IISIGNAGE USER MANUAL

iiSignage2_4.0

May 27, 2026

IIYAMA

https://www.iiyama-cms.com/

Attention

This document may be updated irregularly for upgrade version or other reasons. Unless some additional agreements, there is no guarantee for any explicitly and implicitly made by statements, information or suggestions in this document.

Version	Release Date	Revision Notes
V1.0	2026/5/27	Initial Software upgrade

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1 Login system

1.1 Account Register

There are two steps to register:

1. Create a new account.
2. Add Organization ID.

1.1.1 Create new account

Click “Create new account” in https://www.iiyama-cms.com/#/login

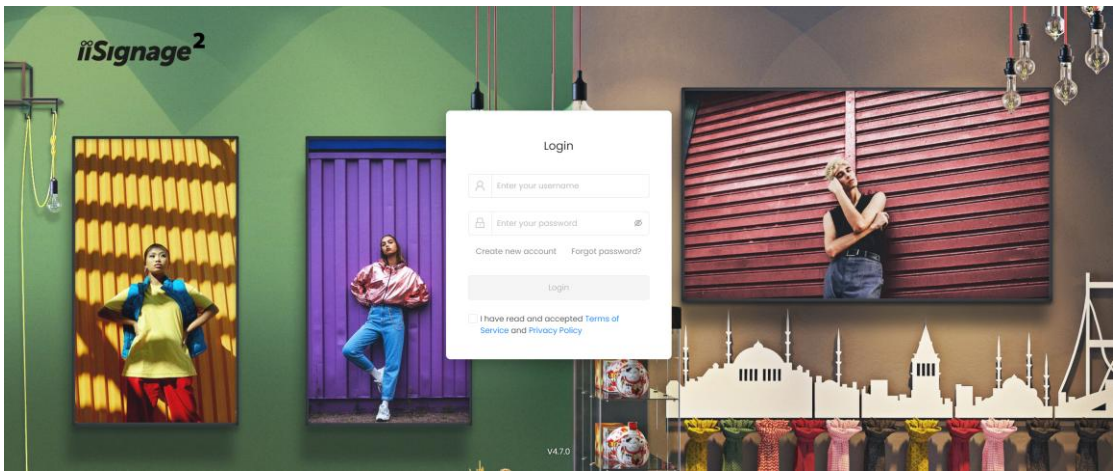
1.1.2 Add Organization ID

To add your device to your organization, you have to check your Organization ID.

Just click “System Management” > “Organizational management”

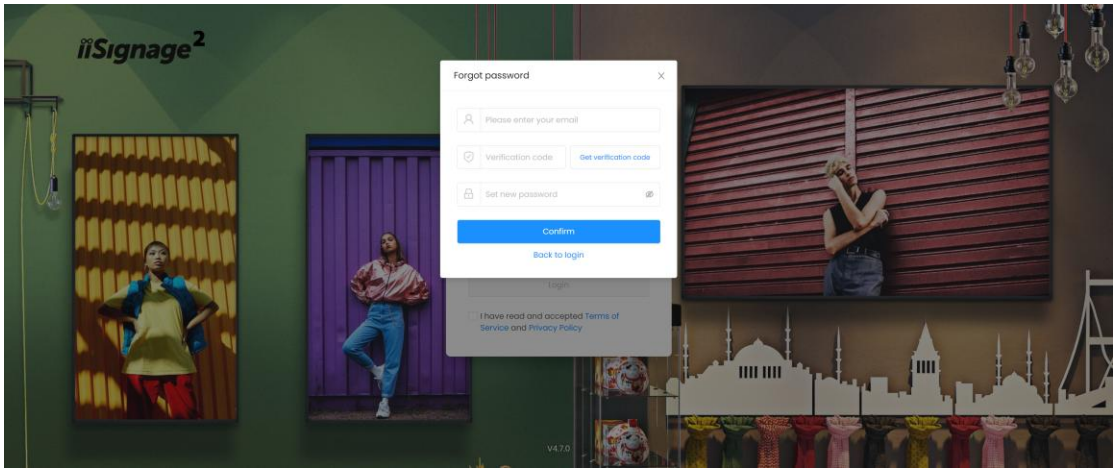
1.2 Account Login

Obtain your account credentials from your administrator. Use a Chromium-based browser (for example, Google Chrome) to open https://www.iiyama-cms.com/#/login, then enter your account and password to sign in.



1.2.1 Forget Password

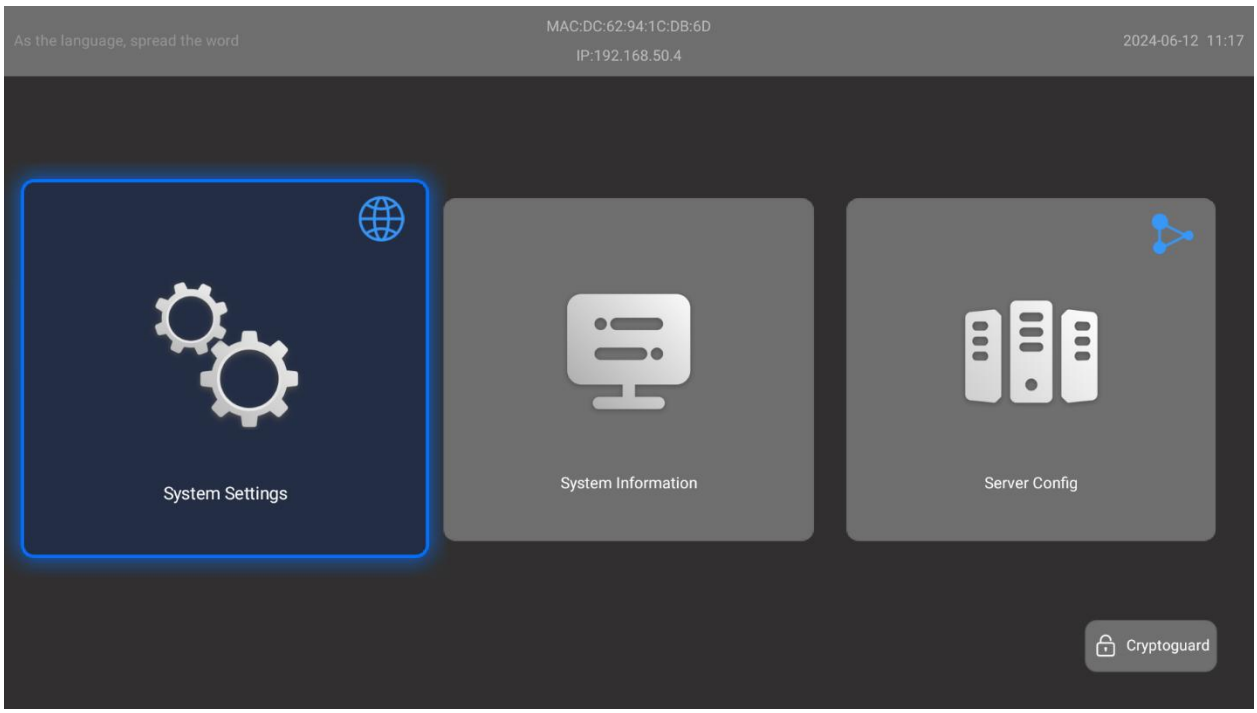
If password is forgotten while logging in to your account, you can reset your password by using your registered mail:



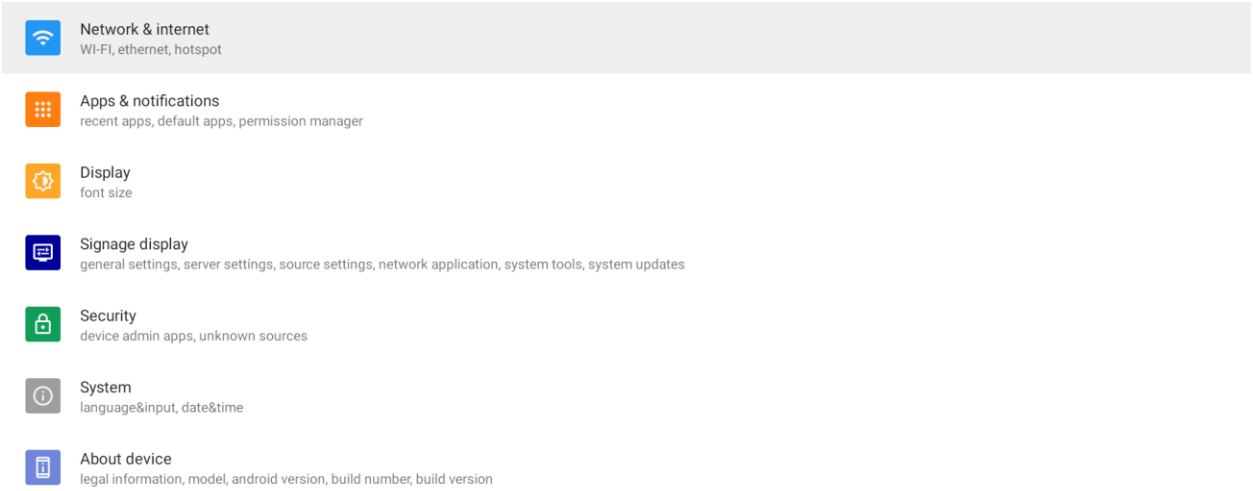
2 APP on device side

2.1 System Settings

Click System Settings to Android System Settings.

