

Quota warning host

FH101

User's manual

Firstly, we would like to express our sincerest gratitude to you for choosing our company's products. Please read this manual carefully before using it correctly. Please keep it safe and take it out for reading if necessary.

Statement

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Attention

The parameters used in the screenshots shown in this manual are only for reference in setting examples and may not be completely consistent with the actual situation. Please set the parameters according to your actual needs.

Due to different software versions, the screenshots shown in this manual may not be completely consistent with the web interface of the product you purchased. Please configure your product according to the actual web interface. The host images in this manual are for illustration purposes only and may be different from the product you purchased, but they will not have any impact on your normal use. Please use them with confidence.

Contact information

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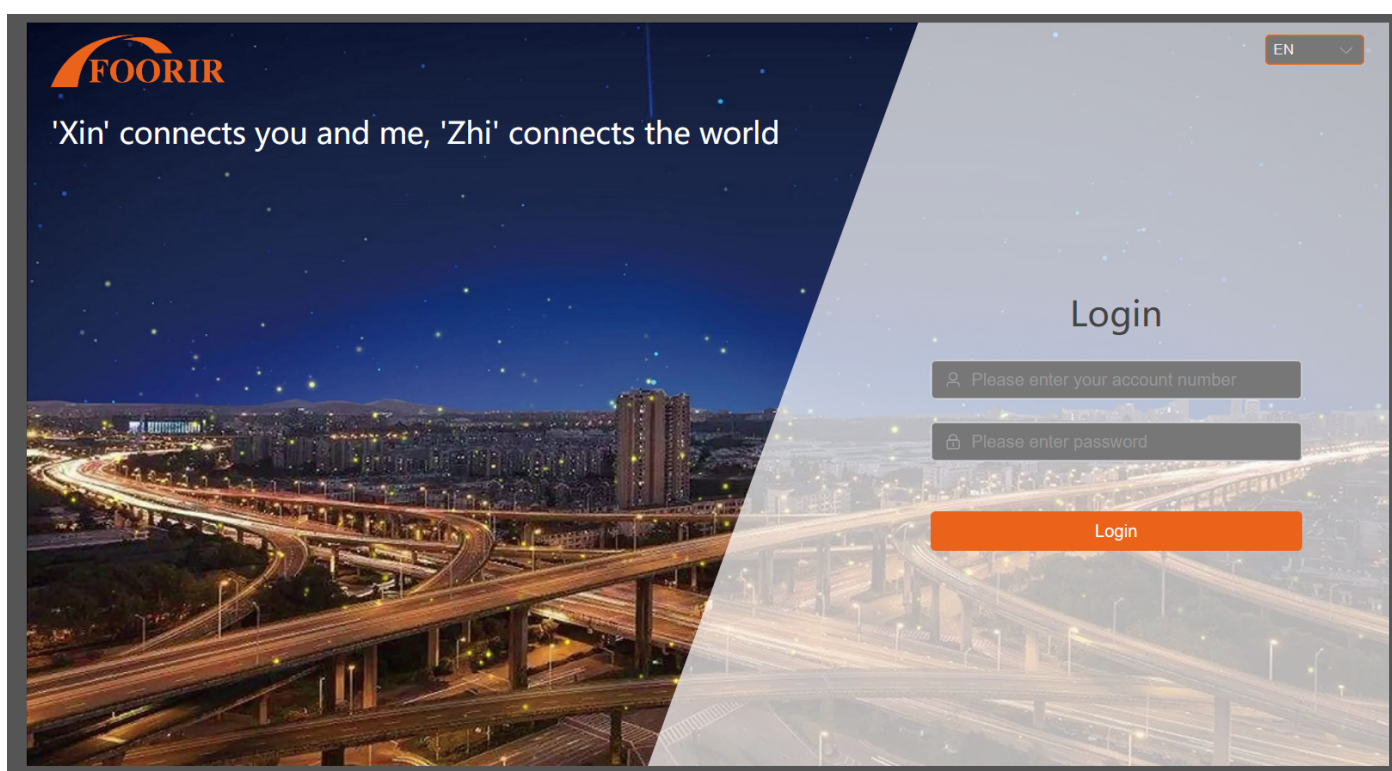
Quota warning host

Chapter 1 Quick Login on WEB

1.1 WEB login

Step 1: Use a computer to directly connect the network cable to the passenger warning host (the host defaults to a static IP, and the computer must be set to a static IP and cannot be the same as the host IP)

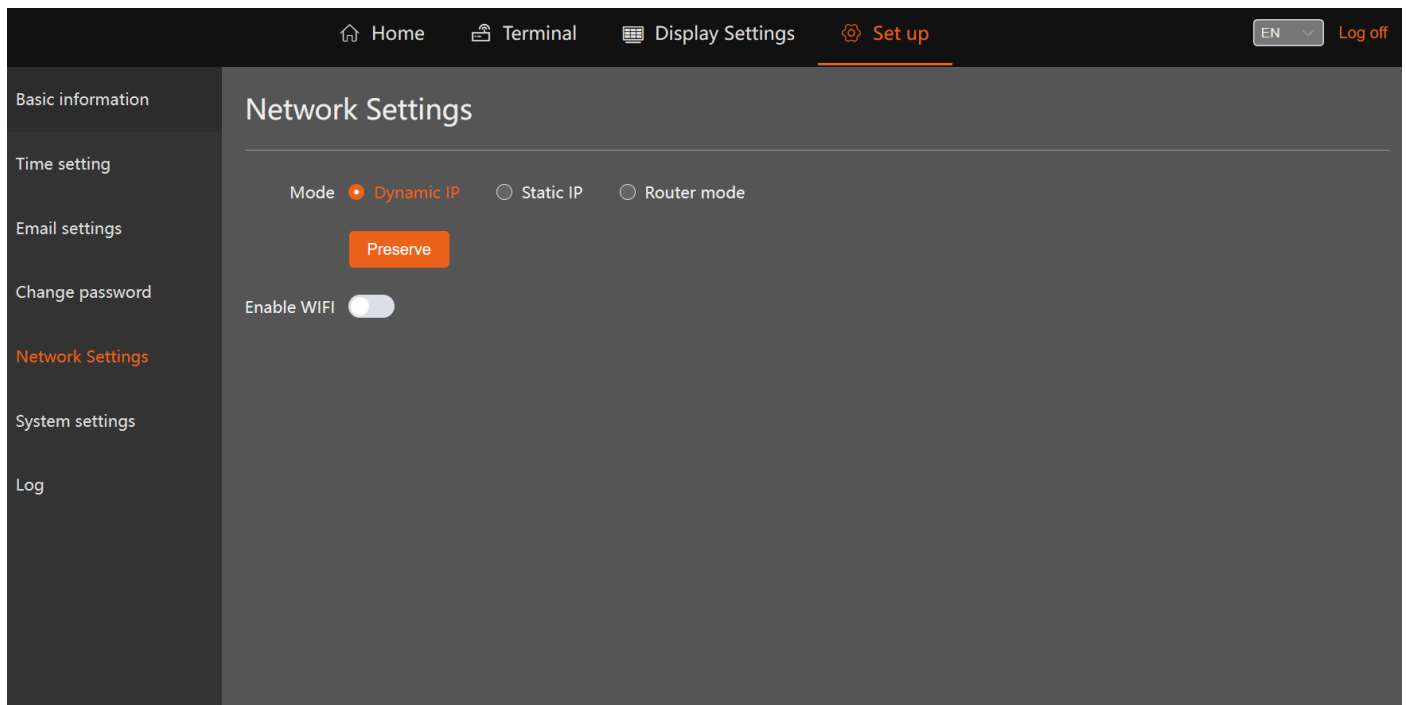
Step 2: After the host is started, enter (192.168.1.1) on the computer browser to access the login page as shown in the figure. Enter the initial account admin and initial password 12345678, and click login.



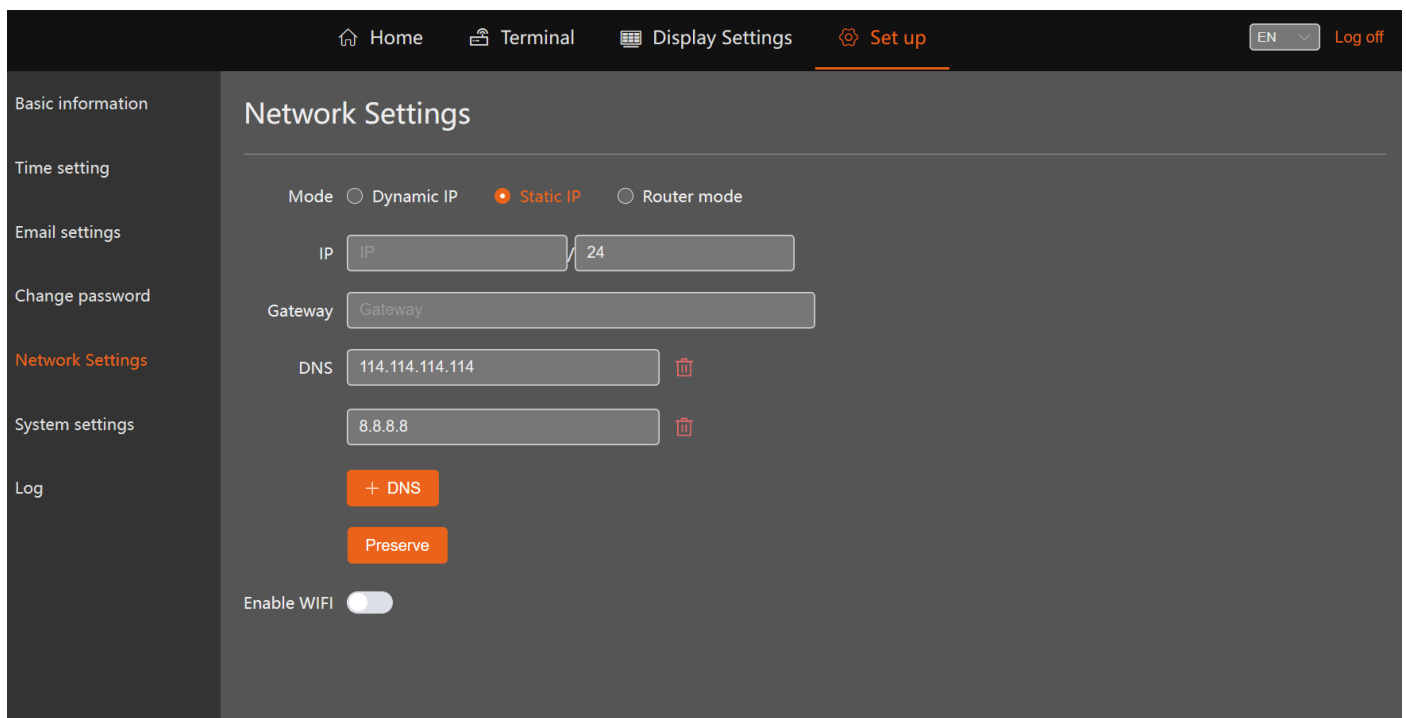
Chapter 2 Configure Host Internet Access

2.1 Configure Host Network Settings

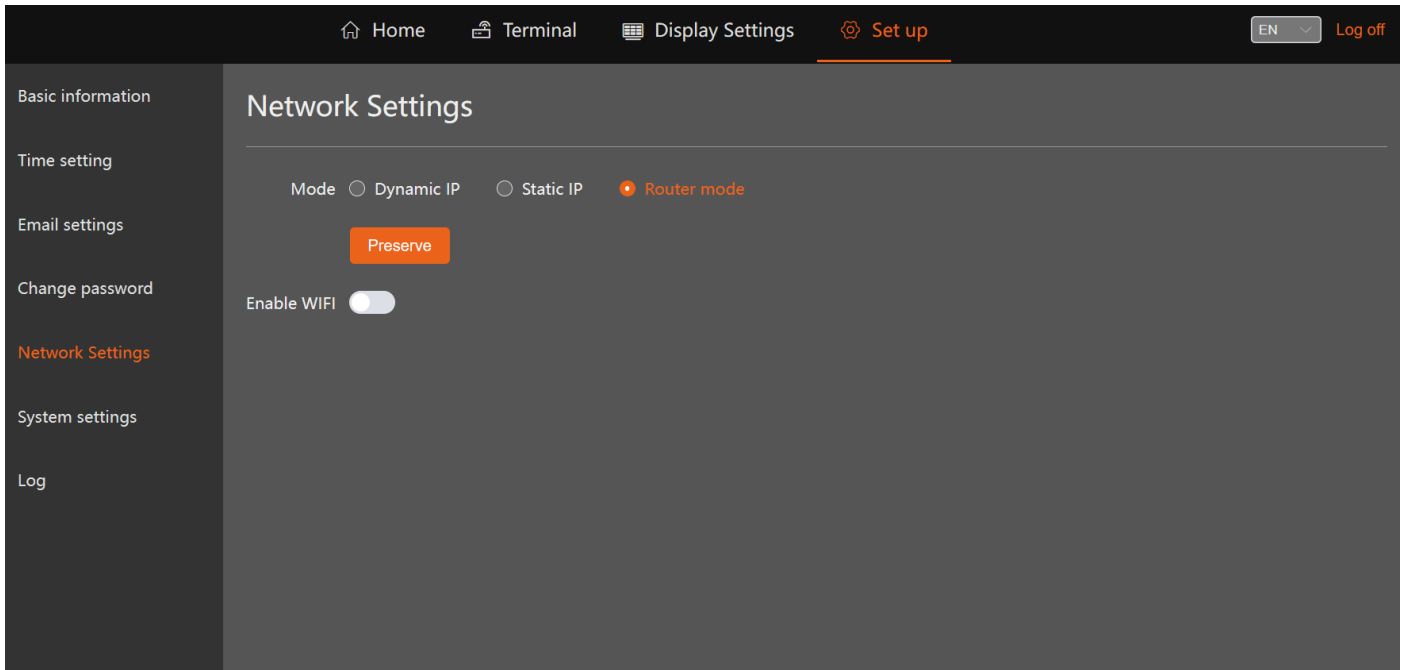
If the host needs to be connected to a router (internet connection) for use, configure this operation. If not, skip this operation step. Log in to the system, click "Settings - Network Settings", and switch the button to dynamic IP to restart the device.



