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# Sertag ESL System Operate Manual

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## 1. Sertag ESL System Operate Manual

### 1.1 Login to the ESL System with a browser

Visit website: [http://192.168.1.200/esls\\_new/mms/tologin](http://192.168.1.200/esls_new/mms/tologin)

Default user : mms

Default password : 123456

### 1.2 Equipment management

#### a. Register electronic label

Touch the position of the picture with a magnet, or use a pin to pass through the button in the small hole:





b. Registration is successful:



The greater the absolute value of rssi, the worse the signal, for example: -70dB signal is weaker than -30dB

c. View ESL information:

My table card

\*Table address  \*AP address  query 新增/删除/标志

id	Table address	Affiliated AP	Battery level	styleName	operation
1	92.91.46.69	CWR000121		产品条形码	
2	92.91.4.69	CWR000121		产品条形码	
3	92.91.13.72	CWR000121		产品条形码	
4	92.91.8.20	CWR000121		产品条形码	
5	92.91.10.18	CWR000121		产品条形码	
6	92.91.10.71	CWR000121		产品条形码	
7	92.91.8.60	CWR000121		产品条形码	
8	92.91.8.54	CWR000121		产品条形码	
9	92.91.46.67	CWR000121		产品条形码	
10	92.91.7.5	CWR000121		产品条形码	

Home Page 1 2 3 4 5 6 tail page 共6页

## 1.3 Conference Management

### 1.3.1 Add meeting

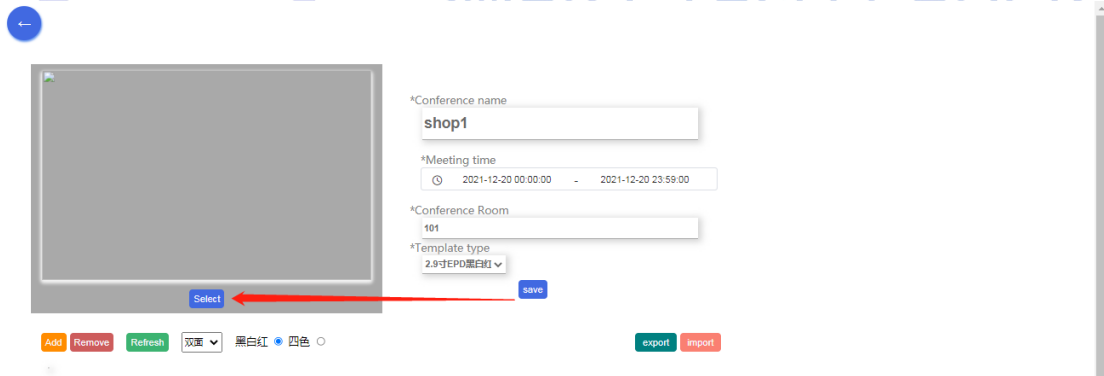
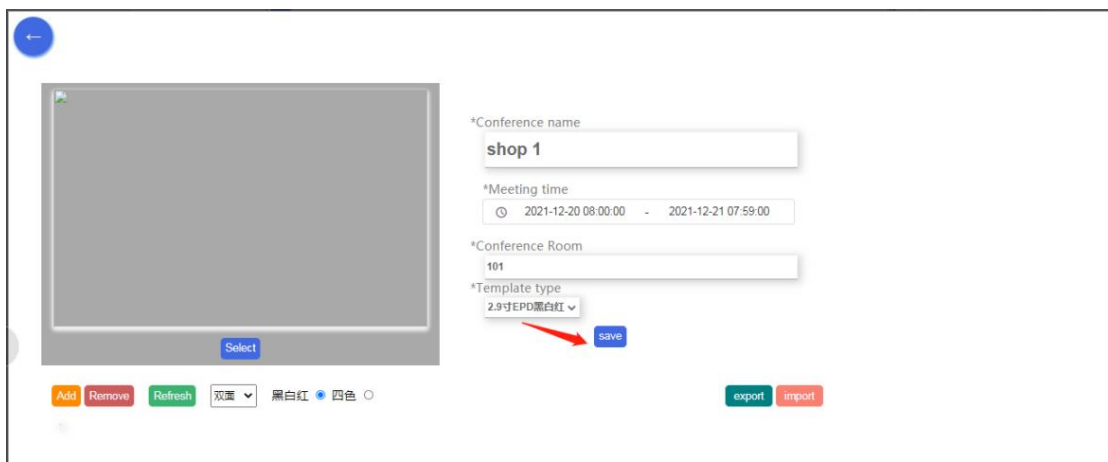
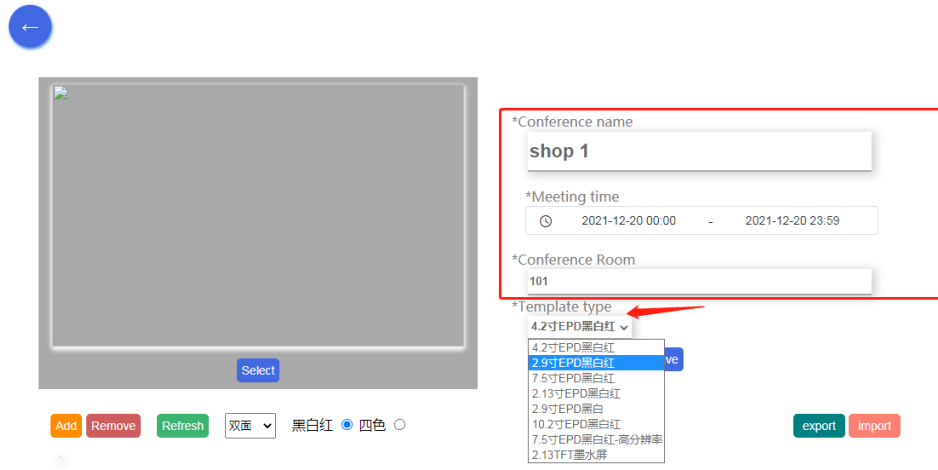
a. Click "Add Meeting", fill in the meeting time, member name and meeting room information, and select the template type, and finally save it.

management of meetings

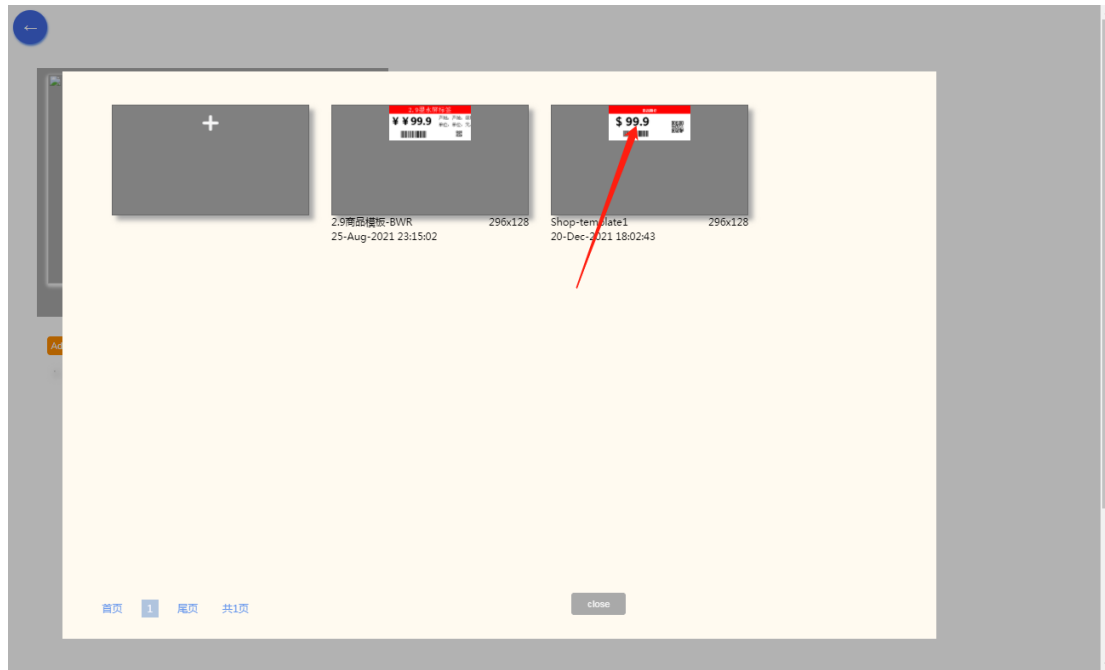
\*Conference name  query Add-on meeting

id	Conference name	Conference Room	start time	End time	Template	Table number	size	Creation time	operation
1	周一例会	1101	02-Sep-2020 00:00:00	02-Sep-2020 23:59:00	党委1	3	640 x 38419-Nov-2021 11:53:00	Modify	
2	2.13test	213	27-May-2021 00:00:00	27-May-2021 23:59:00	2.13产品模板-BWR(250X122)	1	250 x 12201-Dec-2021 15:43:27	Modify	
3	4.2	402	27-May-2021 00:00:00	27-May-2021 23:59:00	4.2工位椅模板-三色	1	400 x 30001-Dec-2021 15:22:36	Modify	
4	2.9	209	27-May-2021 00:00:00	27-May-2021 23:59:00	2.9产品模板-BWR	2	296 x 12817-Dec-2021 20:47:27	Modify	
5	7.5测试	75	25-Aug-2021 00:00:00	25-Aug-2021 23:59:00	7.5会议模板-BWR(800X480)	4	800 x 48005-Nov-2021 16:19:05	Modify	
6	10.2	1102	09-Sep-2021 00:00:00	09-Sep-2021 23:59:00	默认模板105	4	960 x 64006-Nov-2021 17:42:46	Modify	
7	5.6寸七色EPD	506	03-Nov-2021 00:00:00	03-Nov-2021 23:59:00	默认模板108	0	600 x 44805-Nov-2021 17:01:20	Modify	
8	2.9BW	29	24-Nov-2021 00:00:00	24-Nov-2021 23:59:00	2.9产品模板-BW	1	296 x 12824-Nov-2021 10:21:38	Modify	
9	2.9BW	29	24-Nov-2021 00:00:00	24-Nov-2021 23:59:00		0	0 x 0 24-Nov-2021 10:21:26	Modify	