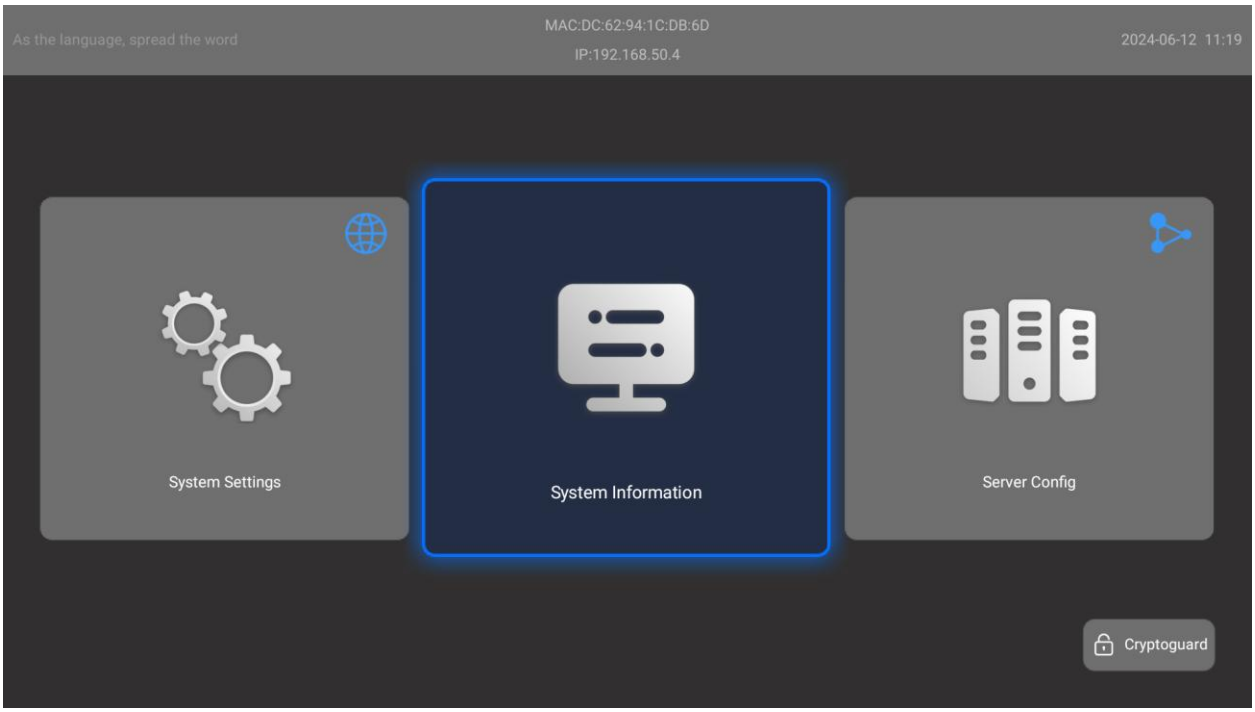


Below screen is Android System Settings.

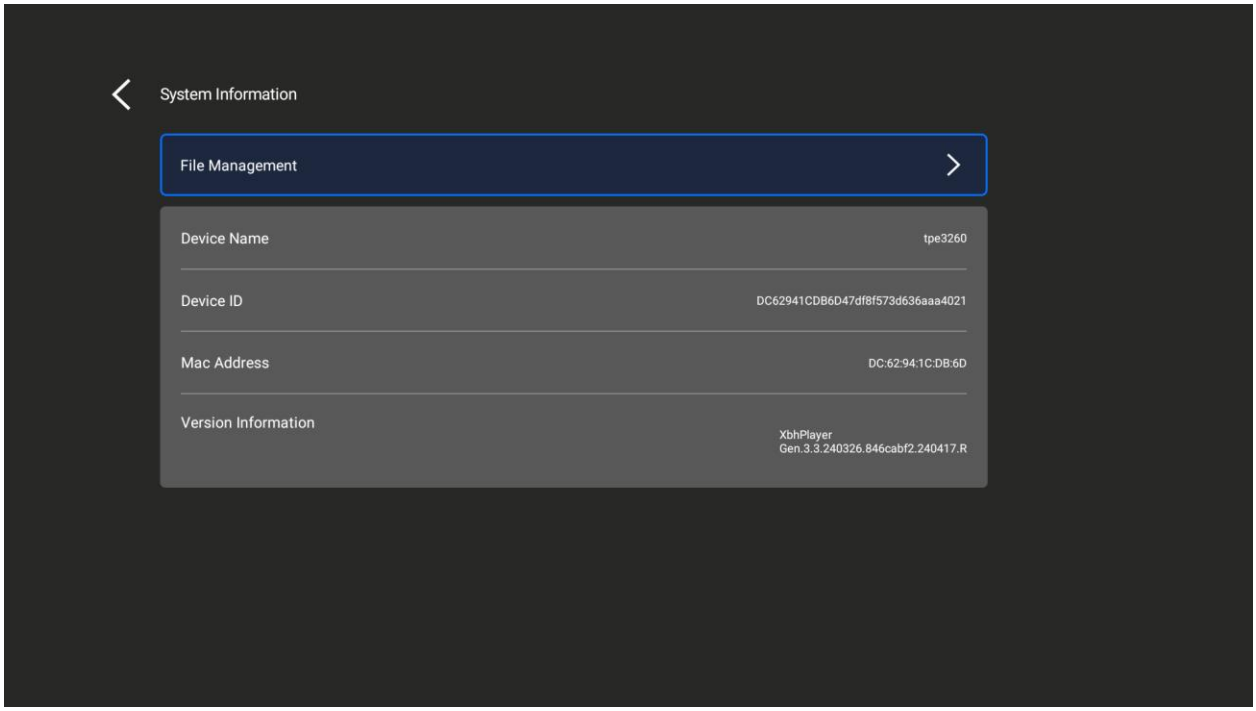


2.2 System Information

Click “System Information” to show System Information.

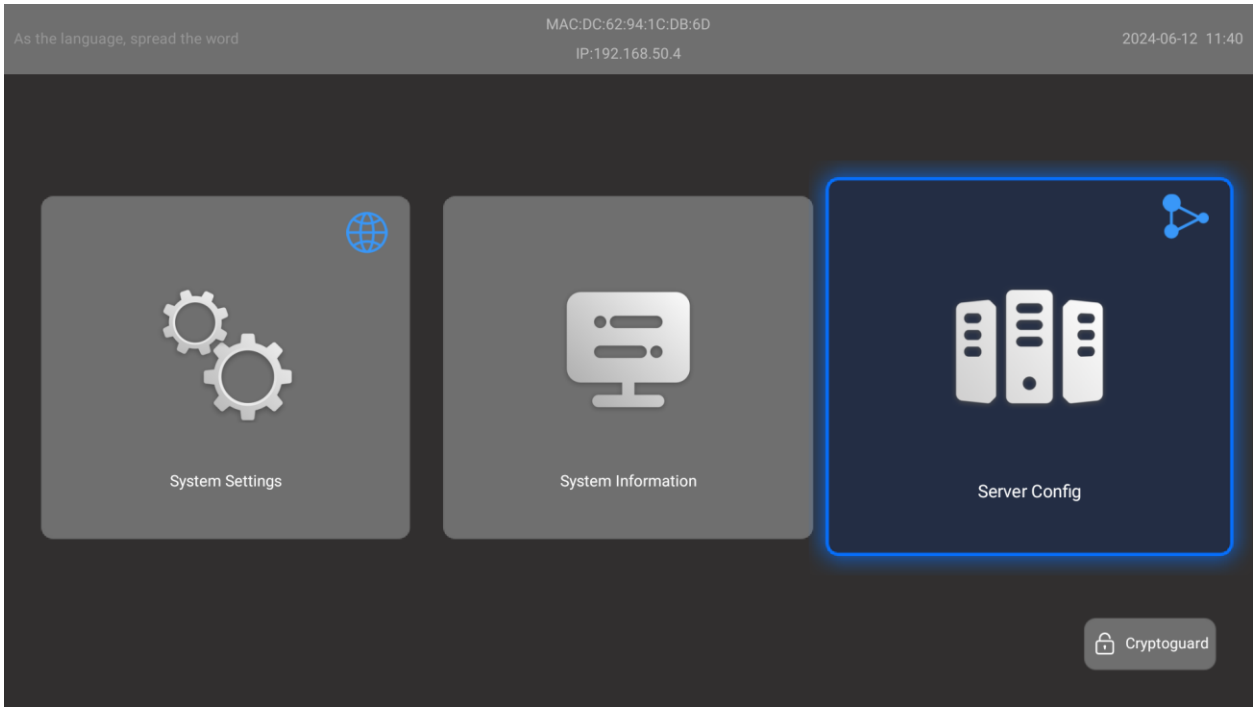


Below screen is System Information.

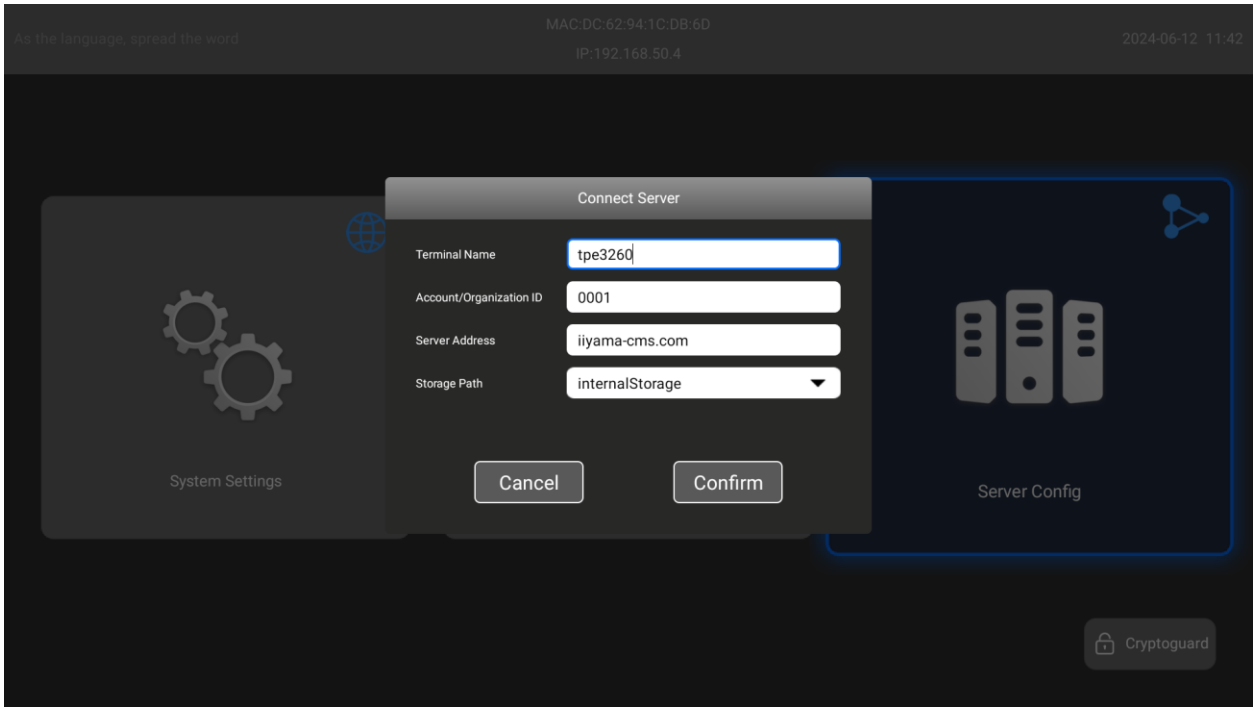


2.3 Server Config

Click “Server Config” to configure Device Name, Account/Organization ID, Server Address, and Storage Path.