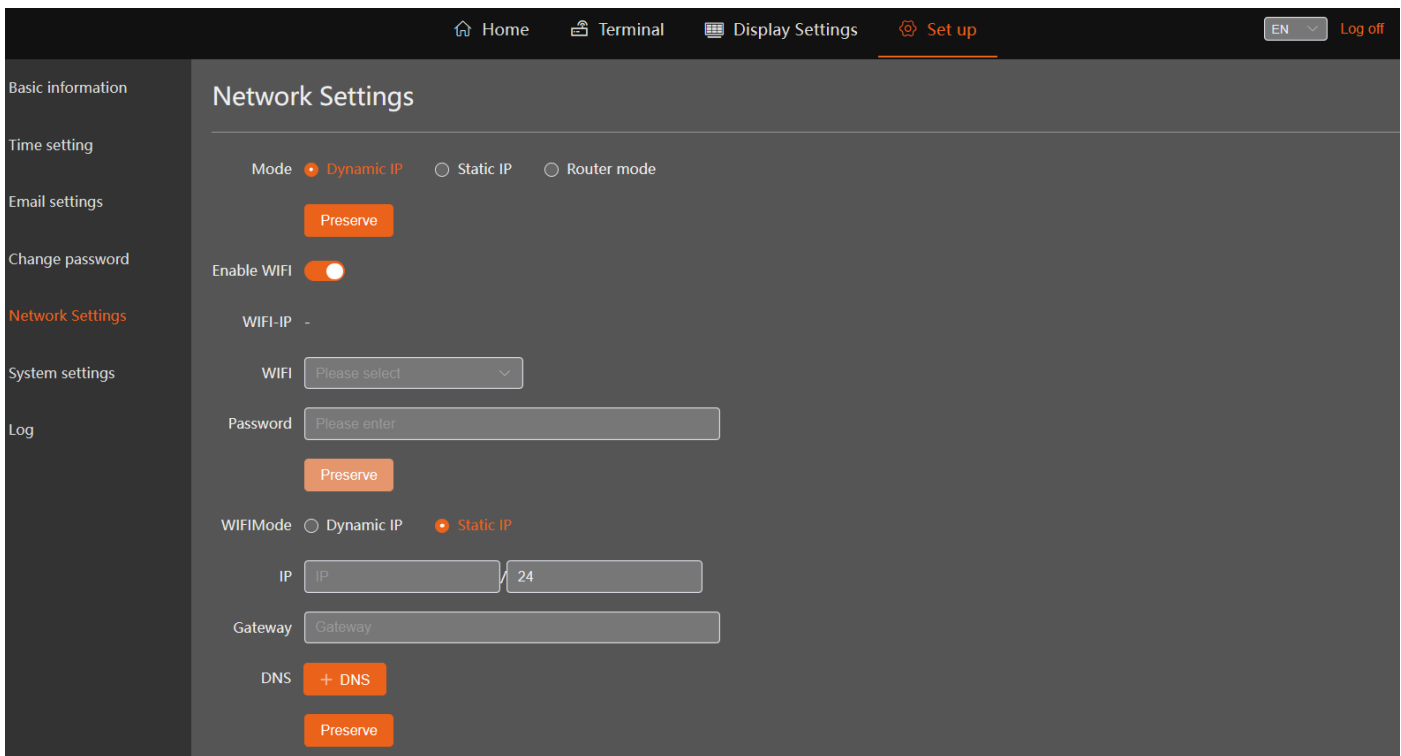
Users can select a static IP according to their needs, enter the IP and gateway, click save, and restart the device.



Users can choose the router mode according to their needs (i.e. using the host as a router, where the gateway can be considered as a router), click save, and restart the device



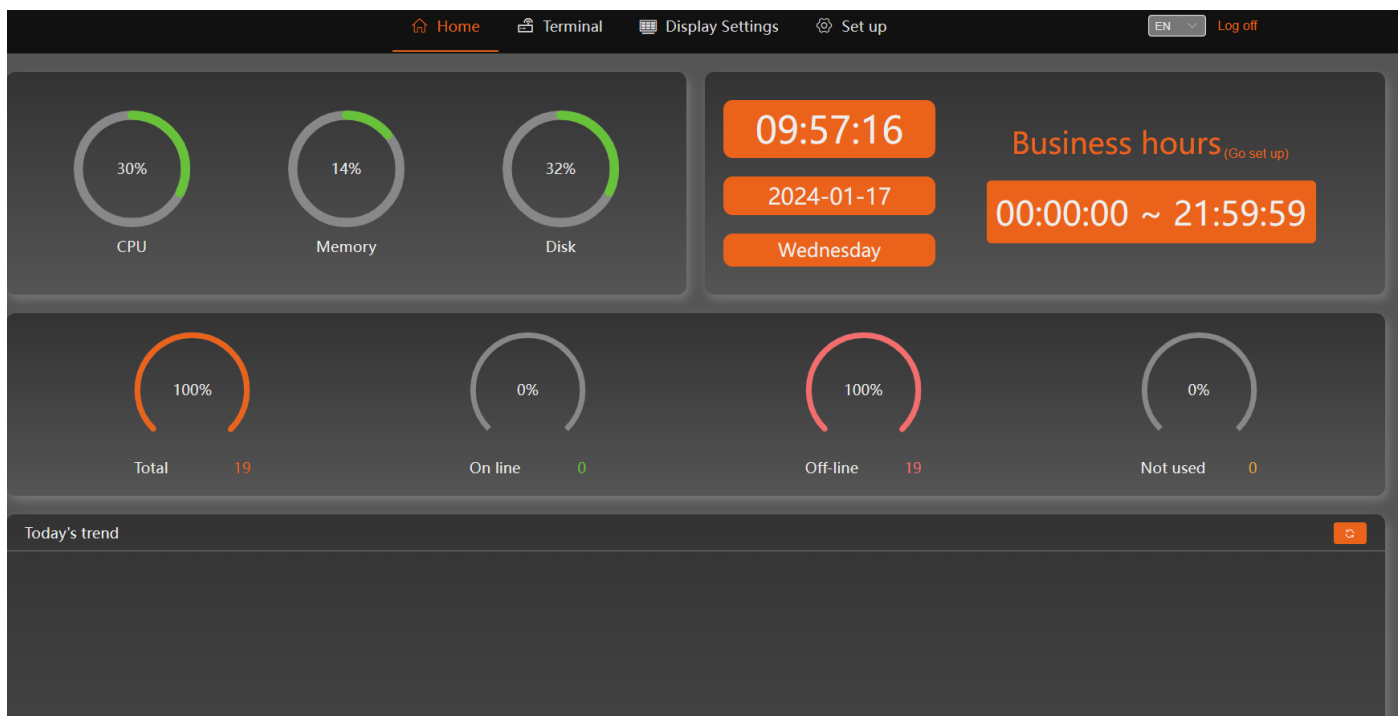
Some customized users need to use the WIFI enable function, enable WIFI, select WIFI, enter password, select WIFI mode, static IP requires entering IP and gateway, click save



Chapter 3 System Homepage

3.1 System homepage

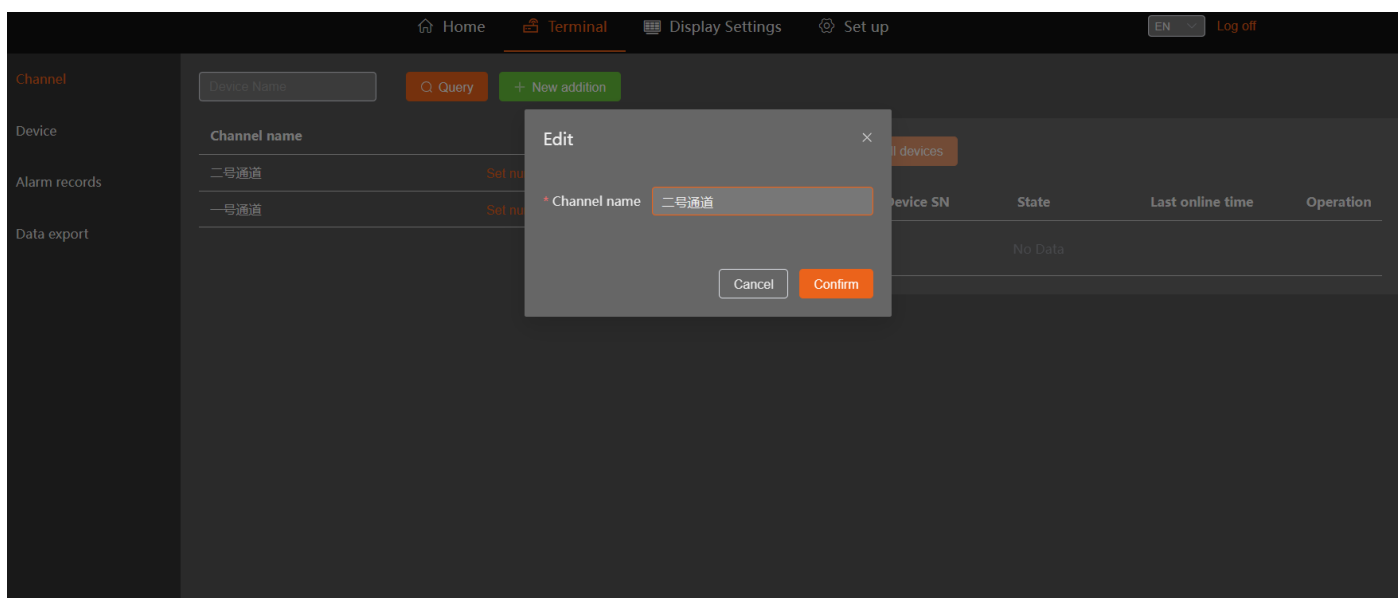
The system homepage mainly displays the status of passenger flow devices connected to the host's local area network (CPU, memory, disk usage status), and the total number of devices (showing the number of online/offline/unused devices of passenger flow devices)



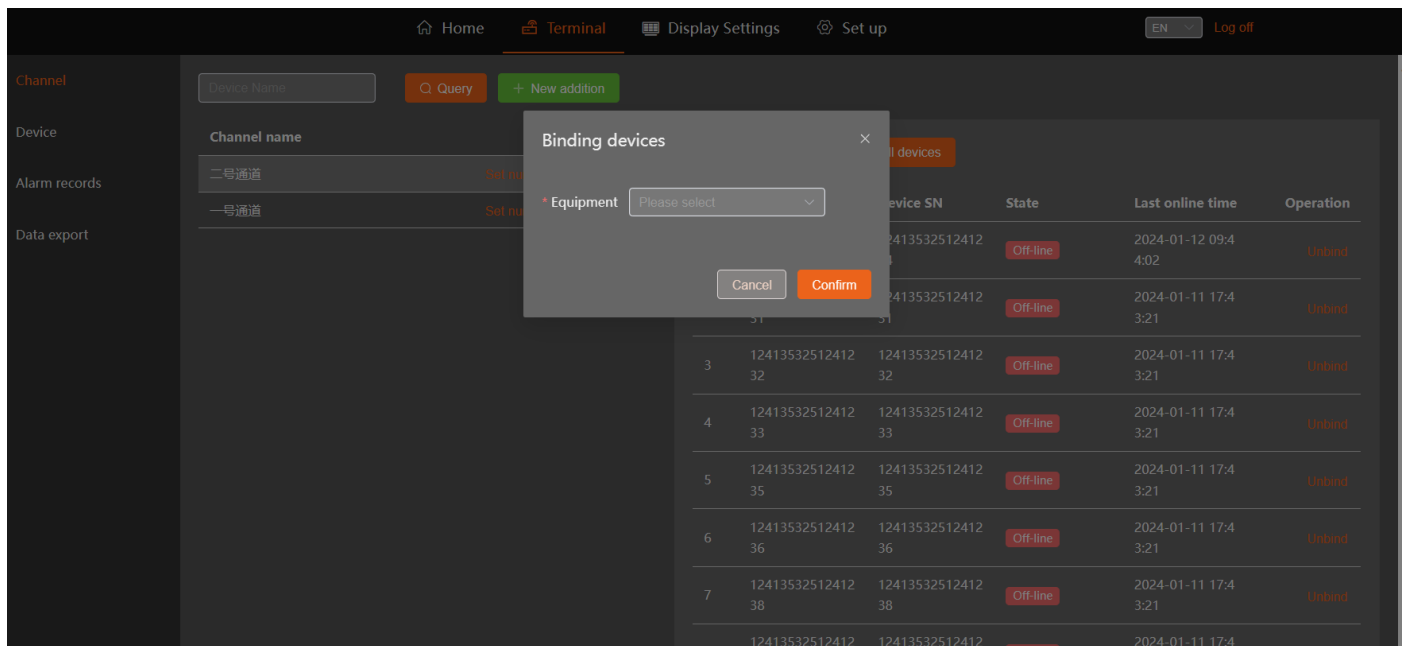
Chapter 4 Terminal Management

4.1 Channel management

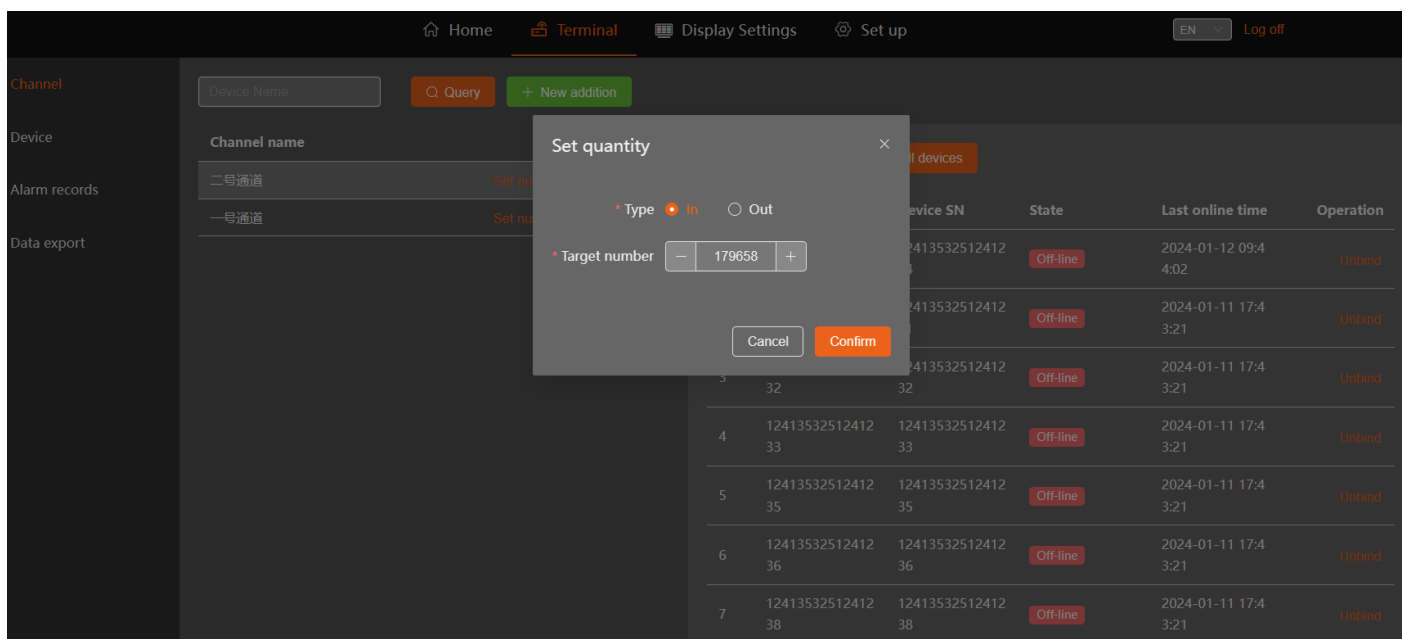
Channel: can be understood as a combination of an area, an inlet or outlet, or multiple inlets and outlets. As shown in the figure, the first step is to create a channel, fill in the name of the channel, and after filling it out, click "Confirm".