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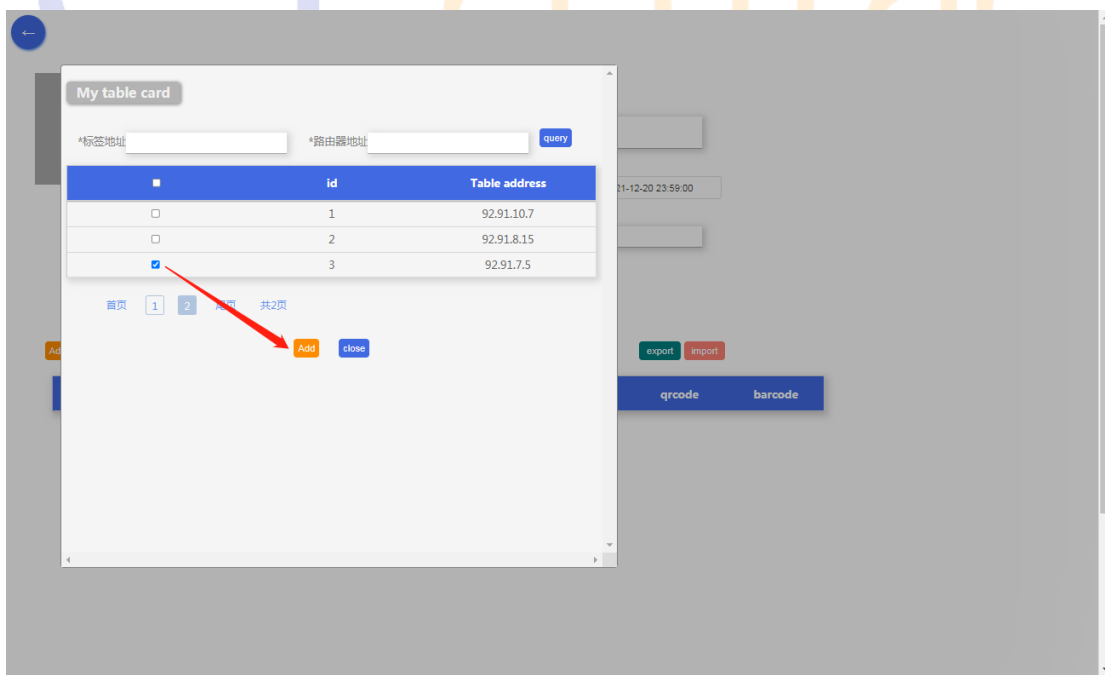
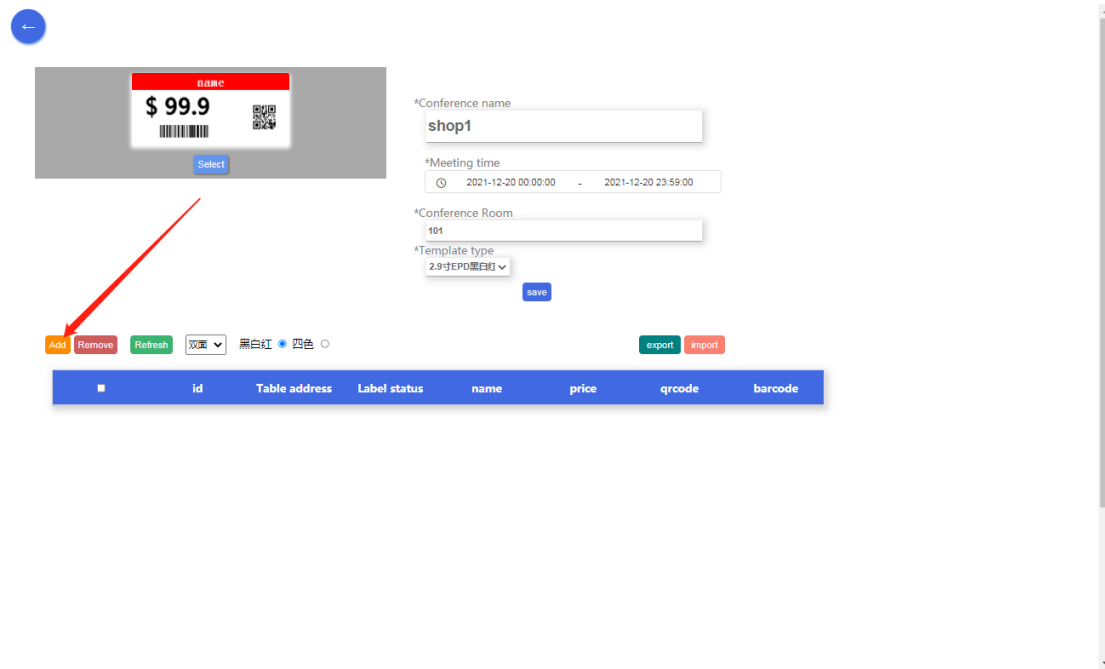
SMART TAG LEADER



b. Select a template, click "Select Template", click the preview image of the template you want to use, and click select.



c. To add a table card, click "Add table card", check the table card you want to use in the table selection interface, and click Add.



Add Remove Refresh 双面 黑白红 四色 export import

	id	Table address	Label status	name	price	qrcode	barcode
<input type="checkbox"/>	1	92.91.7.5	等待更新	Apple	\$ 99.9	qrcode	12345678



### 1.3.2 Edit display information

a. Single refresh: directly modify the content of the field, click the blank space on the desktop to save, it will be automatically checked, and the label status is displayed as "waiting for update".

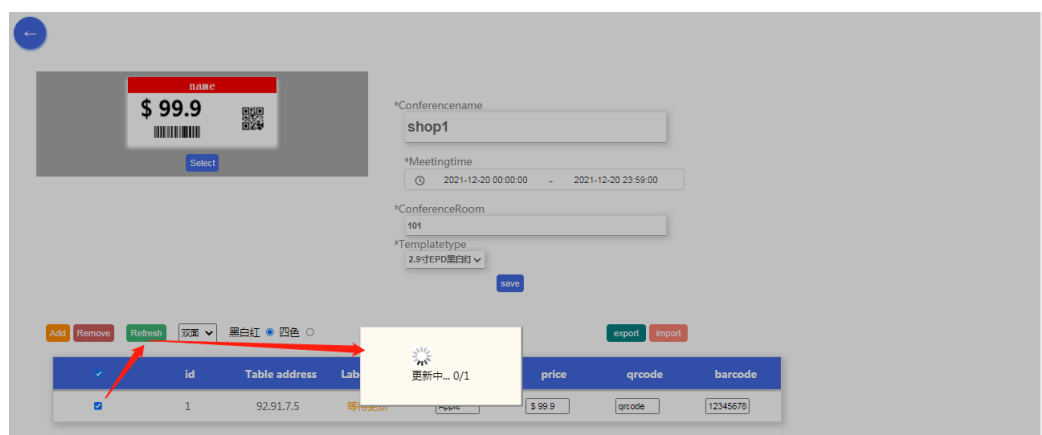
b. Batch import data refresh: Click "Export table card table", save the exported excel file to the local according to the prompt, and open the table excel.

After editing and modifying the content of the file, click "Import Table Card Table" and select the modified excel file to import.



### 1.3.3 Update table cards

After editing the information, click "Update Table Card Data" to start updating the table card data. The label status will be displayed as "Updated" and the update progress will be displayed.



### 1.3.4 Update completed

The label status changes to "Update Complete", indicating that the table card information has been successfully synchronized.