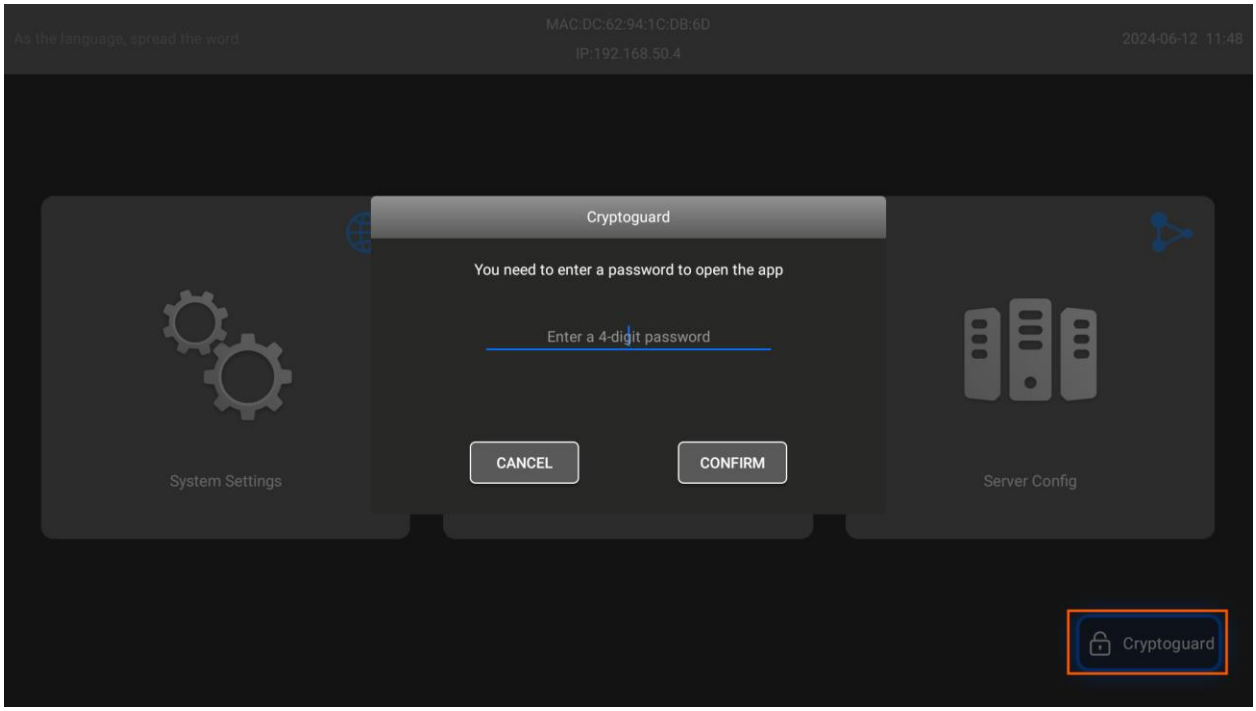


Below screen is Server Config.

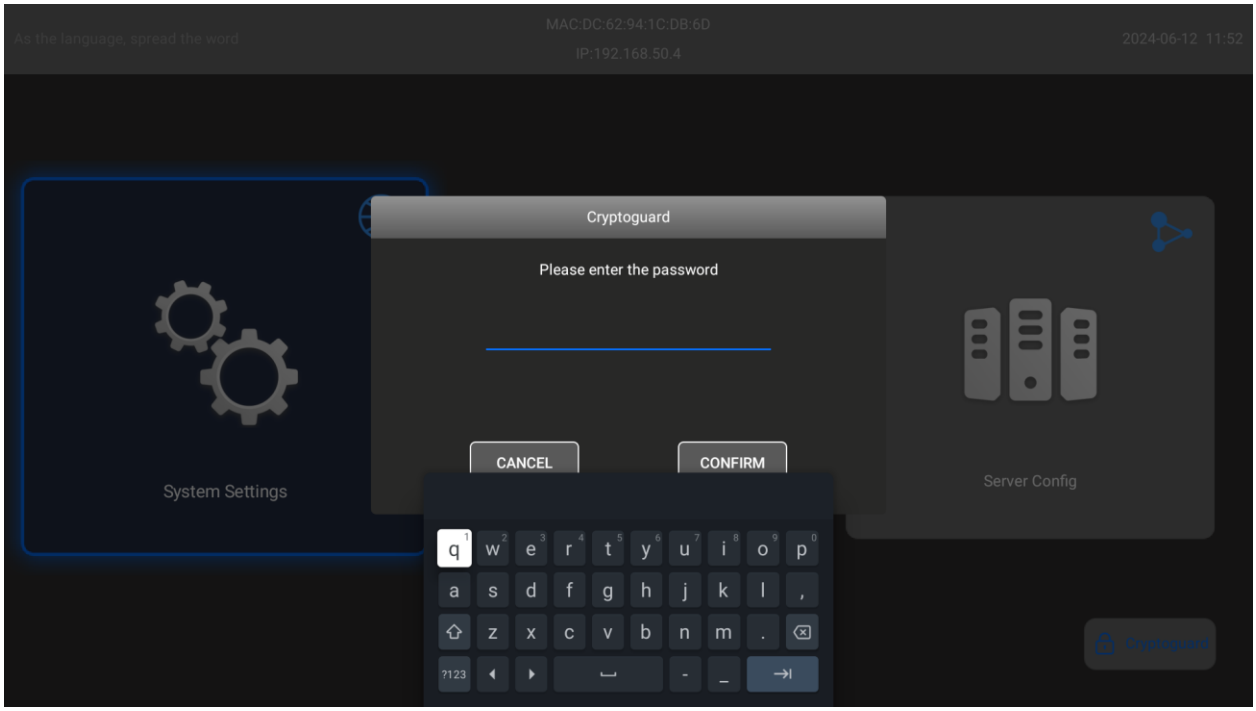


2.4 Cryptoguard

Click Cryptoguard to set password(below screen).



After setting password, when you click System Settings, System Information, Server Config, you have to enter password to enter(below screen).