Bind as shown in the figure: Click the "Bind Device" button to bind the passenger flow devices that have already been connected to the host LAN to the specified channel.



Modify the number of people in the channel as shown in the figure: click "Set Number of People", select the type of number of people in/out, enter the target number of people, select and fill in the information, and then click "OK".



4.2 Equipment Management

The passenger flow equipment is connected to the local area network of the passenger flow warning host. The host will automatically search for passenger flow equipment, and the equipment will be automatically displayed in the list, and the real-time online status of the equipment can be viewed.

Home

Terminal

Display Settings

Set up

EN

Log off

Channel

Device Name

Q Query

+ New addition

Delete

Clear

Scanning device

Device

☐	Device Name	Device SN	Channel name	State	Last online time	Binding time	Operation				
☐	1241353251241250	1241353251241250	一号通道	Off-line	2024-01-11 17:43:21	2024-01-11 08:48:39	Upload	Adding	Clear	Edit	Delete
☐	1241353251241249	1241353251241249	一号通道	Off-line	2024-01-11 17:43:21	2024-01-11 08:48:35	Upload	Adding	Clear	Edit	Delete
☐	1241353251241248	1241353251241248	一号通道	Off-line	2024-01-11 17:43:21	2024-01-11 08:48:32	Upload	Adding	Clear	Edit	Delete
☐	1241353251241247	1241353251241247	一号通道	Off-line	2024-01-11 17:43:21	2024-01-11 08:48:29	Upload	Adding	Clear	Edit	Delete
☐	1241353251241246	1241353251241246	一号通道	Off-line	2024-01-11 17:43:21	2024-01-11 08:48:25	Upload	Adding	Clear	Edit	Delete
☐	1241353251241245	1241353251241245	一号通道	Off-line	2024-01-11 17:43:21	2024-01-11 08:48:22	Upload	Adding	Clear	Edit	Delete
☐	1241353251241244	1241353251241244	一号通道	Off-line	2024-01-11 17:43:21	2024-01-11 08:48:19	Upload	Adding	Clear	Edit	Delete
☐	1241353251241243	1241353251241243	一号通道	Off-line	2024-01-11 17:43:21	2024-01-11 08:48:16	Upload	Adding	Clear	Edit	Delete
☐	1241353251241241	1241353251241241	一号通道	Off-line	2024-01-11 17:43:21	2024-01-11 08:48:13	Upload	Adding	Clear	Edit	Delete

Alarm records

Data export

Upload Record: Used to view real-time data of passenger flow devices, click “Upload Record” to view.

HomeTerminalDisplay SettingsSet upENLog off

Channel

Device

Alarm records

Data export

Upload Records

Start date - Start date

Query

Device SN	In	Out	Return	Pass	Reporting time	Operation
1241353251241250	5	4	0	3	2024-01-11 17:43:21	UploadAddingClearEditDelete
1241353251241250	4	3	5	2	2024-01-11 17:43:20	UploadAddingClearEditDelete
1241353251241250	3	2	0	0	2024-01-11 17:43:19	UploadAddingClearEditDelete
1241353251241250	5	5	3	3	2024-01-11 17:43:18	UploadAddingClearEditDelete
1241353251241250	5	4	0	3	2024-01-11 17:43:17	UploadAddingClearEditDelete
1241353251241250	0	4	1	2	2024-01-11 17:43:16	UploadAddingClearEditDelete
1241353251241250	5	0	4	2	2024-01-11 17:43:15	UploadAddingClearEditDelete
1241353251241250	0	5	0	0	2024-01-11 17:43:14	UploadAddingClearEditDelete
1241353251241250	5	3	0	2	2024-01-11 17:43:13	UploadAddingClearEditDelete
1241353251241250	3	1	1	4	2024-01-11 17:43:12	UploadAddingClearEditDelete
Total 7168						Go to 1

Clear Record: Used to clear historical data uploaded by passenger flow devices. Click “Clear Record” to clear all the number of people uploaded by the current device.

Home

Terminal

Display Settings

Set up

EN

Log off

Channel

Device Name

Q Query

+ New addition

Delete

Clear

Scanning device

Device

	Device Name	Device SN	Channel name	State	Last online time	Binding time	Operation					
Alarm records	☐	1241353251241250	1241353251241250	一号通道	Off-line	2024-01-11 17:43:21	2024-01-11 08:48:39	Upload	Adding	Clear	Edit	Delete
Data export	☐	1241353251241249	1241353251241249	一号通道	Off-line	2024-01-11 17:43:21	2024-01-11 08:48:35	Upload	Adding	Clear	Edit	Delete
	☐	1241353251241248	1241353251241248	一号通道	Off-line	2024-01-11 17:43:21	2024-01-11 08:48:32	Upload	Adding	Clear	Edit	Delete
	☐	1241353251241247	1241353251241247	一号通道	Off-line	2024-01-11 17:43:21	2024-01-11 08:48:29	Upload	Adding	Clear	Edit	Delete
	☐	1241353251241246	1241353251241246	一号通道	Off-line	2024-01-11 17:43:21	2024-01-11 08:48:25	Upload	Adding	Clear	Edit	Delete
	☐	1241353251241245	1241353251241245	一号通道	Off-line	2024-01-11 17:43:21	2024-01-11 08:48:22	Upload	Adding	Clear	Edit	Delete
	☐	1241353251241244	1241353251241244	一号通道	Off-line	2024-01-11 17:43:21	2024-01-11 08:48:19	Upload	Adding	Clear	Edit	Delete
	☐	1241353251241243	1241353251241243	一号通道	Off-line	2024-01-11 17:43:21	2024-01-11 08:48:16	Upload	Adding	Clear	Edit	Delete
	☐	1241353251241241	1241353251241241	一号通道	Off-line	2024-01-11 17:43:21	2024-01-11 08:48:13	Upload	Adding	Clear	Edit	Delete

4.3 Alarm Records

The system saves alert records based on the alert threshold set by the user in the display settings (see section 5.7 below for how to set it). Users can query and export the records based on time, and the system will also push alert record emails to the corresponding personnel (see section 6.4 below for email recipient settings)

HomeTerminalDisplay SettingsSet upENLog off

Channel

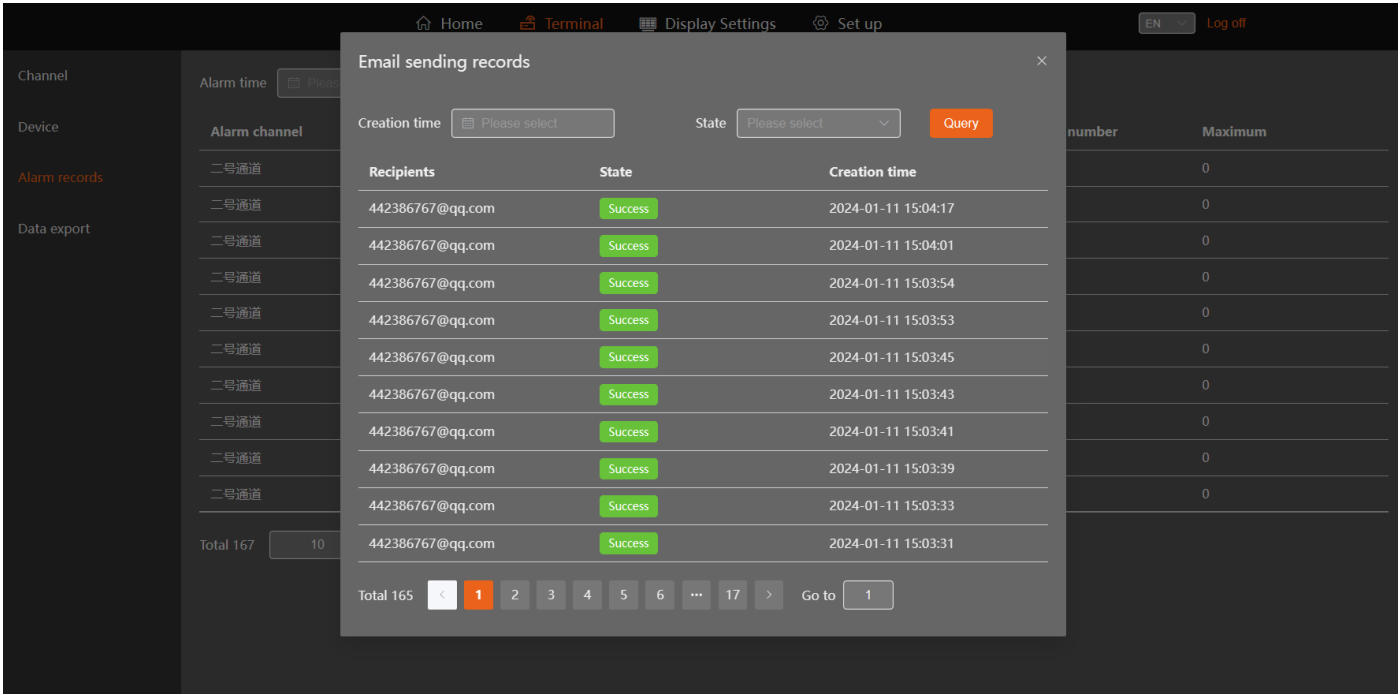
Alarm timePlease selectQueryexportEmail sending records

Device

	Alarm channel	Alarm time	Alarm type	Warning threshold	Real time number	Maximum
Alarm records	二号通道	2024-01-11 15:04:17	今日实时人数(定员预警)	0	0	0
Data export	二号通道	2024-01-11 15:04:00	今日实时人数(定员预警)	1	61	0
	二号通道	2024-01-11 15:03:52	今日实时人数(定员预警)	1	65	0
	二号通道	2024-01-11 15:03:48	今日实时人数(定员预警)	1	69	0
	二号通道	2024-01-11 15:03:45	今日实时人数(定员预警)	1	73	0
	二号通道	2024-01-11 15:03:43	今日实时人数(定员预警)	1	78	0
	二号通道	2024-01-11 15:03:41	今日实时人数(定员预警)	1	79	0
	二号通道	2024-01-11 15:03:35	今日实时人数(定员预警)	1	90	0
	二号通道	2024-01-11 15:03:33	今日实时人数(定员预警)	1	95	0
	二号通道	2024-01-11 15:03:31	今日实时人数(定员预警)	1	93	0

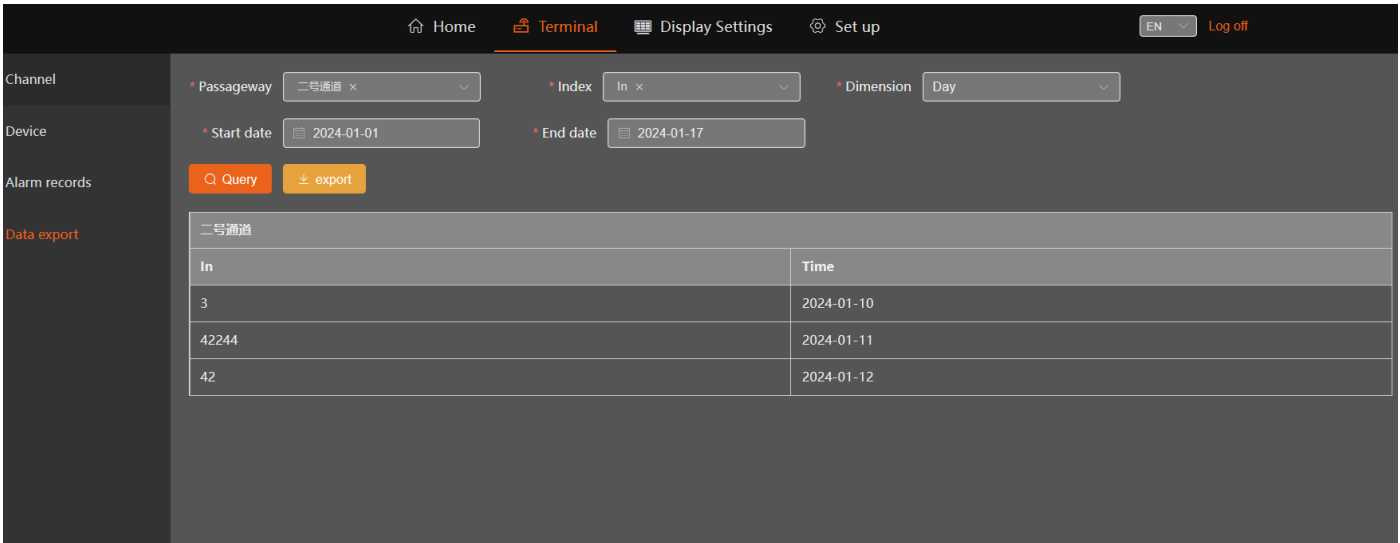
Total 16710123456...17Go to1

Click on “Email Sending Record” to view the corresponding record data



4.4 Data Export

Users can customize the export by time based on the type of data they want to analyze. Select “Channel”, “Indicator”, “Dimension”, “Time” for data export, and click the “Export” button

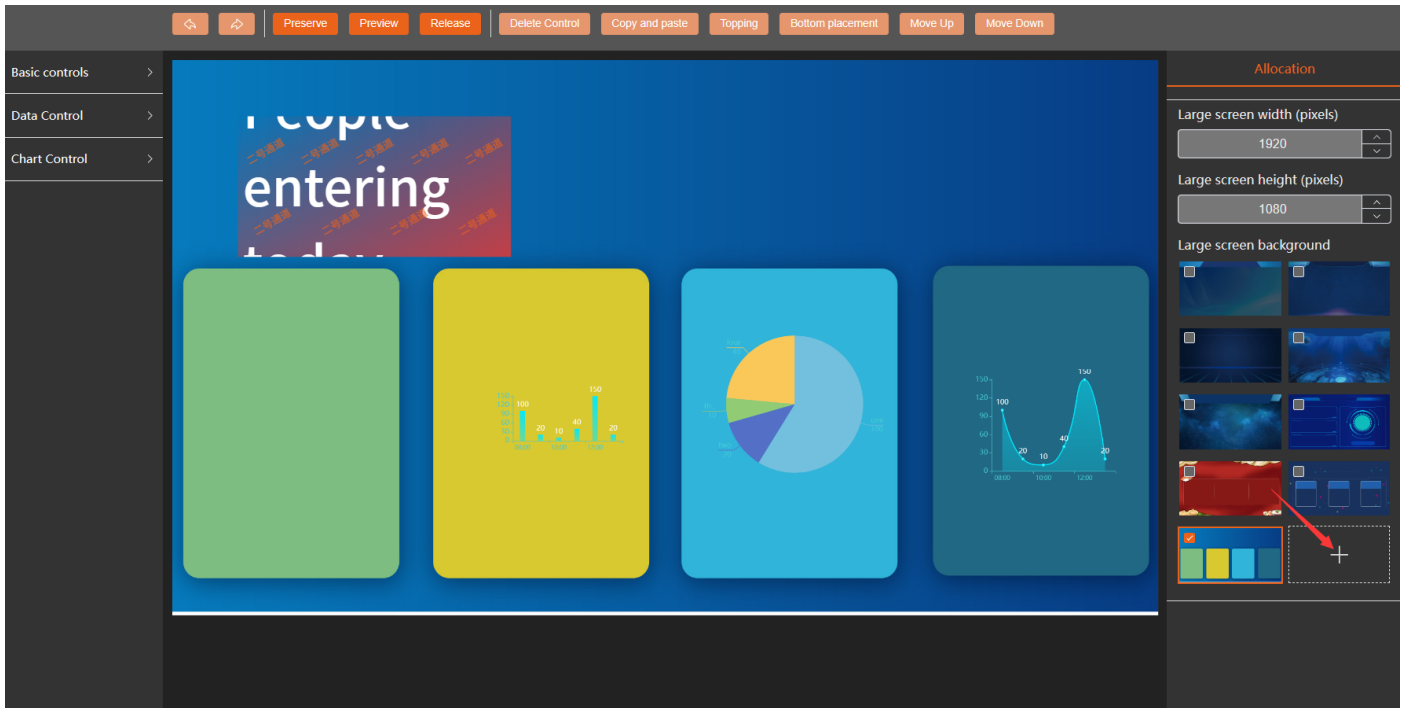


Chapter 5 Display Settings

Display settings, used to display data configuration for large screens, can customize real-time data, charts, voice, alarms, images, videos, dates, etc. according to the user’s own needs.

