

2024

Wi-Fi E-ink Electronic Label Operation Guidance

DALIAN SERTAG TECHNOLOGY CO., LTD

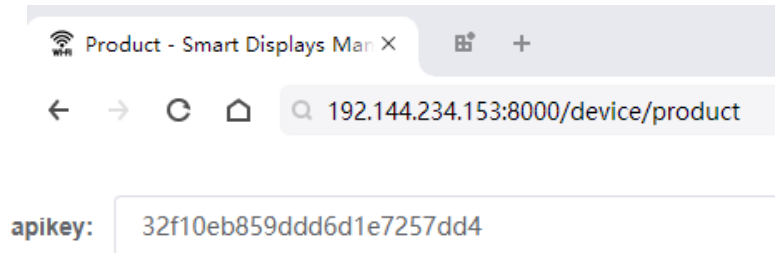
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1. Device Initialize

Get the information from the manufacturer:

1. Server address (MQTT Server Address)
2. Operate the account
3. Operating account binding (apikey)



2. Wi-Fi Dashboard - Smart Displays Manager

Log on to the WiFi tag management system: <http://192.144.234.153:8000/index>

Test account: user1080 Password: 123456 (for test use only)

We provide both cloud platform and V5 base station

2.1. Cloud Platform Login

Need to obtain the operation website and account number with the customer service personnel.

2.2. V5 base Station Login

Method 1: Cable network connection

The computer configuration ip is 192.168.1.xx (example: 192.168.1.99), and the computer and the base station are directly connected with the network cable.

Method 2: Connect the base station hotspot access

Hotspot connected to V5 base station (eslsWiFi3 / 123456789)

V5 Administrator account (mms / 123456)

3. Enter the Parameter Configuration Mode

3.1. Wi-Fi Table Card

(K: Register key, R: Reset key)



Long press the K key, the green light, and then press the R key, wait for the green light flash, you can release the button, the green light flash slowly, the device can enter the configuration Register mode.

3.2. 4.2-inch Wi-Fi Label

(right key: Register key, back key: Reset key)



Long press the right button, the green light, then press the back Reset button, wait for the green flash, you can release the button, the blue light flash slowly, the device can enter the configuration Register mode.

3.3. 4.2-inch Wi-Fi Label

(Large key: Register key, small hole in the back: Reset key)



Long press the button still, the green light, the pin under the back hole, wait for the green flash, you can release the button, the blue light flashes slowly, the device can enter the configuration Register mode.

3.4. 7.5-inch Wi-Fi Label

(Key: Register key, back hole: Reset key)



Long press the button still, the green light, the pin under the back hole, wait for the green flash, you can release the button, the blue light flashes slowly, the device can enter the configuration Register mode.

3.5. The 10.2/13.3-inch Wi-Fi Label

(Side key: Register key, small hole in the back: Reset key)



Long press the button still, the green light, the pin under the back hole, wait for the green flash, you can release the button, the blue light flashes slowly, the device can enter the configuration Register mode.