2.5 Network Setup

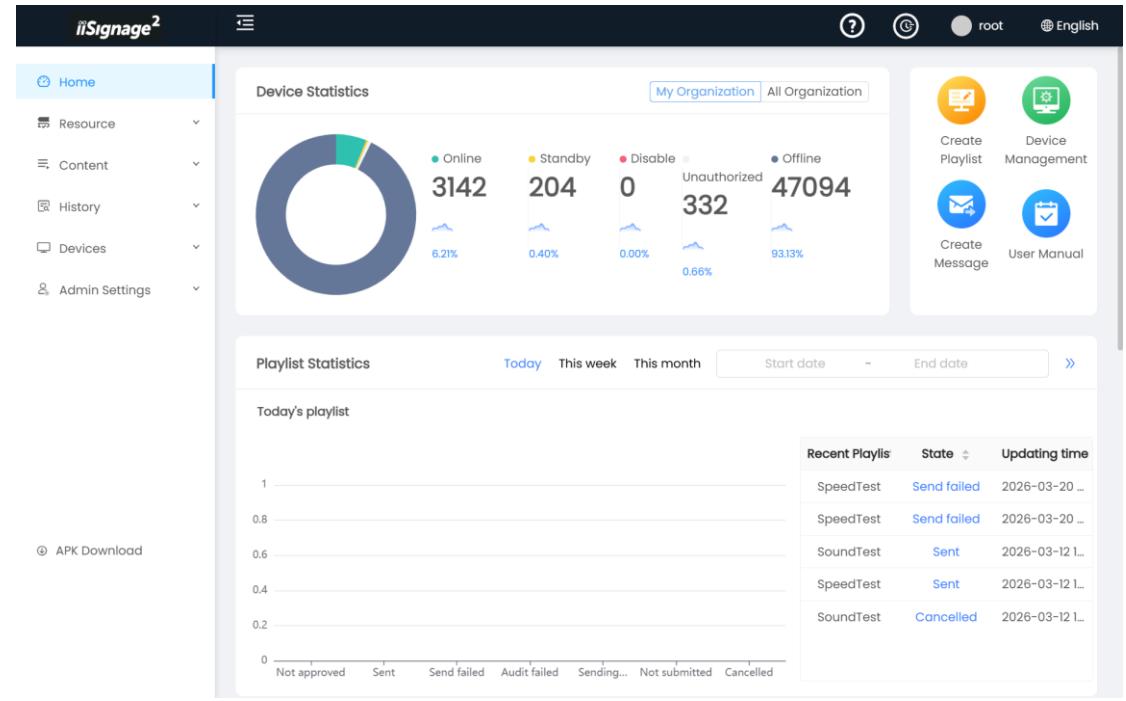
iiSignage2 server IP: 34.12.226.46

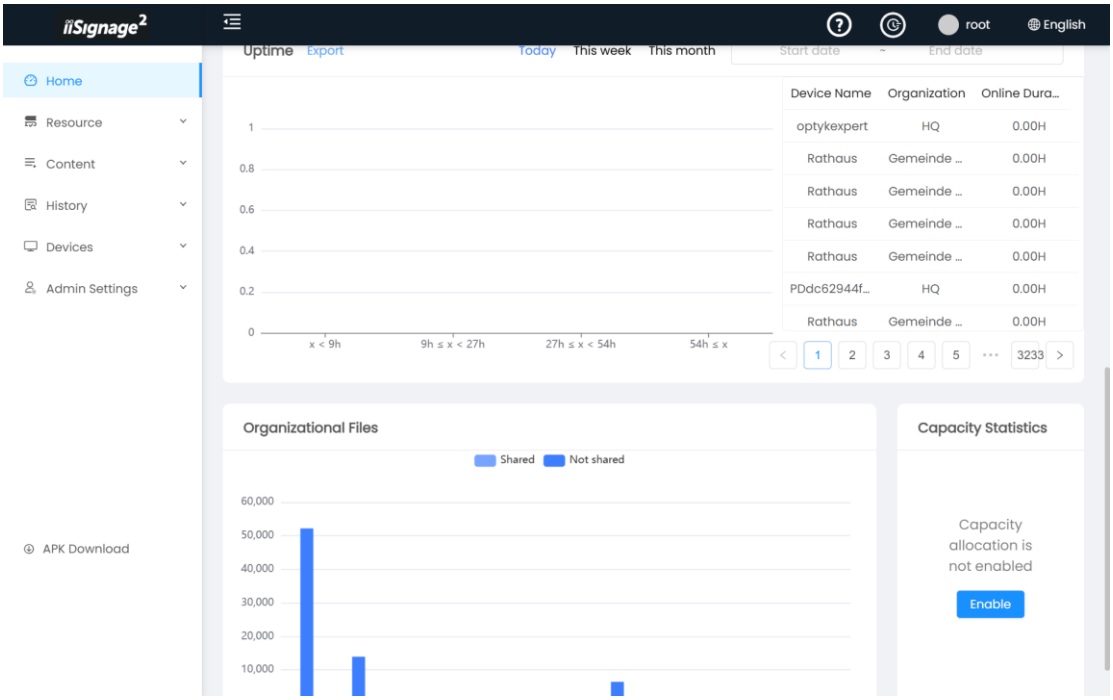
Port Protocol Apply Usage Website

Port	Protocol	Usage
80	TCP	WEB page access and file download
443	TCP	WEB page access and file download
19527	TCP	device discovery and communication

2.6 Homepage

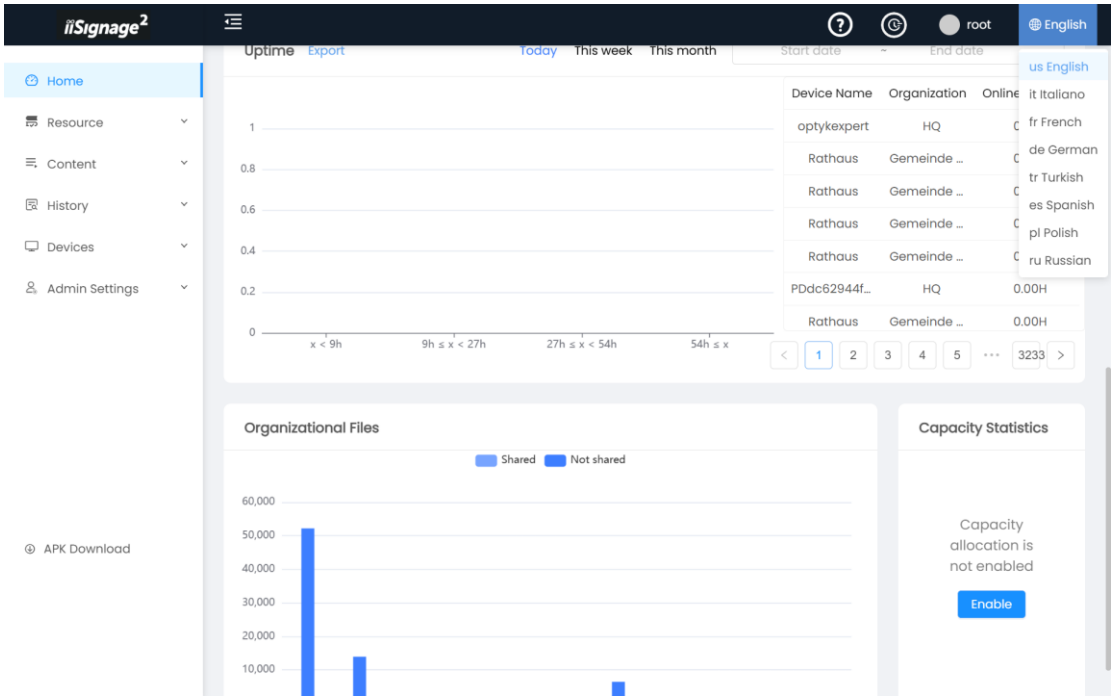
The home page of the information dissemination system contains six sections: [Device Statistics] [Common Functions] [Playlist Statistics] [Capacity Statistics] and [Organizational Filess].





2.6.1 Language switch

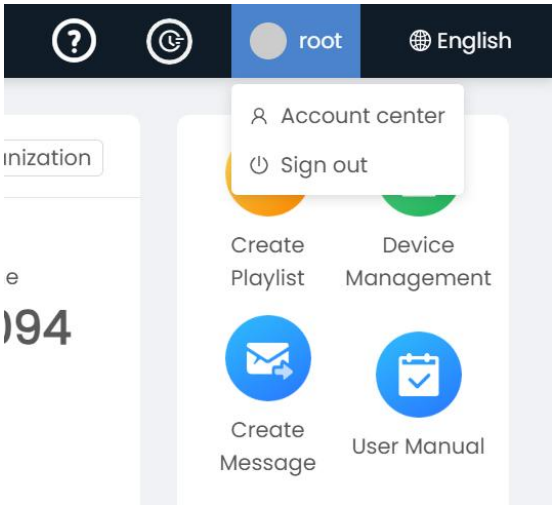
Click the corresponding language type in the upper right corner of the login screen to switch; click the upper right position to switch the language, the default is English;



2.6.2 User

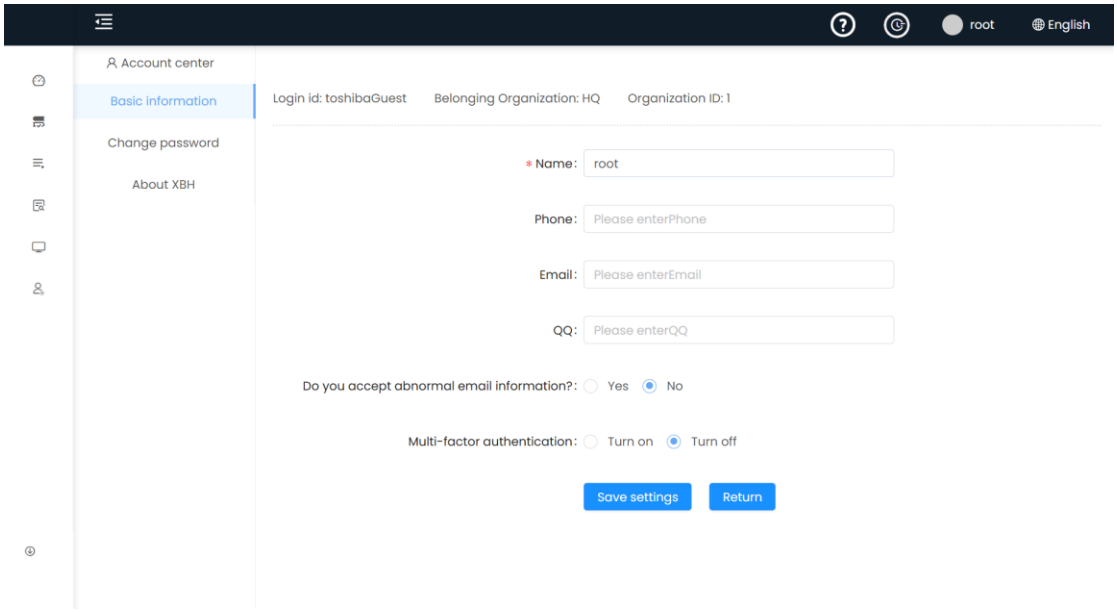
Personal center

Click user name > Personal center at right top of homepage. User can change his/her basic information or change password.



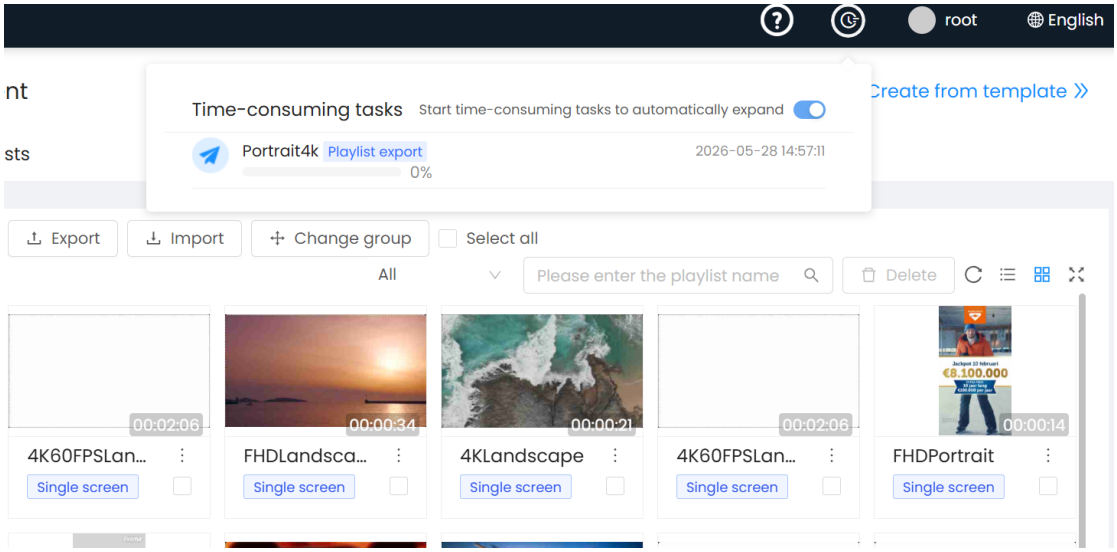
Basic information

User can set his/her basic information.