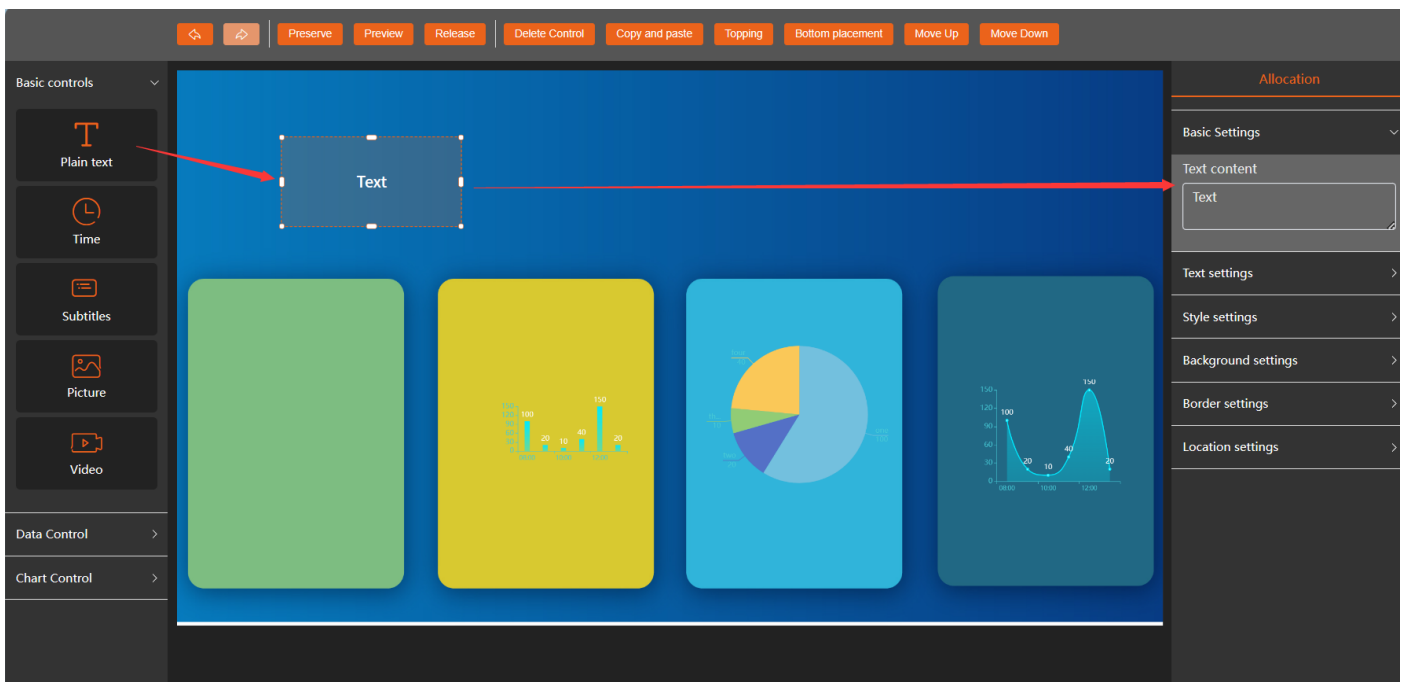
5.1 Adding a large screen background

As shown in the figure, click the “+” button on the right side of the display management, select the image background, and upload it.



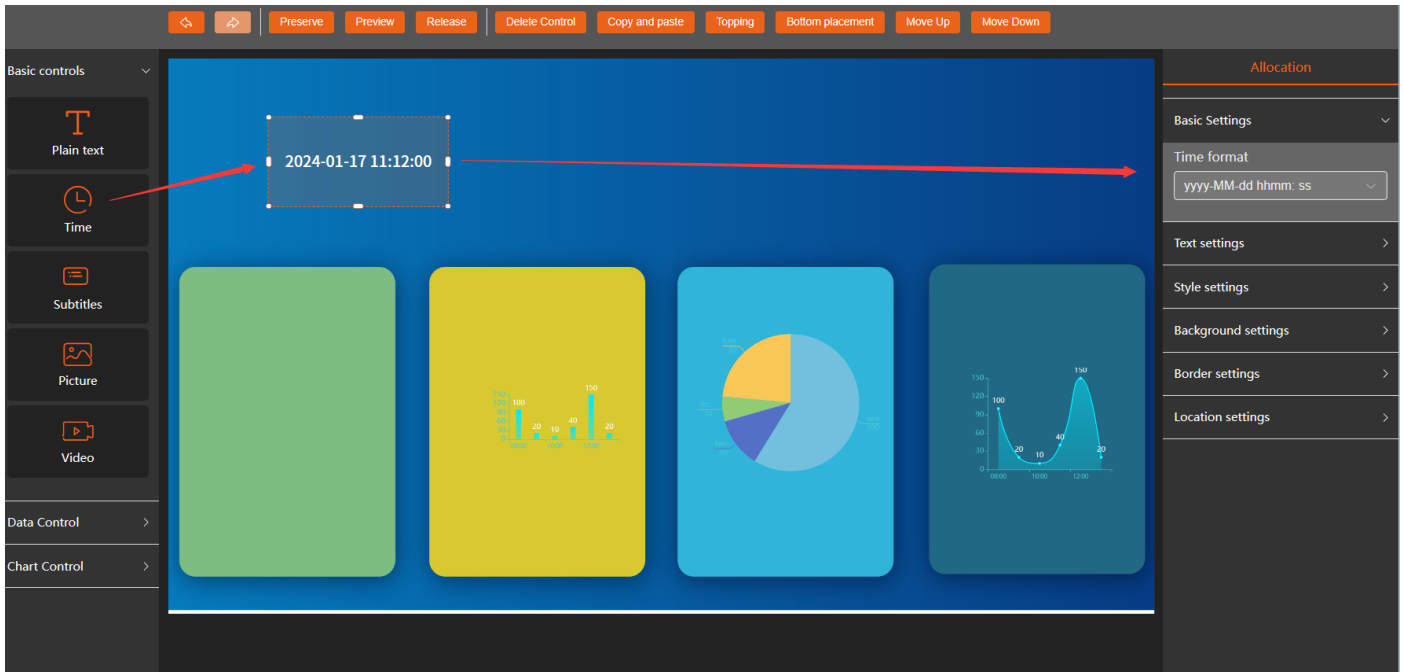
5.2 Adding Titles/Text

As shown in the figure, drag the left text to the large screen area, and the right text content "input text". Configure the style color to save the preview effect.



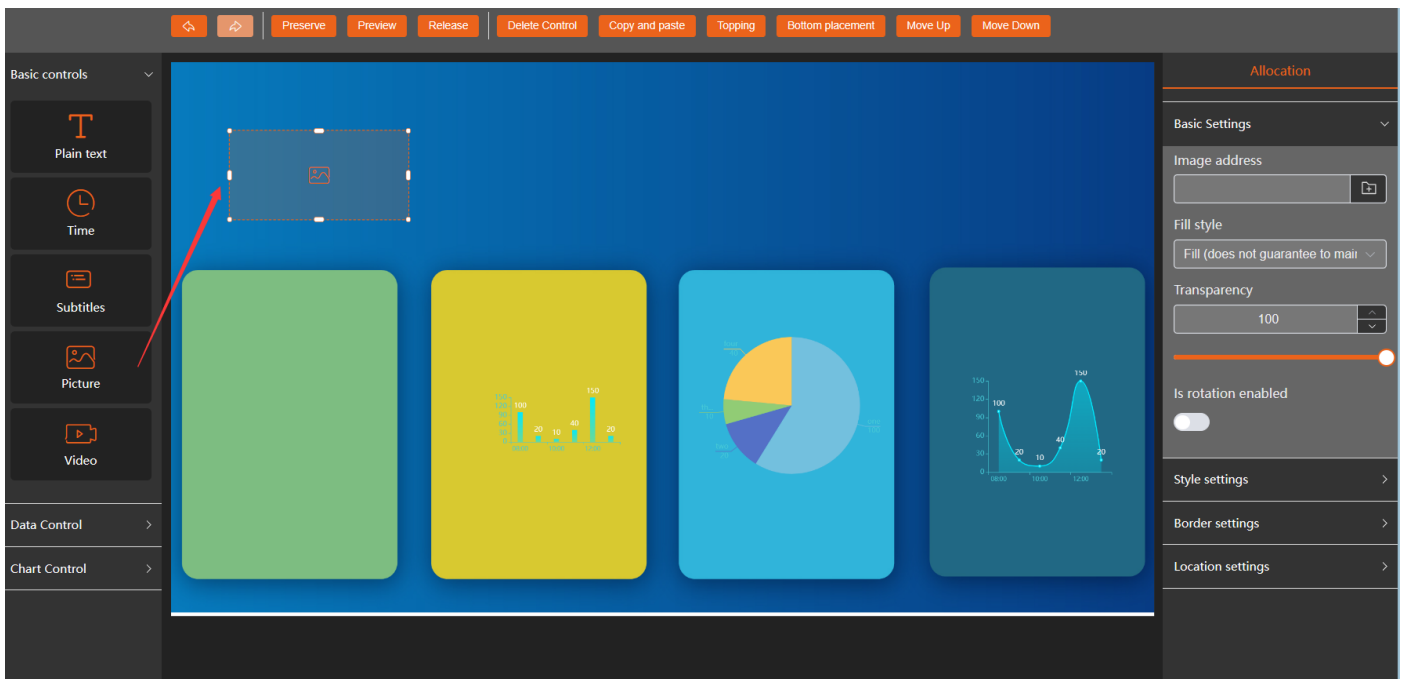
5.3 Add System Date

As shown in the figure, drag the date on the left to the large screen area on the right, and place the configured font size and color in the appropriate position to save the preview effect.

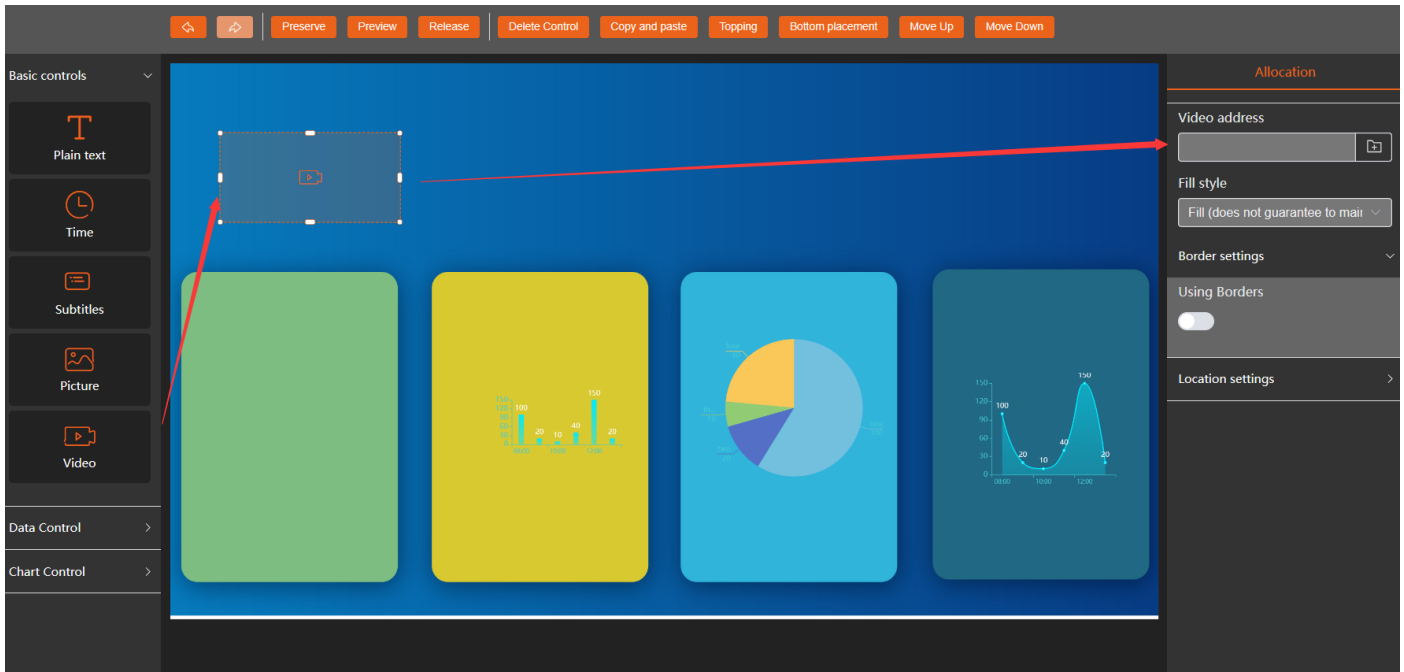


5.4 Adding photos/videos

As shown in the figure, drag the image on the left to the large screen area on the right, and select "Image Address" on the right to upload the image and save the preview.