4. Wi-Fi Tag Register (Computer Version)

4.1. Install the WiFi-Tool tool

Need the windows system computer and have the WiFi function

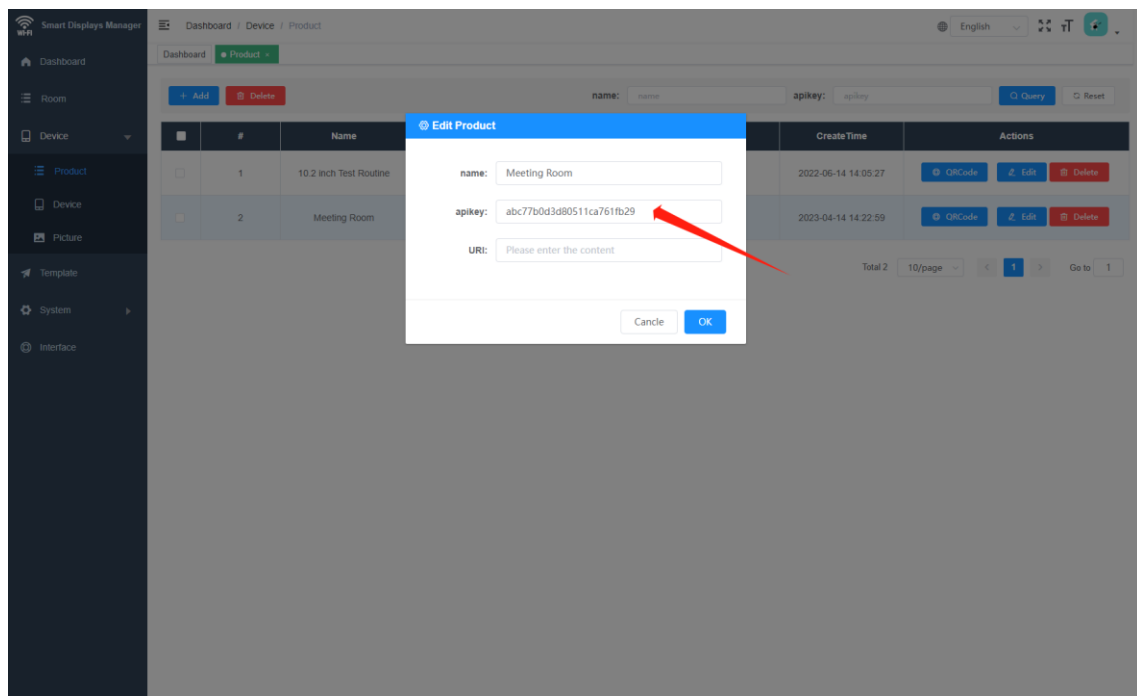
Download the software installation

[package:http://a.picksmart.cn:8088/picksmart/app/WiFi-Tool-Setup-V1.0.37.zip](http://a.picksmart.cn:8088/picksmart/app/WiFi-Tool-Setup-V1.0.37.zip)



4.2. Configure the Operation Process

Log in to the WiFi tag management system to the device management-product management, copy the "Product Apikey" parameter, open the "WiFi-tools" software tool, fill in the parameters, click the "" button, and go to the next step;



Note: The computer has a WiFi connected equipment, recommended to use the notebook, with a wireless network card

Click the Start Search " button: Successfully display the product equipment MAC address, green light slow flash;

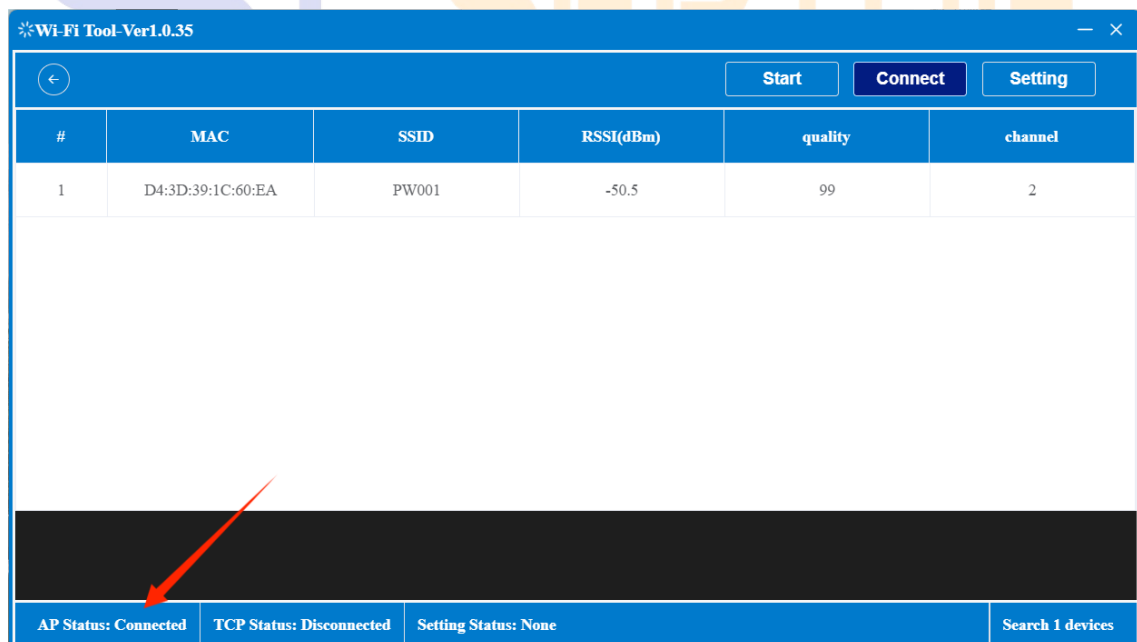
#	MAC	SSID	RSSI(dBm)	quality	channel
1	D4:3D:39:1C:60:EA	PW001	-50.5	99	2