2.6.3 Time-consuming tasks

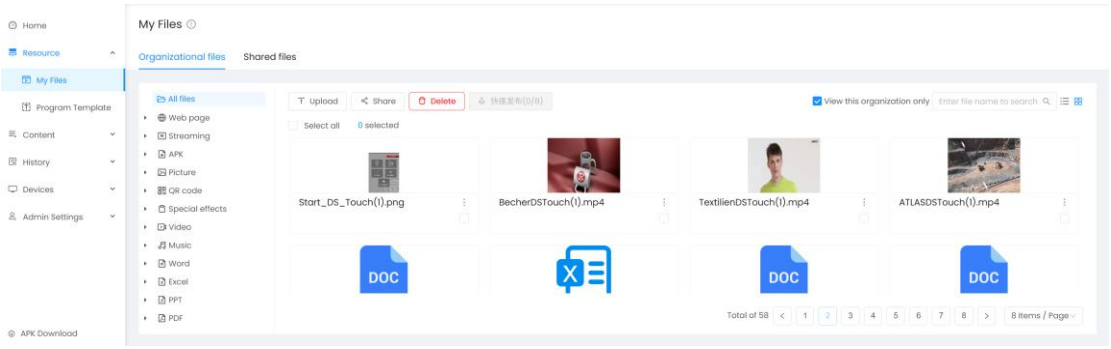
The time-consuming tasks section shows the tasks that are being executed in the background and last for a long time, such as the playlist export process, where users can see the progress of the playlist export, and can download the playlist directly here after the export is completed; they can also check the progress of the playlist distribution in real time here.



2.7 Resource

2.7.1 My Files

Click the upload button on the [Resource]-->[My Files] page to open the files upload window, after uploading the file, the system will automatically divide the uploaded file into the corresponding files types, each type of folder can be used to create new sub-folders for the management of different roles or different occasions to use the files.



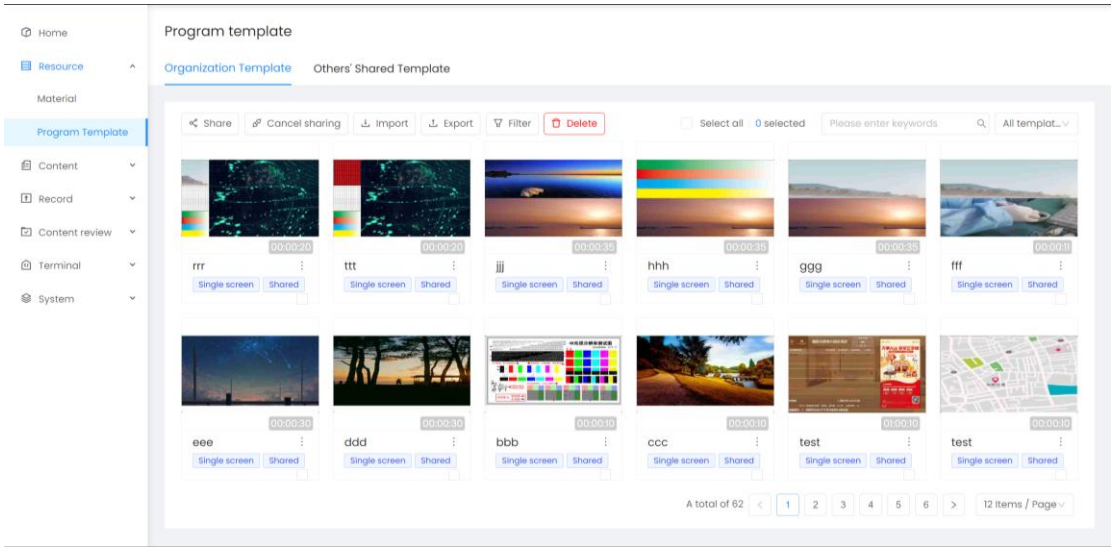
Note:

Up to 20 clips can be selected for each simultaneous upload, and the size of a single clip should not exceed 4G;

Files cloud storage is unlimited, but single files left unmodified for a year will be deleted. Deleting files will not impact existing playlists.

2.7.2 Playlist Template

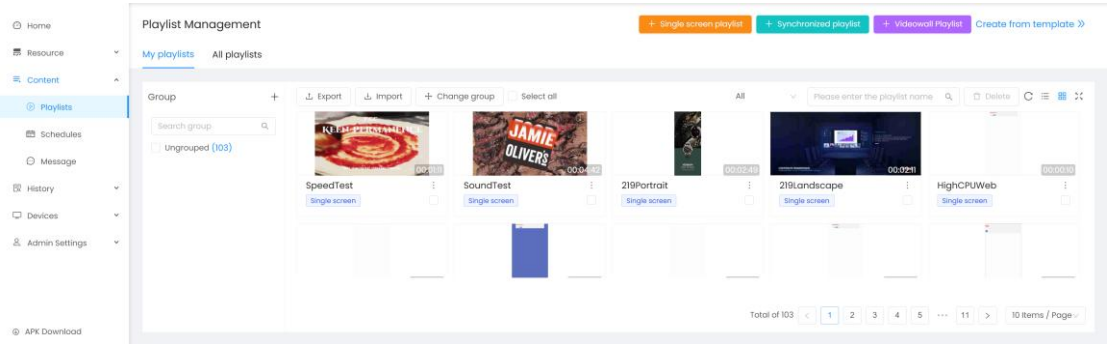
The template management section stores all the playlist templates in the organization and those shared from parent organizations. After saving the public part of the playlist as a template, the template can be used to produce a common standard playlist quickly.



2.8 Content

2.8.1 Playlist

Click [Content]-->[Playlist] or click 'Create Playlist' on the homepage to enter the playlist management page. In the playlist management page, the [My Playlists] section displays all the playlist data produced by the user, and the user can preview, modify, publish, export and delete the produced playlists. The [All Playlists] section displays all the playlist data of the user's organization.



New playlists:

Click the button on the top right corner of the page to set the resolution of the playlist to create a new playlist, and click 'Create from Template' to jump to the template management page. The types of playlists supported by the system are as follows.

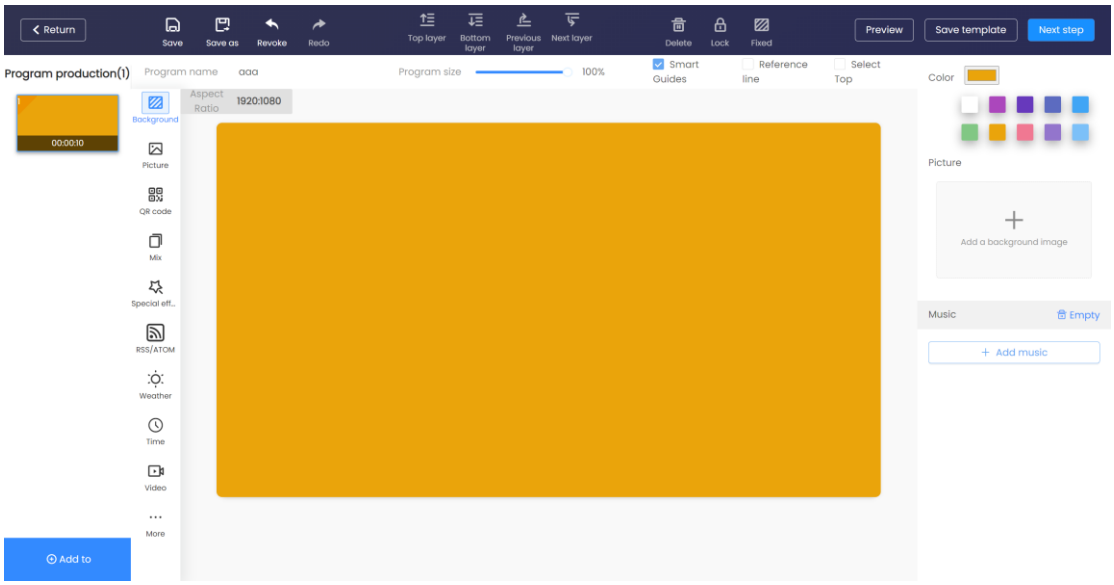
- Single-screen playlist: create an ordinary single-screen playlist, which can be sent to a single-screen device device for playback.

- Synchronous playlist: create synchronous playlist, the synchronous playlist can be sent to the device equipment group, the synchronous playlist in the same equipment group will keep the screen playing synchronously.
- Videowall playlist: create videowall playlist, the videowall playlist can be sent to the device equipment group, the videowall playlist in the same equipment group will play the video aspect setup in the group.

2.8.2 Playlist add-on widgets

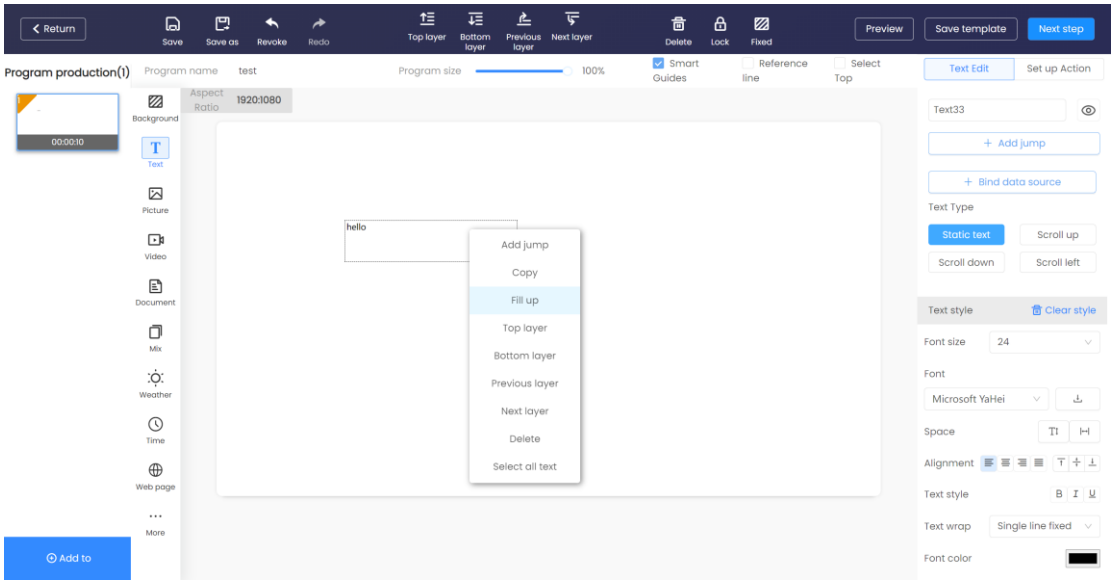
Addable elements: text, image, video, document, mixcast, weather, time, web page, streaming media, QR code, exchange rate dynamics, stock dynamics, geographic location, APK, signal source, interactive, static form, special effects scene, a total of 18 kinds of playlist elements, the following are the descriptions of the widgets and the operation instructions;