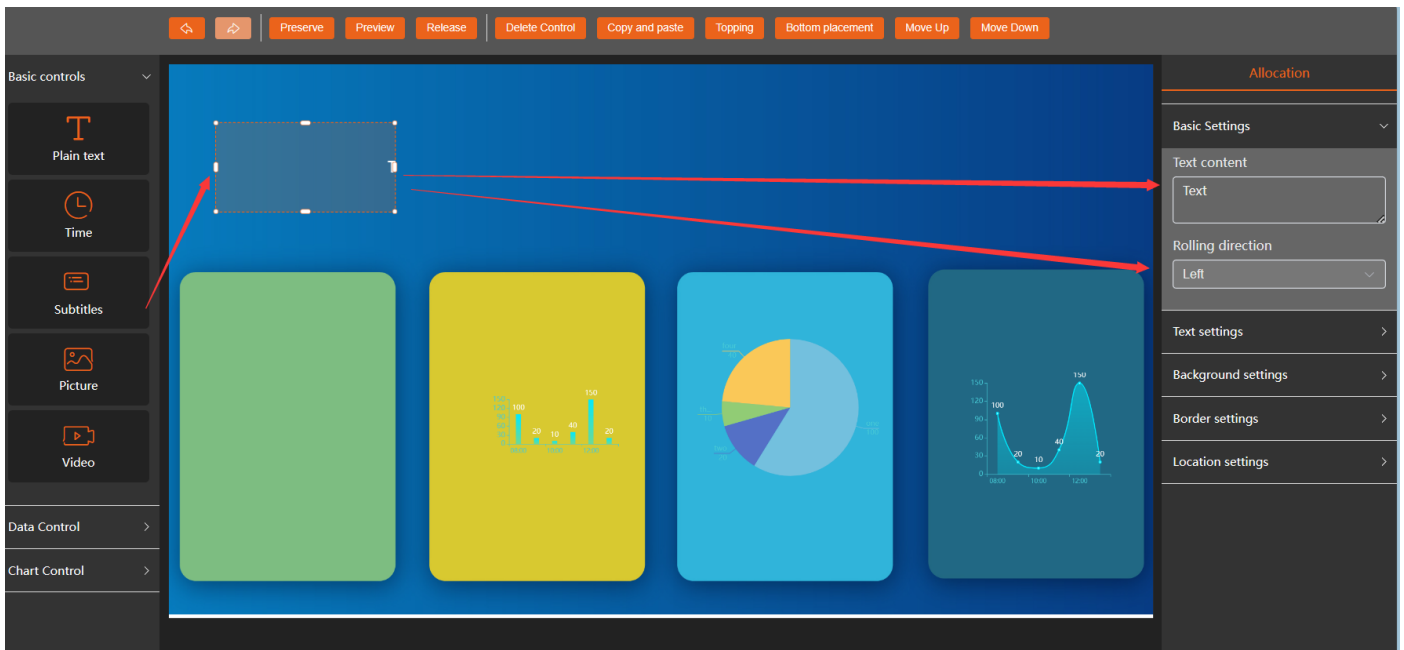


As shown in the figure, drag the video on the left to the large screen area on the right, and select "Video Address" on the right to upload the video and save the preview.



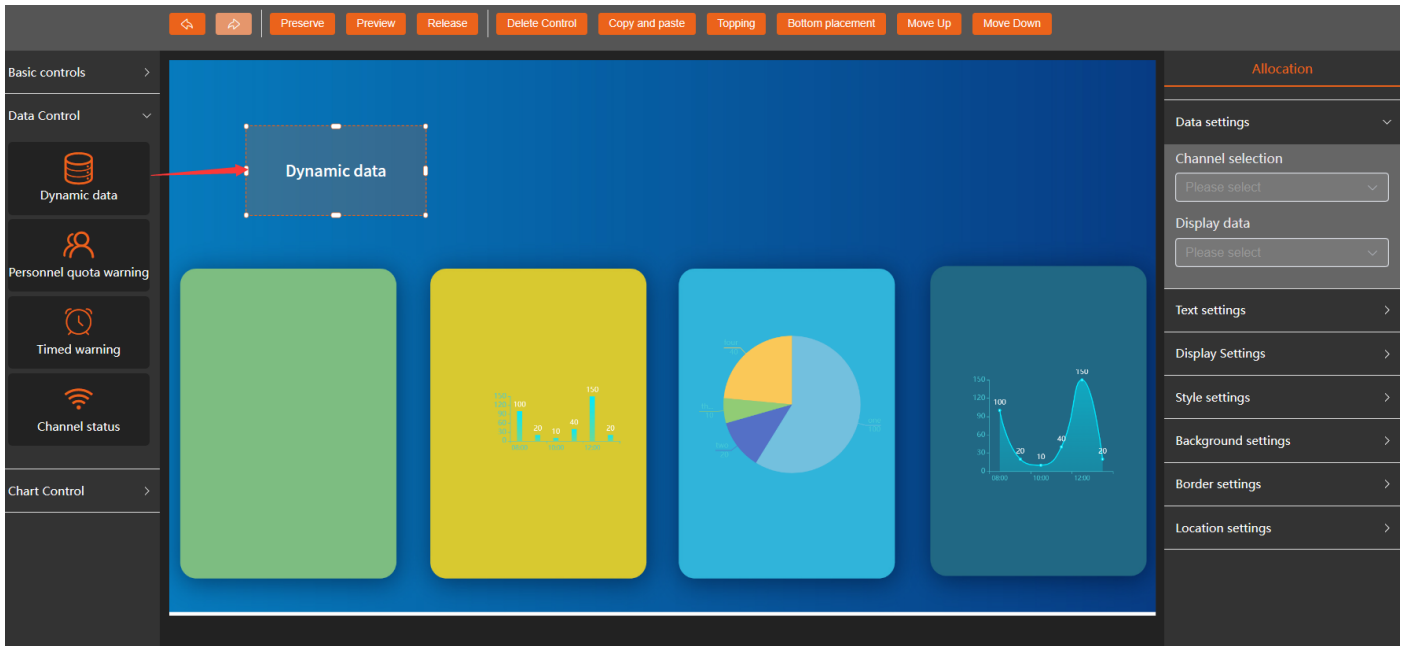
5.5 Adding Subtitles

As shown in the figure, drag the left subtitle to the large screen area on the right, and configure the subtitle content and scrolling direction on the right to save the preview effect.

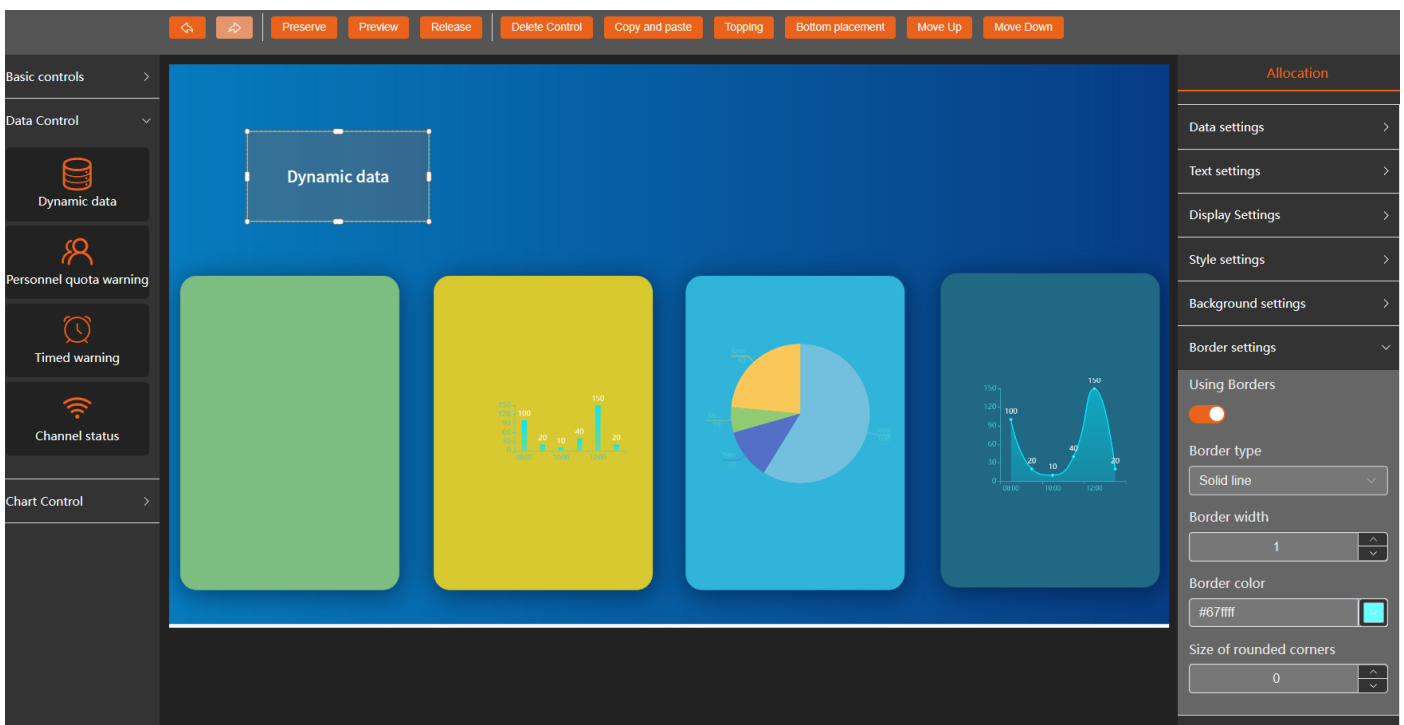


5.6 Add real-time data

Drag the "dynamic data" on the left side to the large screen area on the right as shown in the figure.



In the "Configuration" style, you can choose background color, rounded corners, font size, etc.

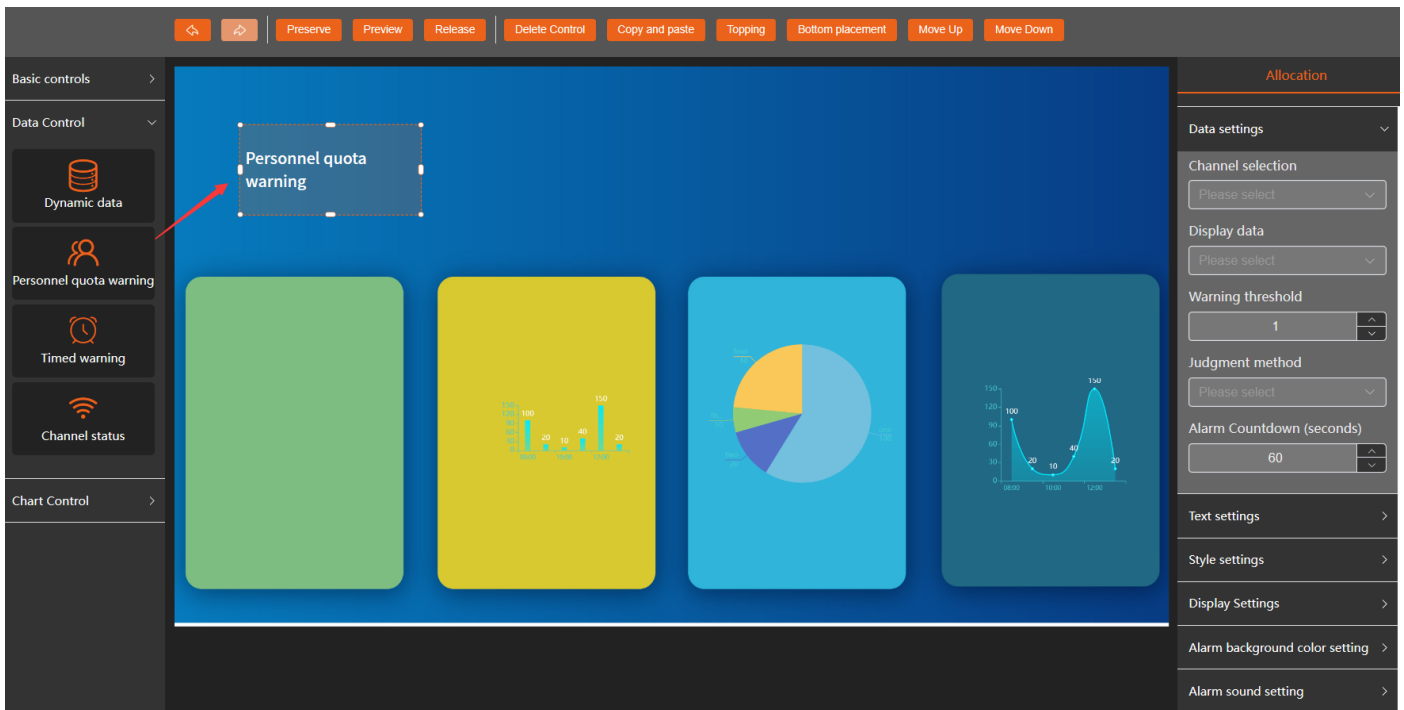


Select "Data Settings", select the configuration channel and display data type to save the preview effect.

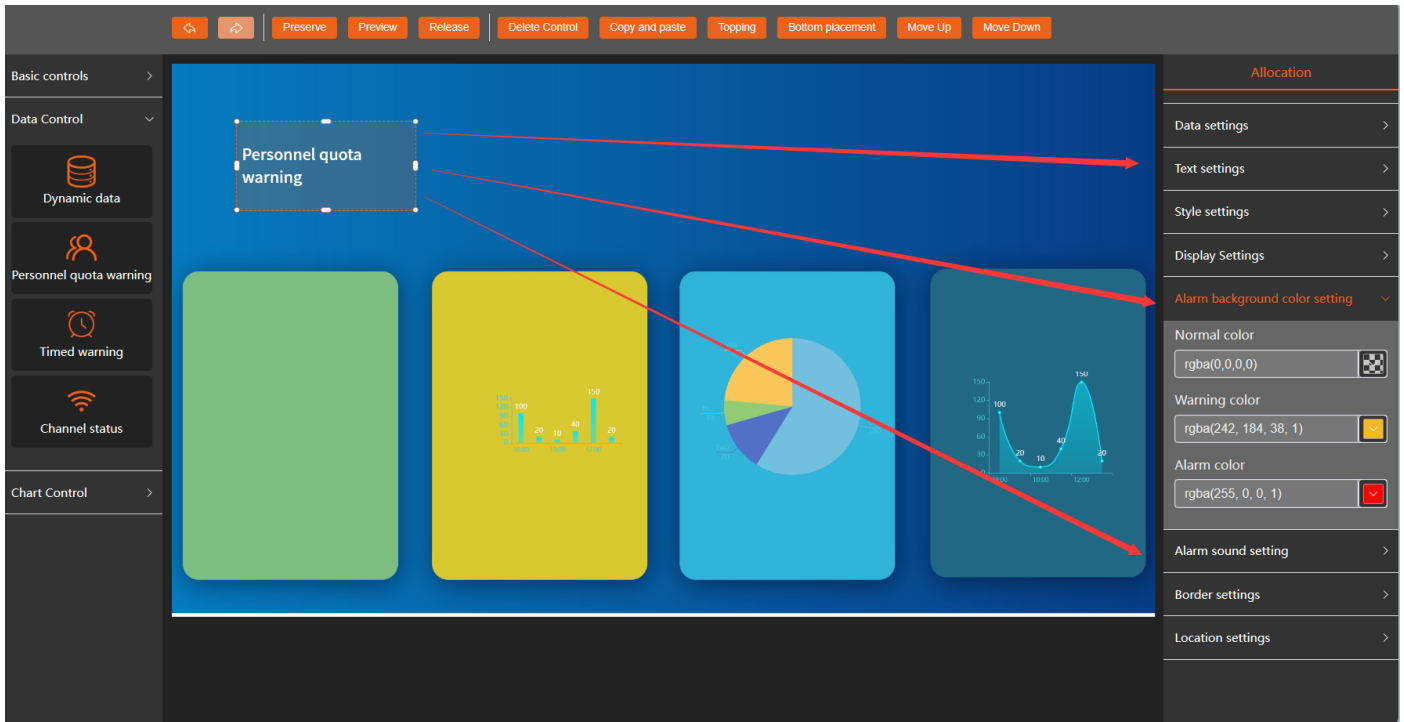


5.7 Add staff quota warning

As shown in the figure, drag the “Fixed Personnel Warning” on the left to the large screen area on the right

