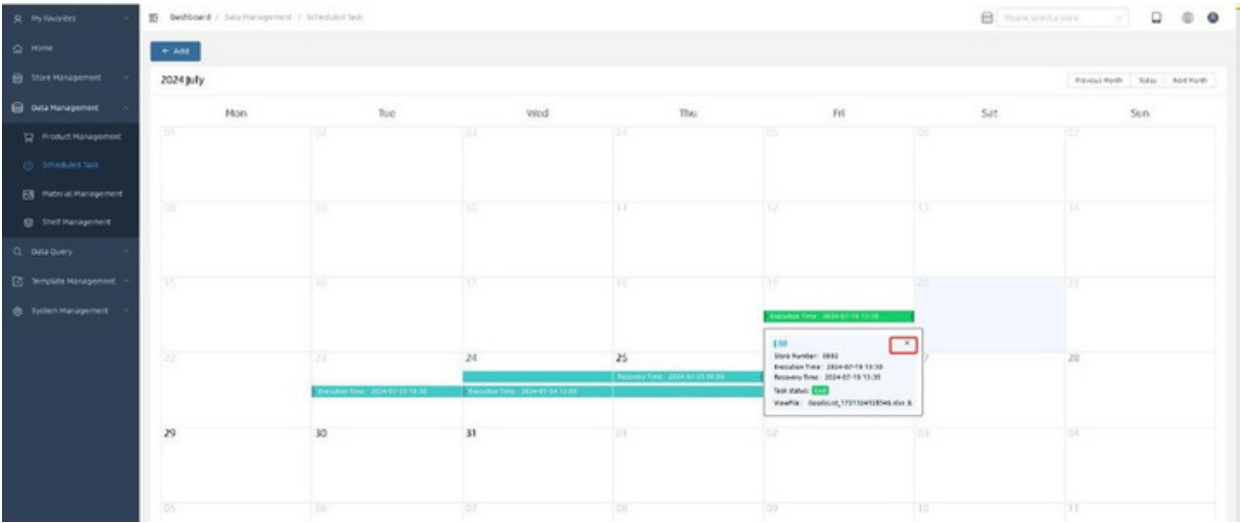


Limited Scope of Use



6.2.3 Delete Task

Atasknotstartedcanbe deleted directly by clicking the Delete button.

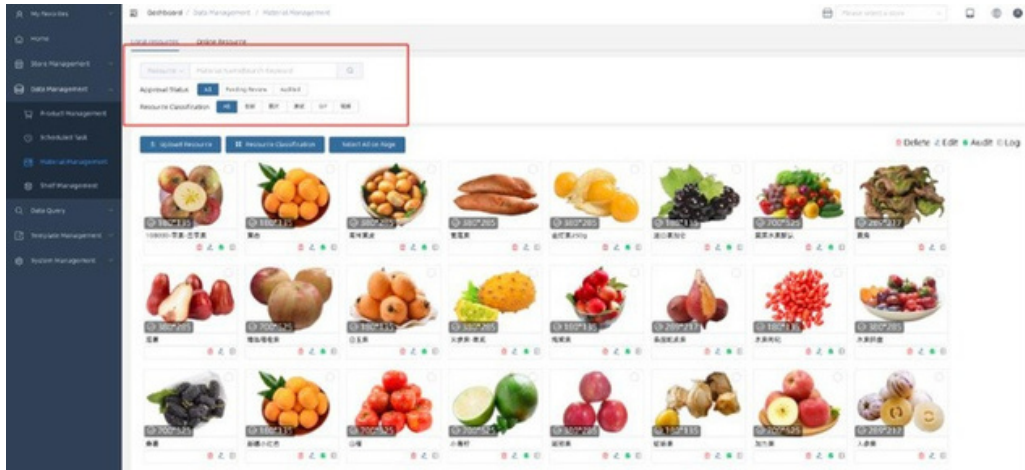


Limited Scope of Use

6.3 Material Management

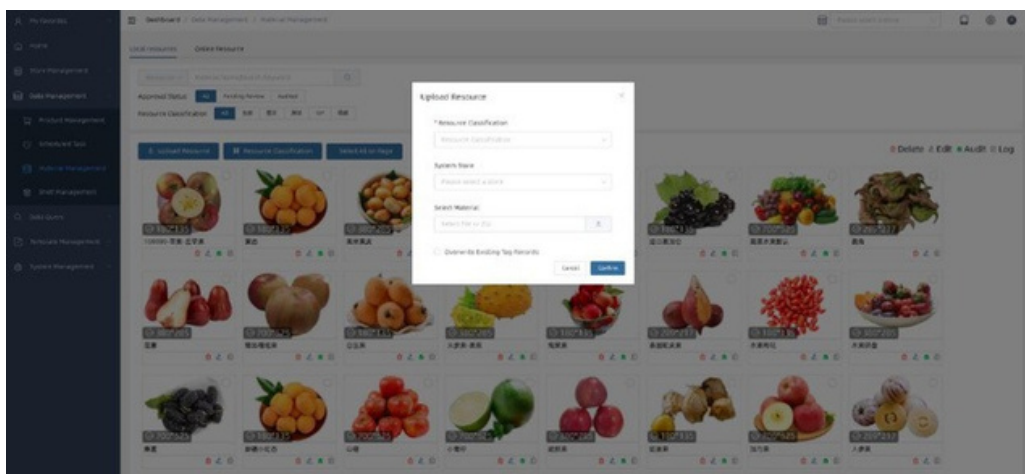
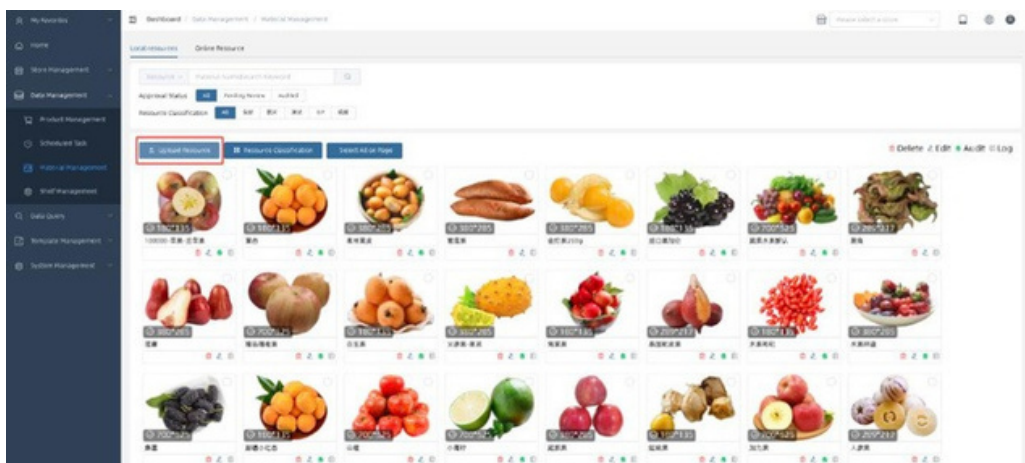
6.3.1 Enquiry Material

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

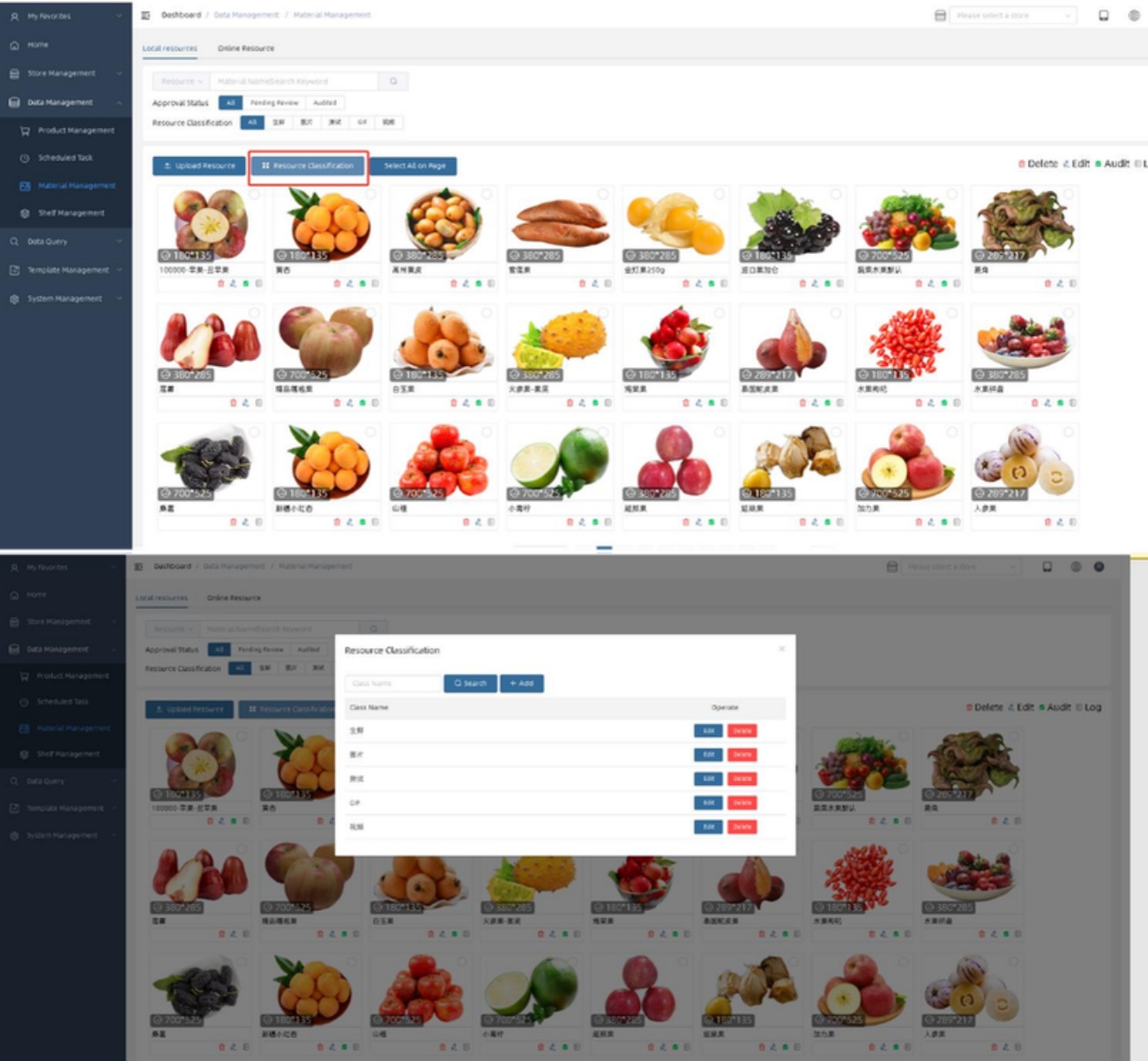
Click the UploadMaterialbutton to select the material file to upload, when the shop is selected and ticked to cover the current label record will automatically update the material bound to the product.



Limited Scope of Use

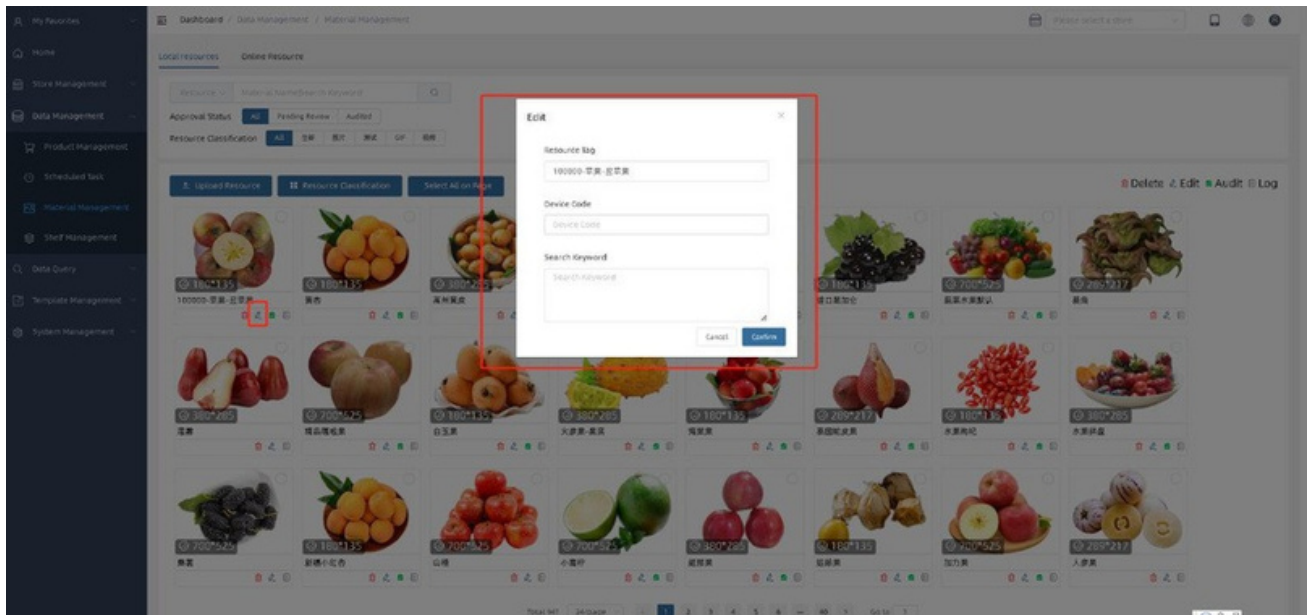
6.3.3 Material Classification Management

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



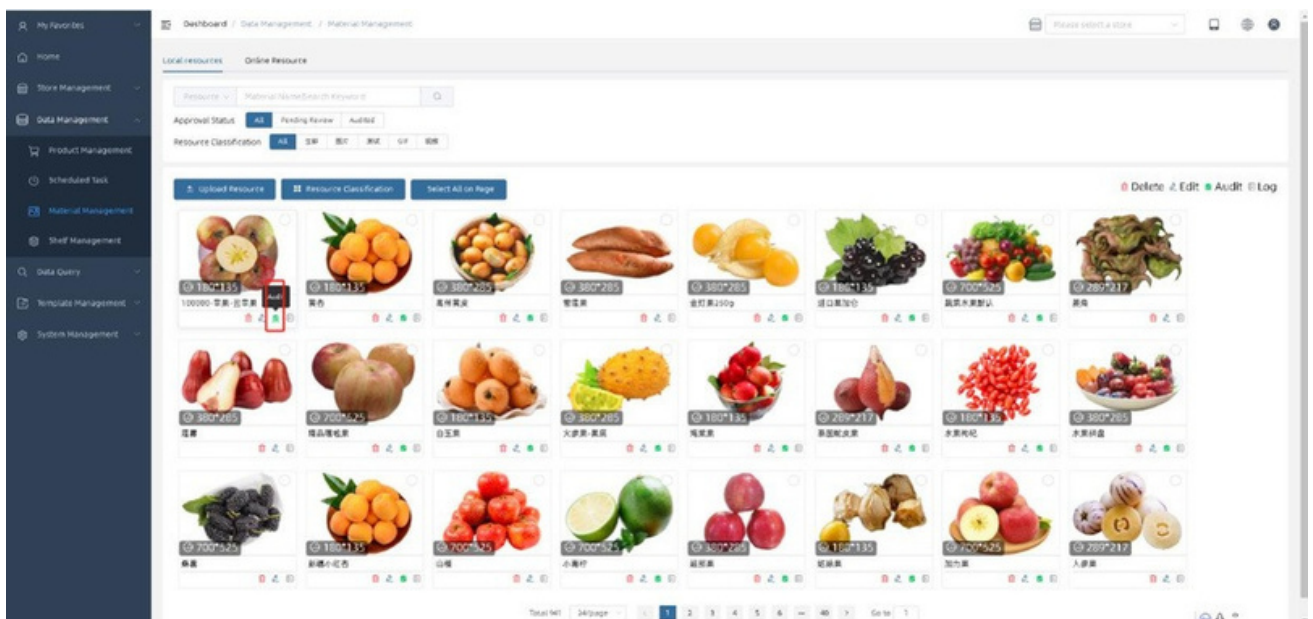
6.3.4 Edit material

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

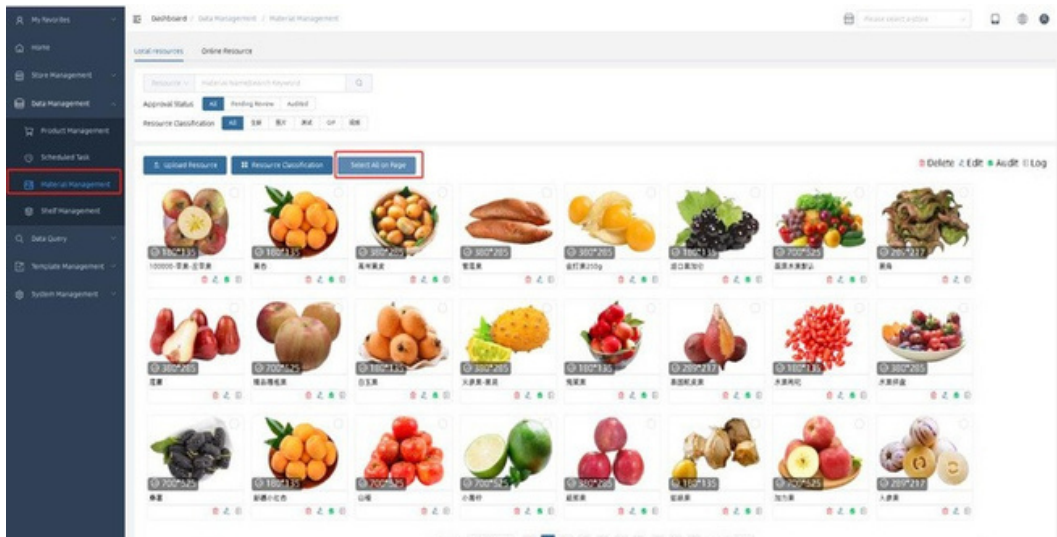


6.3.5 Review Material

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

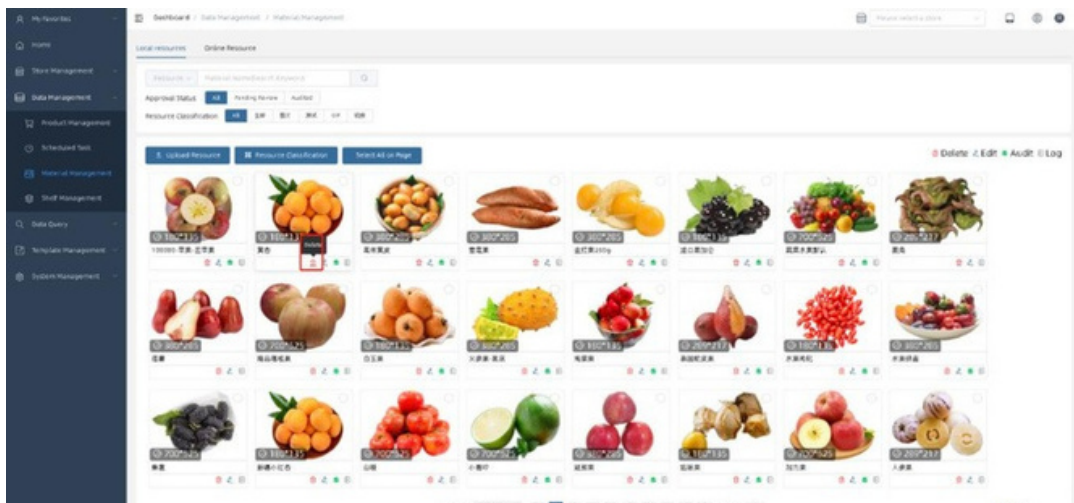


Click the Select All button on this page to batch-select the clips that need to be reviewed, and click the One Click Review button to review them successfully.