AP Status: Disconnected TCP Status: Disconnected Setting Status: None Search 1 devices

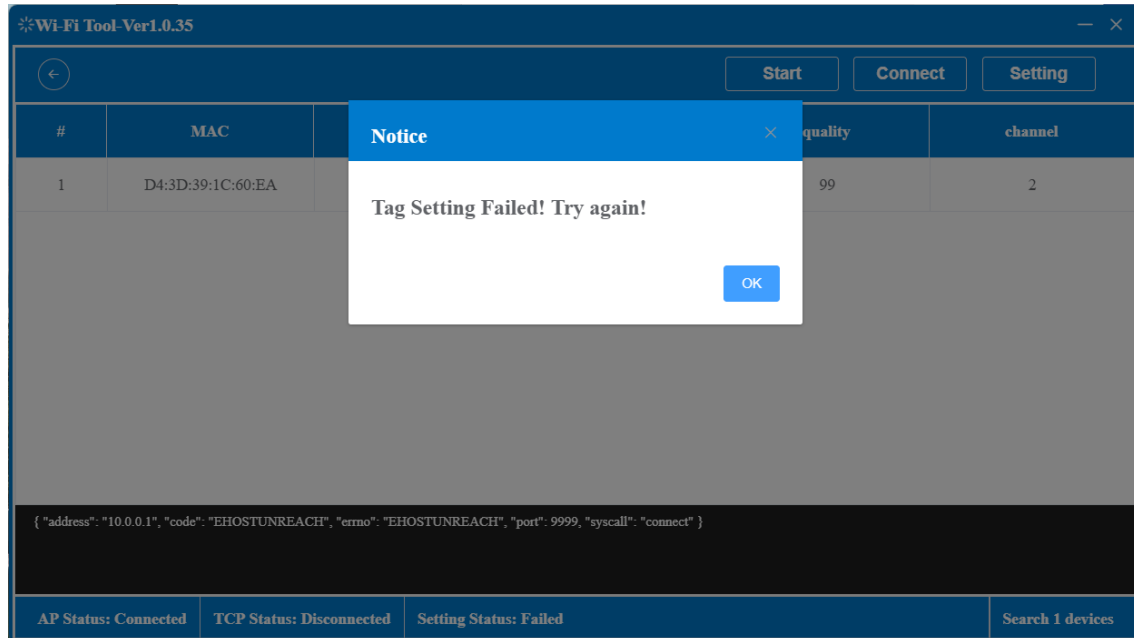
Note: You can click on the WiFi refresh in the lower right corner of the computer



Click "Connect device", the AP connection status in the lower left corner: Connect, indicating the device connection, green light flash;



Click "Set parameter", lower left TCP connection status: Connect, pop up the tag setting success prompt, indicating the device parameters successfully registered, green light flash faster, automatically turn out the light.



After setting success:

Green light off: indicates a successful WiFi connection

Red light flash: indicates that the WiFi connection is not successful

5. Wi-Fi Tag Register (Mobile Version)

5.1. Enter the Parameter Configuration Mode



Long press the K key, the green light, and then press the R key, wait for the green light flash, you can release the button, the green light flash slowly, the device can enter the configuration Register mode.