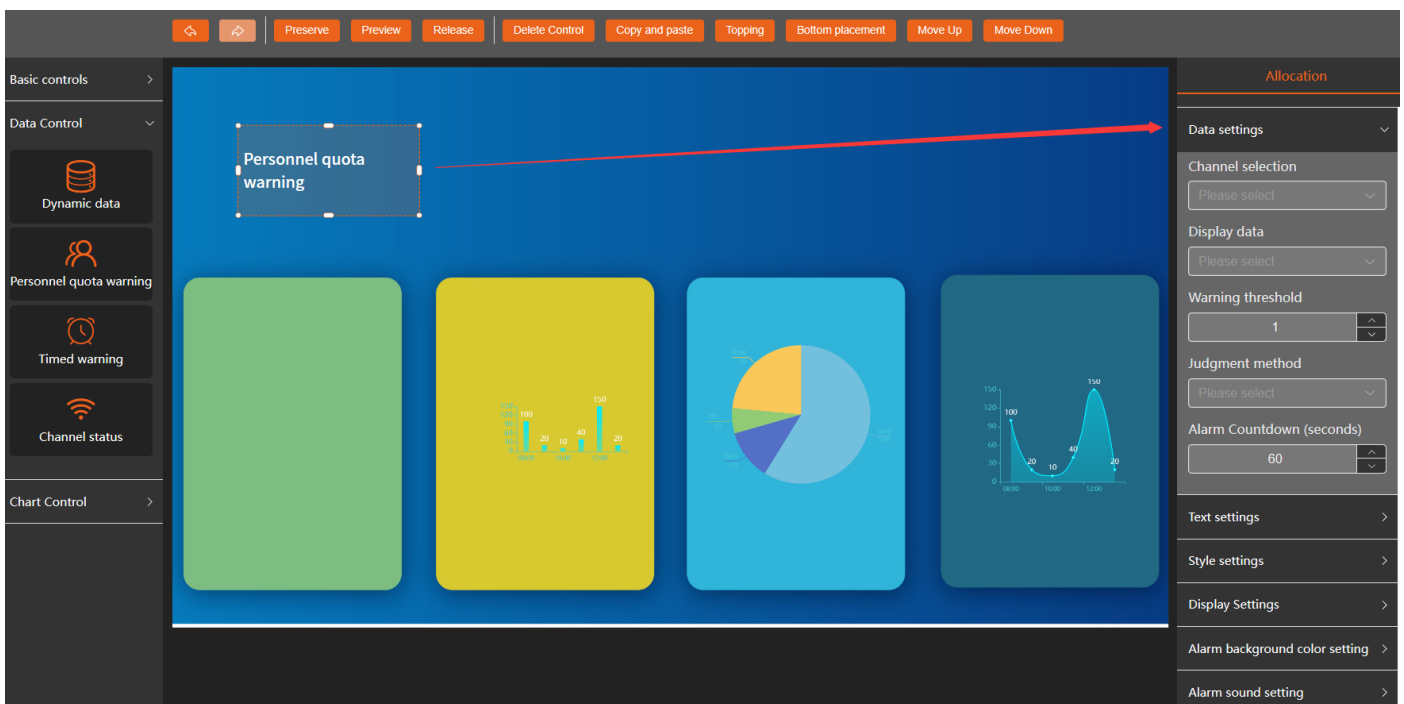


Select “Configuration” to select font size, alarm background color, alarm music, etc



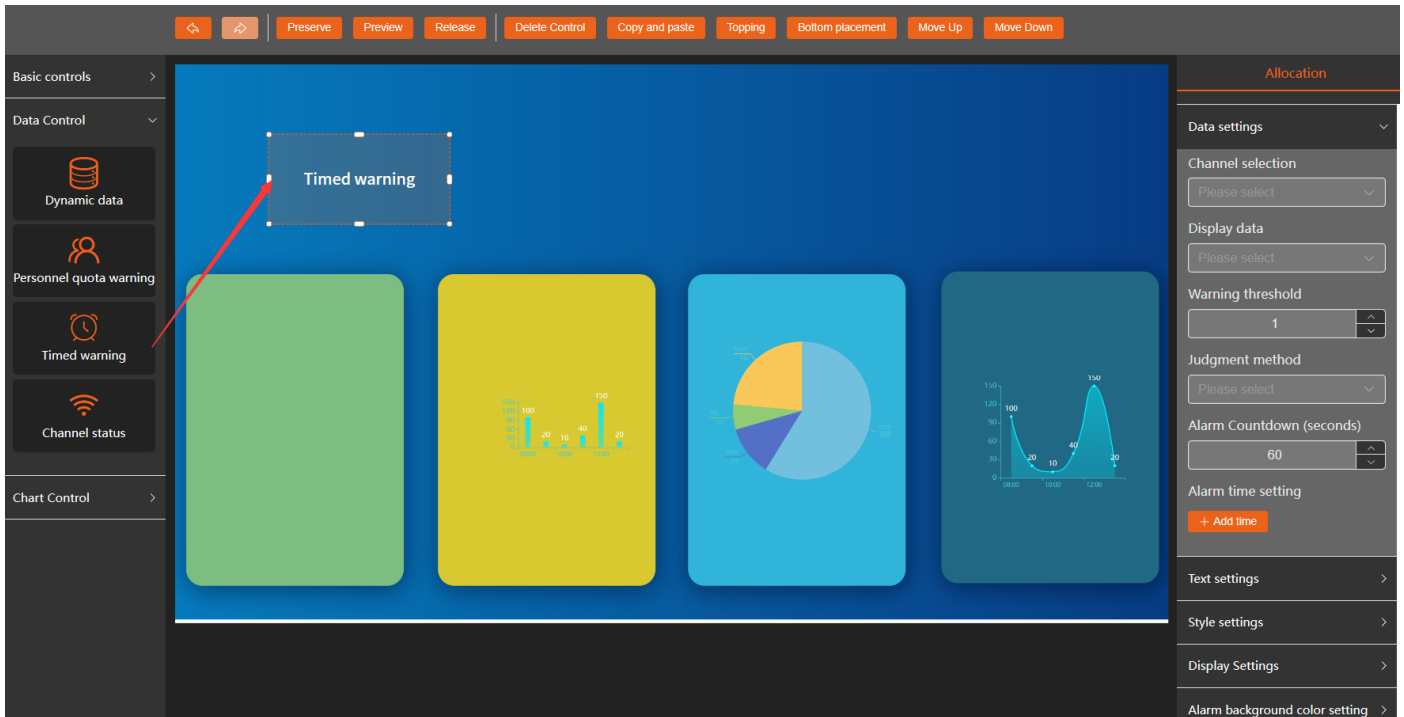
Select "Data Settings", select the configuration channel, display data type, judgment method, warning threshold, and alarm countdown to save the preview.

Note: Use remote control for abnormal alarm (short press W button to clear current alarm, double press Y button to clear all data)

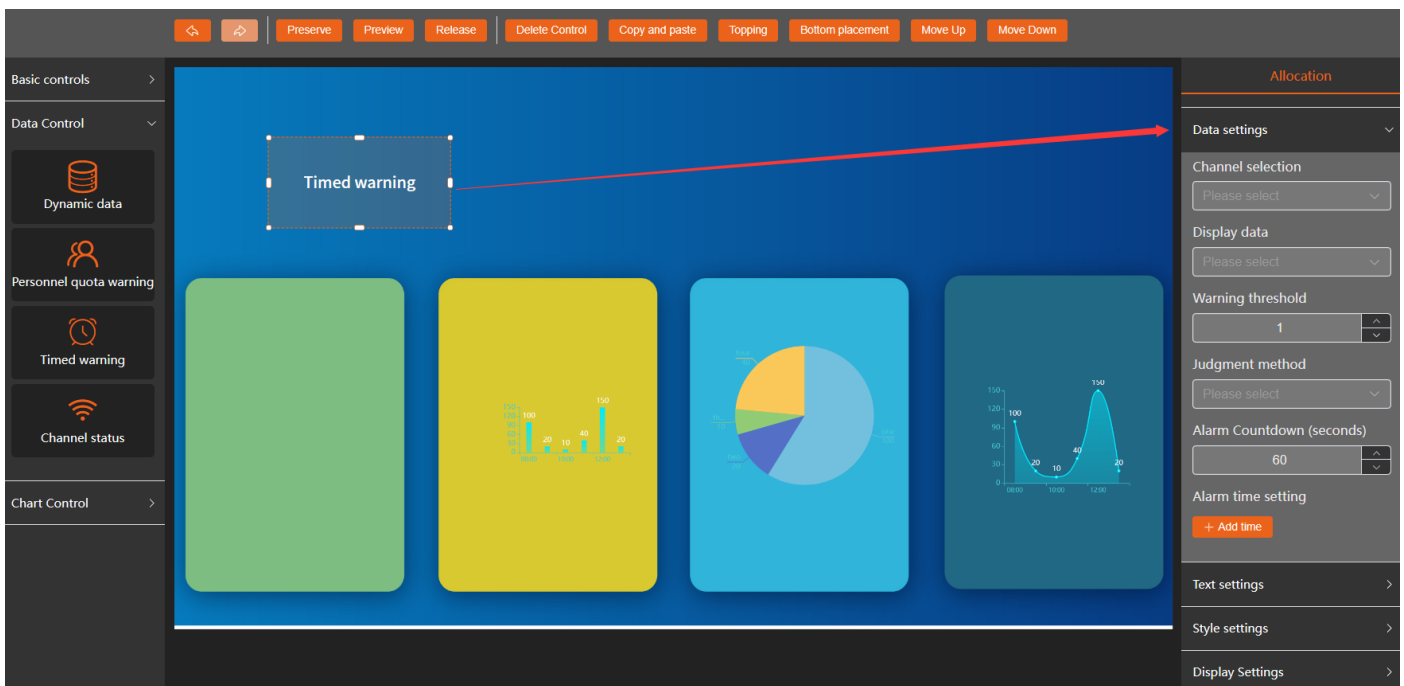


5.8 Adding timed alerts

Drag the "timed warning" on the left side to the large screen area on the right as shown in the figure

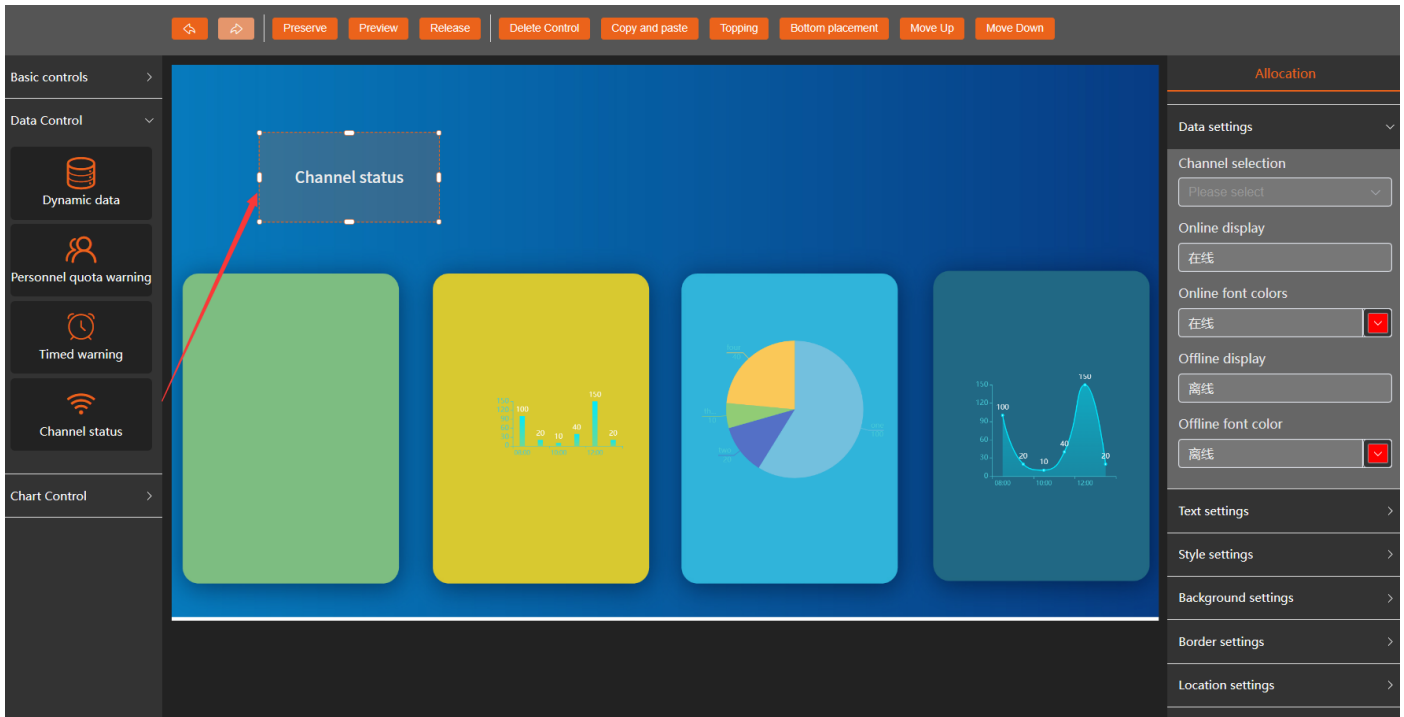


Select “Data Settings”, select the configuration channel, display data type, judgment method, warning threshold, alarm countdown, and alarm time settings to save the preview.