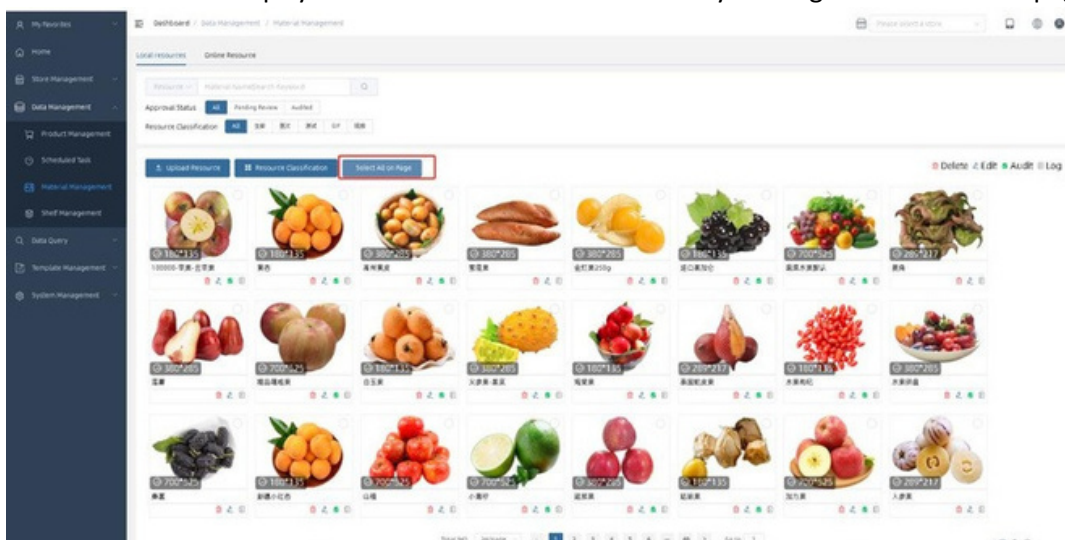


6.3.6 Delete material

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



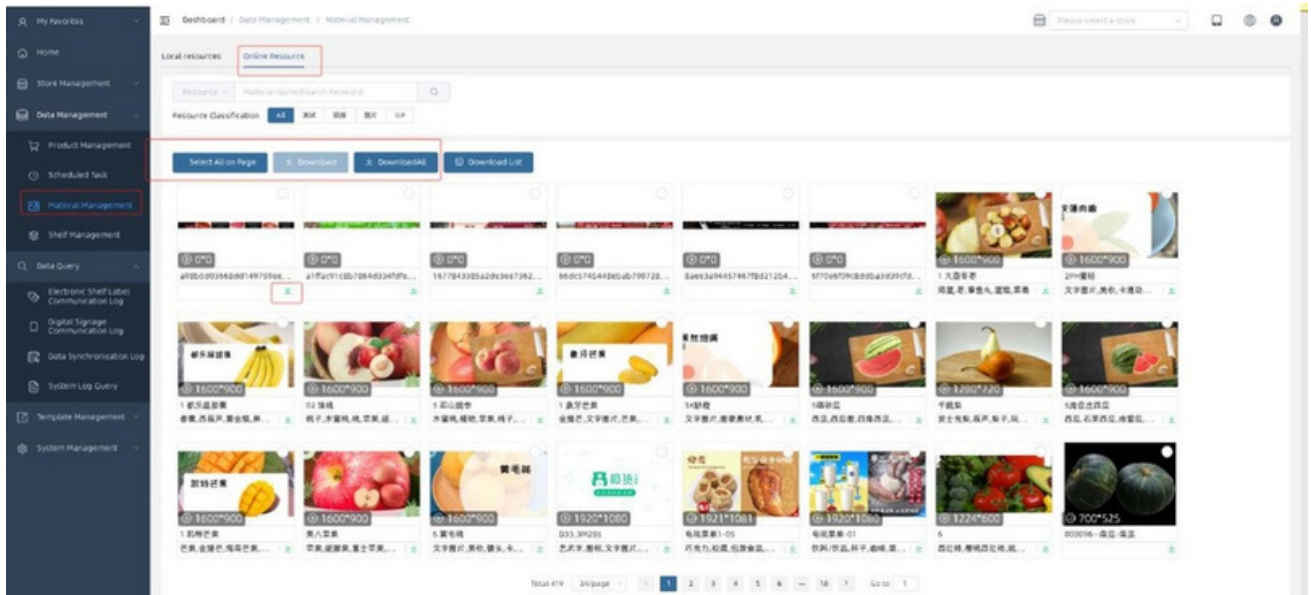
You can delete the clips you want to delete with one click by clicking Select All on this page.



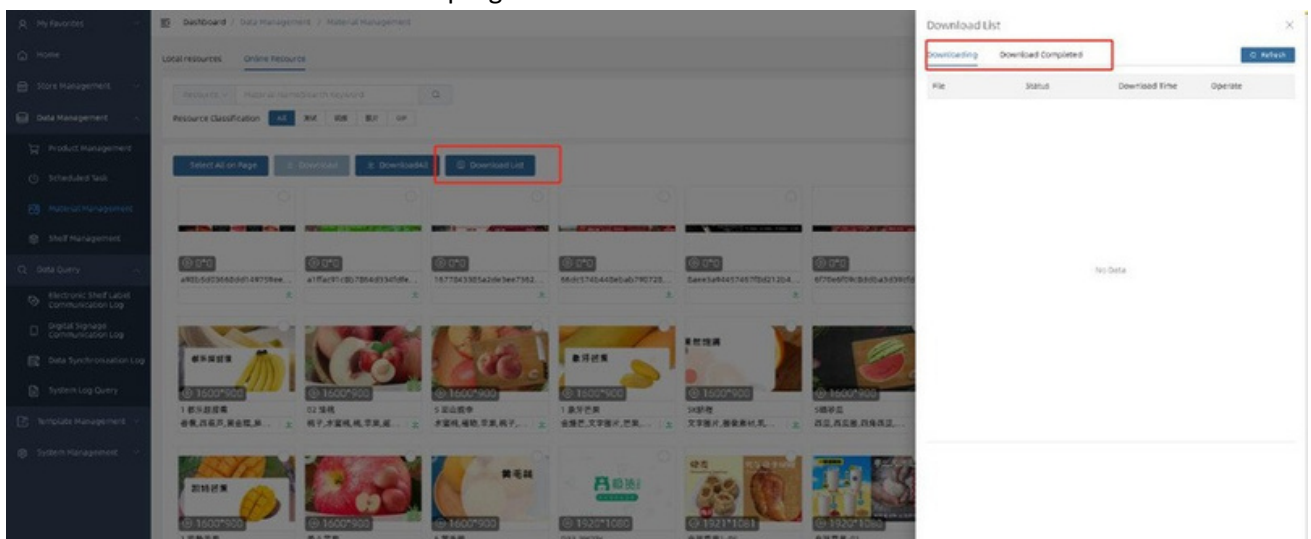
Limited Scope of Use

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.

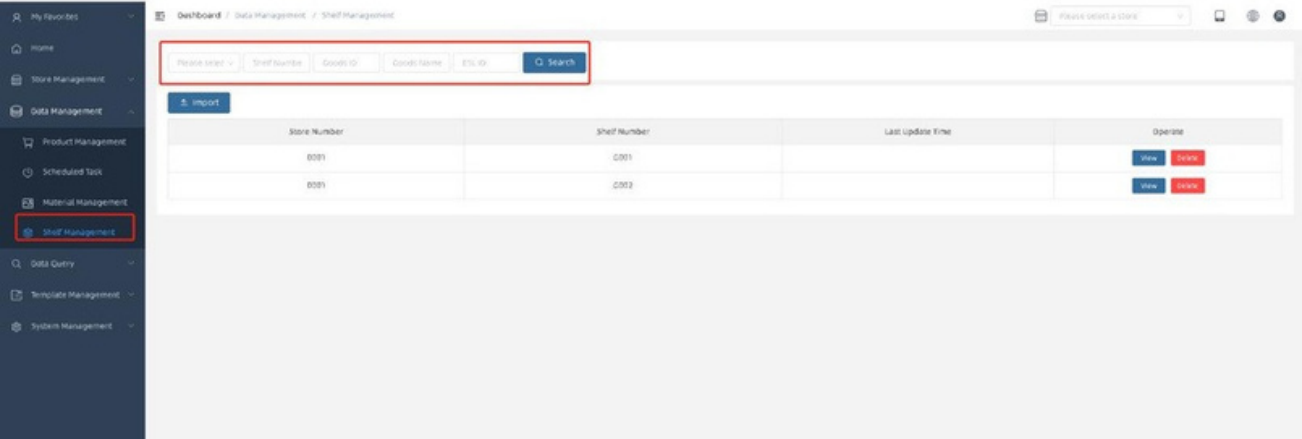


6.4 Display Management

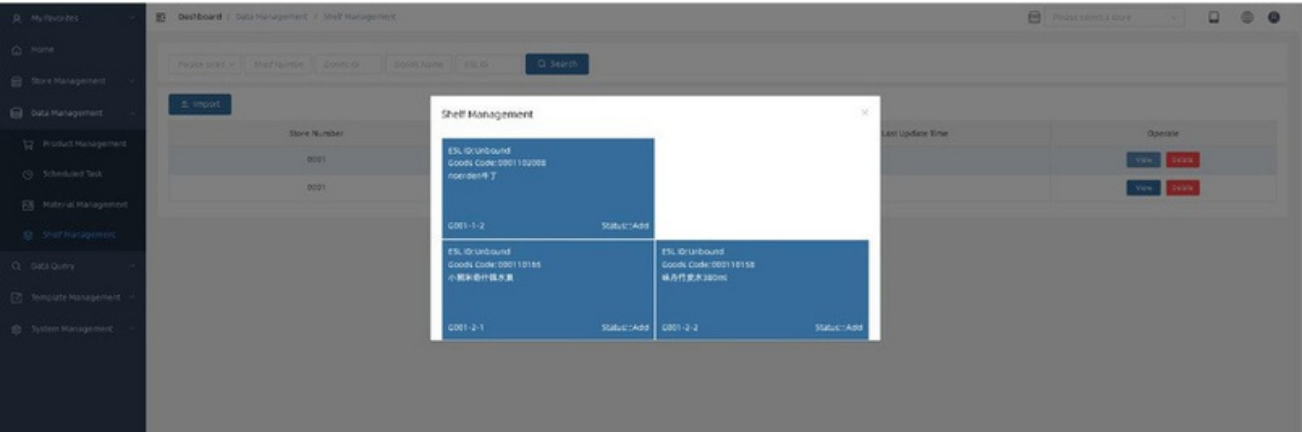
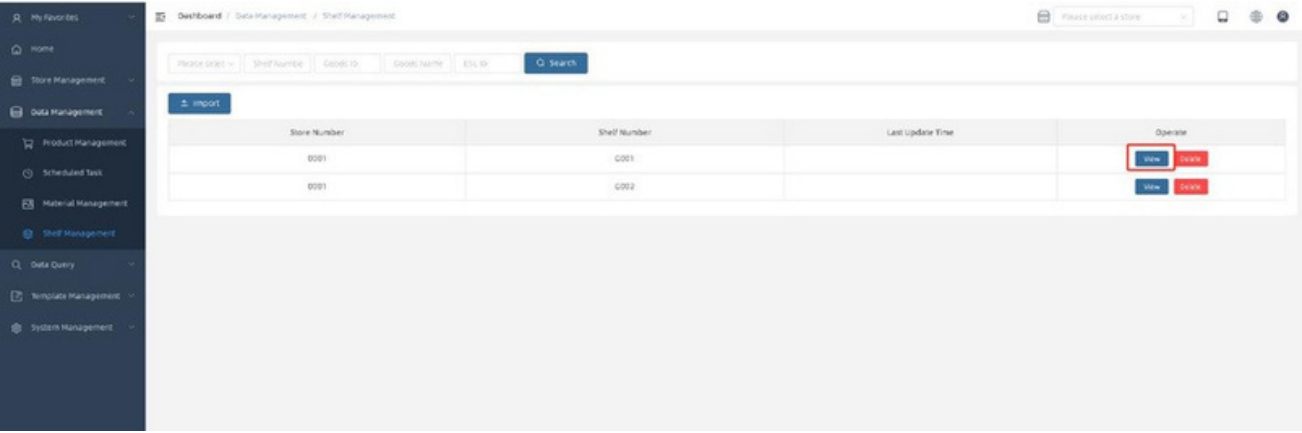
6.4.1 Check price tag

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

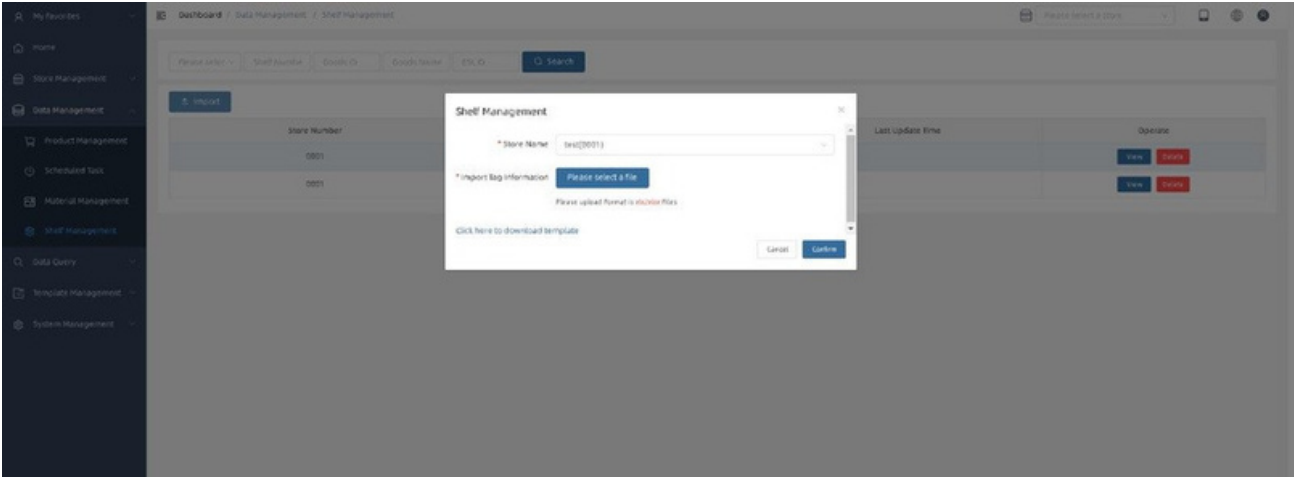
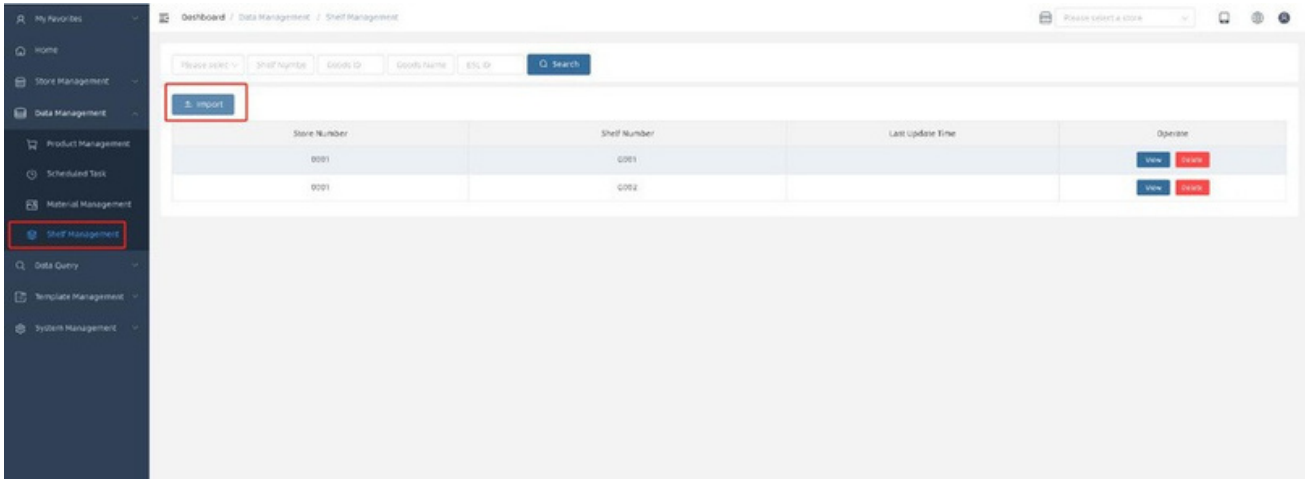


Click on a shelf's View button to see the display information for that shelf.



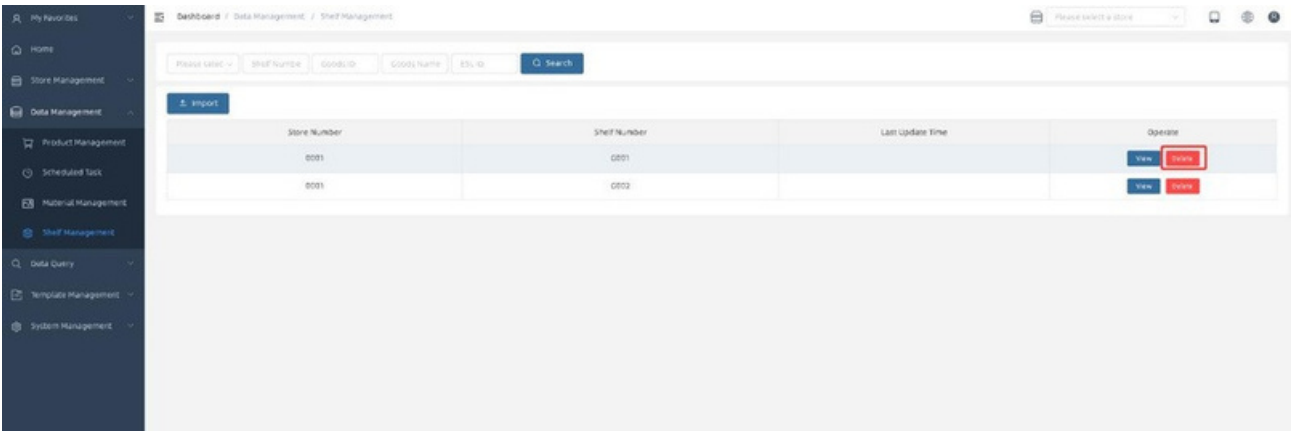
6.4.2 Import display information

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.



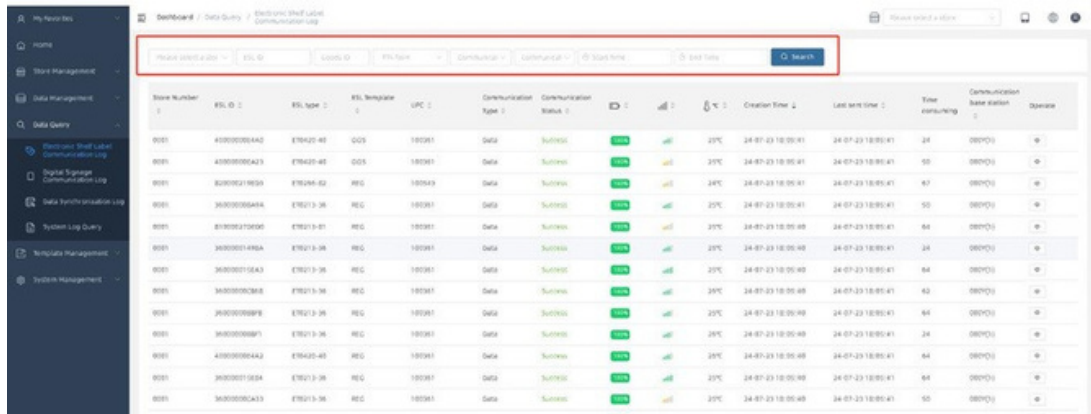
Limited Scope of Use

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.