Conference name: shop1

Meeting time: 2021-12-20 00:00:00 - 2021-12-20 23:59:00

Conference Room: 101

Template type: 2.9寸EPD黑白柱

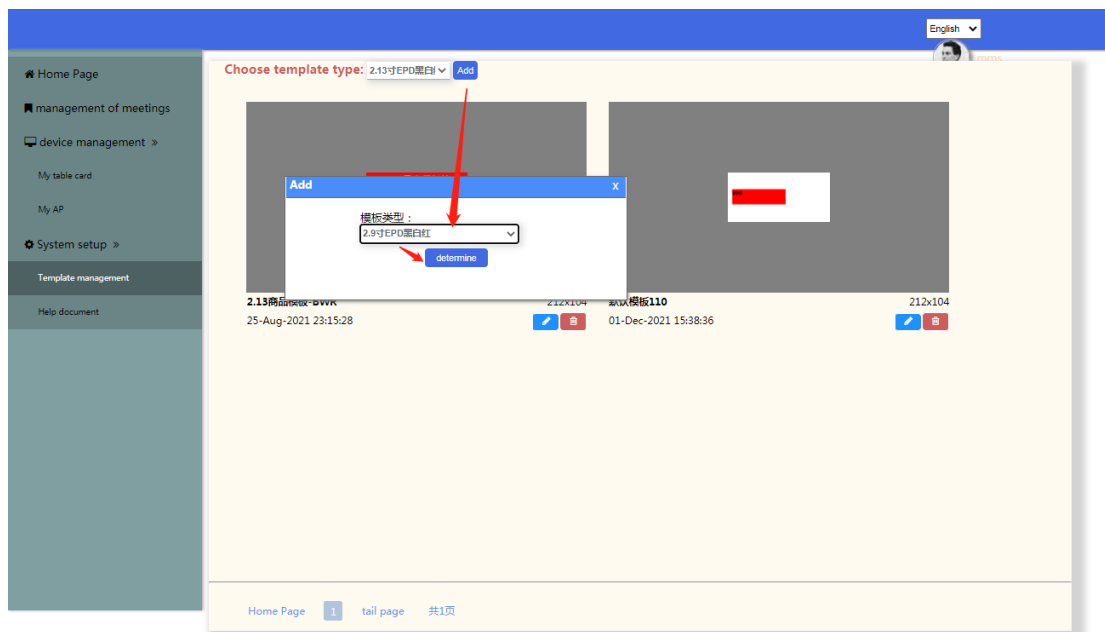
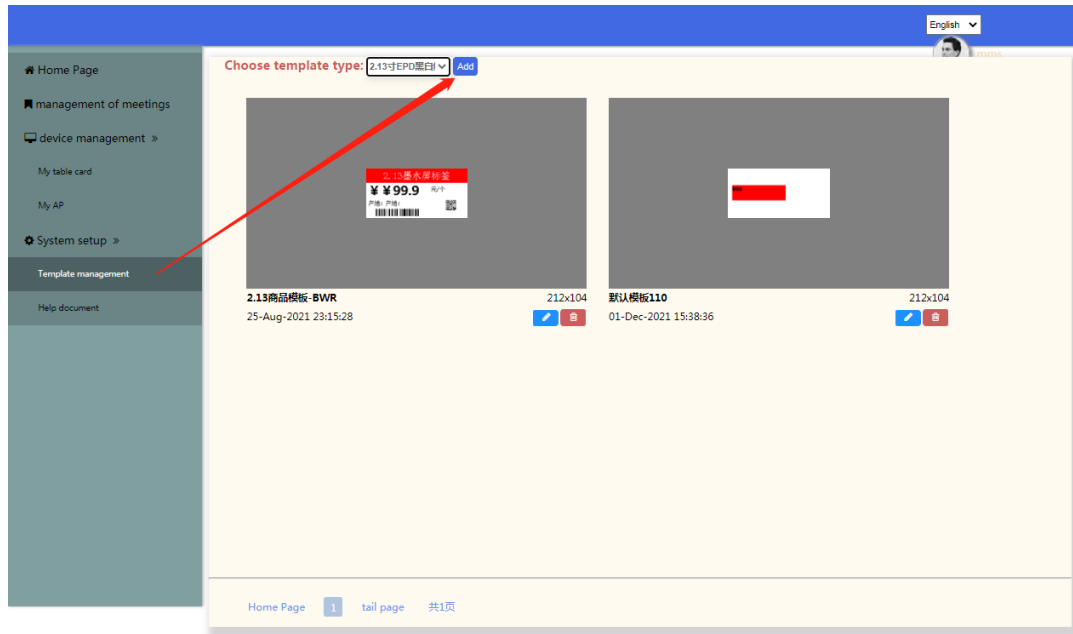
id	Table address	Label status	name	price	qrcode	barcode
1	92.91.7.5	更新完成	Apple	\$ 99.9	qrcode	12345678



## 2. Add new template style

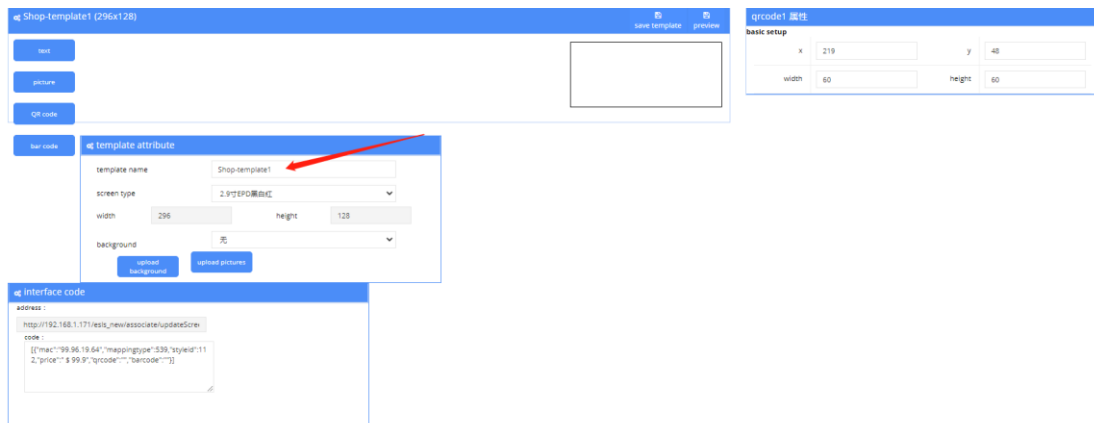
### 2.1 New template style

Enter the "Template Management" interface, click Add Template, select the type of screen to create a template, and click OK.



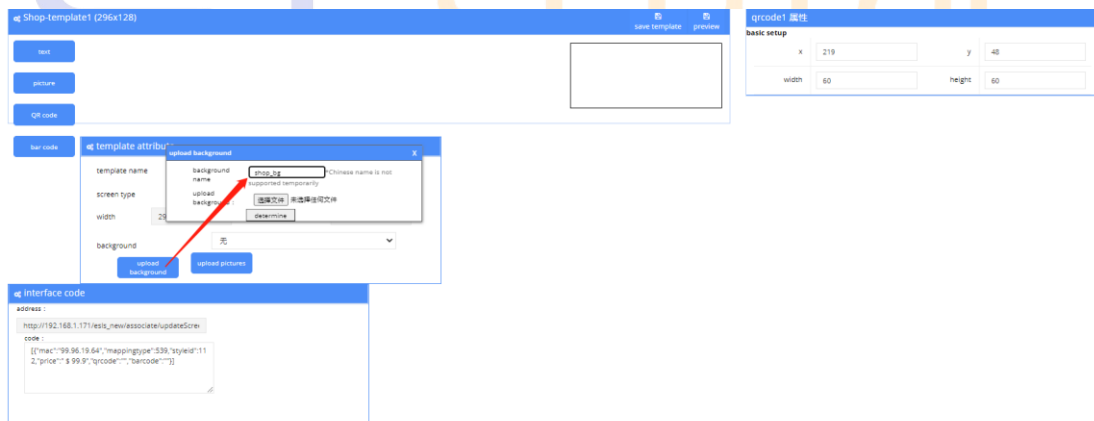
## 2.2 Configure template style

The newly added template will directly enter the configuration template interface.