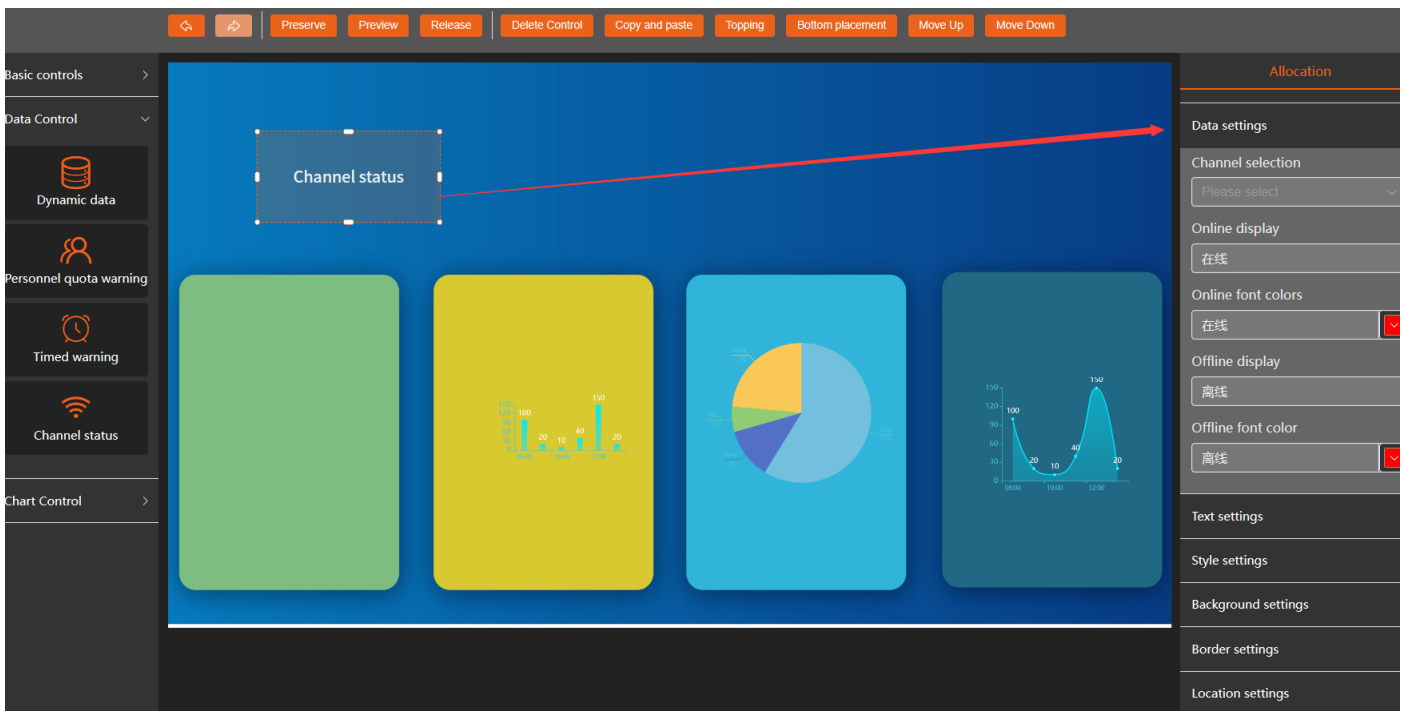


5.9 Adding Channel Status

Drag the “timed warning” on the left side to the large screen area on the right as shown in the figure

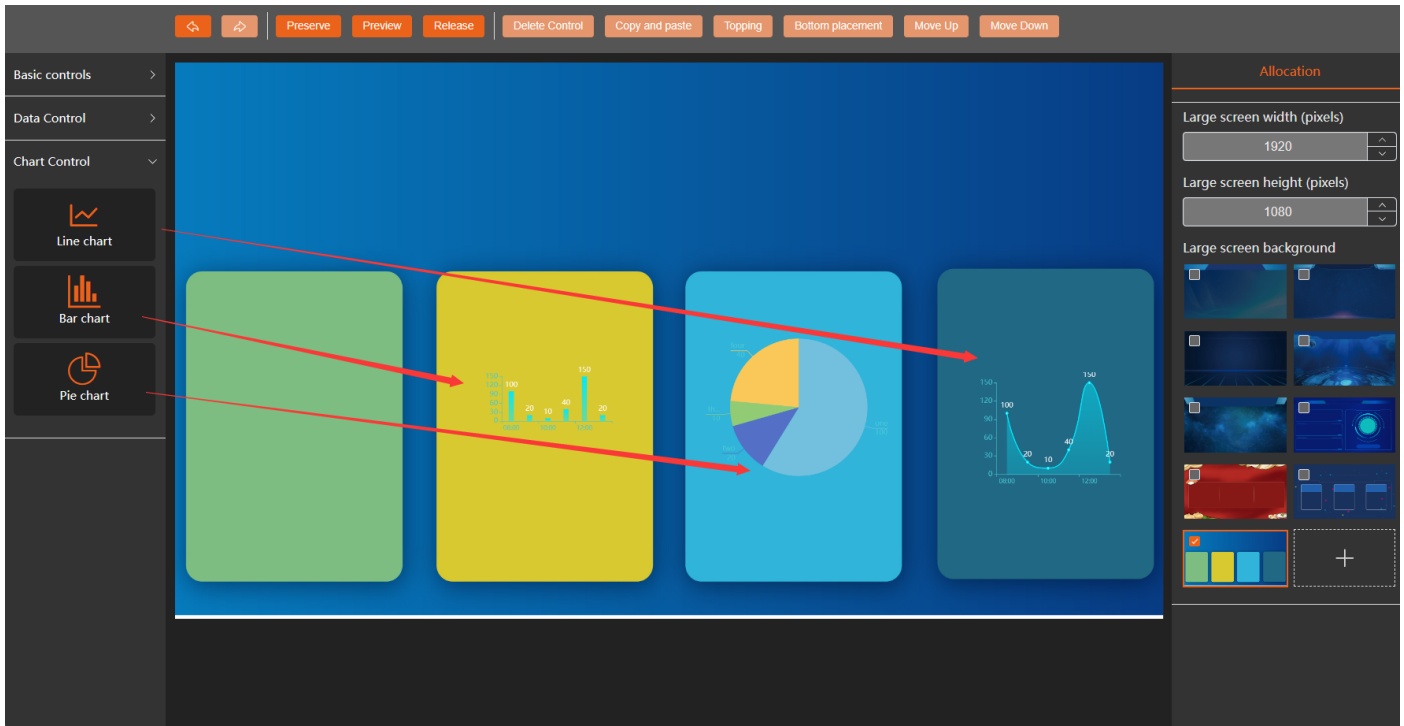


Select "Data Settings", select "Configuration Channel", "Online Display", "Online Font Color", "Offline Display", and "Offline Font Color" to save the preview.

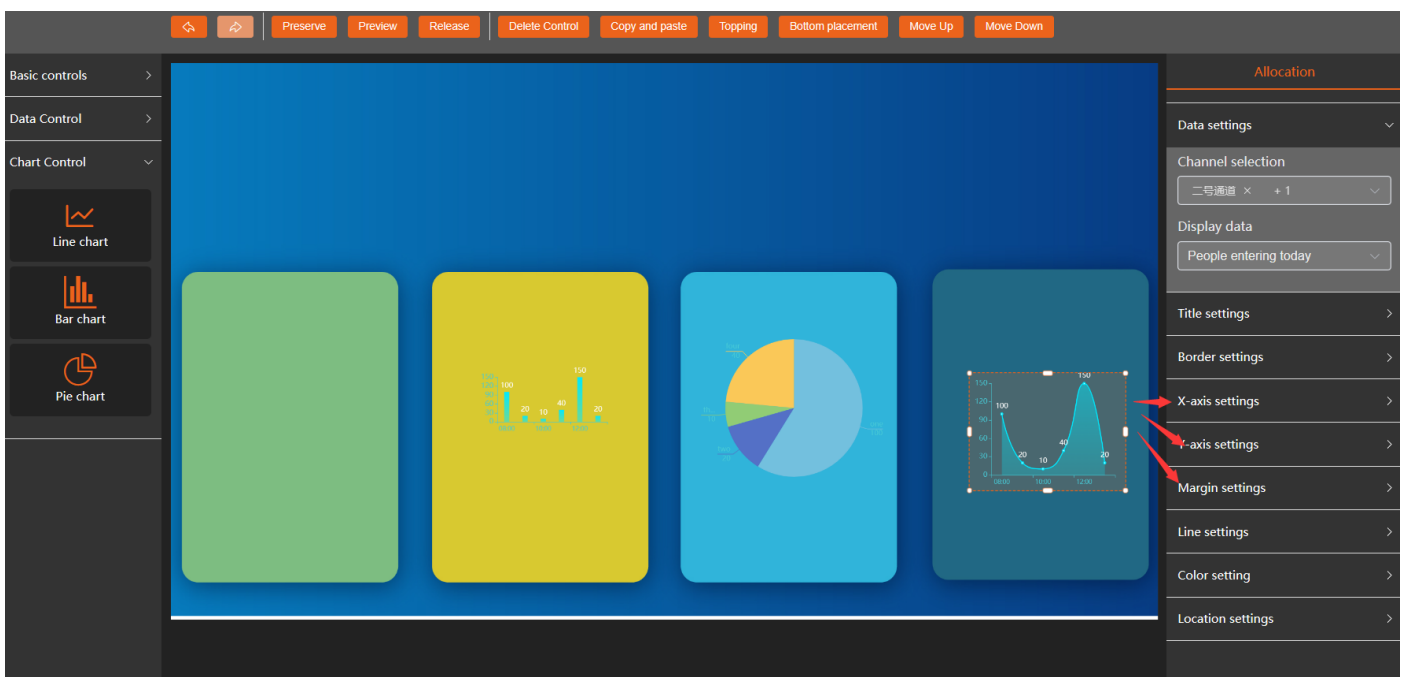


5.10 Adding statistical icons

Drag the line/bar/pie chart on the left side as shown in the figure to the large screen area on the right.

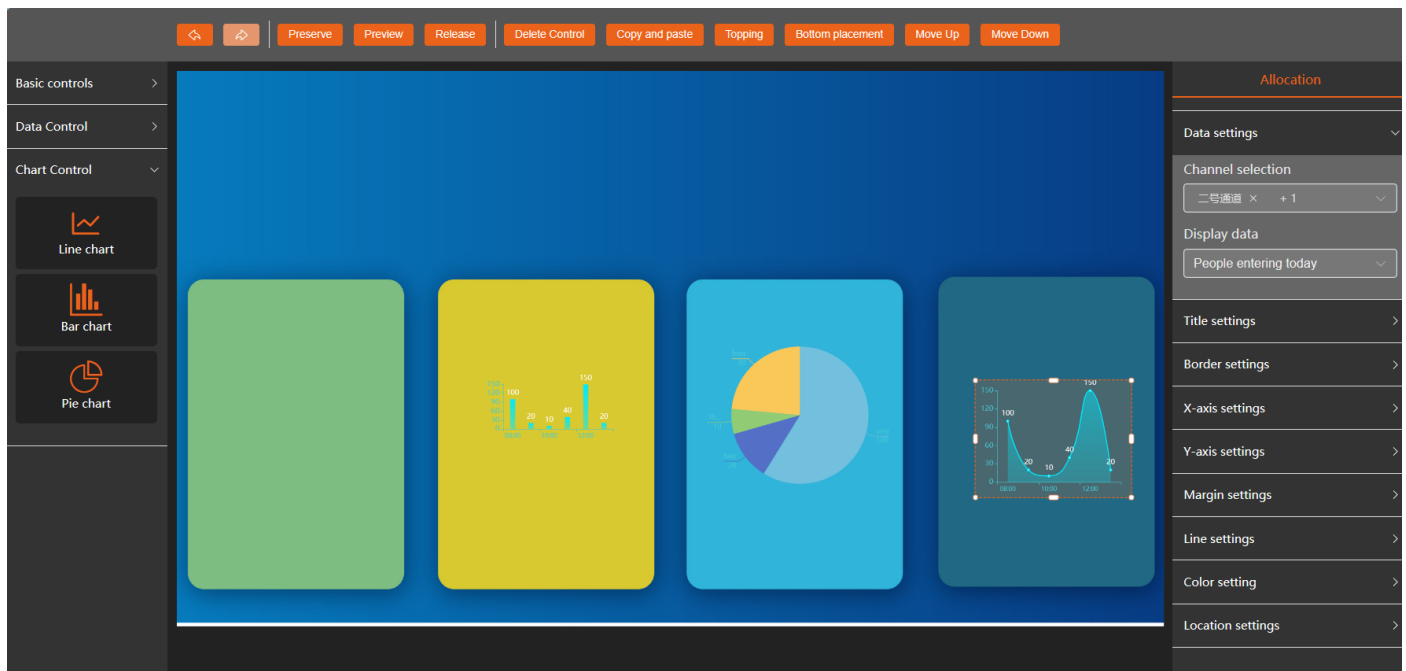


Select title settings, X-axis settings, Y-axis settings, color settings, etc. on the right side to save the preview effect.



Select "Data Settings" on the right side, configure channels, and display data types to save the preview.

Note: After the above large screen display effect settings are completed, click the publish button to output to the large screen.



Chapter 6 System Settings

6.1 Equipment Information

View detailed information of the quota warning host in the settings section<Basic Information>.

Home Terminal Display Settings Set up	
EN Log off	
Basic information	Device information
Time setting	
Email settings	Device Name HX-GATEWAY
Change password	Serial number HX0122100873009
Network Settings	Hardware version numberHX-TW-01
System settings	Software version number 1.0.4
Log	LAN MAC address 0c:ef:25:44:c4:f4

6.2 Time Setting

In the settings<Time Setting>, it is used to remotely control the operating hours of passenger flow equipment. Some foreign users need to choose a time zone, while domestic users use the system's default time zone (no need to choose)

HomeTerminalDisplay SettingsSet upENLog off

Basic informationTime settingEmail settingsChange passwordNetwork SettingsSystem settingsLog

Time service

Used to synchronize the system time of the device with the network time, ensuring the accuracy of the system time.

Sending Settings

Local time zoneAsia/Qatar(+03, +0300)

Preserve

Current time

Current time2024/01/1711:27(The current time is the current browser time.)

Set to current time

Setting time is to set the current time to the host's current time (system time).

Business hours

* Business00:00:00 ~ 21:59:59 hours

Preserve

6.3 Email Settings

In the settings<Email Service Settings>, set the recipient email for alarm records

HomeTerminalDisplay SettingsSet upENLog off

Basic informationTime settingEmail settingsChange passwordNetwork SettingsSystem settingsLog

Alarm email settings

* Enable email alerts

Sending Settings

* Sending methodReal time sendingTimed transmission

* Retransmission interval(s)5

Sender settings

* SMTP serversmtp.qjye.aliyun.com

* SMTP server port465

* SMTP usersinfo@foorir.cn

PasswordmOkIDaobXF8Dpa5b

Test acceptance emailPlease enterSending

Recipient settings

* Recipient email442386767@qq.com

Preserve

6.4 Changing Passwords

Set<Change Password>Change the user's login password to the system.

HomeTerminalDisplay SettingsSet up

ENLog off

Basic information

Time setting

Email settings

Change password

Network Settings

System settings

Log

Change password

Frequently changing the password for logging into the web configuration interface can prevent unauthorized users from modifying the relevant parameters of the web configuration interface.

* Current password

* New password

* Confirm password

Preserve

6.5 Network Settings

If the host needs to be connected to a router (internet connection) for use, configure this operation. If not, skip this operation step. Log in to the system, click “Settings – Network Settings”, and switch the button to dynamic IP to restart the device.

HomeTerminalDisplay SettingsSet up

ENLog off

Basic information

Time setting

Email settings

Change password

Network Settings

System settings

Log

Network Settings

Mode ☒ Dynamic IP ☐ Static IP ☐ Router mode

Preserve

Enable WIFI ☐

Users can select a static IP according to their needs, enter the IP and gateway, click save, and restart the device.

HomeTerminalDisplay SettingsSet upENLog off

Basic informationTime settingEmail settingsChange passwordNetwork SettingsSystem settingsLog

Network Settings

Mode

Dynamic IP

Static IP

Router mode

IP

IP24

Gateway

Gateway

DNS

114.114.114.114

8.8.8.8

+ DNS

Preserve

Enable WIFI

Users can select router mode according to their needs, click save, and restart the device

HomeTerminalDisplay SettingsSet upENLog off

Basic informationTime settingEmail settingsChange passwordNetwork SettingsSystem settingsLog

Network Settings

Mode

Dynamic IP

Static IP

Router mode

Preserve

Enable WIFI

Some customized users need to use the WIFI enable function, enable WIFI, select WIFI, enter password, select WIFI mode, static IP requires entering IP and gateway, click save.