2.8.2.1 Background widget



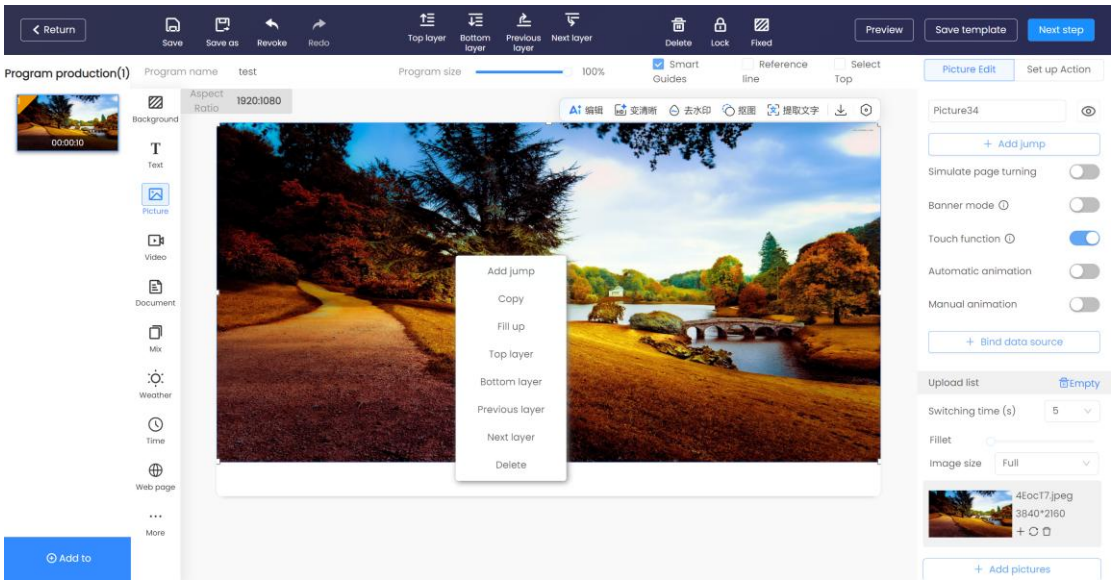
- Add background widget for adding background color and music display effect;
- Background setting: support three ways: color, picture and music;
- Operation steps:
  a. Select the Background widget button on the left to add a background widget display box;
  b. Automatically spread the editing display area after adding the widget;
  c. Set the text widget parameters:
     - Background setting: support color, picture and music;
     - Music format: mp3, aac, wma;
     - Music settings: support audio application to all playlist scenes and the current scene;

2.8.2.2 Text widget



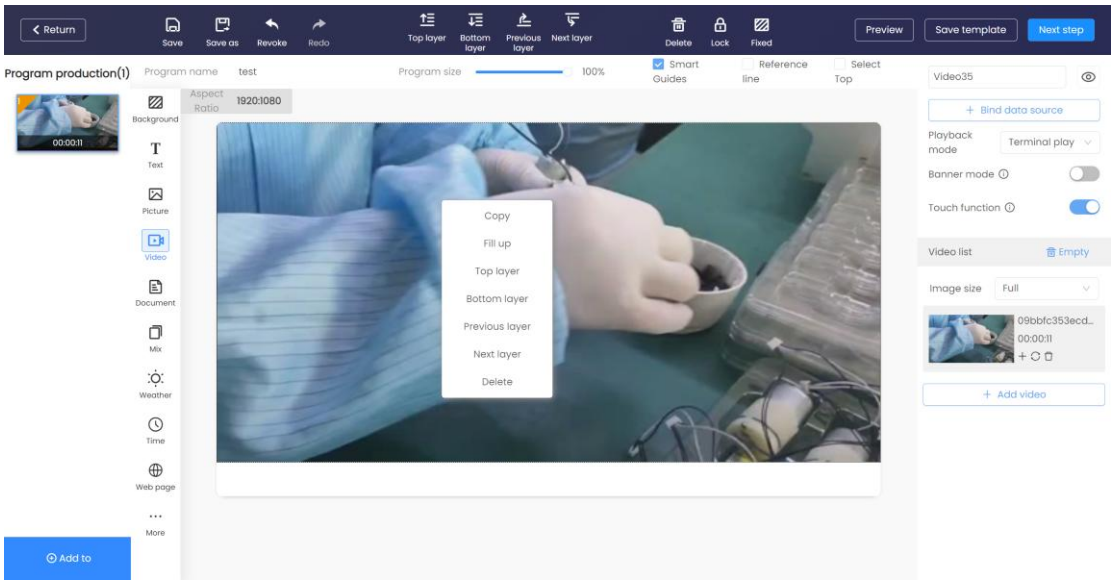
- Add text box for text display effect;
- Support text widget to set font, size, color and display effect of text;
- Operation steps:
  a. Select the Text widget button on the left to add the Time widget display box;
  b. After adding the widget use the mouse in the Playlist Editor to drag around the edge of the element to adjust the area of the element that needs to be displayed;
  c. Set the text widget parameters:
     - Playback type: static text, scroll up, scroll down, scroll left;
     - Text format: text size, font color, alignment, text style, background transparency, background color;
     - Text animation: Static, Scroll up, Scroll down, Scroll left
  d. Right-click to perform operations such as‘Copy’, ‘Fill up’ , ‘Top/Bottom layer’,‘Previous/Next layer’, and‘Delete’. Clicking on ‘Fill up’ will quickly expand the text widget's display frame to fill the entire screen.

2.8.2.3 Picture Widget



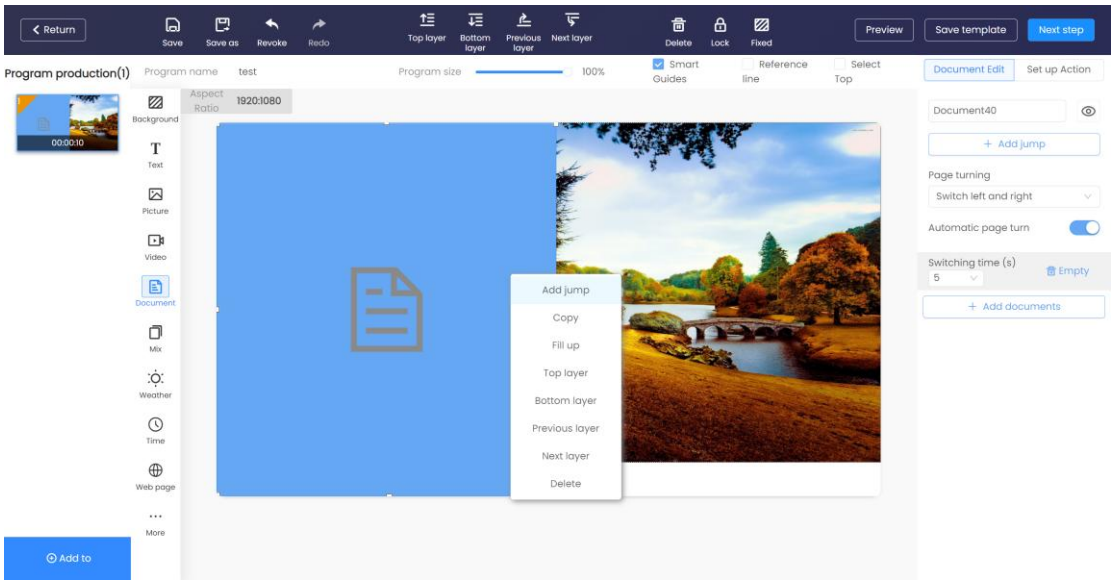
- Add picture widgets for picture display effect;
- Picture format: png, bmp, jpeg, gif (support maximum 10M per image single or batch upload);
- Operation steps:
  a. Select the Picture widget button on the left to add a picture widget display box;
  b. After adding the widget use the mouse to drag around the edge of the element in the playlist editor to adjust the area of the element to be displayed;
  c. Set the parameters of the picture widget:
     - Playback animation: analogue page turn, Banner mode, touch function, automatic animation, manual animation;
     - Picture animations: no effect, rubber band, zoom in, light speed into, fly in to the left, fly in to the right, fly in up, fly in down, roll in, swing, shake, emphasis;
     - Add a jump: you can add a jump to another scene or page;
  d. Right-click to perform operations such as‘Copy’, ‘Fill up’,‘Top/Bottom layer’,‘Previous/Next layer’, and‘Delete’. Clicking on ‘Fill up’ will quickly expand the picture widget's display frame to fill the entire screen.

2.8.2.4 Video Widget



- Add video widget for video display effect;
- Video format: mp4, avi, mpeg, asf, flv, mkv, vob, ts, dat, mov, f4v, 3g2, webm, trp (support maximum 4G per video single or batch upload);
- Operation steps:
  a. Select the left video widget button to add video widget display box;
  b. After adding the widget, use the mouse to drag around the edge of the element in the playlist editor to adjust the area where the element needs to be displayed;
  c. Set the video widget parameters:
     - Playback animation: Banner mode, touch function;
     - Video animation: no effect, rubber band, zoom in, light speed into, fly in to the left, fly in to the right, fly in up, fly in down, roll in, swing, shake, emphasis;
     - Add a jump: you can add jumps to other scenes or pages;
  d. Right-click to perform operations such as‘Copy’, ‘Fill up’,‘Top/Bottom layer’,‘Previous/Next layer’, and‘Delete’. Clicking on ‘Fill up’ will quickly expand the video widget's display frame to fill the entire screen.