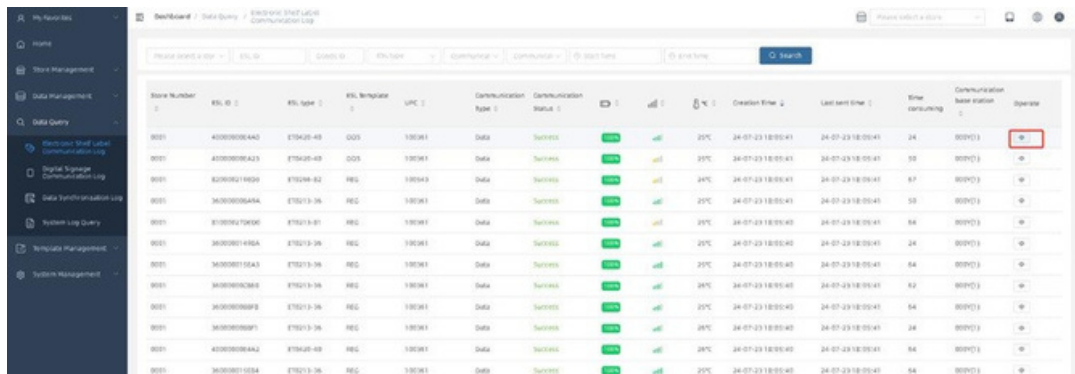


The screenshot shows the 'Electronic Shelf Label Communication Log' interface. At the top, there is a search bar with filters for 'Please select a shop', 'EPL ID', 'Goods ID', 'EPL Name', 'Communication Type', 'Communication Status', and 'Start Time'. A 'Search' button is located to the right of the 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, Creation Time, Last sent time, Time consuming, Communication base station, and Operator. The table contains 20 rows of data, each representing a communication record.

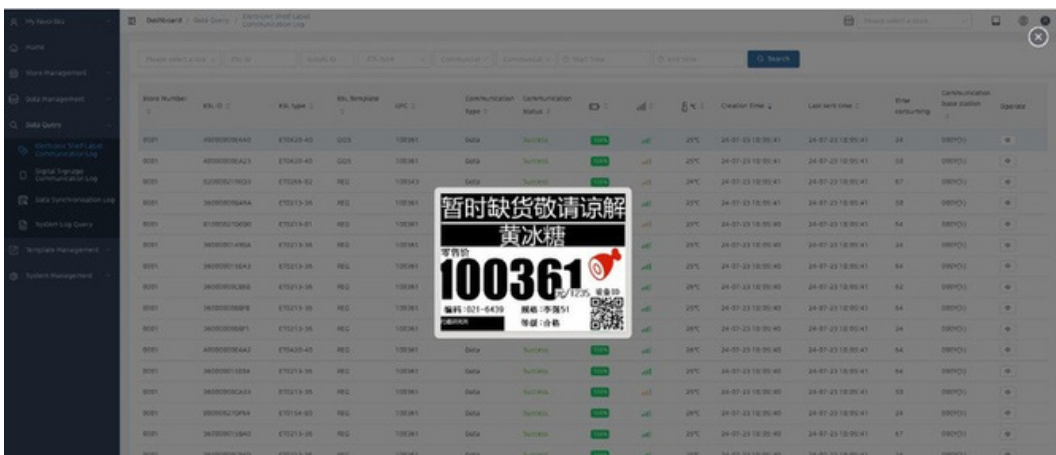
Store Number	EPL ID	EPL Type	EPL Template	UPC	Communication Type	Communication Status	Creation Time	Last sent time	Time consuming	Communication base station	Operator
0001	400000000440	E70420-40	Q05	100361	Data	Success	20%	24-07-23 18:00:41	24-07-23 18:00:41	24	000101
0001	400000000443	E70420-40	Q05	100361	Data	Success	20%	24-07-23 18:00:41	24-07-23 18:00:41	50	000101
0001	820000210030	E70204-02	REG	100343	Data	Success	24%	24-07-23 18:00:41	24-07-23 18:00:41	67	000101
0001	360000000404	E70213-36	REG	100361	Data	Success	20%	24-07-23 18:00:41	24-07-23 18:00:41	50	000101
0001	810000210030	E70213-01	REG	100361	Data	Success	20%	24-07-23 18:00:40	24-07-23 18:00:41	64	000101
0001	360000014004	E70213-36	REG	100361	Data	Success	20%	24-07-23 18:00:40	24-07-23 18:00:41	24	000101
0001	360000010043	E70213-36	REG	100361	Data	Success	20%	24-07-23 18:00:40	24-07-23 18:00:41	64	000101
0001	360000000360	E70213-36	REG	100361	Data	Success	20%	24-07-23 18:00:40	24-07-23 18:00:41	62	000101
0001	360000000809	E70213-36	REG	100361	Data	Success	20%	24-07-23 18:00:40	24-07-23 18:00:41	64	000101
0001	360000000801	E70213-36	REG	100361	Data	Success	20%	24-07-23 18:00:40	24-07-23 18:00:41	24	000101
0001	400000000442	E70420-40	REG	100361	Data	Success	20%	24-07-23 18:00:40	24-07-23 18:00:41	64	000101
0001	360000010034	E70213-36	REG	100361	Data	Success	20%	24-07-23 18:00:40	24-07-23 18:00:41	64	000101
0001	360000000433	E70213-36	REG	100361	Data	Success	20%	24-07-23 18:00:40	24-07-23 18:00:41	50	000101

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.

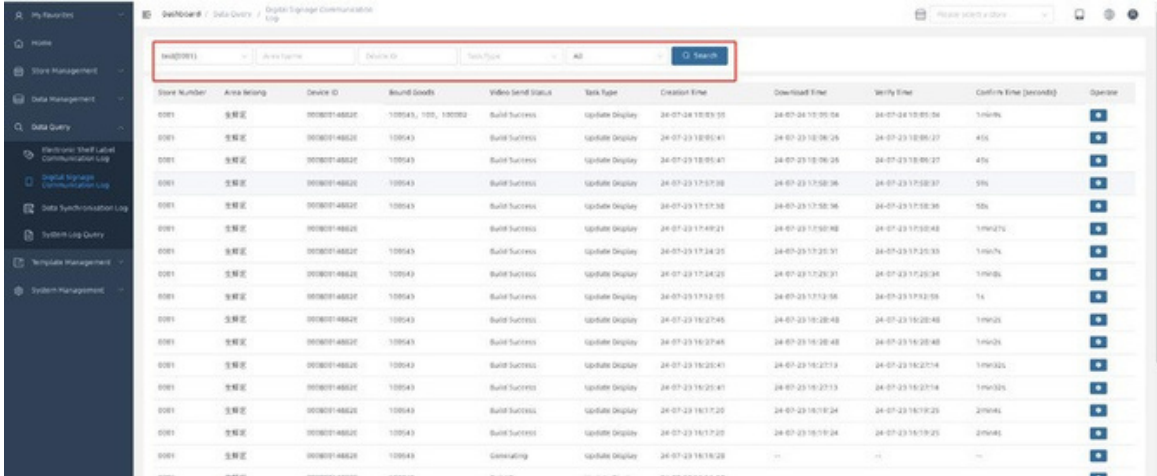


This screenshot is similar to the previous one, but the 'Preview' button in the 'Operator' column of the first row is highlighted with a red box, indicating the action to be taken to preview the price tag.

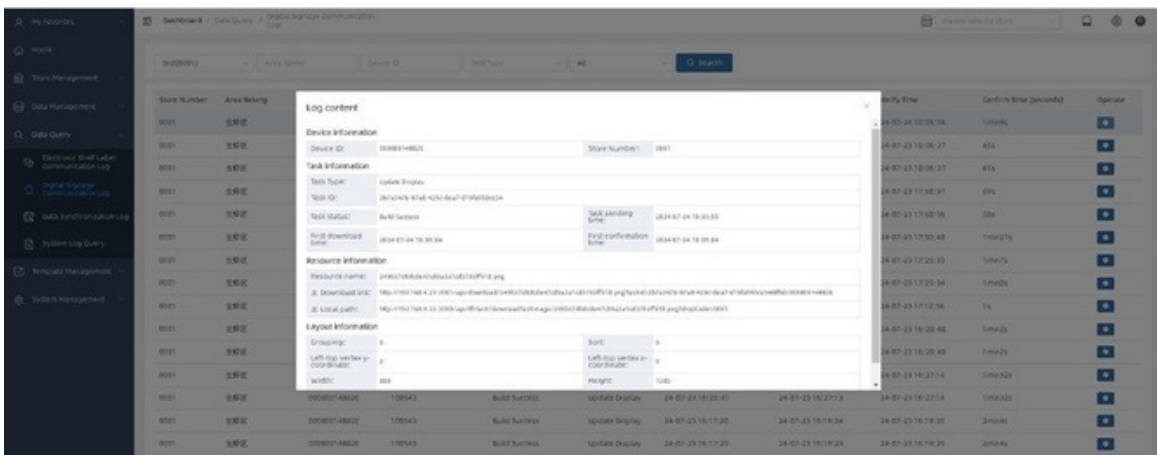
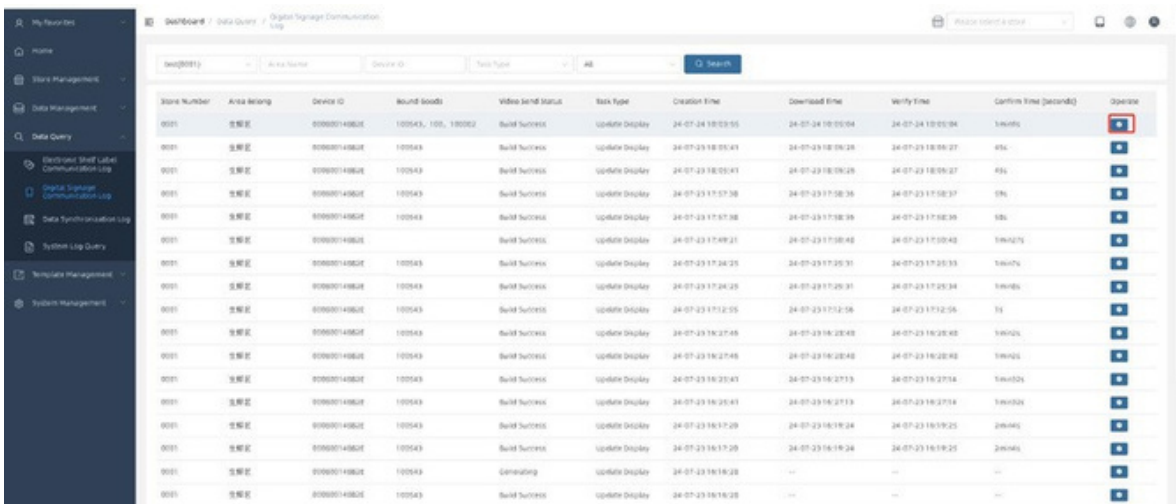


7.2.1 Enquiry record

You can quickly retrieve the communication records you need based on shop, area name, device ID, task



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



Limited Scope of Use

7.3 Data Synchronization Record

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

Store Number	Log encoding	Log level	Description	Time of occurrence
0001	4382	info	Data sync done, Find 0014, update: 0, insert: 0, syncType: 0-0	24-07-23 18:08:55
0001	4382	info	Data sync done, Find 0014, update: 0, insert: 0, syncType: 0-0	24-07-23 18:09:52
0001	4382	info	Data sync done, Find 0014, update: 0, insert: 0, syncType: 0-0	24-07-23 18:08:49
0001	4382	info	Data sync done, Find 0014, update: 0, insert: 0, syncType: 0-0	24-07-23 18:09:48
0001	4382	info	Data sync done, Find 0014, update: 0, insert: 0, syncType: 0-0	24-07-23 18:08:42
0001	4382	info	Data sync done, Find 0014, update: 0, insert: 0, syncType: 0-0	24-07-23 18:08:40
Global	4380	info	DataSync service start, DataSync Server version: 0.1.22.03, TopShopNumber: 10, DataSyncStatus: 0	24-07-23 18:08:37
Global	4380	info	DataSync service start, DataSync Server version: 0.1.22.03, TopShopNumber: 10, DataSyncStatus: 0	24-07-23 18:08:55

7.4 System Log Query

7.4.1 Query log

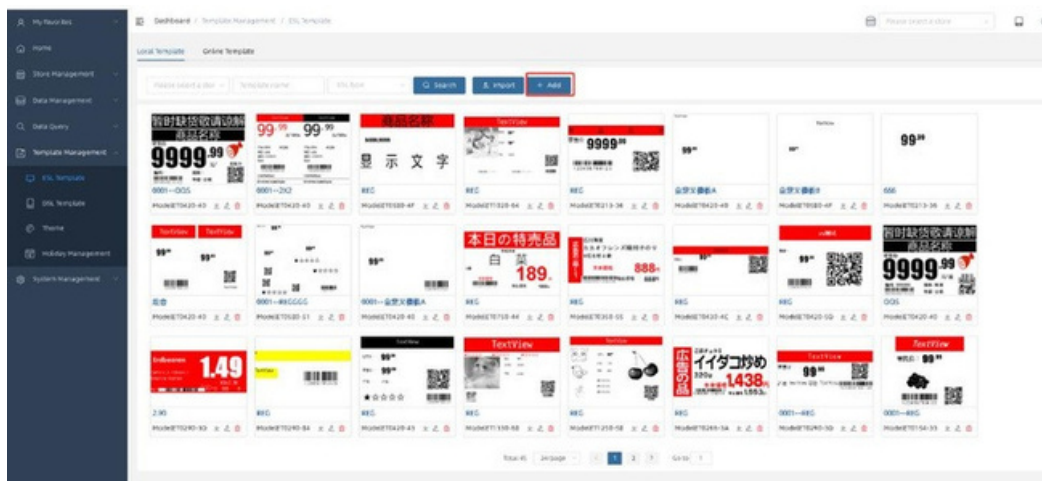
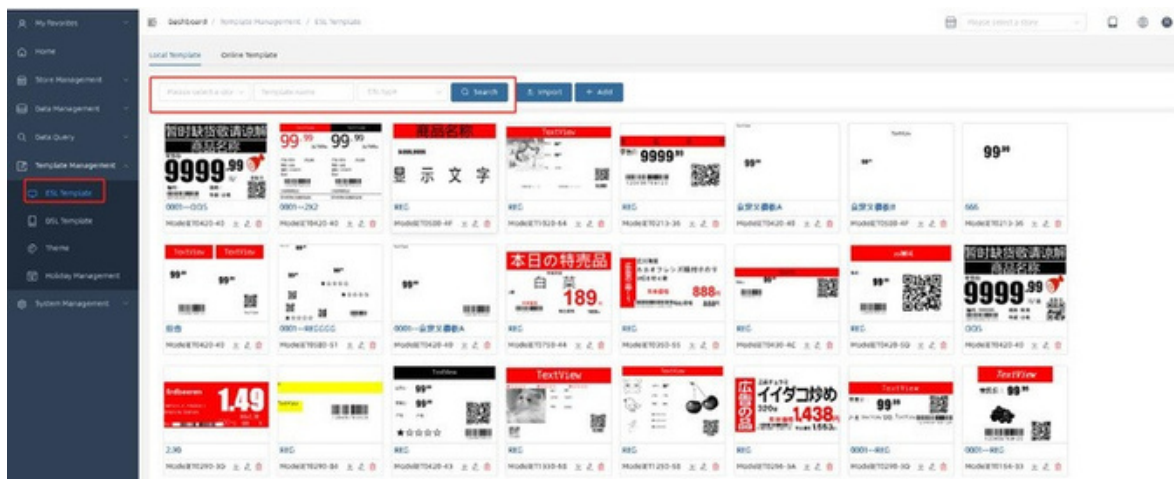
You can quickly search for the log information you need, based on shop, message code, log level, and when a log occurs.

Store Number	Log encoding	Log level	System log	Time of occurrence	Operate
Global	9999	Error	unknown error, System.Net.Http.HttpRequestException: Response status code does not indicate success: 401 (Unauthorized), at System.Net.Http.HttpResponseMessage.EnsureSuccessStatusCode() at TianCloud.Service.AsyncSyncEngine.Proxy(71,72)(HttpClient httpClient,	24-07-24 13:38:47	Operate
Global	9999	Error	unknown error, System.Net.Http.HttpRequestException: Response status code does not indicate success: 401 (Unauthorized), at System.Net.Http.HttpResponseMessage.EnsureSuccessStatusCode() at TianCloud.Service.AsyncSyncEngine.Proxy(71,72)(HttpClient httpClient,	24-07-24 13:38:47	Operate
Global	9999	Error	unknown error, System.Net.Http.HttpRequestException: Response status code does not indicate success: 401 (Unauthorized), at System.Net.Http.HttpResponseMessage.EnsureSuccessStatusCode() at TianCloud.Service.AsyncSyncEngine.Proxy(71,72)(HttpClient httpClient,	24-07-24 13:39:24	Operate
Global	9999	Error	unknown error, System.Net.Http.HttpRequestException: Response status code does not indicate success: 401 (Unauthorized), at System.Net.Http.HttpResponseMessage.EnsureSuccessStatusCode() at TianCloud.Service.AsyncSyncEngine.Proxy(71,72)(HttpClient httpClient,	24-07-24 13:39:08	Operate
Global	9999	Error	unknown error, System.Net.Http.HttpRequestException: Response status code does not indicate success: 401 (Unauthorized), at System.Net.Http.HttpResponseMessage.EnsureSuccessStatusCode() at TianCloud.Service.AsyncSyncEngine.Proxy(71,72)(HttpClient httpClient,	24-07-24 13:39:03	Operate
Global	9999	Error	unknown error, System.Net.Http.HttpRequestException: Response status code does not indicate success: 401 (Unauthorized), at System.Net.Http.HttpResponseMessage.EnsureSuccessStatusCode() at TianCloud.Service.AsyncSyncEngine.Proxy(71,72)(HttpClient httpClient,	24-07-24 13:34:58	Operate
Global	9999	Error	unknown error, System.Net.Http.HttpRequestException: Response status code does not indicate success: 401 (Unauthorized), at System.Net.Http.HttpResponseMessage.EnsureSuccessStatusCode() at TianCloud.Service.AsyncSyncEngine.Proxy(71,72)(HttpClient httpClient,	24-07-24 13:34:58	Operate
Global	9999	Error	unknown error, System.Net.Http.HttpRequestException: Response status code does not indicate success: 401 (Unauthorized), at System.Net.Http.HttpResponseMessage.EnsureSuccessStatusCode() at TianCloud.Service.AsyncSyncEngine.Proxy(71,72)(HttpClient httpClient,	24-07-24 13:34:50	Operate
Global	9999	Error	unknown error, System.Net.Http.HttpRequestException: Response status code does not indicate success: 401 (Unauthorized), at System.Net.Http.HttpResponseMessage.EnsureSuccessStatusCode() at TianCloud.Service.AsyncSyncEngine.Proxy(71,72)(HttpClient httpClient,	24-07-24 13:34:31	Operate
Global	9999	Error	unknown error, System.Net.Http.HttpRequestException: Response status code does not indicate success: 401 (Unauthorized), at System.Net.Http.HttpResponseMessage.EnsureSuccessStatusCode() at TianCloud.Service.AsyncSyncEngine.Proxy(71,72)(HttpClient httpClient,	24-07-24 13:34:31	Operate