5.2. Configure the Operation Process

Open the wireless area network and connect the labeled WiFi "PW 001";



Computer click on the link: <http://10.0.0.1/index.html> Enter the configuration mode;



WiFi Parameter Setting

Warning: Only 2.4G band is supported

WiFi Setting

SSID:

Password:

Auth:

Hidden:

MQTT Setting

Broker:

Port:

apiKey Setting

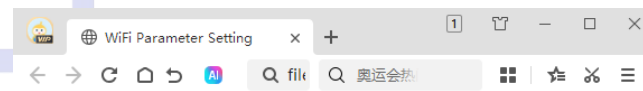
apiKey:

The account password for the WiFi hotspot

ApiKey Provided by the manufacturer

Server address

The Wi-Fi parameter setting is completed, as shown in the figure;



WiFi Parameter Setting

Warning: Only 2.4G band is supported

WiFi Setting

SSID:

Password:

Auth:

Hidden:

MQTT Setting

Broker:

Port:

apiKey Setting

apiKey:

Fill in the Wi-Fi parameters and click "Generate QR code";



Mobile phone open the QR code on the browser scan computer, this page click "submit" to submit;



WiFi Parameter Setting

Warning: Only 2.4G band is supported

WiFi Setting

SSID: CW-2G4

Password: corewind2

Auth: WPA2

Hidden: NO

MQTT Setting

Broker: 192.144.234.153

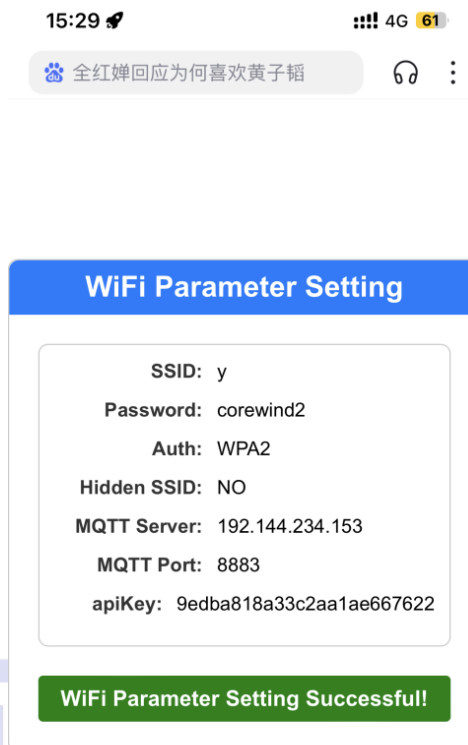
Port: 8883

apiKey Setting

apiKey: 9edba818a33c2aa1ae667622

submit

The appearance of this page indicates that the Wi-Fi parameters were set successfully!

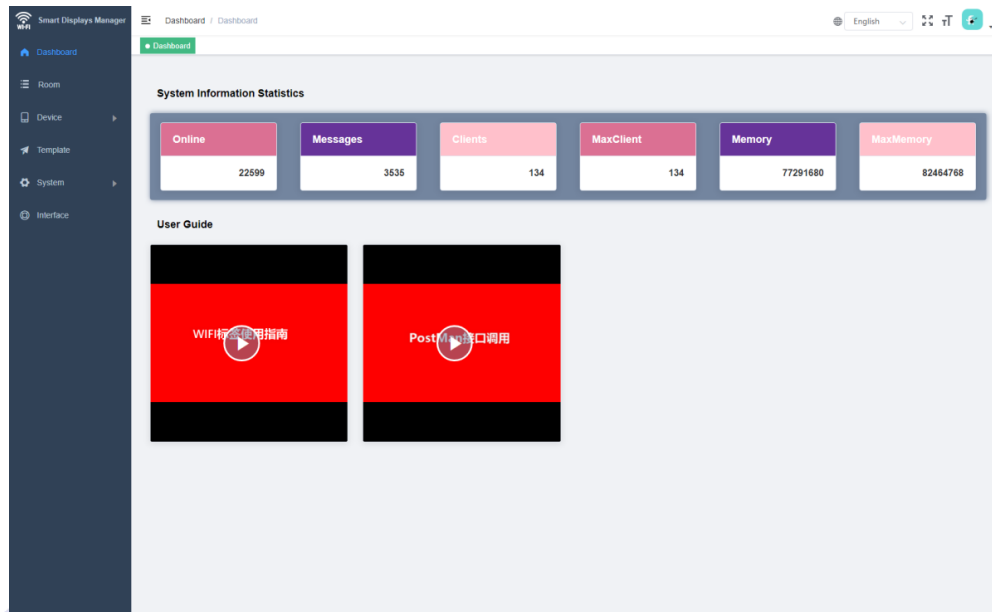


Note: Refresh failed or too slow can click on the mobile phone WiFi "PW 001", to connect to this hotspot to configure.