2.8.2.5 Document widget



- Add document widgets for document display effects;
- Document format: doc, docx, ppt, xls, xlsx, pdf;
- Operation steps:

a. Select the document widget button on the left to add a document widget display box;

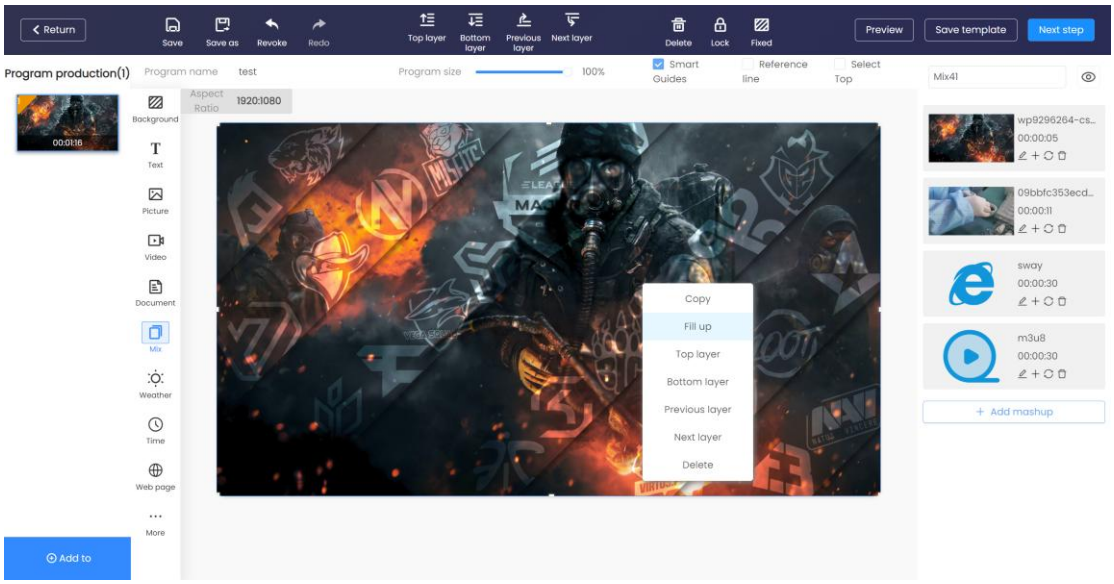
b. After adding the widget, use the mouse to drag the edge of the element in the playlist editor to adjust the area where the element needs to be displayed;

c. Set the parameters of the document widget:

- Page turning method: analogue page turn, scroll up and down, left and right switch;
- Document dynamic effects: switch left and right, scroll up and down, simulate page turning
- Add a jump: you can add jumps to other scenes or pages;

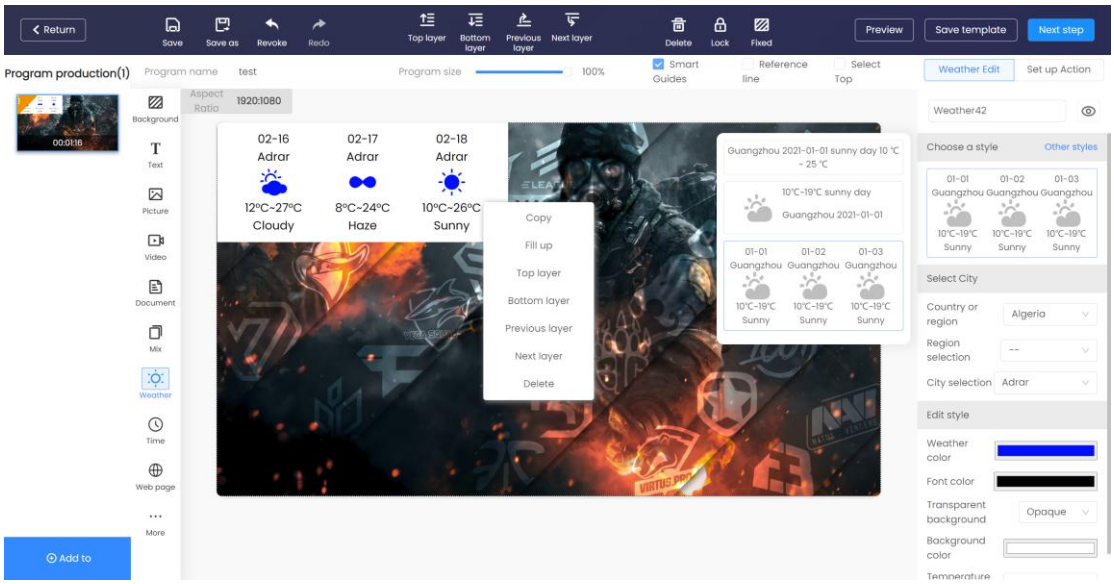
d. Right-click to perform operations such as‘Copy’, ‘Fill up’,‘Top/Bottom layer’,‘Previous/Next layer’, and‘Delete’. Clicking on ‘Fill up’ will quickly expand the office document widget's display frame to fill the entire screen.

2.8.2.6 Mix Widget



- Add required pictures and video clips for presentation effect;
- doc、docx、ppt、xls、xlsx、pdf；Image format: doc, docx, ppt, xls, xlsx, pdf;
  wmv、avi、rm、rmvb、ts、mp4、m4v、mkv、3gp、mov、flv；
- Video format: wmv, avi, rm, rmvb, ts, mp4, m4v, mkv, 3gp, mov, flv;
- Operation steps:
  a. Select the Mix widget button on the left to add a mix widget display box;
  b. Once the widget has been added use the mouse to drag around the edge of the element in the playlist editor to adjust the area of the element to be displayed;
  c. Right-click to perform operations such as‘Copy’, ‘Fill up’,‘Top/Bottom layer’,‘Previous/Next layer’, and‘Delete’. Clicking on ‘Fill up’ will quickly expand the mix widget's display frame to fill the entire screen.

2.8.2.7 Weather Widget



- Add a weather widget for the desired area to display the effect;
- Weather format: three fixed styles;
- Operation steps:

a. Select the weather widget button on the left to add a weather widget display box;

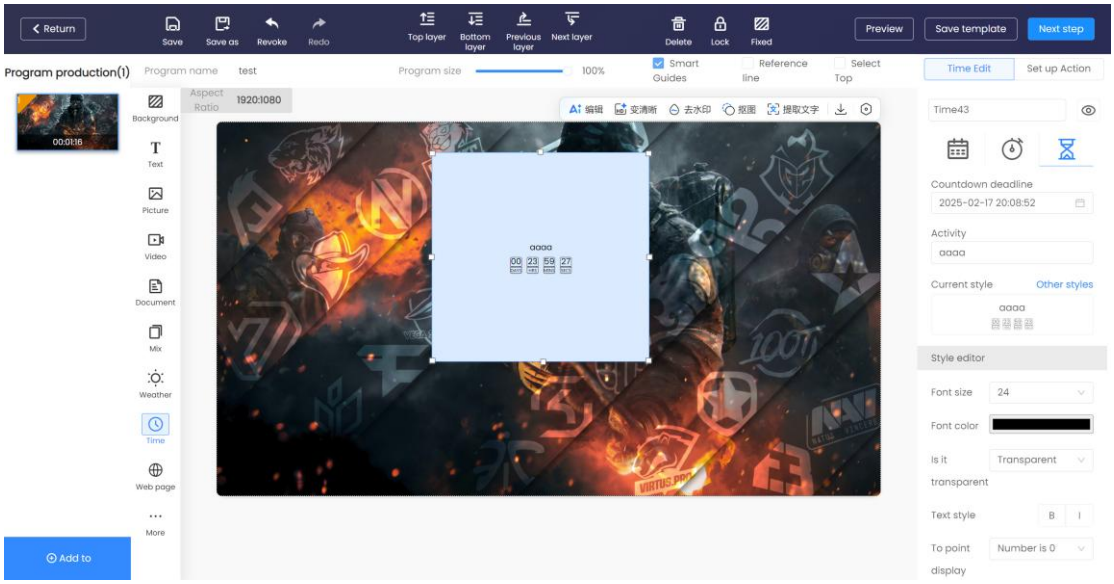
b. After adding the widget, use the mouse to drag around the edges of the element in the playlist editor to adjust the area where the element needs to be displayed. c. Set the parameters of the document widget;

c. Set the parameters of the document widget:

- Weather style: weather color, font color, background transparency, background color, temperature units;
- Set the region: according to the need to set the corresponding city weather (LAN state can not get the weather data);
- Weather animation: no effect, rubber band, zoom in, speed of light into, fly in to the left, fly in to the right, fly in up, fly in down, roll in, swing, jitter, emphasis;

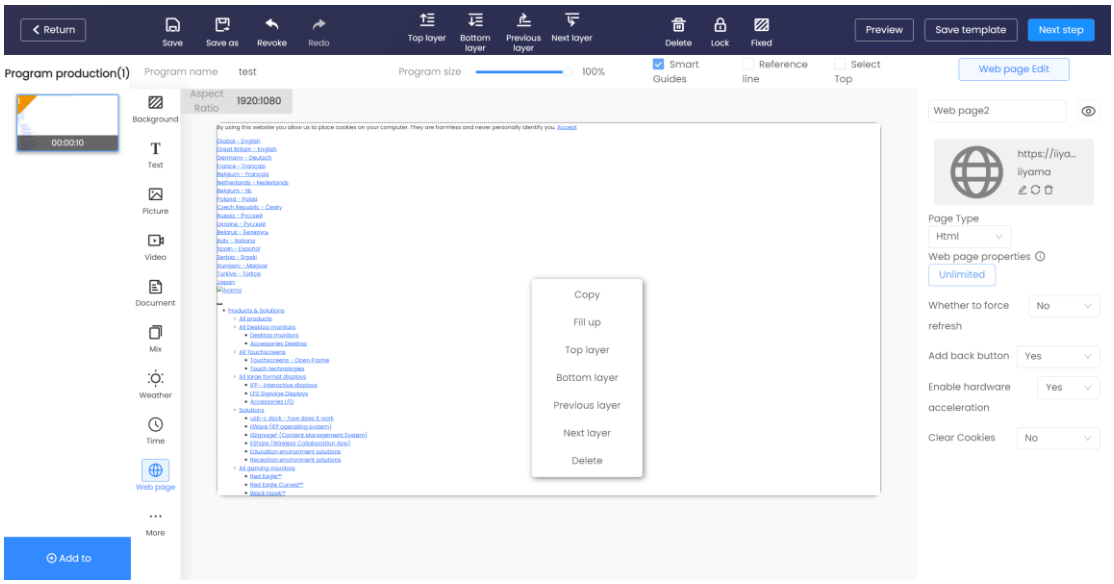
d. Right-click to perform operations such as‘Copy’, ‘Fill up’,‘Top/Bottom layer’,‘Previous/Next layer’, and‘Delete’. Clicking on ‘Fill up’ will quickly expand the weather widget's display frame to fill the entire screen.