7.4.2 Log details

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

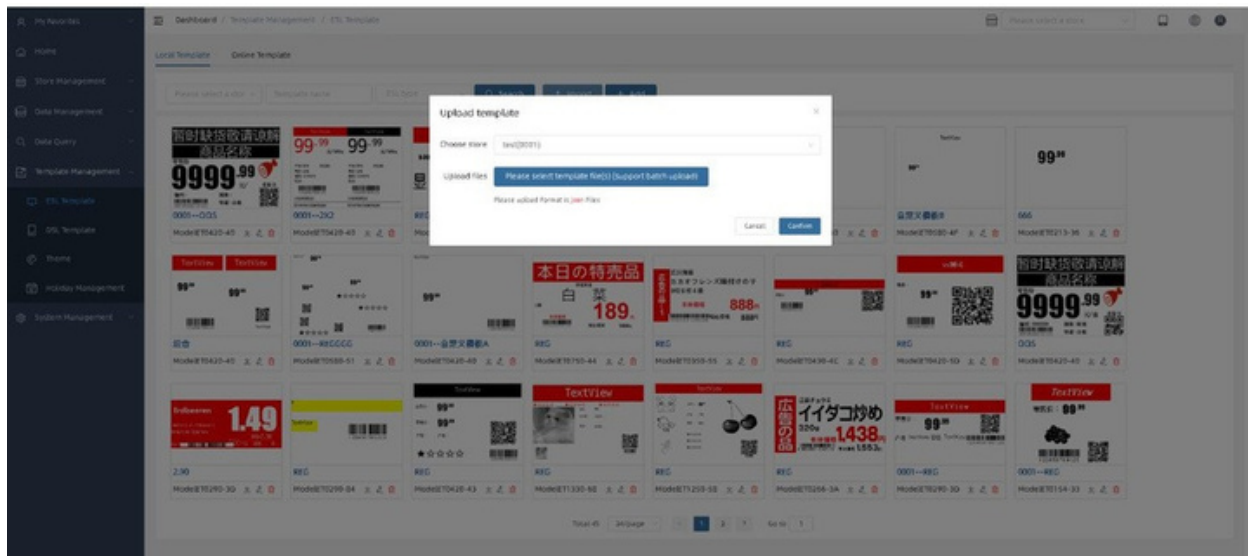
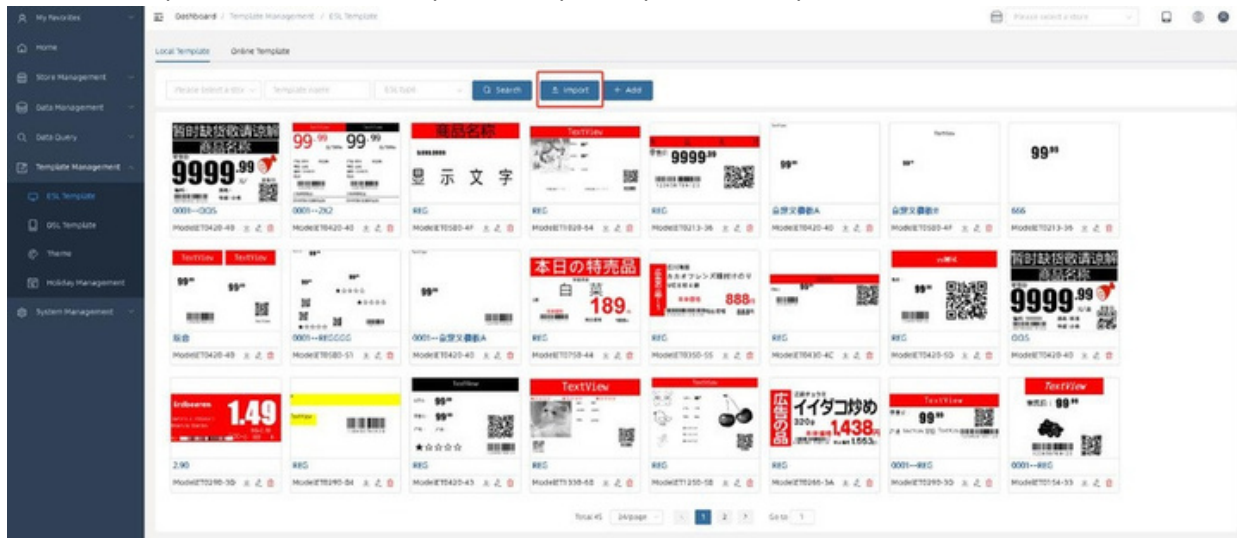
Store Number	Log encoding	Log level	System log	Time of occurrence	Operate
Global	9999	Error	unknown error, System.Net.Http.HttpRequestException: Response status code does not indicate success: 401 (Unauthorized), at System.Net.Http.HttpResponseMessage.EnsureSuccessStatusCode() at TianCloud.Service.AsyncSyncEngine.Proxy(71,72)(HttpClient httpClient,	24-07-24 13:38:47	Operate
Global	9999	Error	unknown error, System.Net.Http.HttpRequestException: Response status code does not indicate success: 401 (Unauthorized), at System.Net.Http.HttpResponseMessage.EnsureSuccessStatusCode() at TianCloud.Service.AsyncSyncEngine.Proxy(71,72)(HttpClient httpClient,	24-07-24 13:38:47	Operate
Global	9999	Error	unknown error, System.Net.Http.HttpRequestException: Response status code does not indicate success: 401 (Unauthorized), at System.Net.Http.HttpResponseMessage.EnsureSuccessStatusCode() at TianCloud.Service.AsyncSyncEngine.Proxy(71,72)(HttpClient httpClient,	24-07-24 13:39:24	Operate
Global	9999	Error	unknown error, System.Net.Http.HttpRequestException: Response status code does not indicate success: 401 (Unauthorized), at System.Net.Http.HttpResponseMessage.EnsureSuccessStatusCode() at TianCloud.Service.AsyncSyncEngine.Proxy(71,72)(HttpClient httpClient,	24-07-24 13:39:08	Operate
Global	9999	Error	unknown error, System.Net.Http.HttpRequestException: Response status code does not indicate success: 401 (Unauthorized), at System.Net.Http.HttpResponseMessage.EnsureSuccessStatusCode() at TianCloud.Service.AsyncSyncEngine.Proxy(71,72)(HttpClient httpClient,	24-07-24 13:39:03	Operate
Global	9999	Error	unknown error, System.Net.Http.HttpRequestException: Response status code does not indicate success: 401 (Unauthorized), at System.Net.Http.HttpResponseMessage.EnsureSuccessStatusCode() at TianCloud.Service.AsyncSyncEngine.Proxy(71,72)(HttpClient httpClient,	24-07-24 13:34:58	Operate
Global	9999	Error	unknown error, System.Net.Http.HttpRequestException: Response status code does not indicate success: 401 (Unauthorized), at System.Net.Http.HttpResponseMessage.EnsureSuccessStatusCode() at TianCloud.Service.AsyncSyncEngine.Proxy(71,72)(HttpClient httpClient,	24-07-24 13:34:58	Operate
Global	9999	Error	unknown error, System.Net.Http.HttpRequestException: Response status code does not indicate success: 401 (Unauthorized), at System.Net.Http.HttpResponseMessage.EnsureSuccessStatusCode() at TianCloud.Service.AsyncSyncEngine.Proxy(71,72)(HttpClient httpClient,	24-07-24 13:34:50	Operate
Global	9999	Error	unknown error, System.Net.Http.HttpRequestException: Response status code does not indicate success: 401 (Unauthorized), at System.Net.Http.HttpResponseMessage.EnsureSuccessStatusCode() at TianCloud.Service.AsyncSyncEngine.Proxy(71,72)(HttpClient httpClient,	24-07-24 13:34:31	Operate
Global	9999	Error	unknown error, System.Net.Http.HttpRequestException: Response status code does not indicate success: 401 (Unauthorized), at System.Net.Http.HttpResponseMessage.EnsureSuccessStatusCode() at TianCloud.Service.AsyncSyncEngine.Proxy(71,72)(HttpClient httpClient,	24-07-24 13:34:31	Operate



Limited Scope of Use

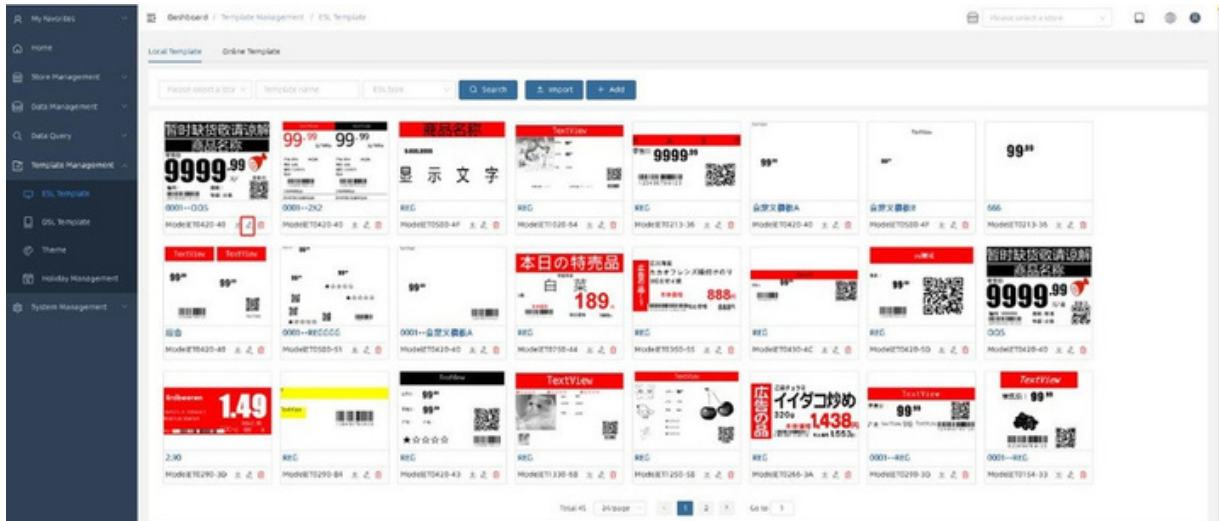
8.1.3 Import Template

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



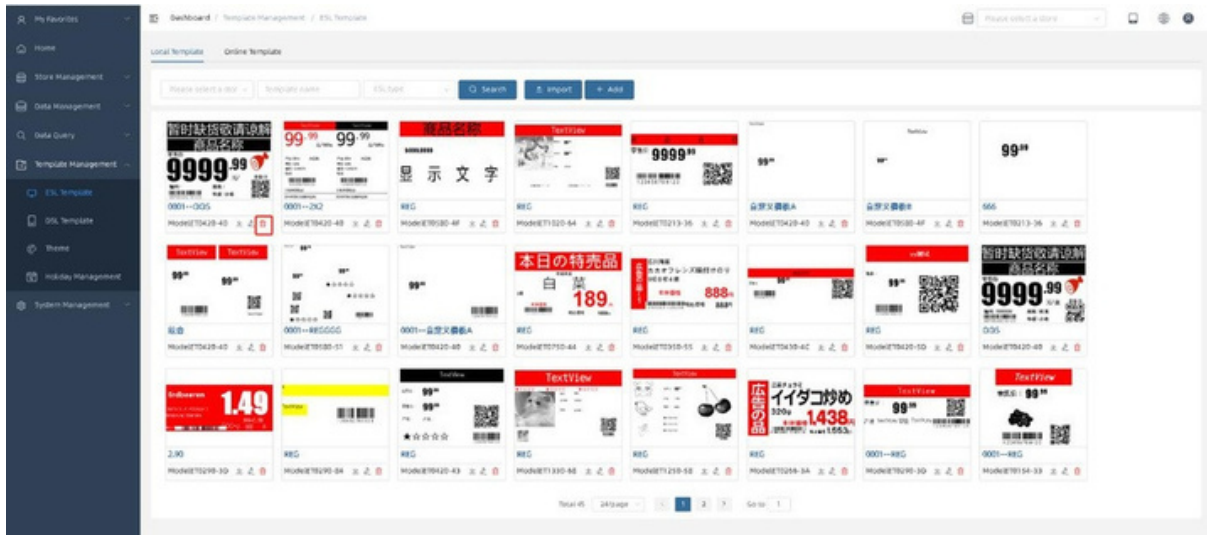
8.1.4 Edit Template

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



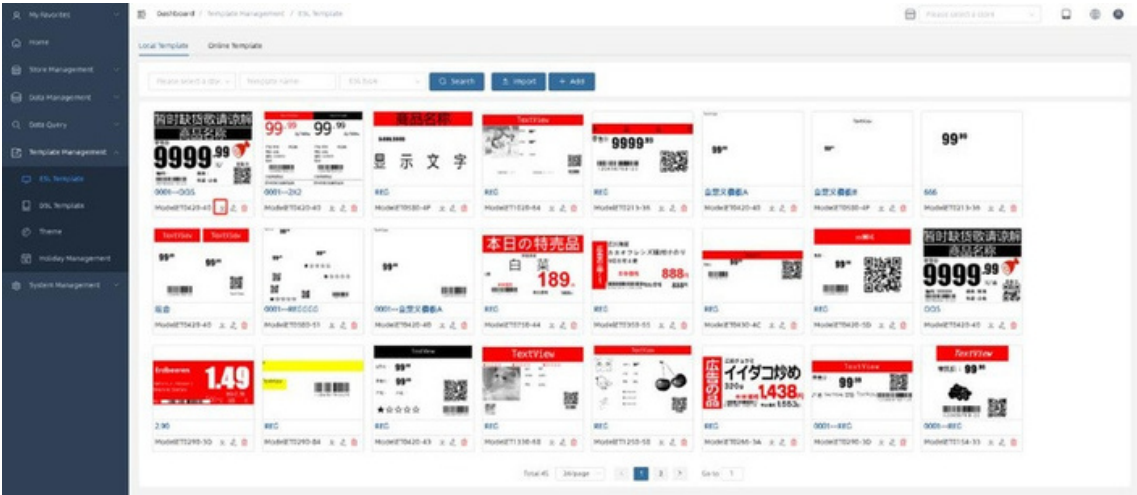
8.1.5 Delete Template

Click the Delete button to delete the specified template.



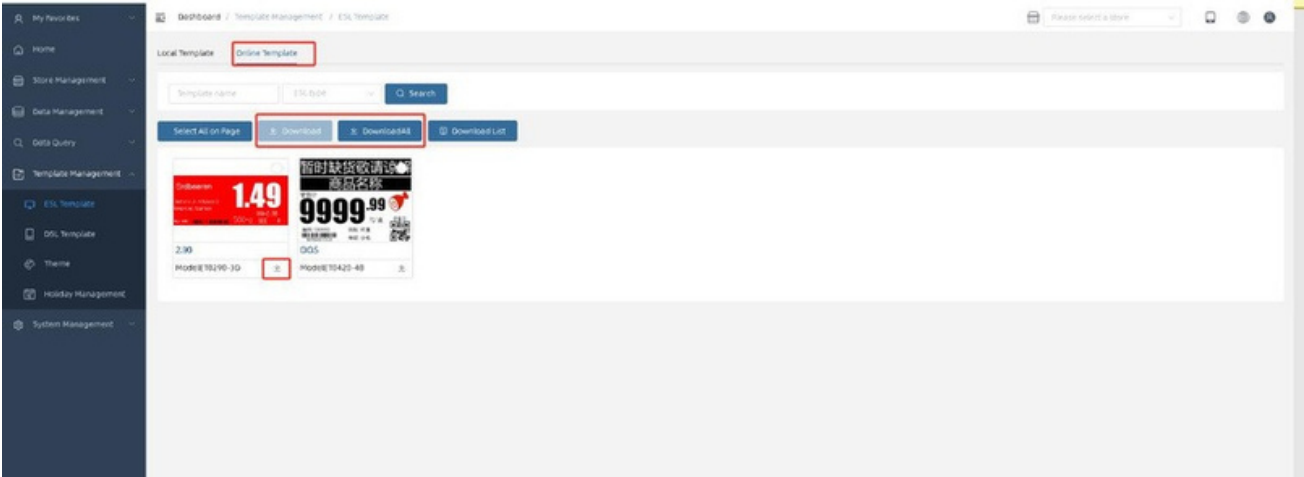
8.1.6 Download Template

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

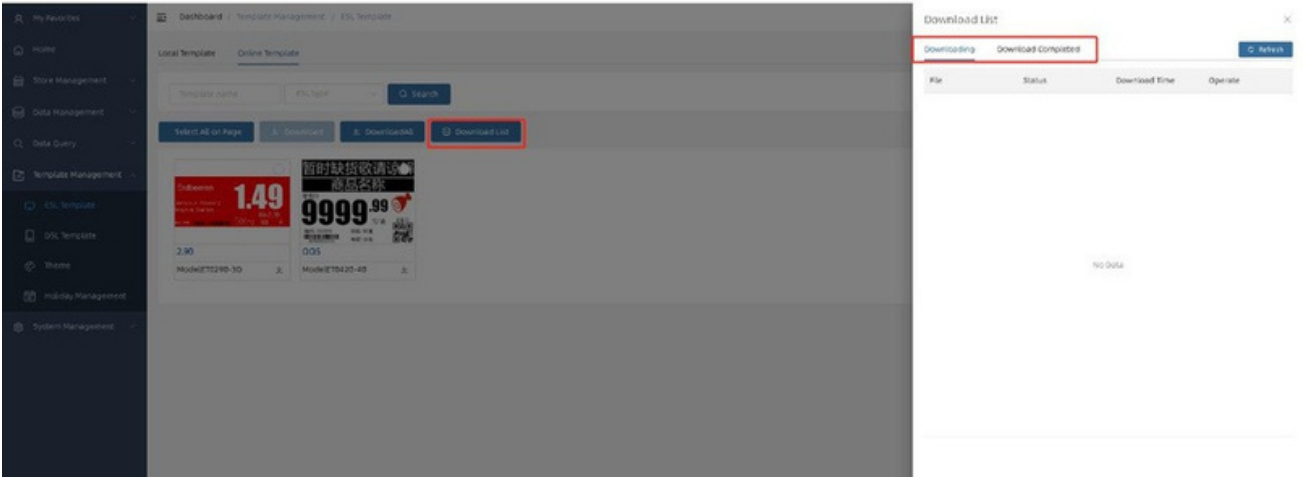


8.1.7 Online Template

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.