Home

Terminal

Display Settings

Set up

EN

Log off

Basic information

Time setting

Email settings

Change password

Network Settings

System settings

Log

Network Settings

Mode

☒ Dynamic IP
 ☐ Static IP
 ☐ Router mode

Preserve

Enable WIFI

☒

WIFI-IP

-

WIFI

Please select

Password

Please enter

Preserve

WIFIMode

☐ Dynamic IP
 ☒ Static IP

IP

IP

24

Gateway

Gateway

DNS

+ DNS

Preserve

6.6 System Settings

The<System Settings>settings are used to adjust the volume settings of the large screen, firmware upgrades, remote control system restarts, backup path settings, and restore backup settings.

Home

Terminal

Display Settings

Set up

EN

Log off

Basic information

Time setting

Email settings

Change password

Network Settings

System settings

Log

System settings

Volume Setting

-50

-10

+10

+50

Firmware update

Please upload the upgrade file first

Click to select file

Upgrading may result in data loss.

Upgrade now

Restart

Restart Now

Backups

Backup Path

/home/ztl/main_s/backup

Backing up takes time! Please be patient!

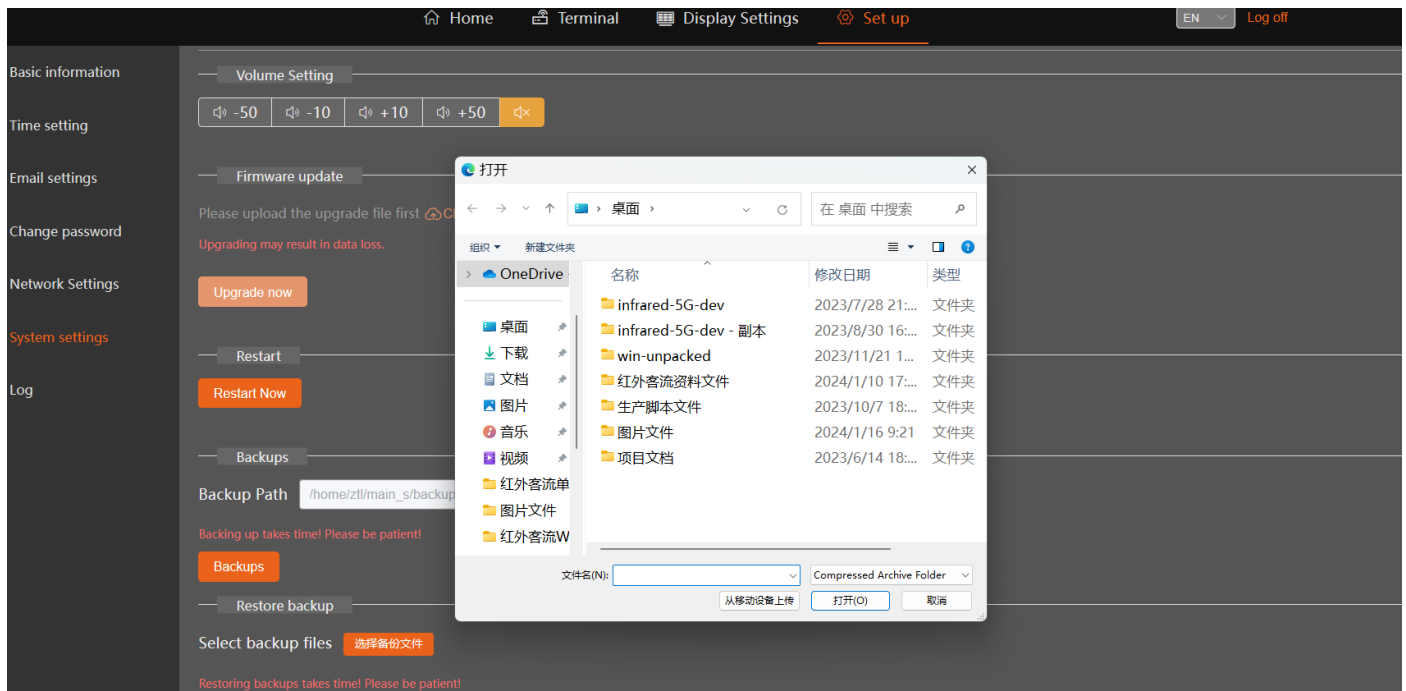
Backups

Restore backup

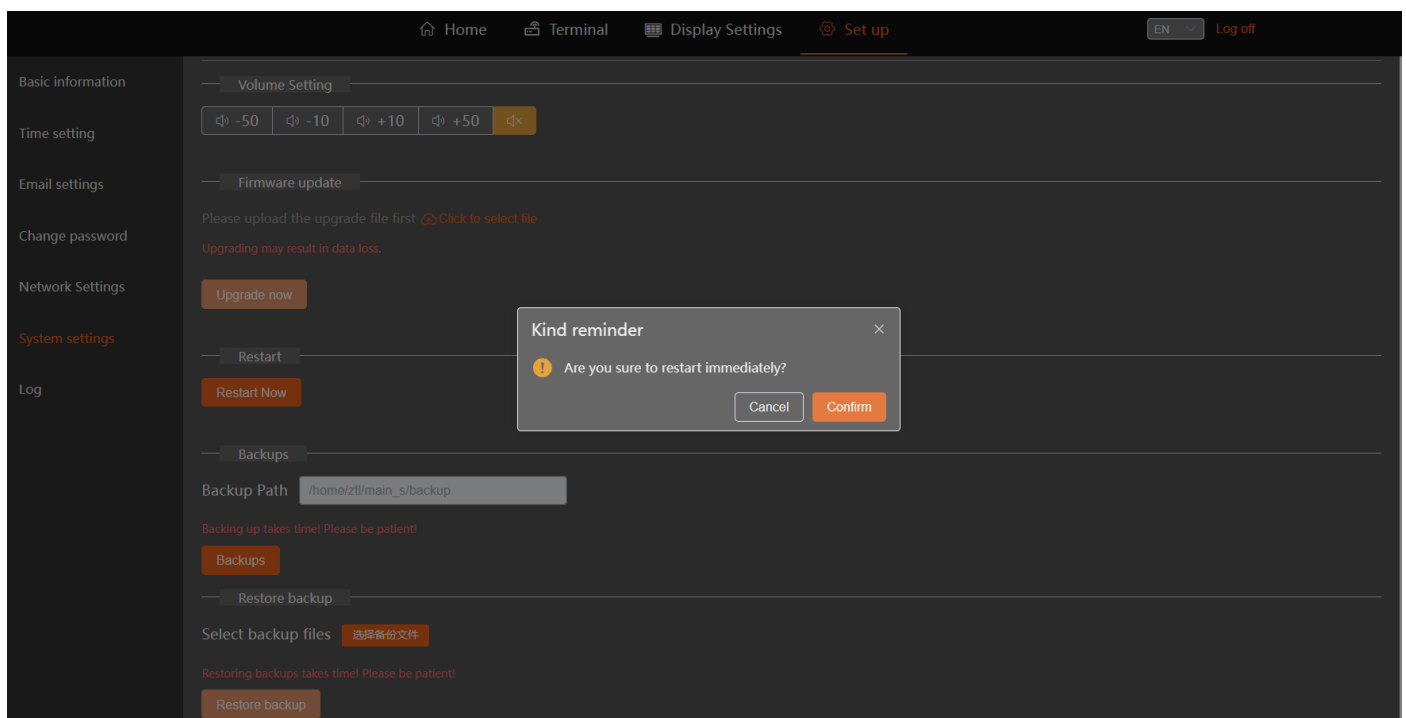
Select backup files

选择备份文件

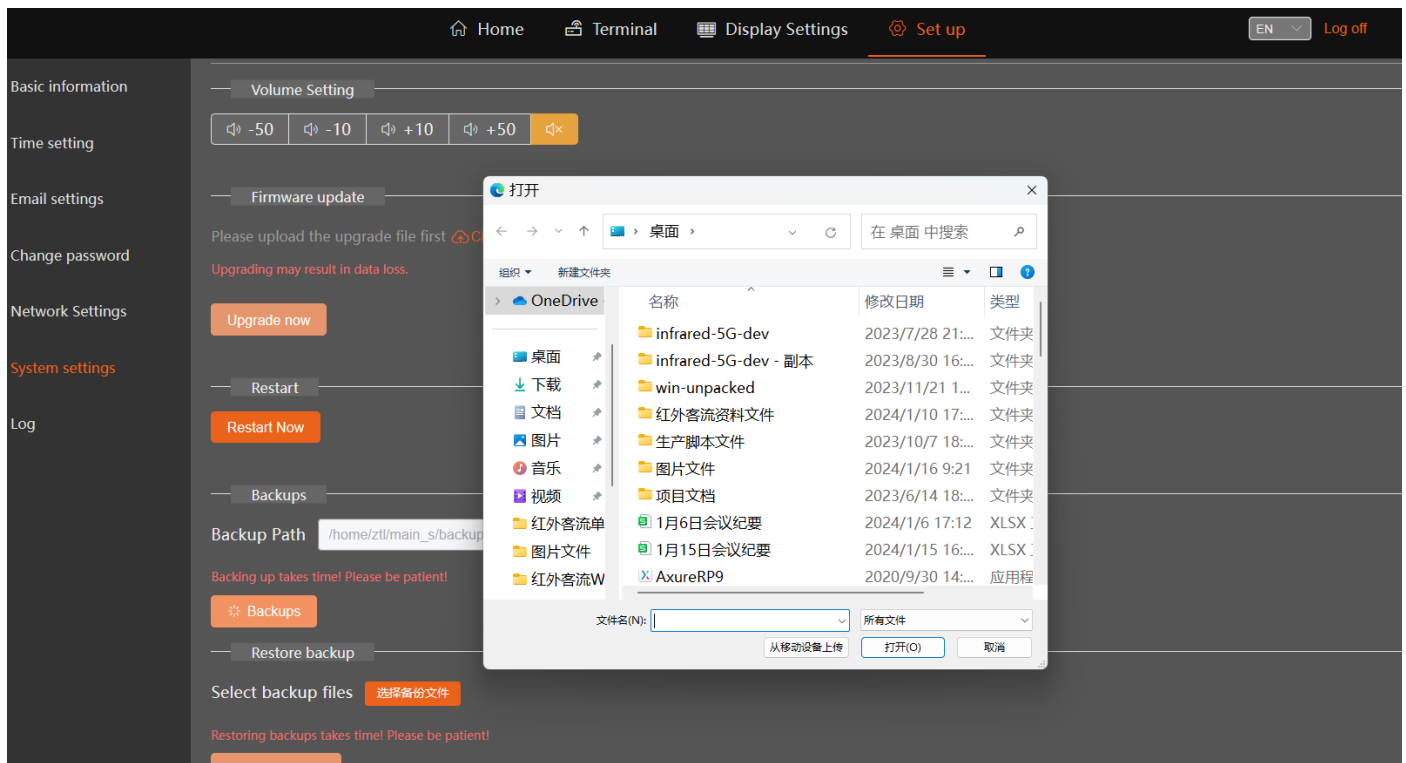
The host supports remote firmware upgrade. Click “Firmware Upgrade” and upload the compressed package provided by the technical personnel to upgrade.



The host supports one click remote restart of the system. Click the "Restart" button to restart the host with one click.

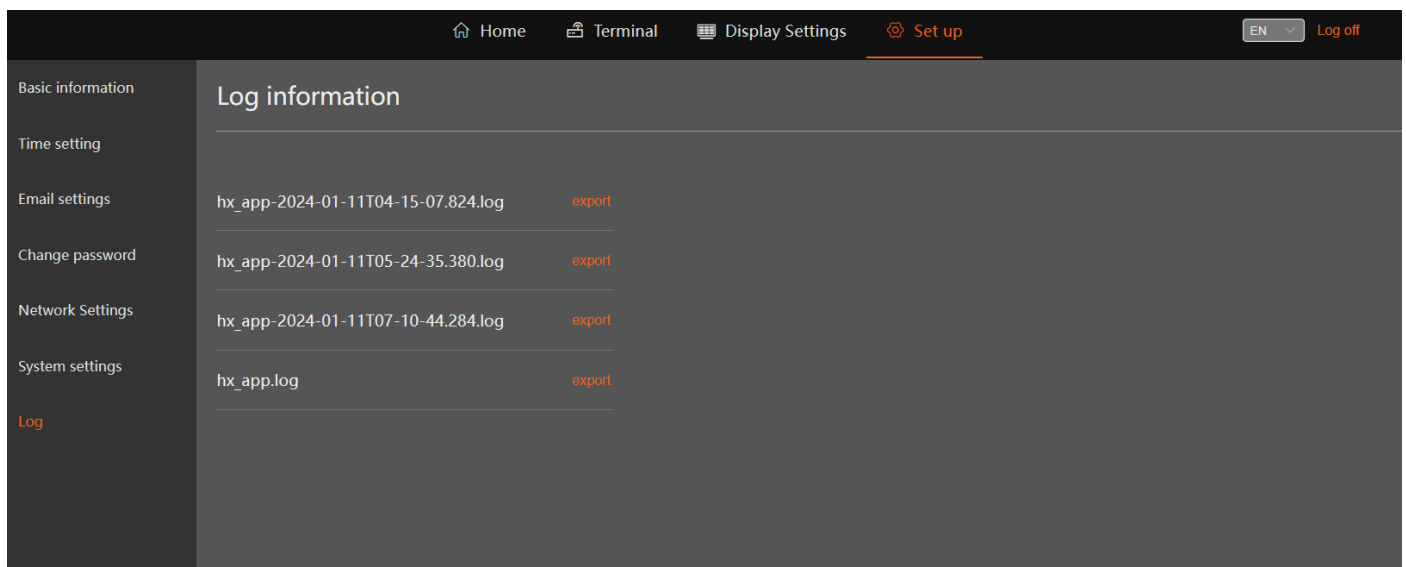


Select the backup file, upload the backup data, and click "Confirm Recovery" to complete the backup recovery



6.7 Log Information

Set up<log information>log recording, technical support for problem-solving, and facilitate assistance in resolving issues.



Chapter 7 Frequently Asked Questions

What should I do if I cannot log in to the web page of the host?

- 1) Please refer to the “Hardware Connection” section of the paper version of the Quick Installation Guide to ensure that the physical connection of the host is correct and the indicator lights are displayed properly.
- 2) Please confirm whether the host IP method is static IP address or dynamic IP address.

- 3) Please ensure that the login domain name or IP address you entered is correct, and then enter the corresponding address on the browser according to the reference instructions.
- 4) Please confirm that the browser is not an IE kernel browser.
- 5) Please close and reopen the browser, or try using a different browser.
- 6) Check if the POE network port light is flashing.
- 7) Please replace the network cable or try another computer.
- 8) After restarting the host, check if the IP address is displayed properly on the startup page.

Note: If the host is set to a static IP by default, you need to follow the instructions for DHCP configuration to reconfigure it in order to access the internet. If the problem cannot be solved after the above operation, please contact the official website www.foori.cn or call the service hotline: 400-9010-980