6. The Wi-Fi Tag Management System is Refresh

Click on the <http://192.144.234.153:8000/index> link to log into the WiFi Tag management system.



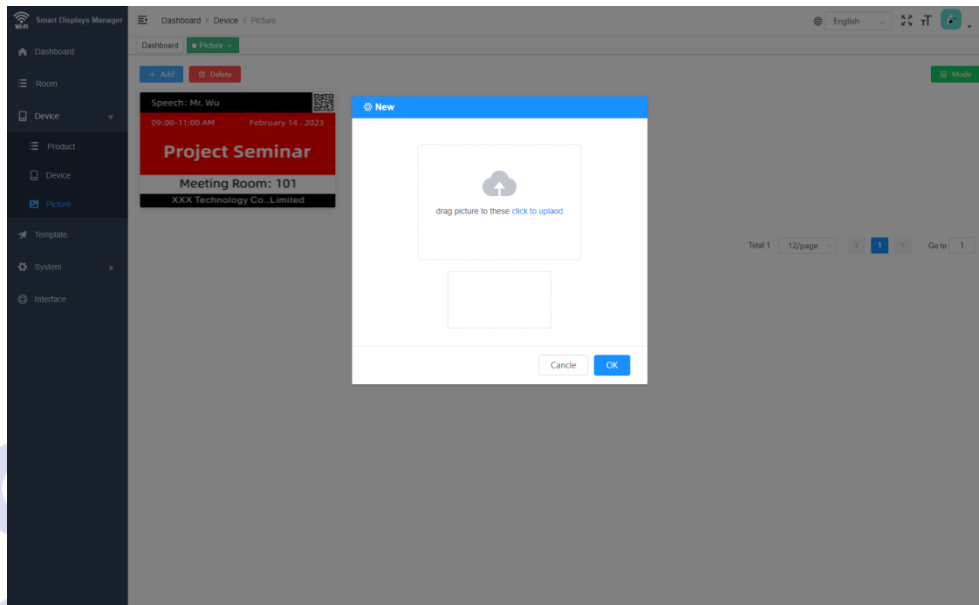
6.1. Make Template Methods

Click "Template Management" to the "New" template page, select the "screen resolution" relative to the label product, support the content format of text / picture / QR code / bar code, edit the template, select the device MAC address parameters, click "Screen projection" to refresh the screen;



6.2. Upload the Picture Template Way

If it is a template made in other software, you need to set the corresponding resolution size of the label product, click "Device Management" to the "Layer Management" page, select "New" to pop up this page, drag the file here, or click to upload the picture template;



Press the product base K key, the lower right corner will pop up the device MAC address, copy the parameters to the "MAC address" of the "Device Management" search box to query the device, successfully pop up the label product, click "Set" to "screen operation", select the picture "Update" to refresh the uploaded picture template.

Smart Displays Manager

Dashboard / Device / Device

Dashboard Picture Device Product

Product: Product MAC Address: MAC Address Screen Type: Screen Type Status: Status

#	MAC Address	Product	Screen Type	Status	Create Time
1	D4:3D:39:17:3C:5C	10.2 inch Test Routine	10.2 inch EPD/Black/White/Red	online plug 1350m 4.02V	2022-06-13 12:00
2	D4:3D:39:17:4A:F9	10.2 inch Test Routine	10.2 inch EPD/Black/White/Red	offline plug 4000m 3.79V	2022-05-14 13:00
3	D4:3D:39:1C:A2:10	10.2 inch Test Routine	10.2 inch EPD/Black/White/Red	offline plug 1350m 3.79V	2022-06-14 14:00
4	D4:3D:39:1C:60:EA	10.2 inch Test Routine	10.2 inch EPD/Black/White/Red	online plug 4600m 3.54V	2022-10-10 17:00

Device Settings

MAC: D4:3D:39:1C:60:EA

LED Action

Display Action

Algorithm: binarization

Pictures:

Update

MQTT Configure

Station Configure

The D4:3D:39:1C:60:EA device' button button0 pressed