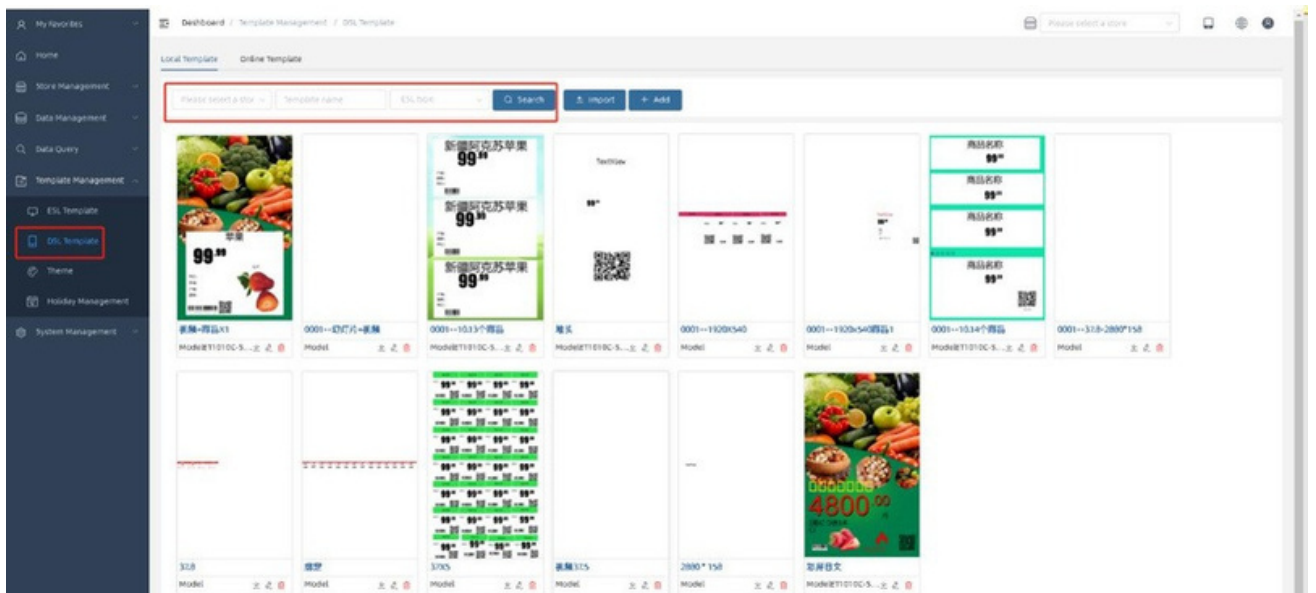


Limited Scope of Use

8.2 DSL Template

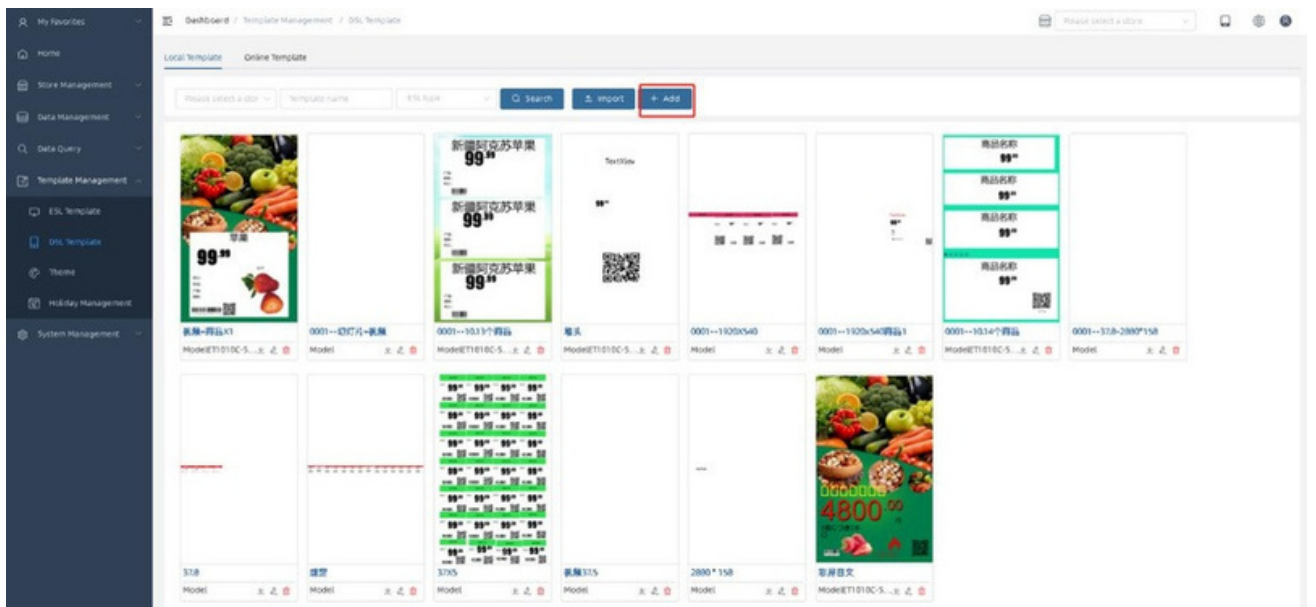
8.2.1 Enquiry Template

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



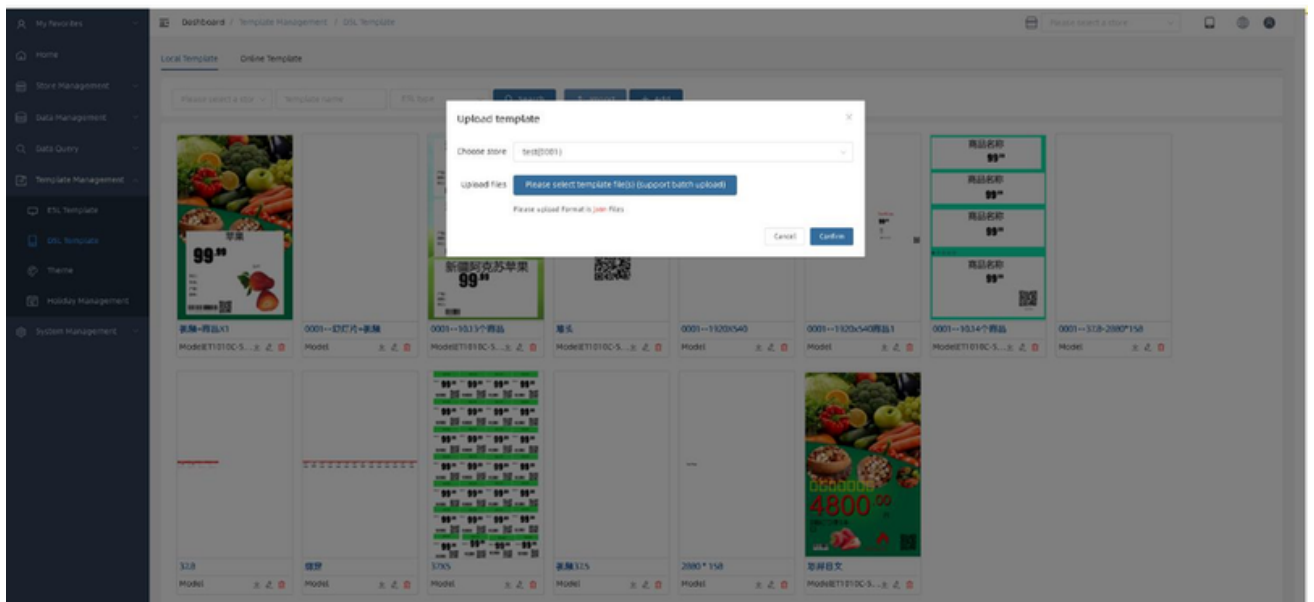
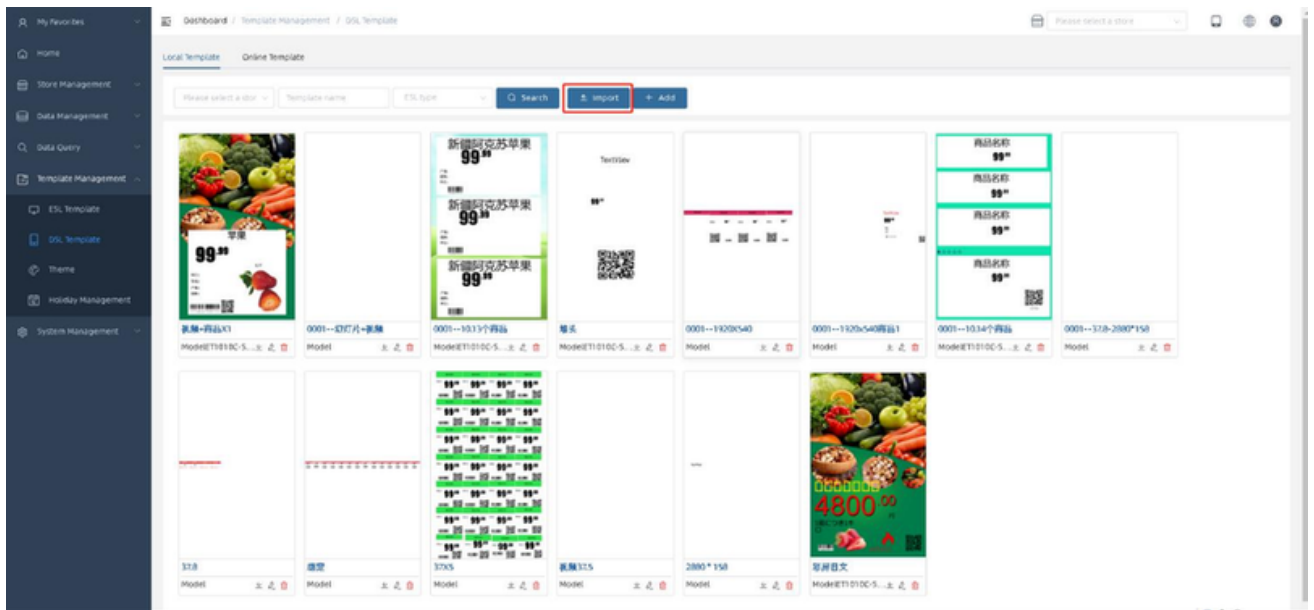
8.2.2 Add Template

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



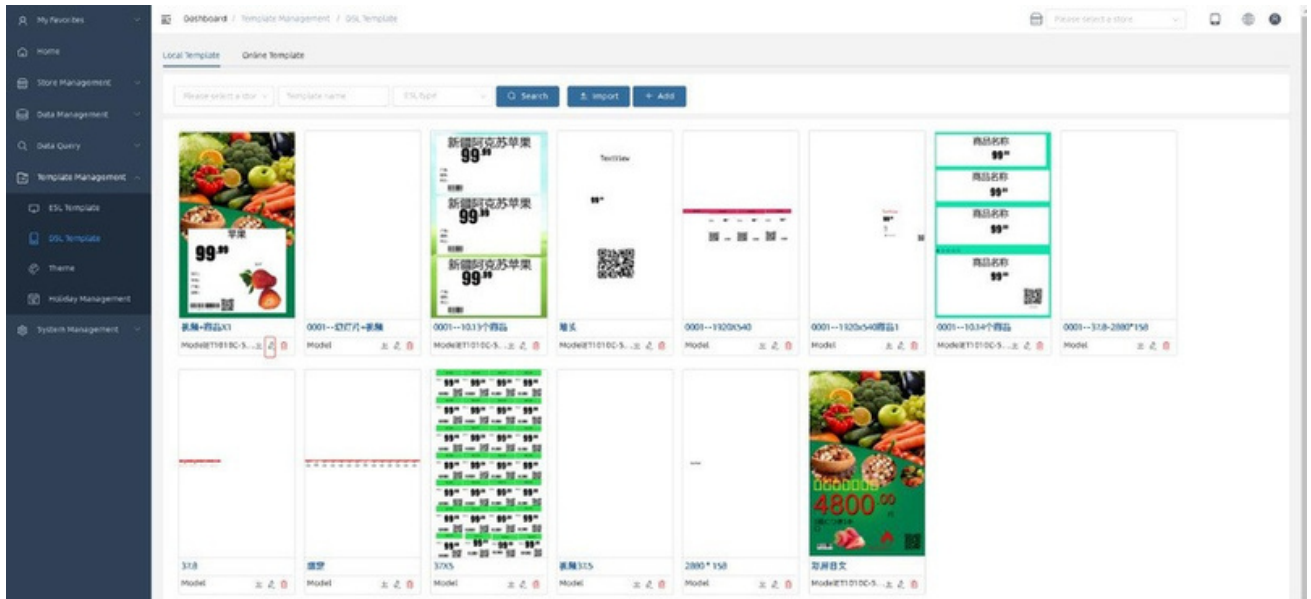
8.2.3 Import Template

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



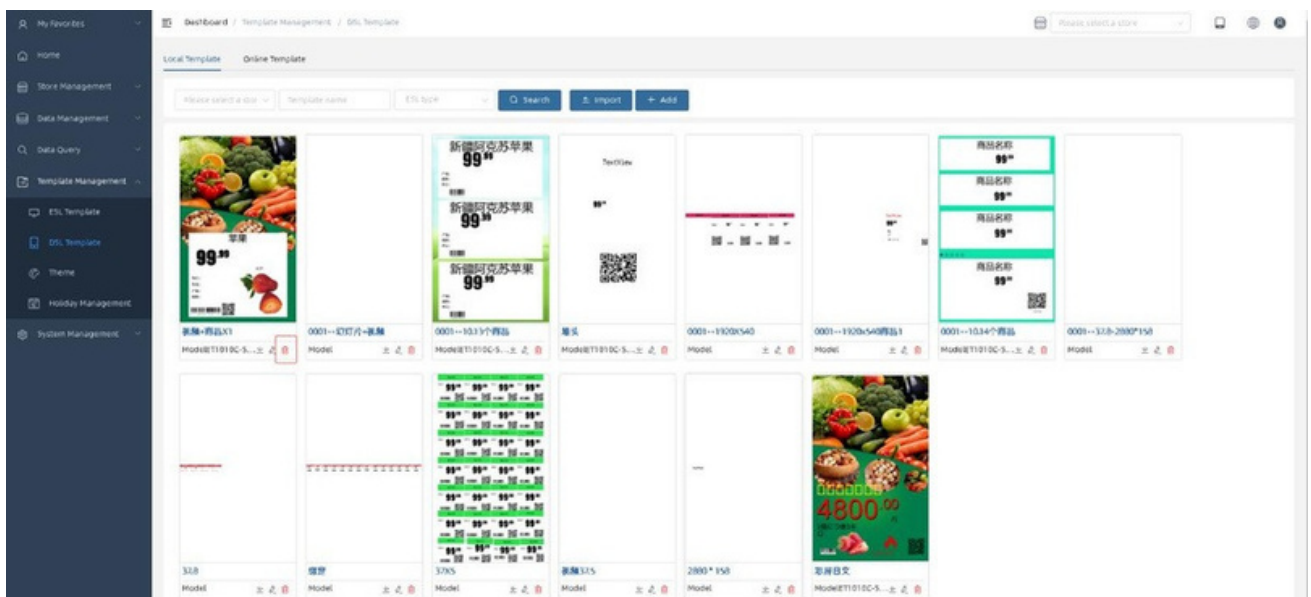
8.2.4 Edit Template

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



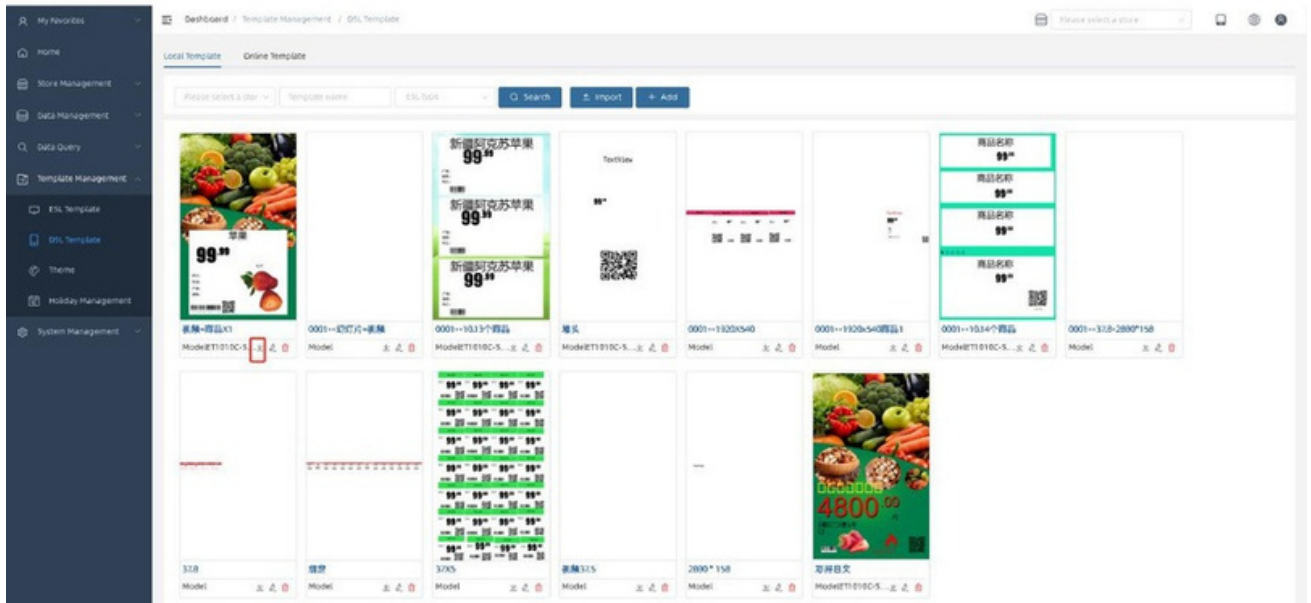
8.2.5 Delete Template

Click the Delete button to delete the specified template.