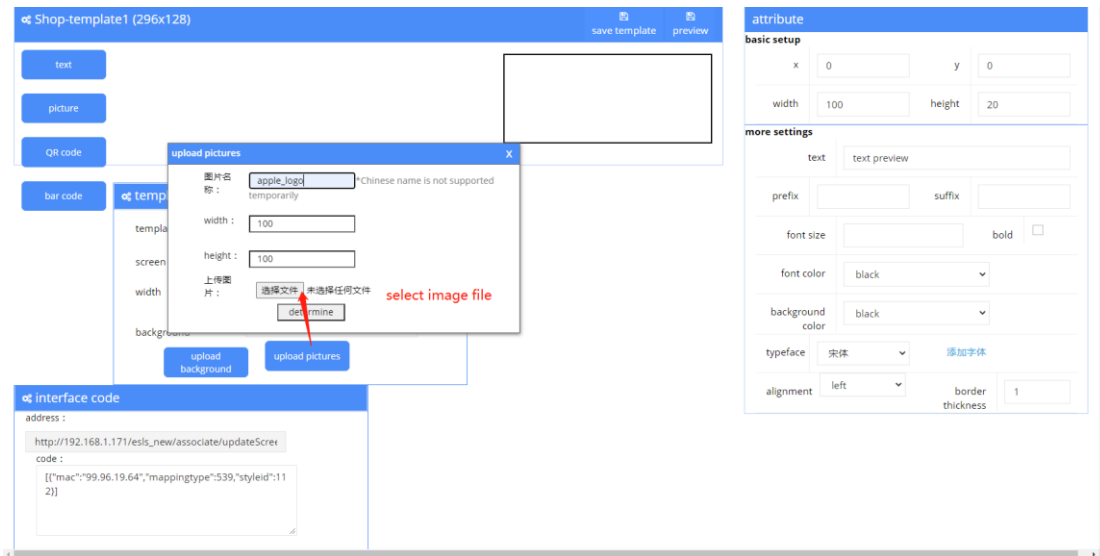


## 2.2.1 Upload background image and logo (you can operate it if necessary)

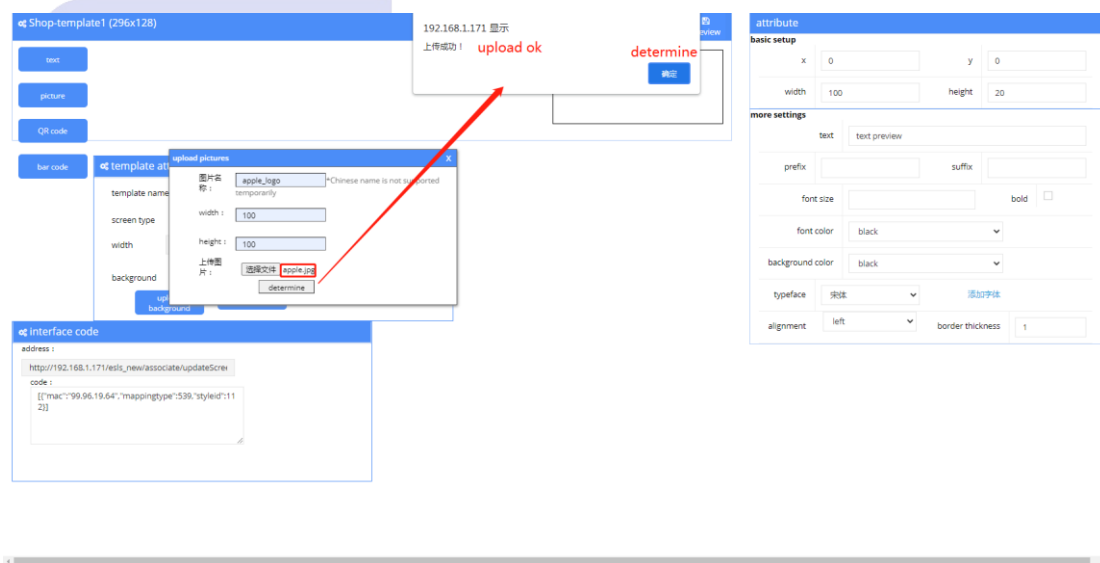
Upload the background image, the screen resolution of the template is 640\*384, then the uploaded background image should also be 640\*384:



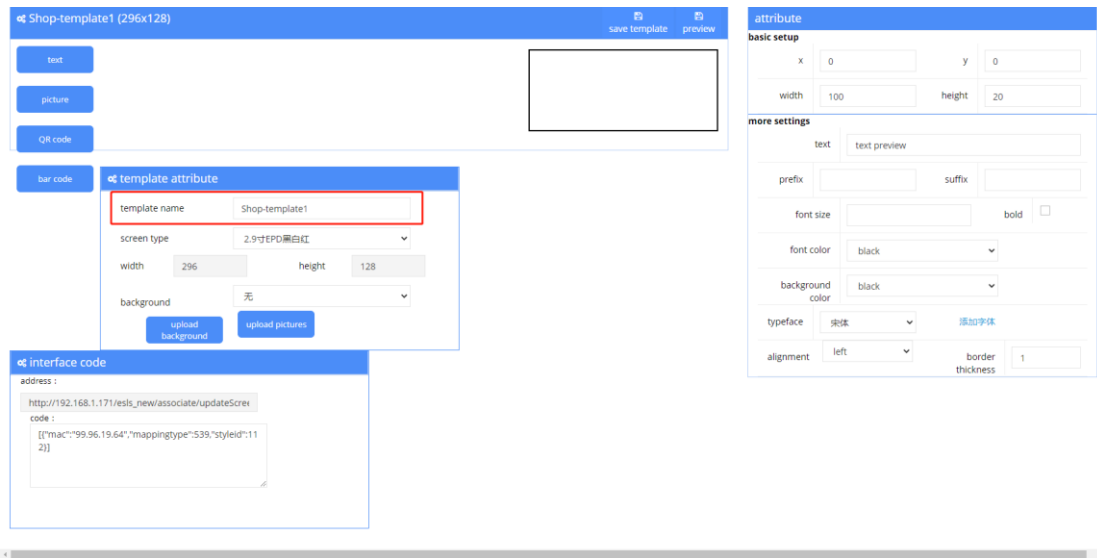
## Upload a normal image or logo:



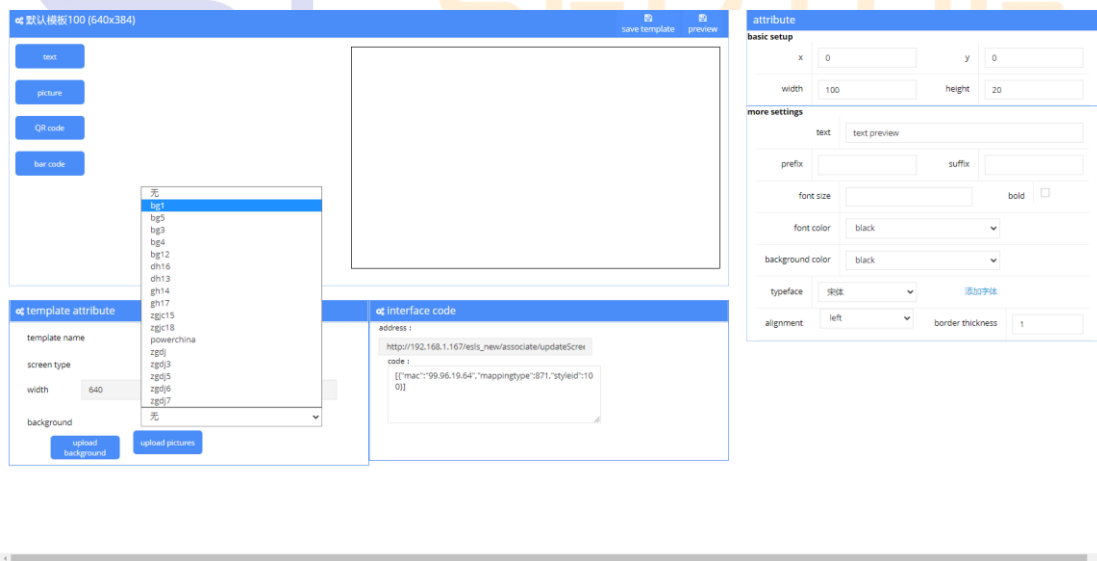
## Uploaded successfully:



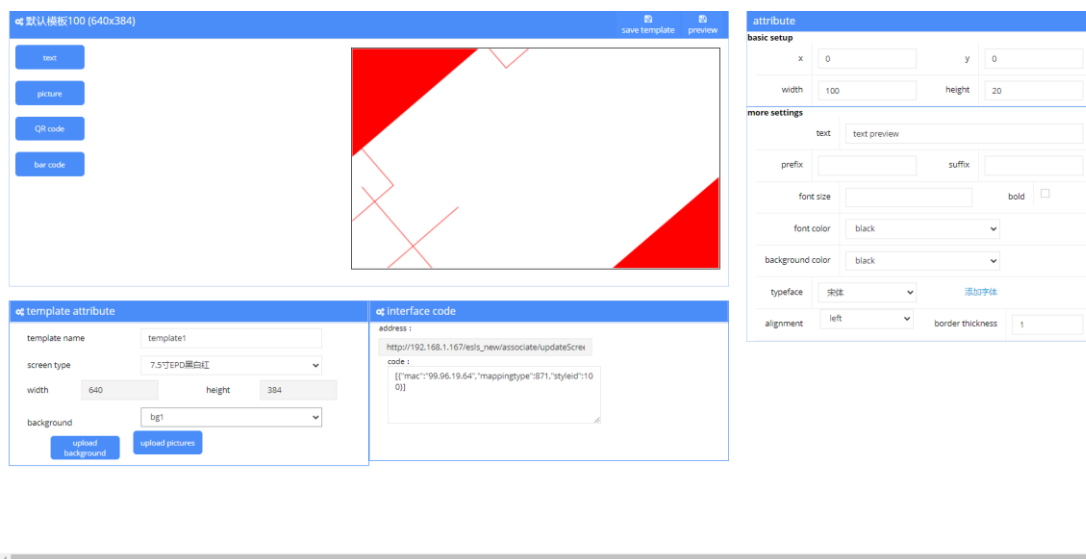
## 2.2.2 Modify template name



## 2.2.3 Choose a background image

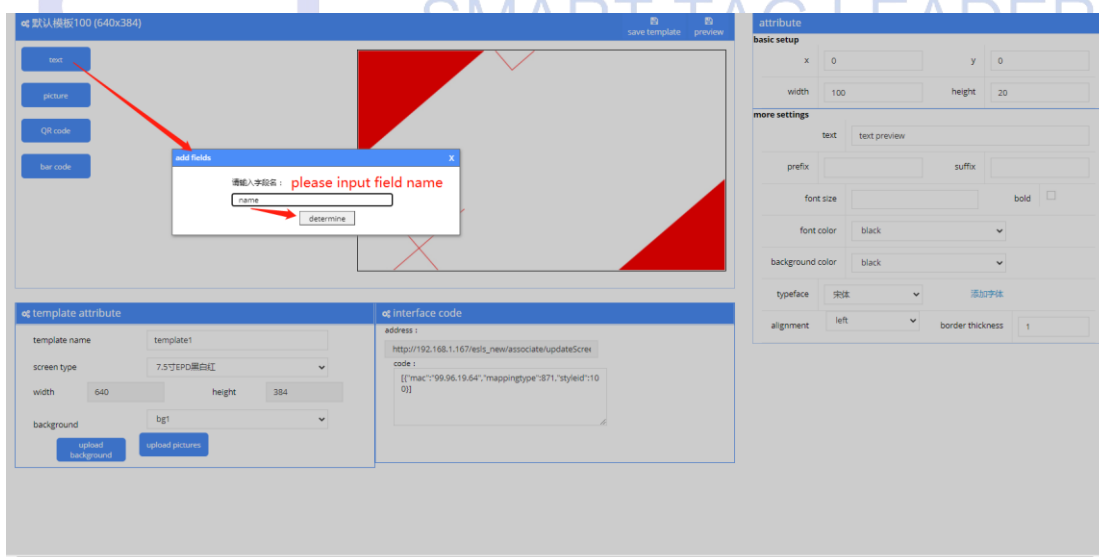


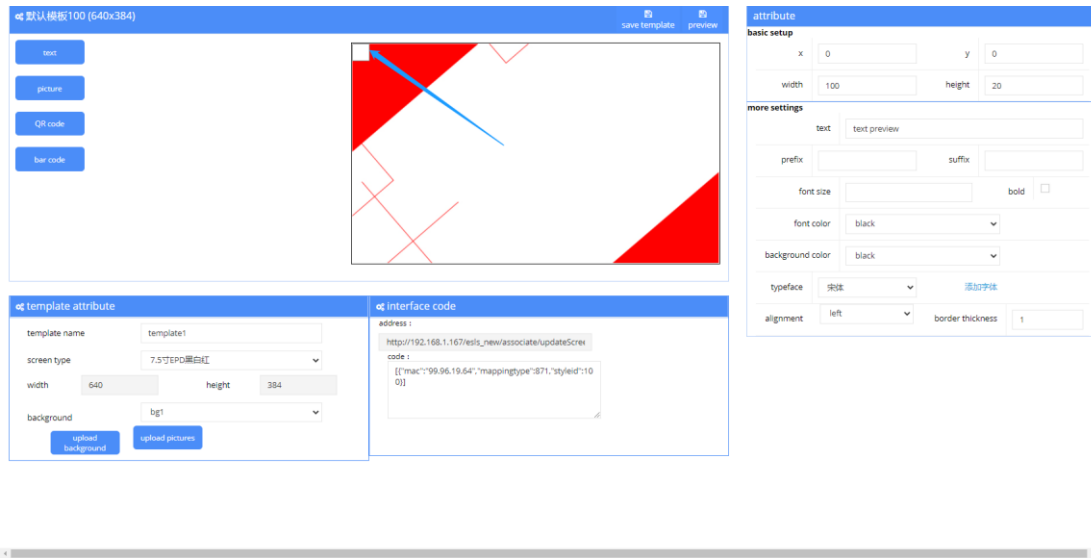
After selection:



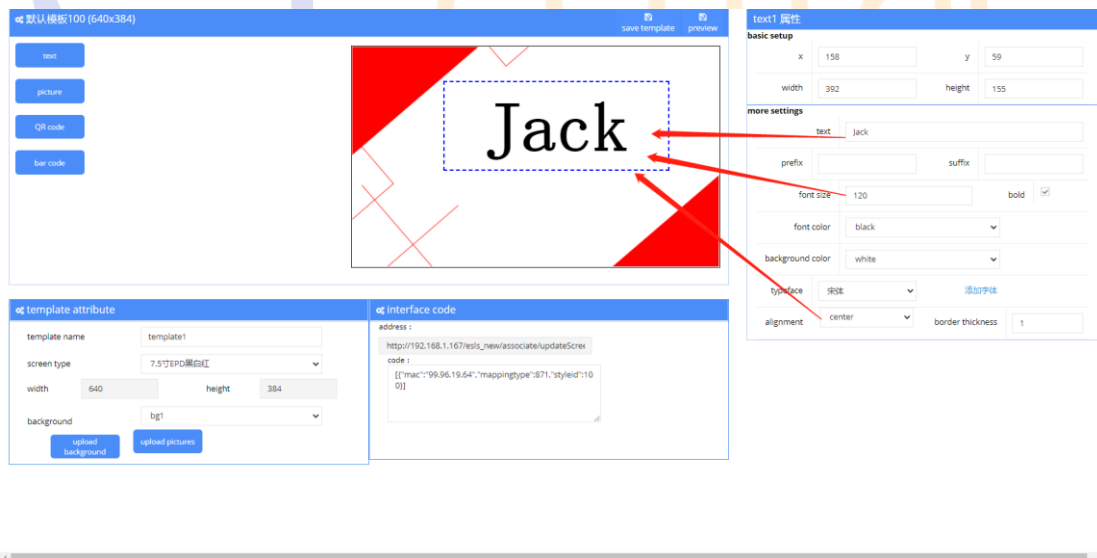
## 2.2.4 Add text

Click the field properties on the left, you can add the corresponding field to the template, and name the field you added when adding, for example, add a "name" field, as shown in the figure below:



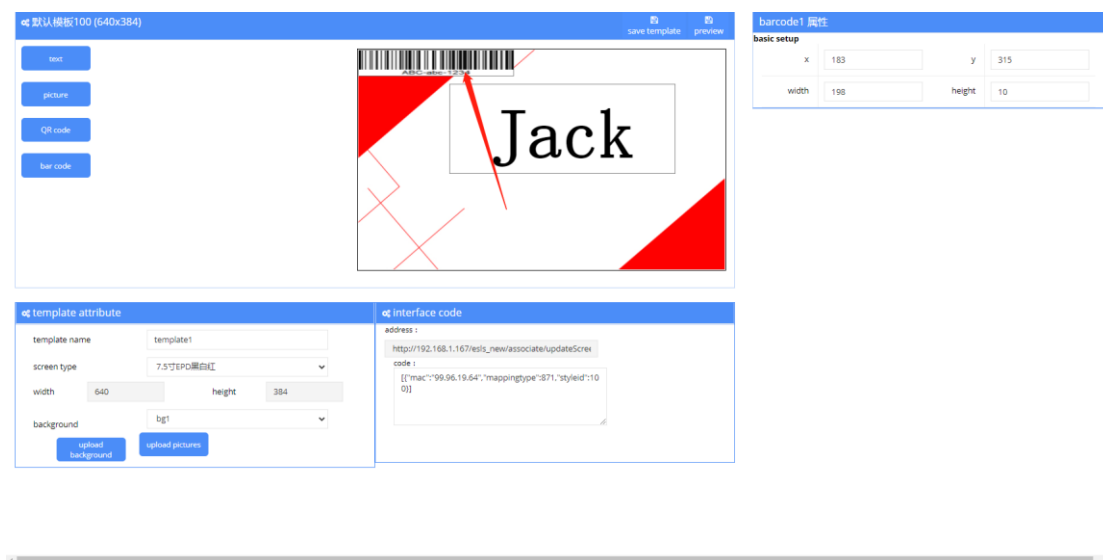
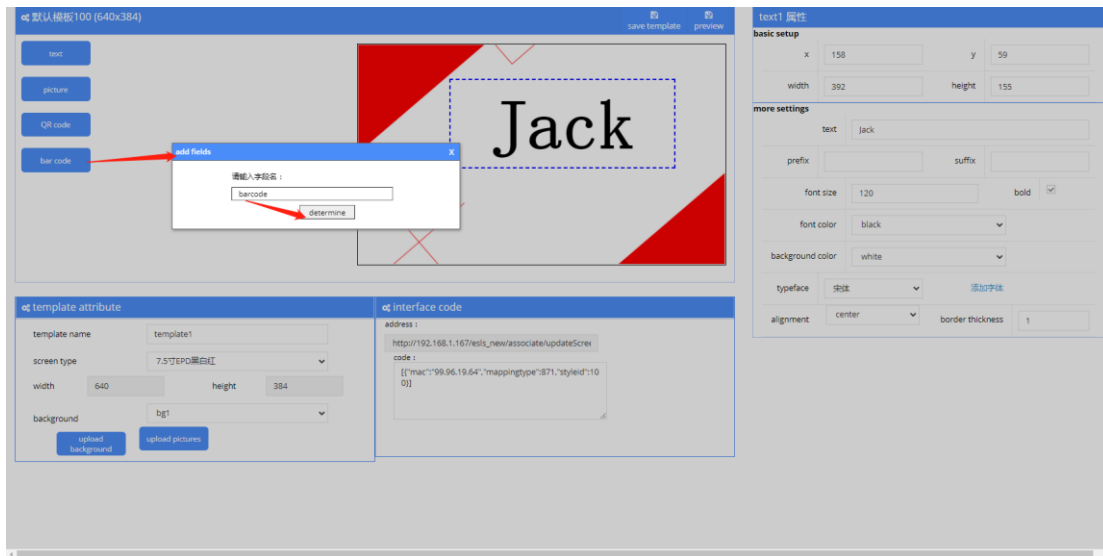