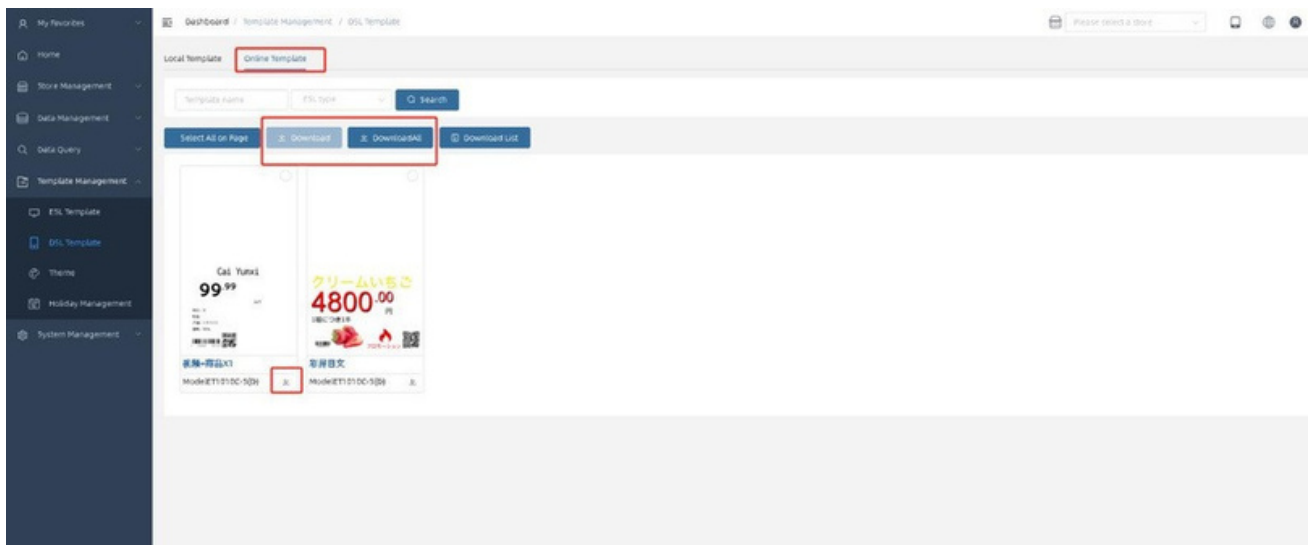
8.2.6 Download Template

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

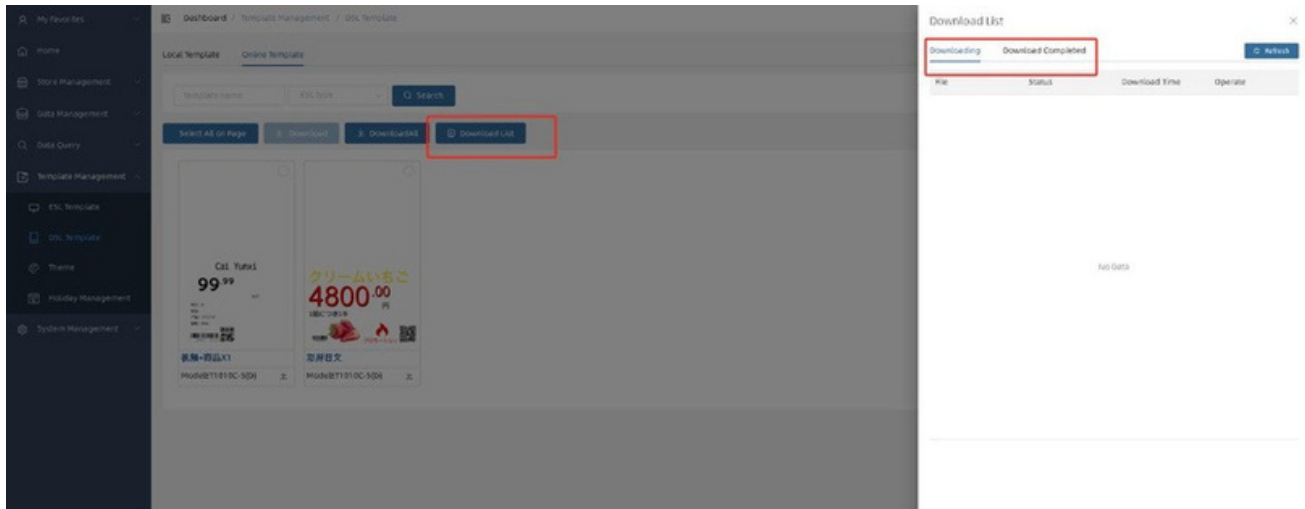


8.2.7 Online Template

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



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



8.3 Template theme

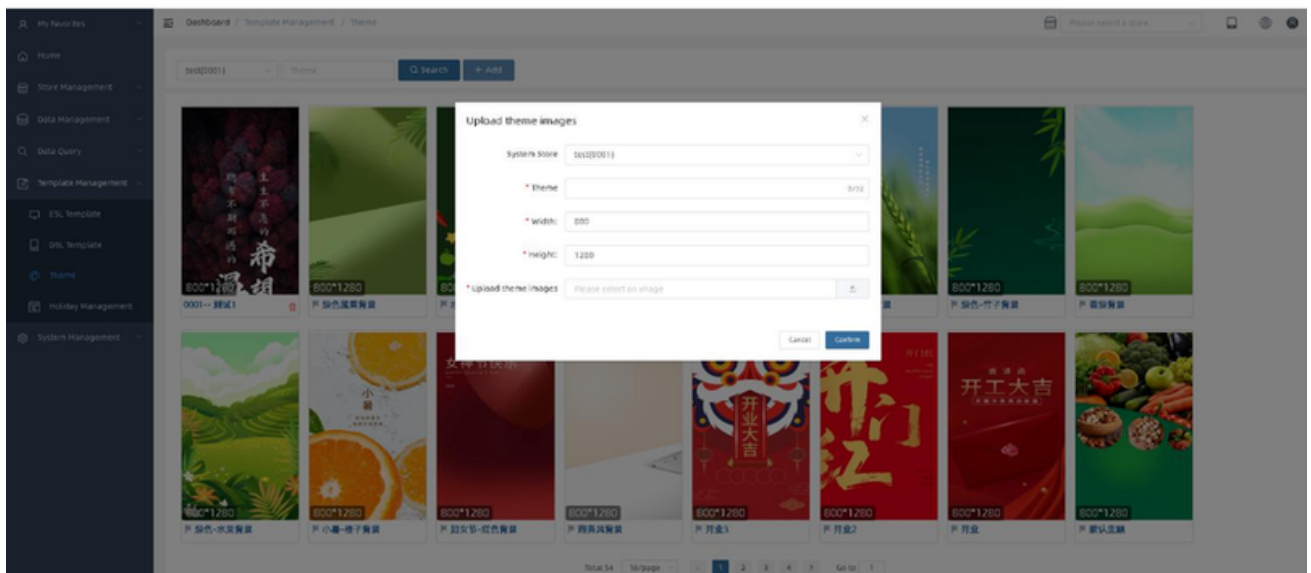
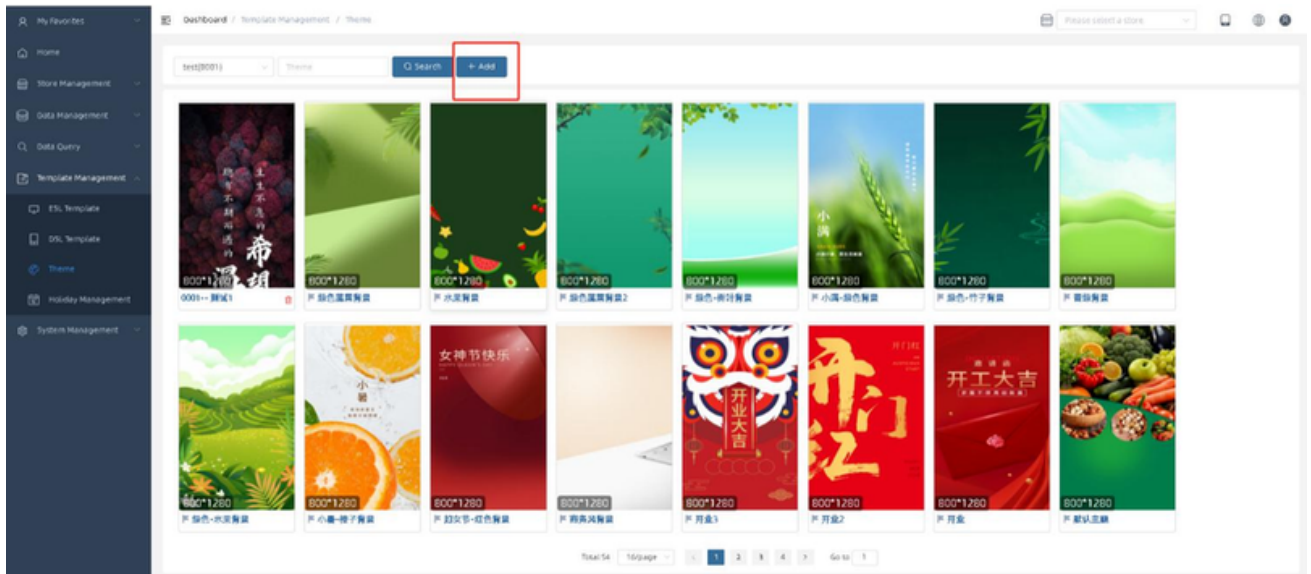
8.3.1 Query theme

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



8.3.2 Add theme

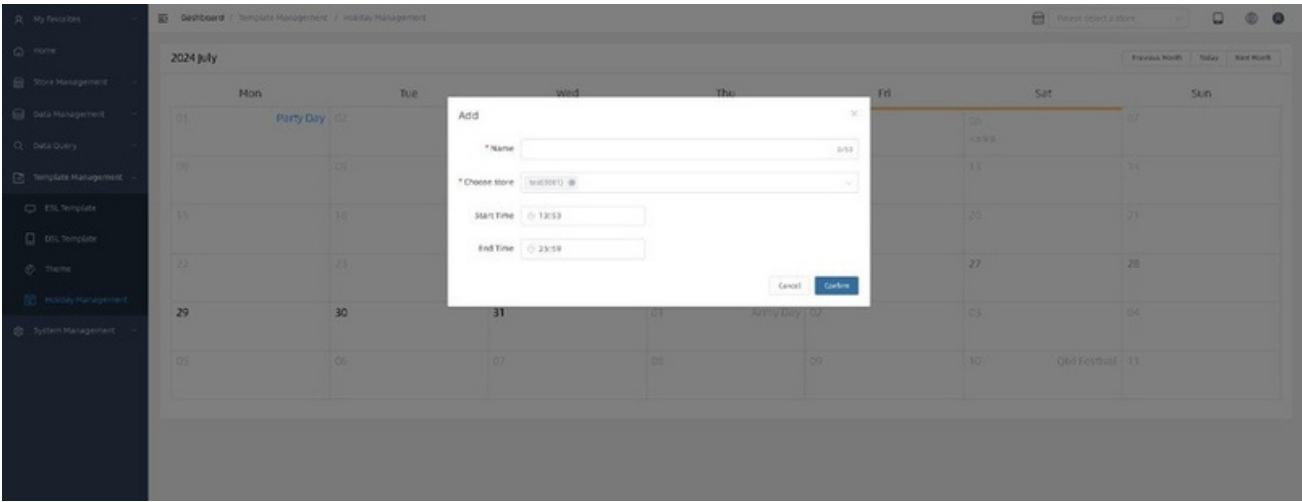
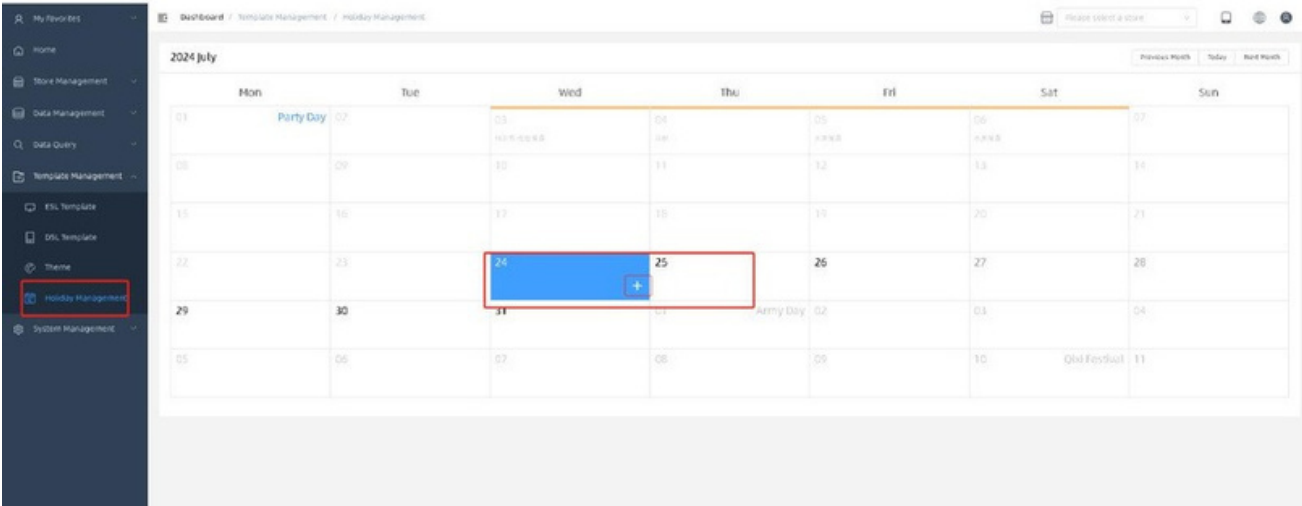
Click the Add button to add a theme image to the specified shop, you need to enter the theme name and theme size information (for matching different screen sizes). A theme with the same name will be automatically matched for background display during the set shop holidays.



8.4 Holiday Management

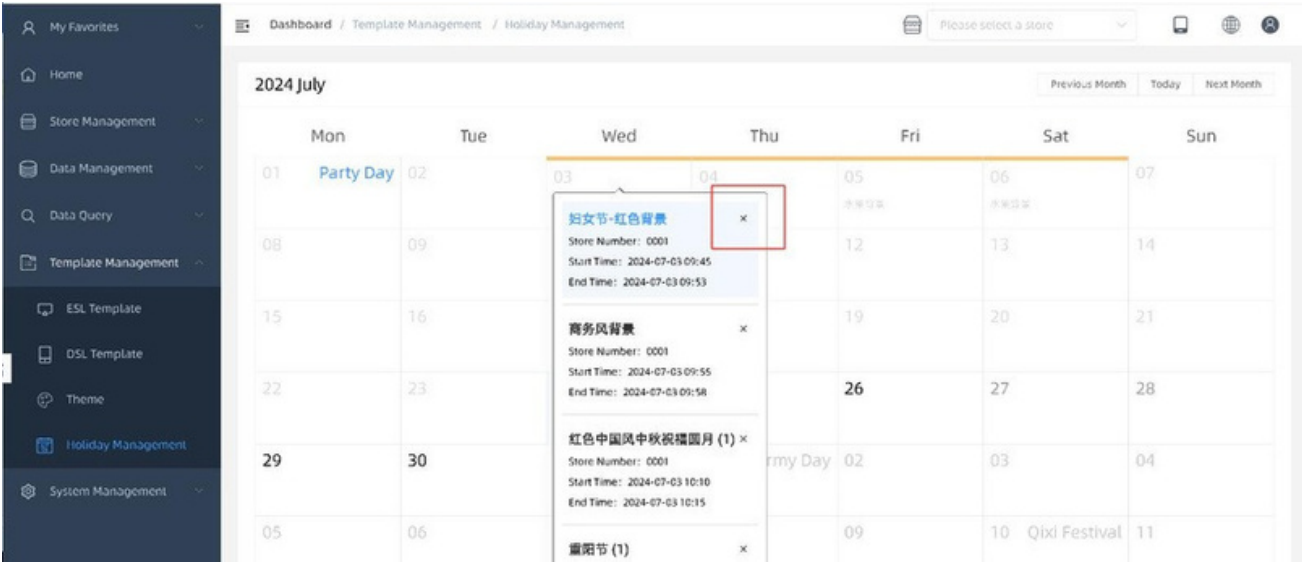
8.4.1 Add Holiday

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.

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System Font Management

Dashboard / System Management / User Management

Please select a store

UsernameUser statusUser roleSearch

Add

Username	Store	Status	Role	Last login time	Contact email	Operate
wdim	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.

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System Font Management

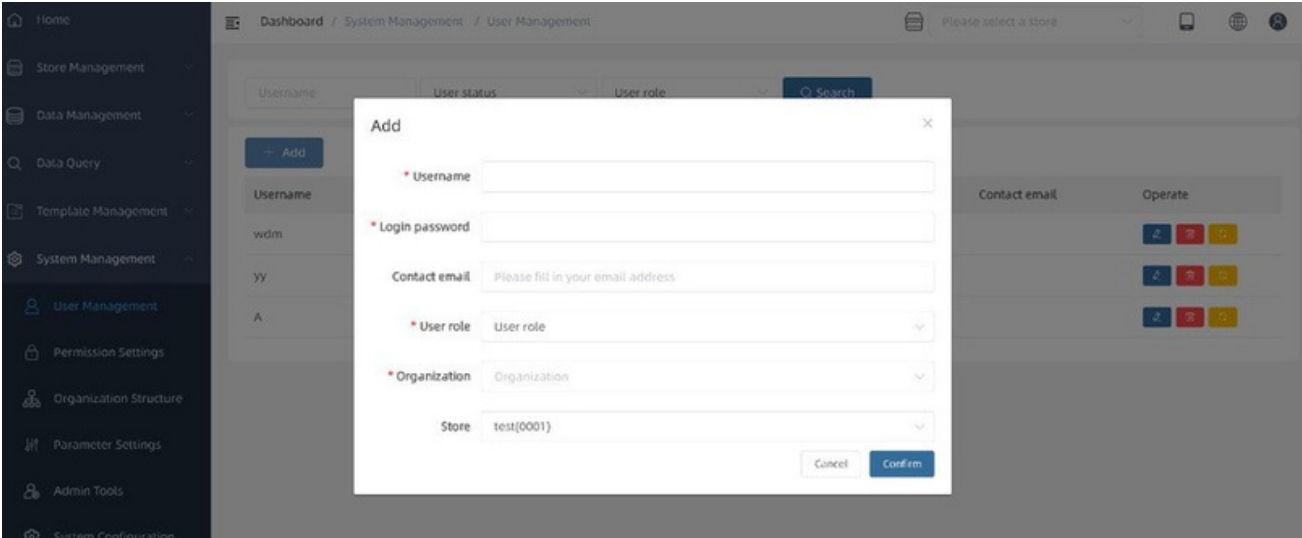
Dashboard / System Management / User Management

Please select a store

UsernameUser statusUser roleSearch

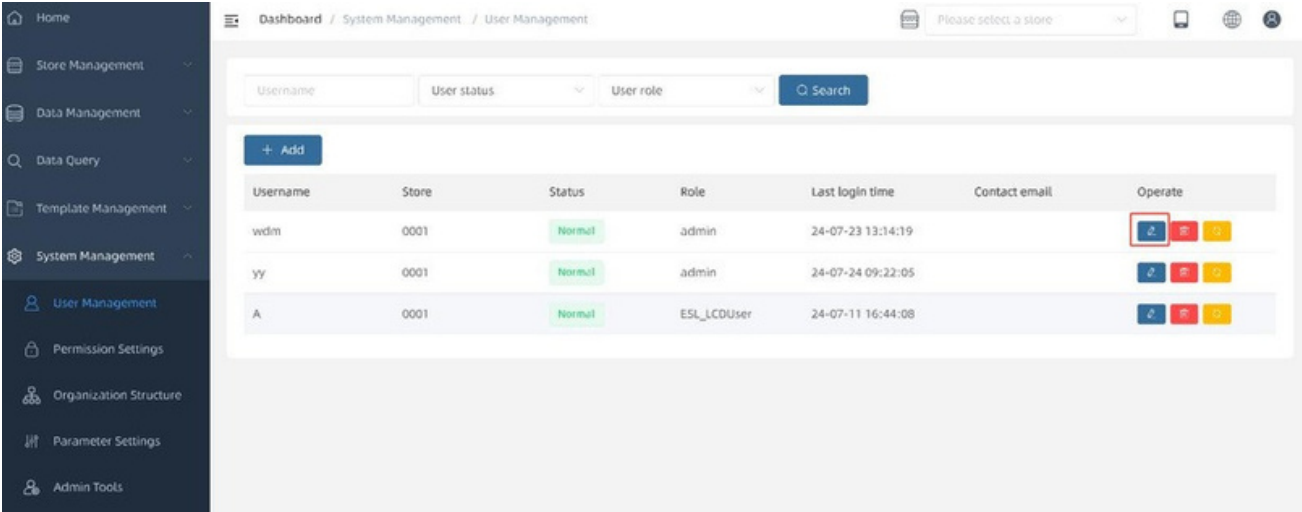
Add

Username	Store	Status	Role	Last login time	Contact email	Operate
wdim	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		



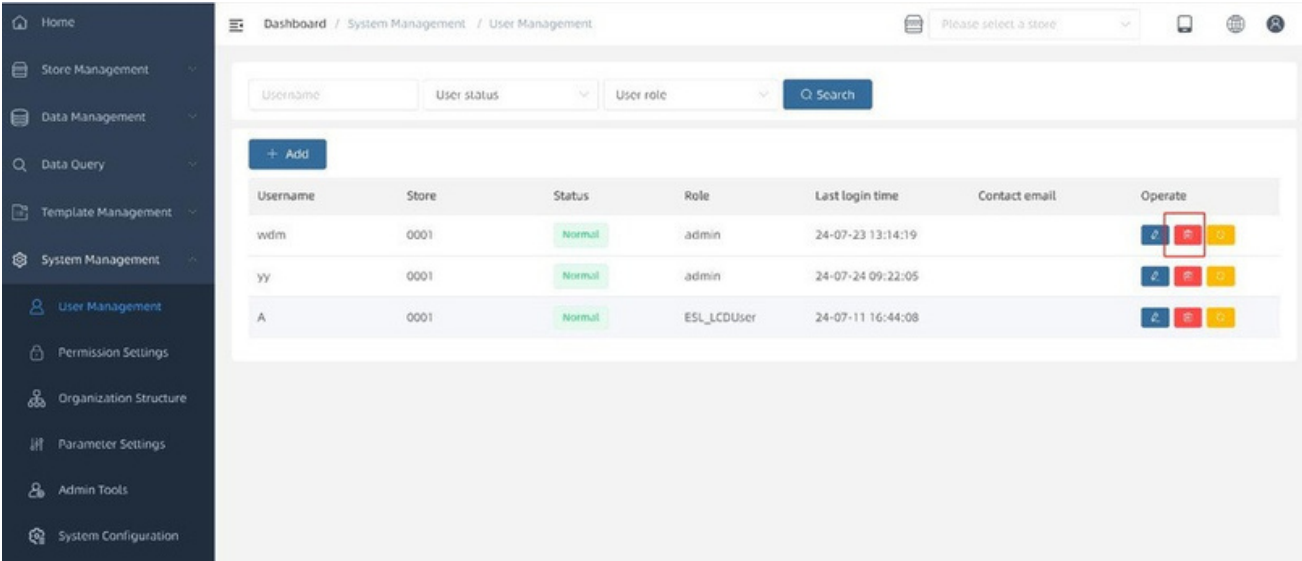
9.1.3 Edit user

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



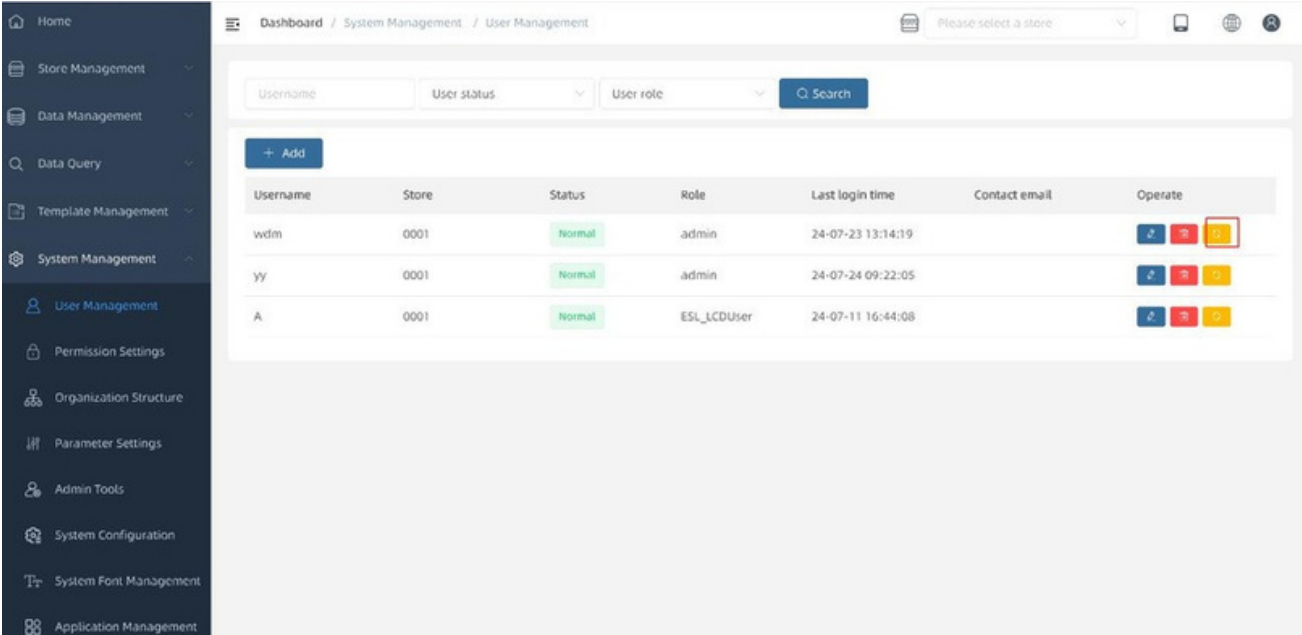
9.1.4 Delete user

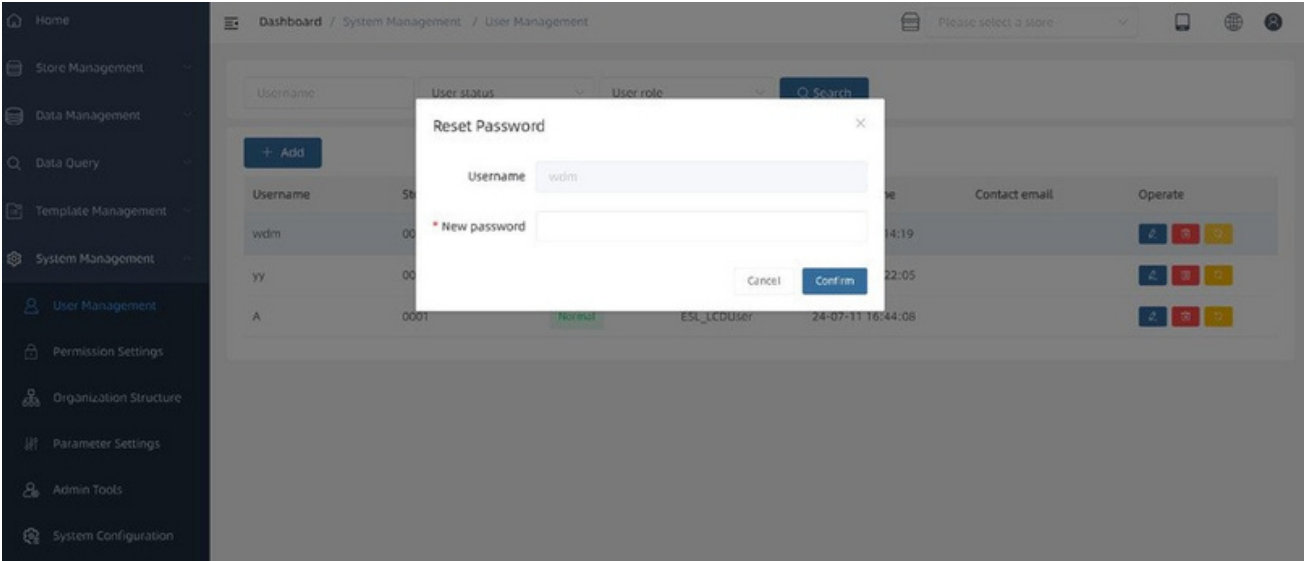
You can delete the user information by clicking the Delete button corresponding to the user, and the user will not be able to log in to the system after the deletion.



9.1.5 Reset Password

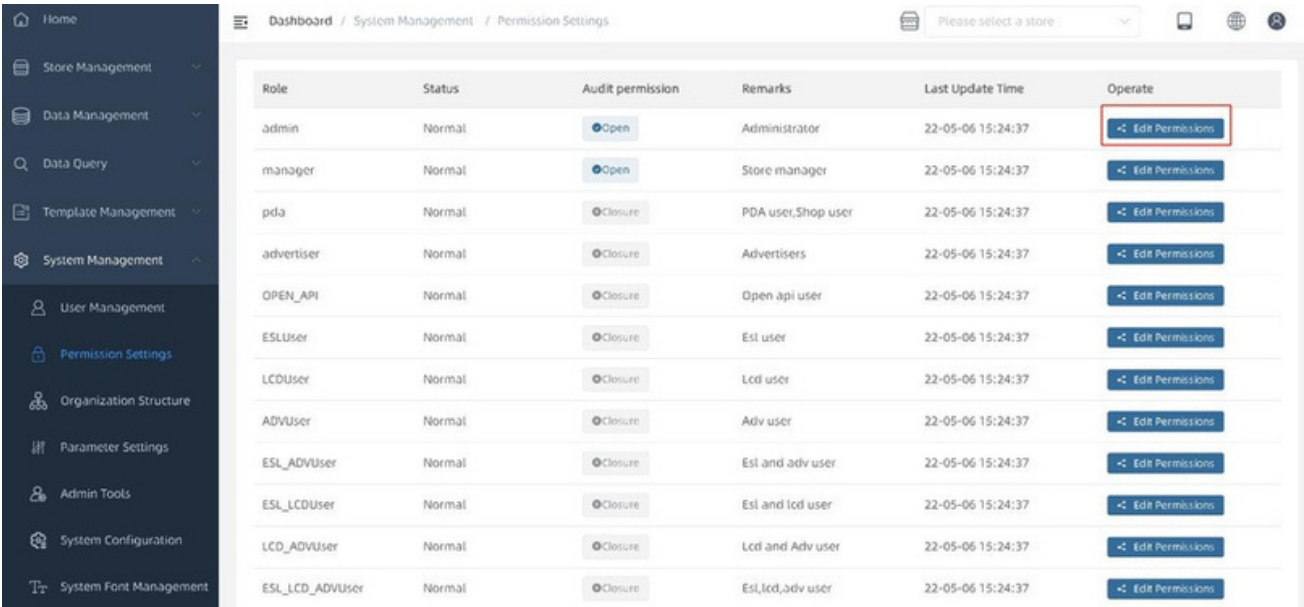
Click the Reset Password button for a user to reset the login password for that user.

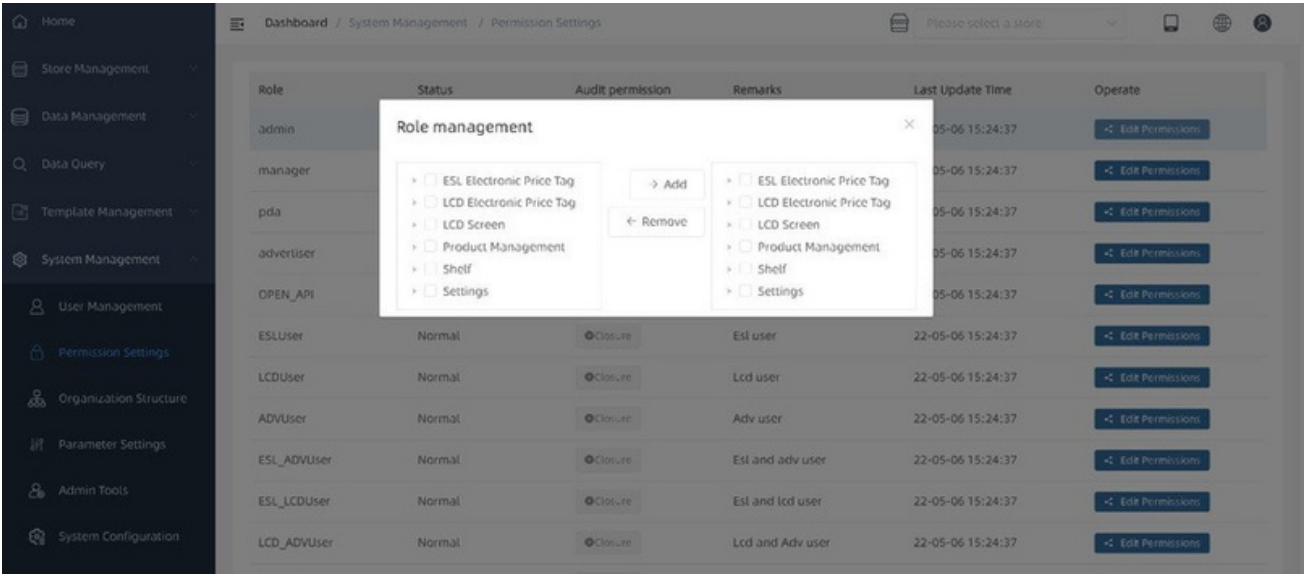




9.2 Rights Management

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

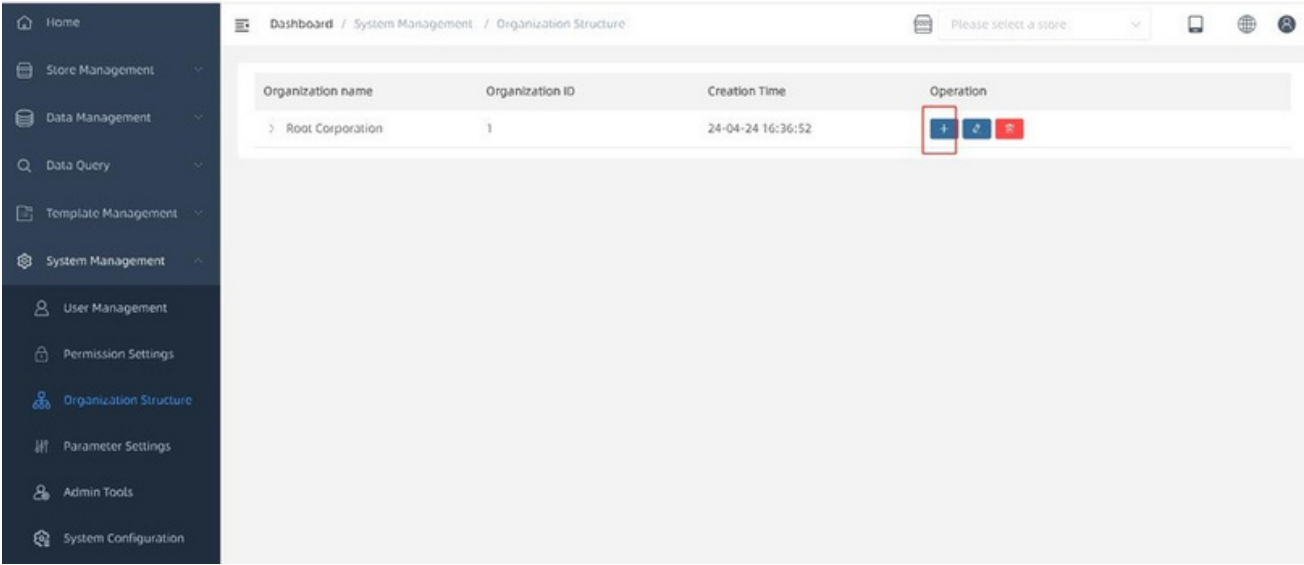




9.3 Organizational Structure

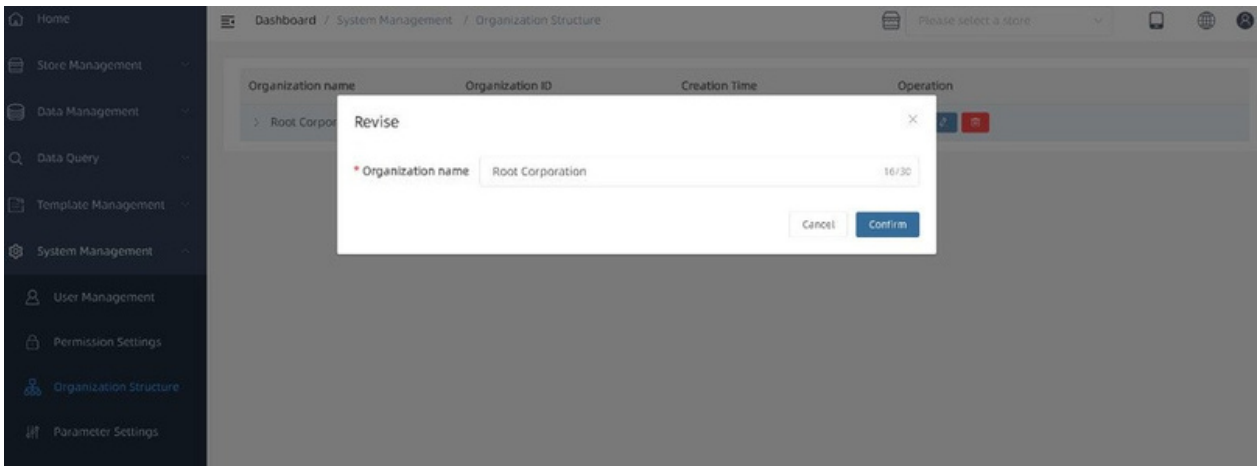
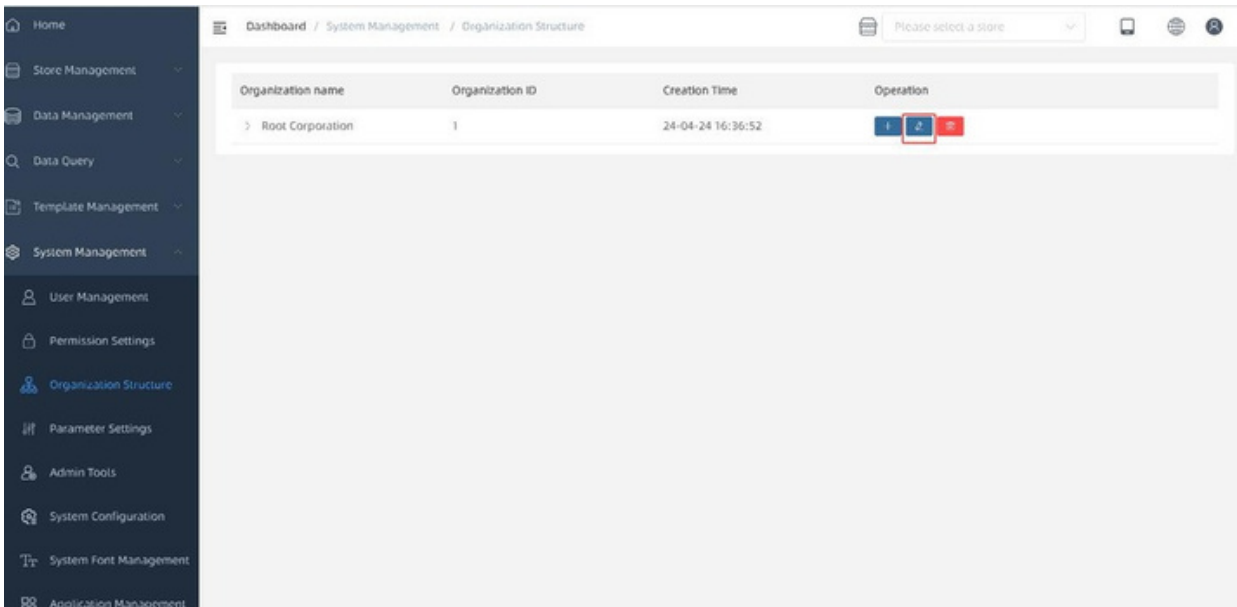
9.3.1 Add Organization

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



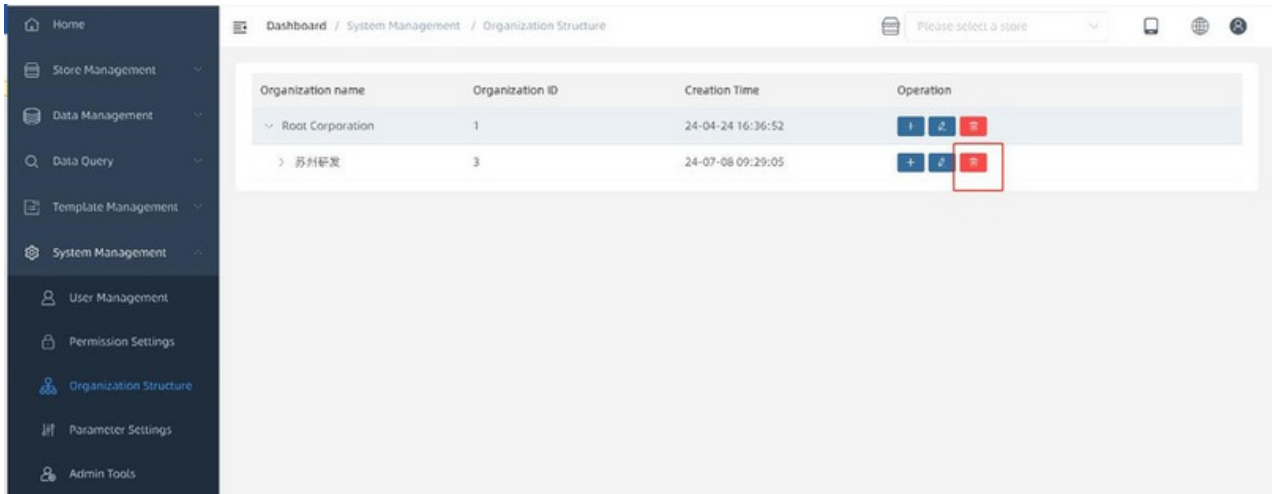
9.3.2 Edit Organization

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.