Click to select the field and drag the mouse to adjust the position of the field and the size of the frame, and you can also configure the parameters of the field on the right side:

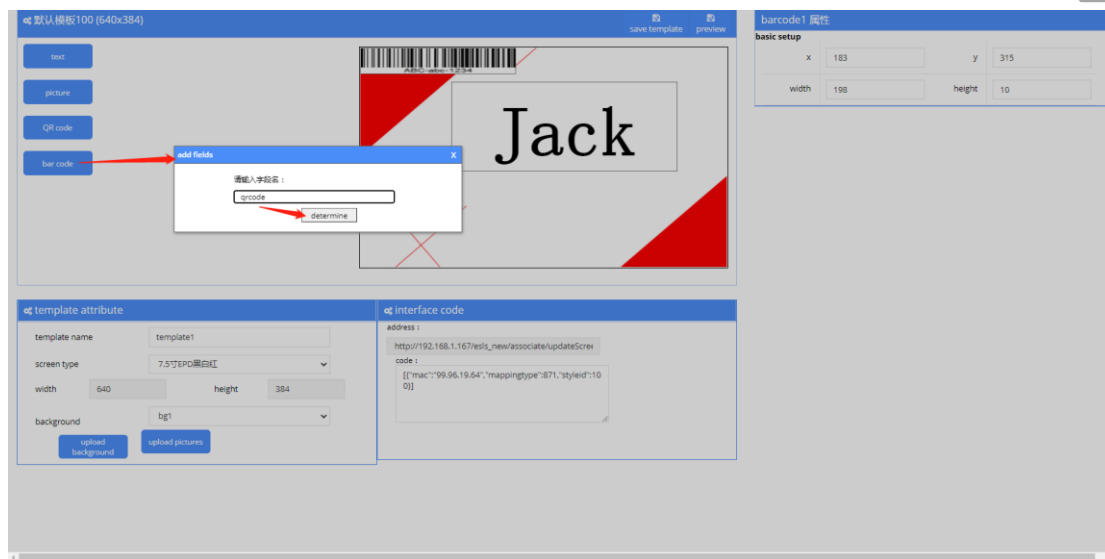




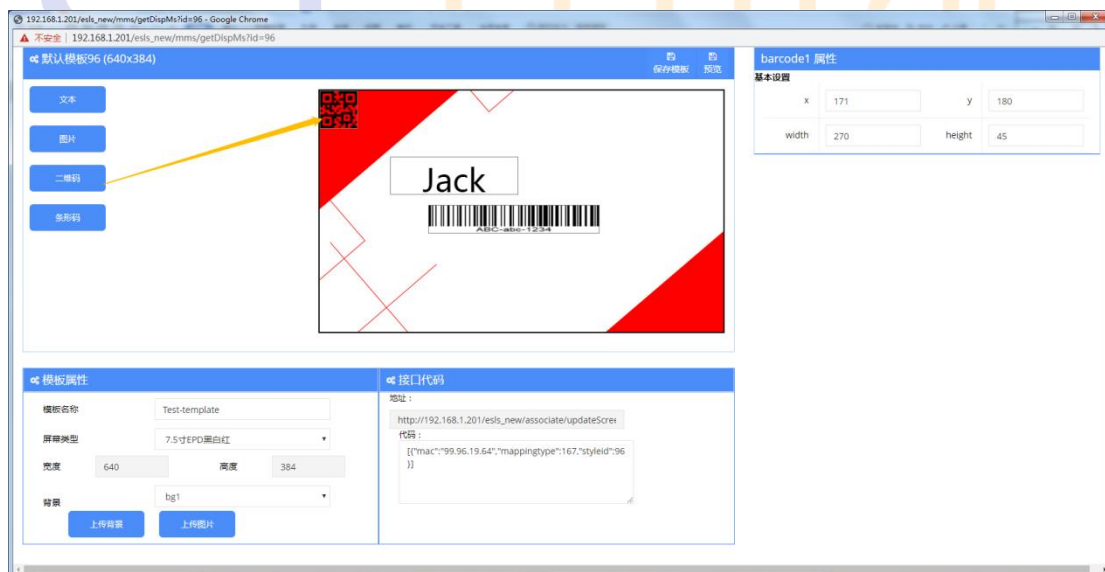
## 2.2.5 Add barcode field



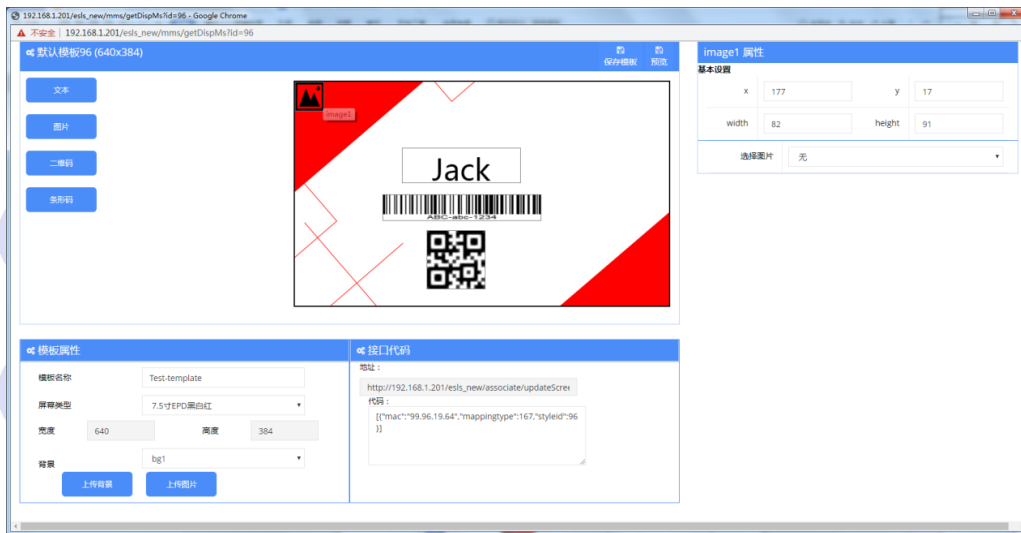
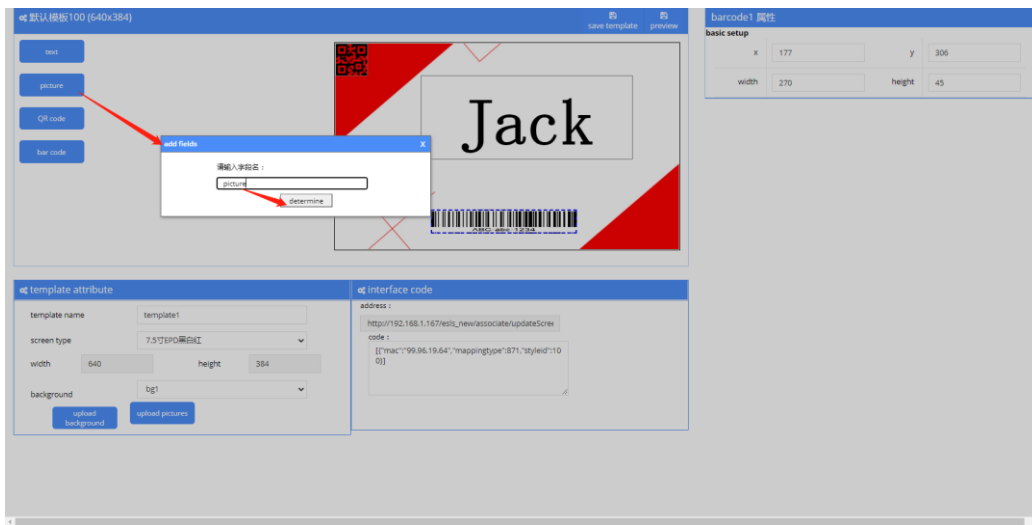
## 2.2.6 Add QR code field