Dashboard / System Management / Parameter Settings

test(0001) + Add Store Configuration

(Global) x 0001 x 0002 x

System Configuration

Scale code start position: 0

Scale code length: 3

Limit Price Settings: 14-15,14-20

TFT configuration

Device heartbeat: 90 Seconds

API heartbeat: 15 Seconds

Limited task quantity: 20

Video task delivery: 60 Seconds

9.5 Administrator Tools

Dashboard / System Management / Admin Tools

1 Enter configuration system (System Configuration)

2 Sync service is not running (Sync service)

3 Caching service is running (Caching service)

TFT screen refresh

Store: [input]

Select area: [dropdown]

Template name: [input] (4)

Submit

ESL refresh

Store: [input]

Template name: [input]

Submit (5)

OTA Upgrade

Store number is required: [input]

Select area: [dropdown]

Version: [input] (6)

Tag MAC address: [input] Delete

Add

Upload OTA file: [input]

Submit

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.

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System Configuration

Dashboard / System Management / Admin Tools

Please select a store

System Configuration

Enter configuration system

Sync service is not running

Reload All

Caching service is running

Reload All

TFT screen refresh

Store

Select area

Template name

Submit

ESL refresh

Store

Template name

Submit

OTA Upgrade

Store number is required

Select area

Version

Tag MAC address

Add

Delete

Upload OTA file

Submit

3. Cacheservicerestart.

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Dashboard / System Management / Admin Tools

Please select a store

System Configuration

Enter configuration system

Sync service is not running

Reload All

Caching service is running

Reload All

TFT screen refresh

Store

Select area

Template name

Submit

ESL refresh

Store

Template name

Submit

OTA Upgrade

Store number is required

Select area

Version

Tag MAC address

Add

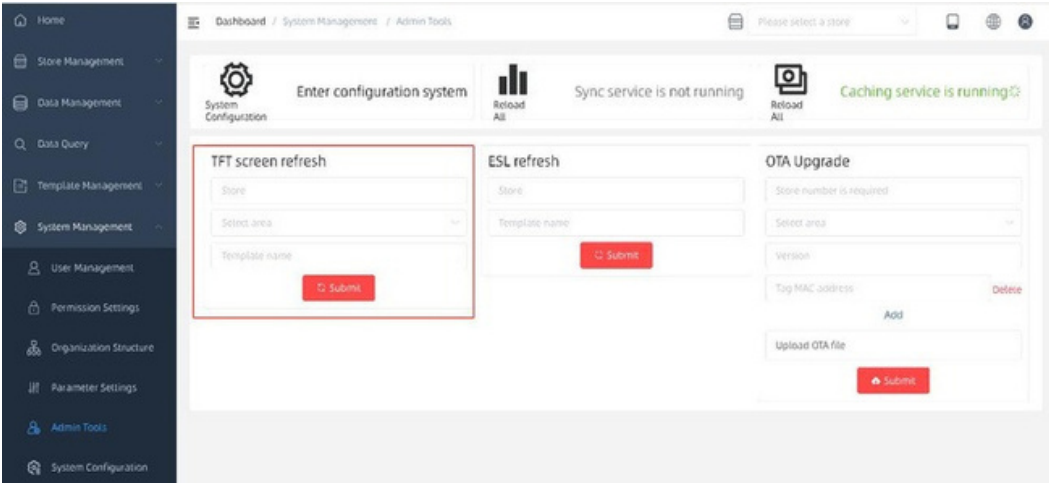
Delete

Upload OTA file

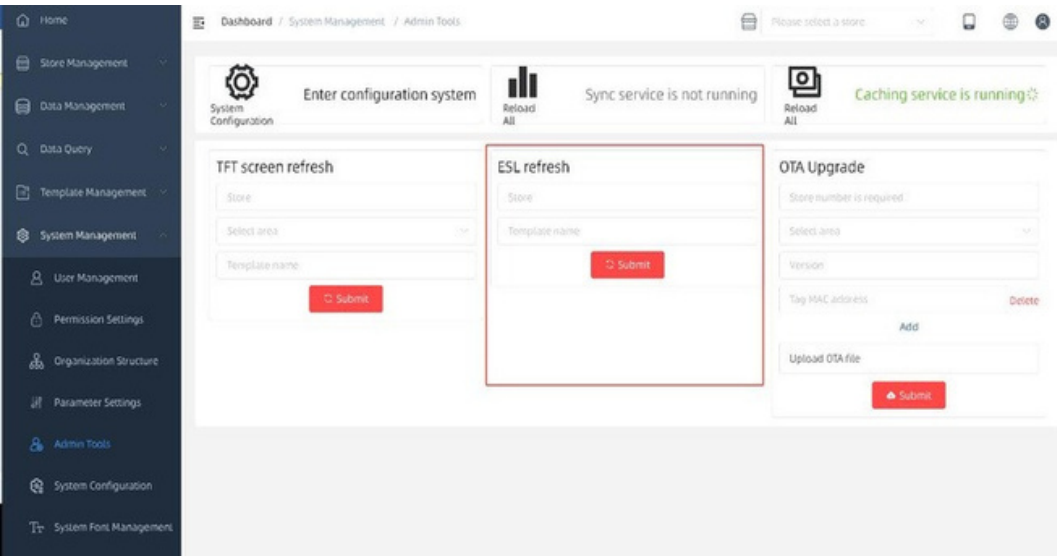
Submit

4. Refreshthespecifiedcolorscreen.

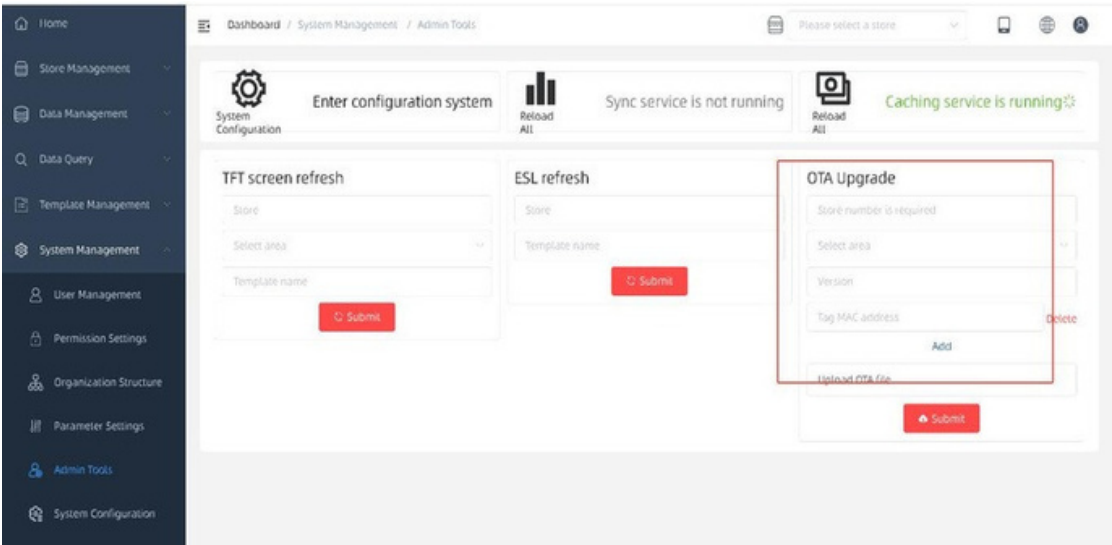
Limited Scope of Use



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 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 these fields is a 'Save' button. Further down, the 'IsSynchronized' section contains:

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

9.6.2 Base Station Configuration Parameter

Basestationversion: 4+ for AP05 basestation, basestation 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, specifically the 'IsSynchronized' and 'Message stack' sections. The 'IsSynchronized' section contains:

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

Below this is the 'Message stack' section, which includes:

- Monitor Configuration:**
 - Is enabled:** ☒
 - Monitor API:** http://api.ctag-sech.com/api/Monitor/Push
- Mail configuration:**
 - Is enabled:** ☐

9.6.3 Message stack

System message notification configuration is possible.

My Favorites

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System Configuration

System Font Management

Application Management

Tag Auto Registration

Save

Message stack

Monitor configuration

is enabled

Monitor API

Mail configuration

is enabled

Sender account

Sender password

Mail server

Recipient list

Multiple parameters/segmentation

Message configuration

Message code	Message description	Email	API	Monitor	Operate
1028	API offline	☒	☐	☐	☒
2061	service offline	☐	☐	☐	☒

Save

9.7 System Font Management

Add theUpload Fonts buttonto 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.

Home

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Data Query

Template Management

System Management

User Management

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Admin Tools

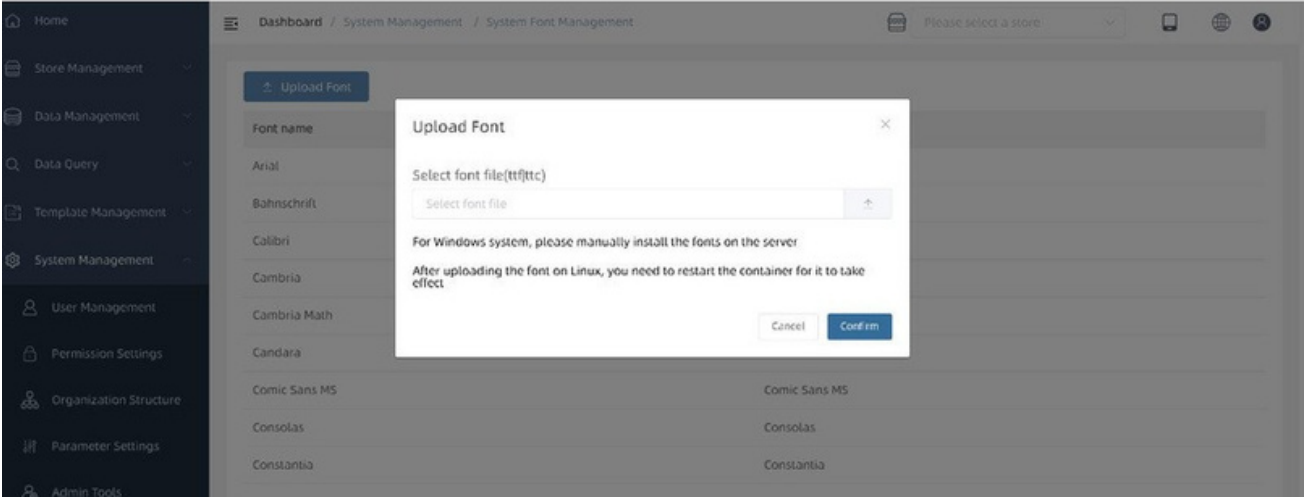
System Configuration

Dashboard / System Management / System Font Management

Please select a store

Upload Font

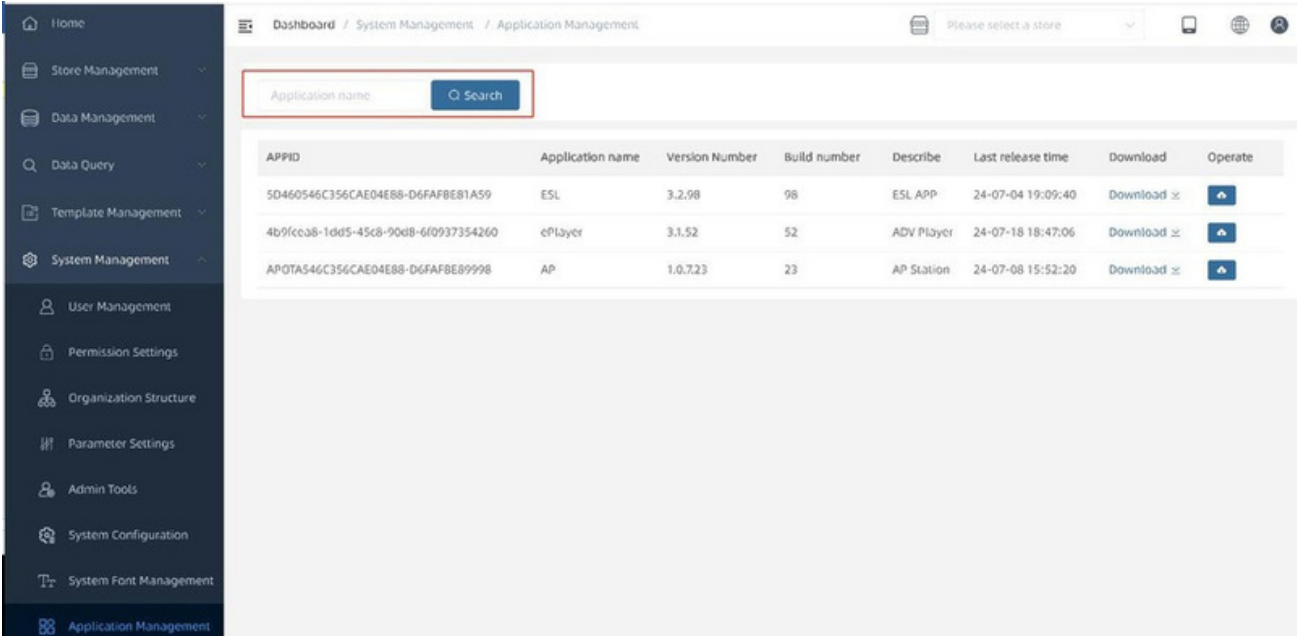
Font name	File name
Arial	Arial
Bahnschrift	Bahnschrift
Calibri	Calibri
Cambria	Cambria
Cambria Math	Cambria Math
Candara	Candara
Comic Sans MS	Comic Sans MS
Consolas	Consolas
Constantia	Constantia
Corbel	Corbel
Courier New	Courier New
Ebrima	Ebrima



9.8 Application Management

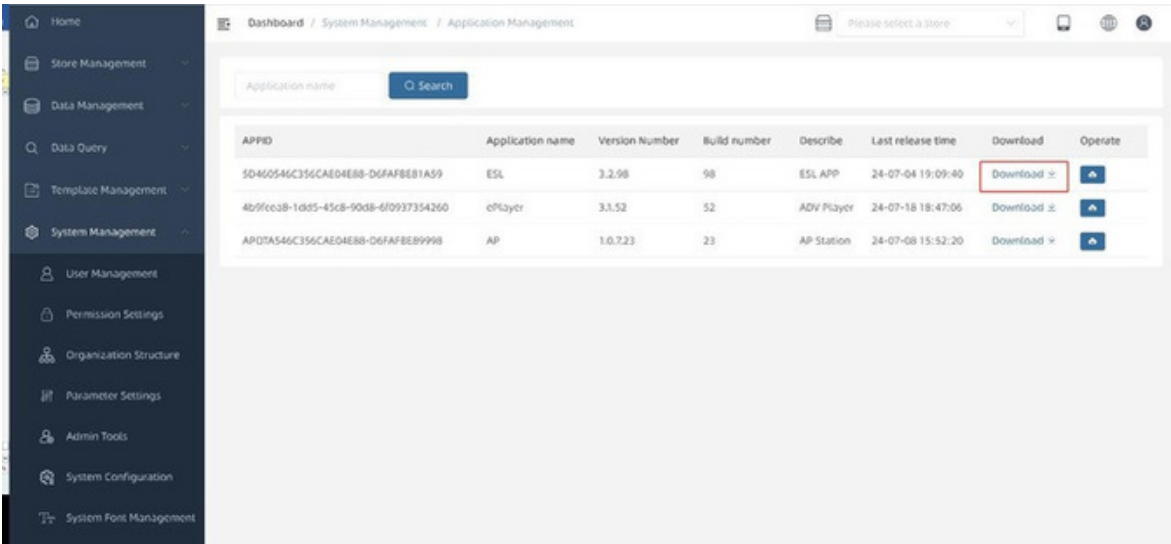
9.8.1 Search App

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



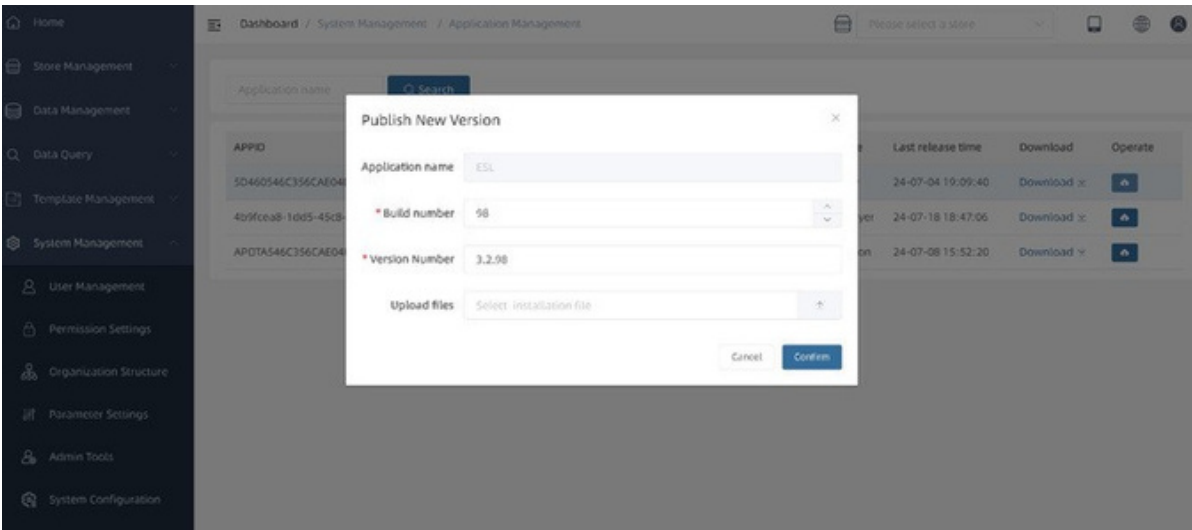
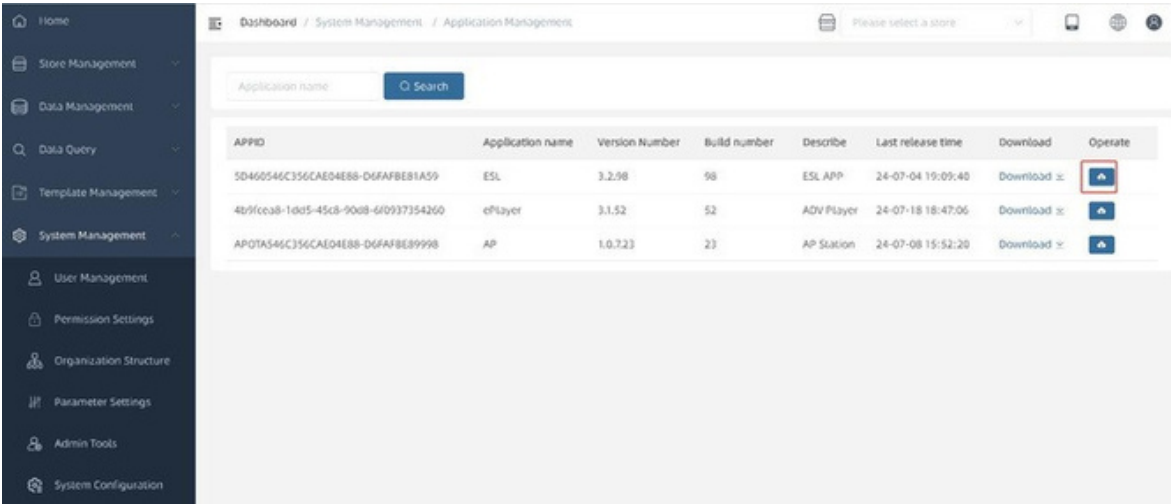
9.8.2 Download App

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.





شركة كويت كارپوريشن ليميتد
KUWAIT CORPORATION LIMITED



Ali Sarfraz

Manager Operations & Sales



+965 50272775



ali@kuwaitcorp.com



<https://kuwaitcorp.com/>
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