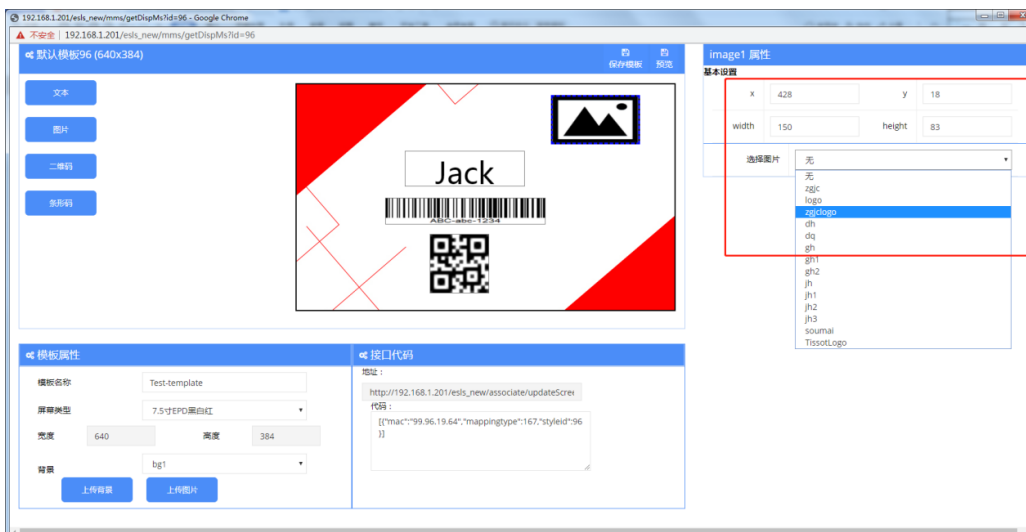
You can drag the QR code graphic to adjust the position, and the position and size parameters will be modified directly on the right side.

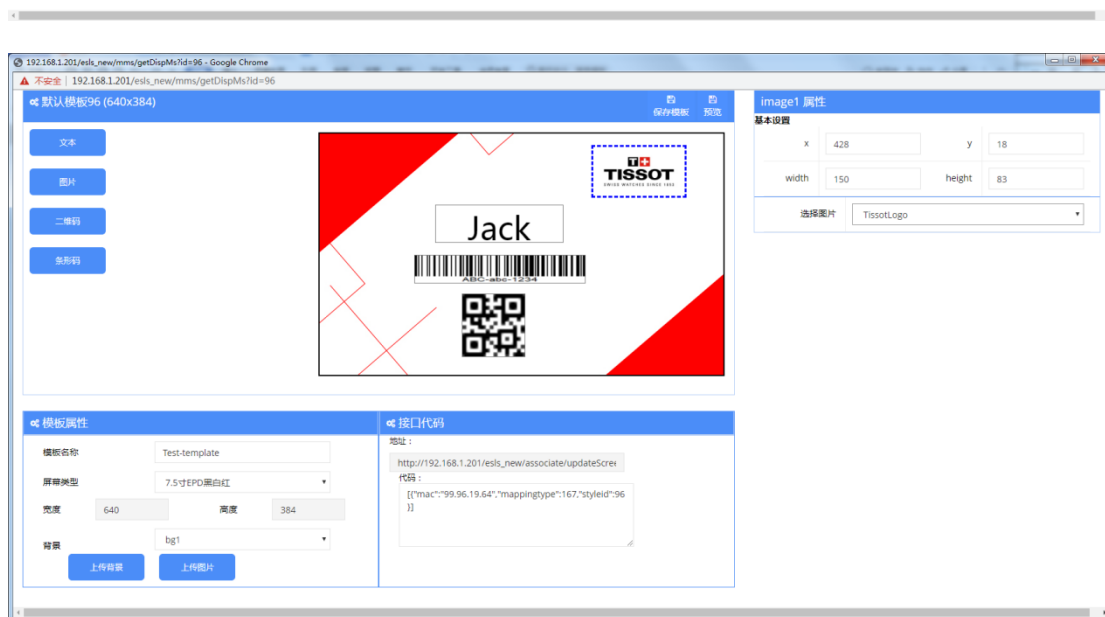


## 2.2.7 Add image field or logo



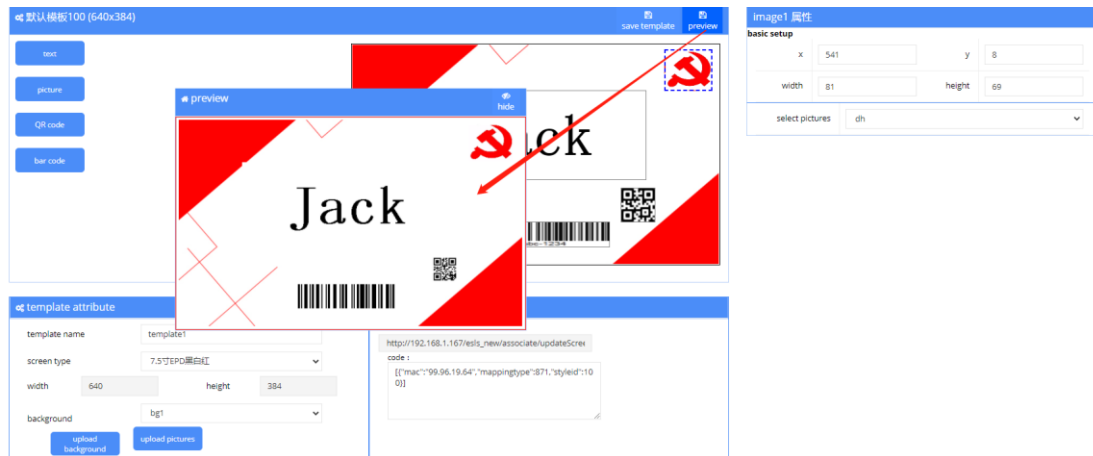
Adjust the position and size parameters of the logo on the right, and select the logo or picture you want to display:





**Note:** When refreshing, the parameters of the picture field should be filled in with the name of the uploaded picture.

## 2.2.8 Preview



## 2.2.9 Save template



## 2.2.10 Modify the template

Click the preview image or modify button:



Click to select "Select" to enter the template configuration interface to modify the last shift.



### 3. Interface docking instructions

#### 3.1 Interface example

Enter the interface editing interface, you can see the interface code of the template:



URL: [http://192.168.1.201/esls\\_new/associate/updateScreen](http://192.168.1.201/esls_new/associate/updateScreen)

To modify the ip and port number of the url according to the actual server address

Body parameters (application/json):

```
[
{
"mac": "99.96.19.64",
"mappingtype": 871,
"styleid": 100,
"bg1": "",
"name": "Jack",
"barcode": "123456789",
"qrcode": "http://www.baidu.com",
"picture": "dh"
}
]
```

]

### 3.2 Interface Description

Interface introduction:

No description

Basic Information:

Items	Interface Information
Interface status	Finish
Interface address	http://192.168.1.201/esls_new/associate/updateScreen
Request method	POST
Request type	json

Request parameters:

Body Json parameter description:

Parameter	Example value	Required	Parameter Description
0		Required	No description yet
0.mac	99.95.66.43	Required	Device ID number
0.mappingtype	167	Required	Mapping type
0.styleid	96	Required	Template ID
0.bg1	bg1	Optional	Background image field
0.name	Jack	Required	Text Field
0.bacode	20210123	Required	Barcode Field
0.qrcode	http://www.baidu.com	Required	QR code Field



0.logo	TissotLogo	Required	Picture Field, to pass the picture name
--------	------------	----------	-----------------------------------------

Raw parameter description:

```
[  
{  
  "mac":"99.96.19.64",  
  "mappingtype":871,  
  "styleid":100,  
  "bg1": "",  
  "name":"Jack",  
  "barcode":"123456789",  
  "qrcode":"http://www.baidu.com",  
  "picture":"dh"  
}  
]
```

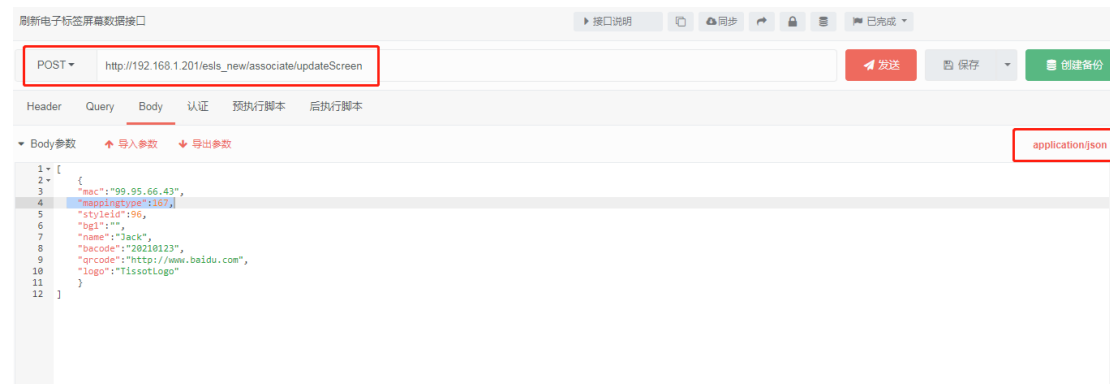
Response parameters:

Example response:

```
true
```

### 3.3 Interface test

Use http testing tools such as postman to test the interface.



### 3.4 Other interfaces

The electronic label system provides some other interfaces. For details, please refer to the interface document for docking.

## 4. Modify the V2 base station IP

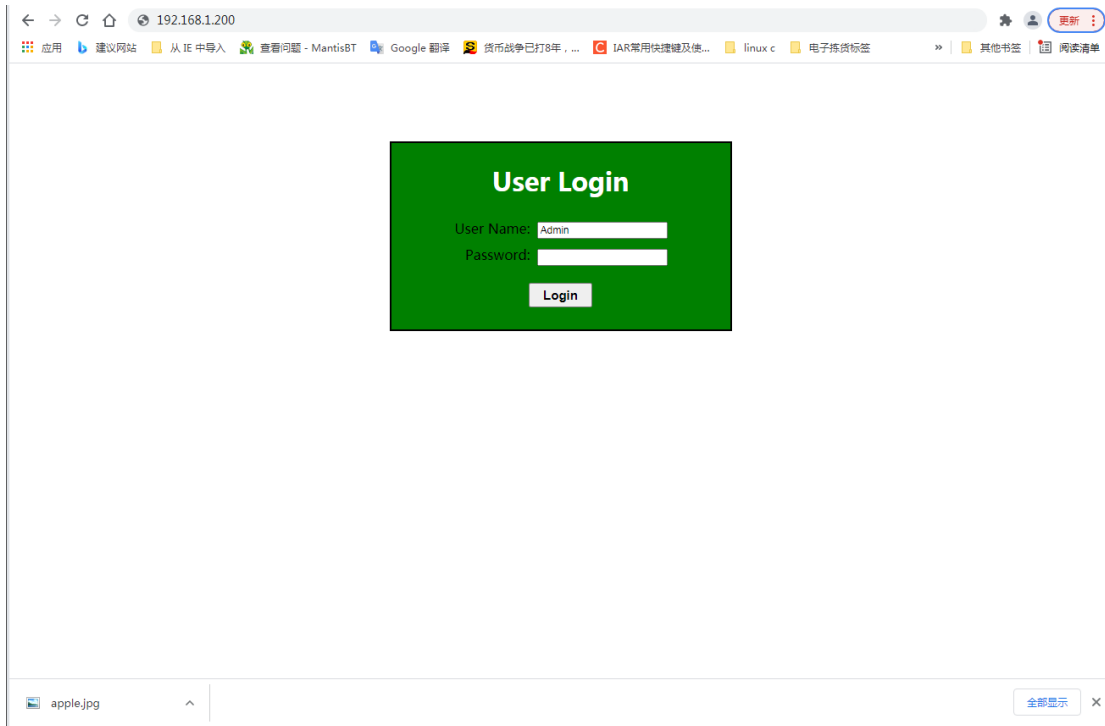
The default IP of the V4 base station is 192.168.1.200:

Wired access modification:

Connect the LAN port of the POE power supply to the computer, change the computer IP to 192.168.1.100 (the 192.168.1 network segment is sufficient), and then visit the browser:

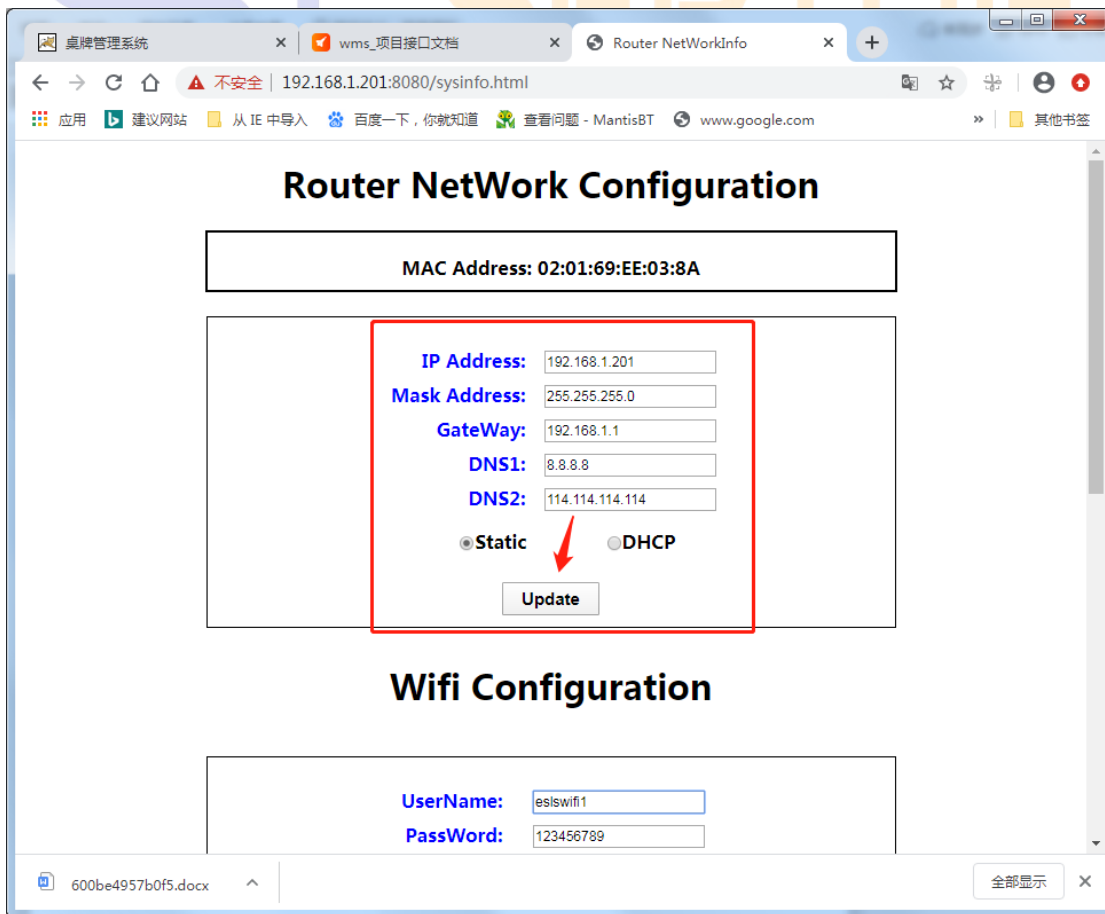
192.168.1.200

Login configuration interface



User Name: Admin

Password: 7834



## 5. Modify the V4 base station IP

The default IP of the V4 base station is 192.168.1.200:

Wired access modification:

Connect the LAN port of the POE power supply to the computer, change the computer IP to 192.168.1.100 (the 192.168.1 network segment is sufficient), and then visit the browser:

192.168.1.200:8080

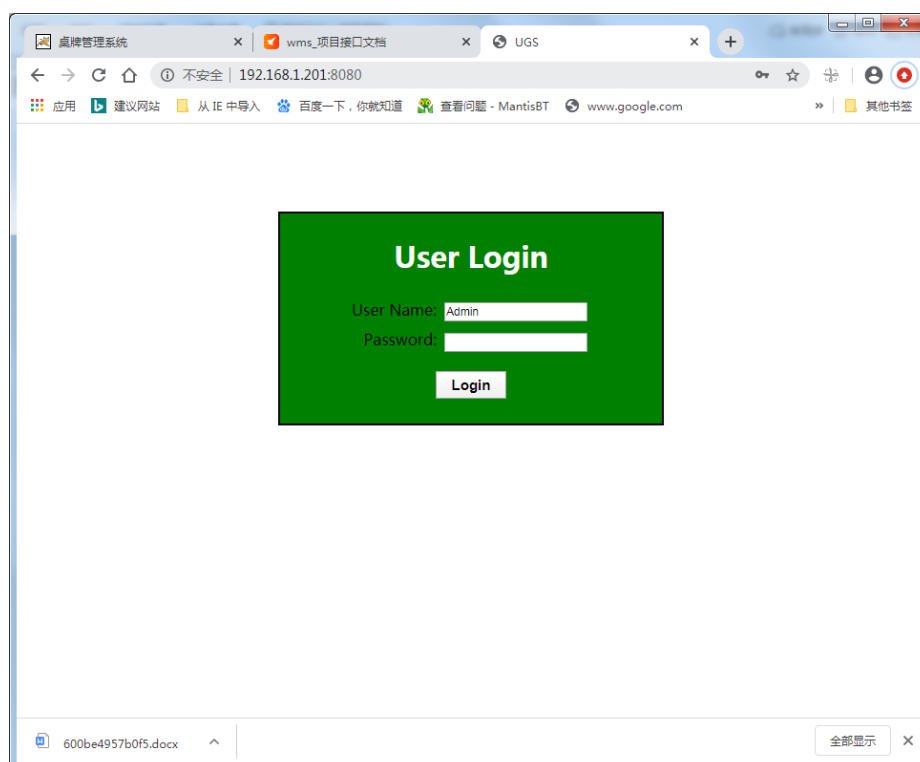
Wireless access modification:

Connect your mobile phone or computer to eslwifi2 with a password of 123456789.

After the connection is successful, the browser will visit:

10.254.117.1:8080

Login configuration interface



User Name: Admin

Password: 7834