2.8.2.8 Time Widget



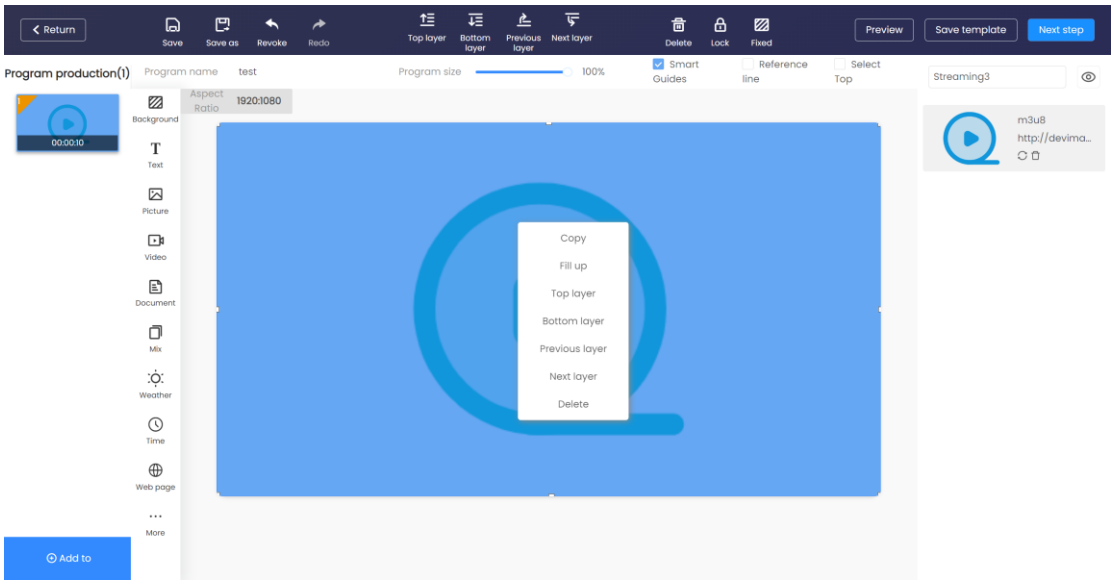
- Add the time widget for the desired region to show the effect;
- Time widget style: ‘Date’, ‘Time’, ‘Countdown’;
- Operation steps:
  a. Select the Time widget button on the left to add the time widget display box;
  b. After adding the widget, use the mouse to drag around the edges of the element in the Playlist Editor to adjust the area where the element needs to be displayed.
  c. Set the time widget parameters:
     - Time widget format: font size, font color, whether transparent, text style;
     - Set the region: according to the need to set the time of the corresponding city (LAN state cannot get the time data);
     - Time animation: no effect, rubber band, zoom in, speed of light into the left fly into, fly into the right fly into, up fly into, down fly into, roll into, swing, jitter, emphasis;
  d. Right-click to perform operations such as‘Copy’, ‘Fill up’,‘Top/Bottom layer’,‘Previous/Next layer’, and‘Delete’. Clicking on ‘Fill up’ will quickly expand the time widget's display frame to fill the entire screen.

2.8.2.9 Web Page Widget



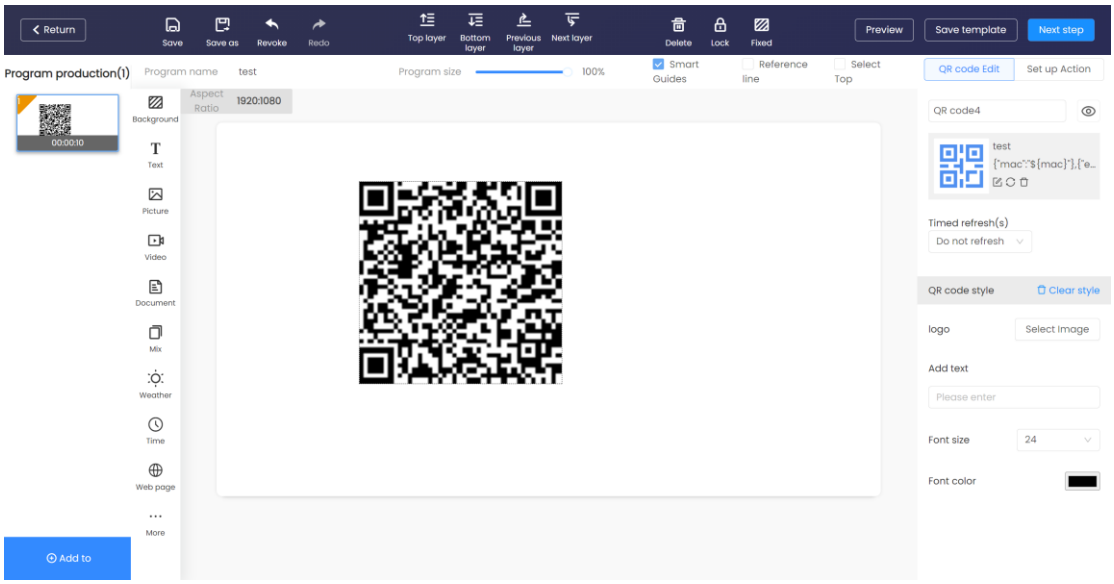
- Add the required web page widget for display effect;
- Web page format: just enter the link of the website that needs to be displayed (time data is not available in LAN status), for example: https://www.baidu.com/;
- Operation steps:
  a. Select the left web widget button to add the web widget display box;
  b. After adding the widget, use the mouse to drag around the edge of the element in the playlist editor to adjust the area where the element needs to be displayed;
  c. Set the web widget parameters:
     - Web page properties: web page resolution setting, width and height, whether to force refresh, add a back button (web page data can not be obtained under LAN status);
     - Web page animation: no effect, rubber band, zoom in, speed of light into the left fly into, fly into the right fly into, fly up into, fly down into, roll into, swing, jitter, emphasis;
  d. Right-click to perform operations such as‘Copy’, ‘Fill up’,‘Top/Bottom layer’,‘Previous/Next layer’, and‘Delete’. Clicking on ‘Fill up’ will quickly expand the web page widget's display frame to fill the entire screen.

2.8.2.10 Streaming Widget



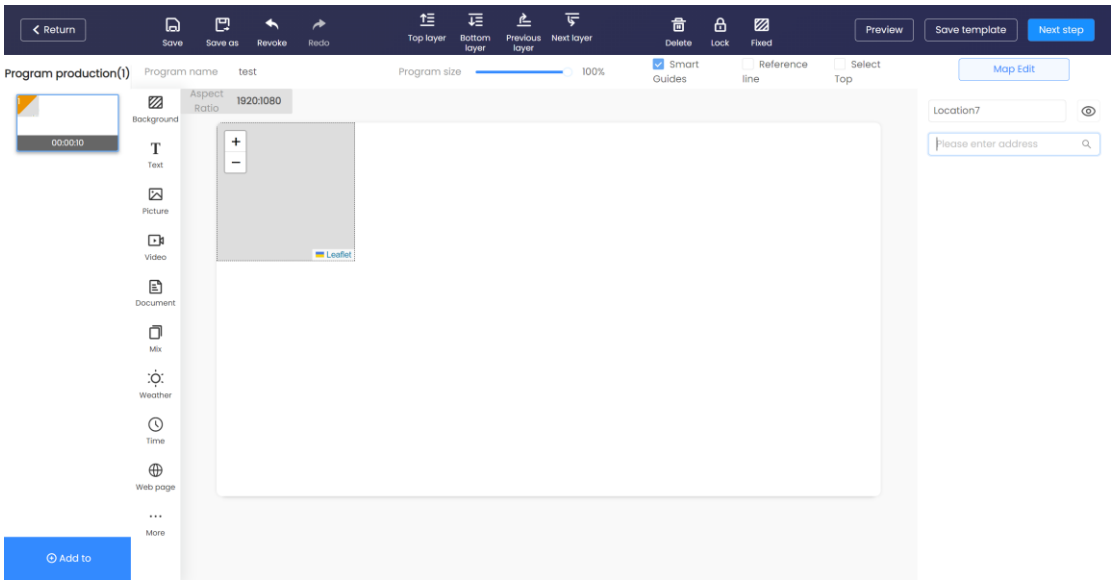
- Add streaming media widgets for webcast streaming media display effect;
- Streaming media format: http/https, rtsp, rtmp and other conventional encapsulated format streaming media protocol;
- Operation steps:
  a. Select the Streaming Media widget button on the left to add the streaming media widget display box;
  b. After adding the widget, use the mouse to drag around the edge of the element in the playlist editor to adjust the area where the element needs to be displayed;
  c. Right-click to perform operations such as‘Copy’, ‘Fill up’,‘Top/Bottom layer’,‘Previous/Next layer’, and‘Delete’. Clicking on ‘Fill up’ will quickly expand the streaming widget's display frame to fill the entire screen.

2.8.2.11 QR Code Widget



- Add required QR code widget for QR code display effect;
- Support the content of both URL and text formats to be made into QR code;
- Operation steps:
  a. Select the QR Code widget button on the left to add the QR Code widget display box;
  b. After adding the widget, use the mouse to drag the edge of the element in the playlist editor to adjust the area where the element needs to be displayed;
  c. Set the parameters of the QR code widget:
     - QR code style: logo image, add description text, text size, font color;
     - QR code animation: no effect, rubber band, zoom in, speed of light into, fly into the left, fly in to the right, fly in up, fly in down, roll in, swing, shake, emphasis;
  d. Right-click to perform operations such as‘Copy’, ‘Fill up’,‘Top/Bottom layer’,‘Previous/Next layer’, and‘Delete’. Clicking on ‘Fill up’ will quickly expand the QR code widget's display frame to fill the entire screen.

2.8.2.12 Location Widget



- Add required location widget for location display effect;
- Operation steps:

a. Select the Location widget button on the left to add the Location widget display box;

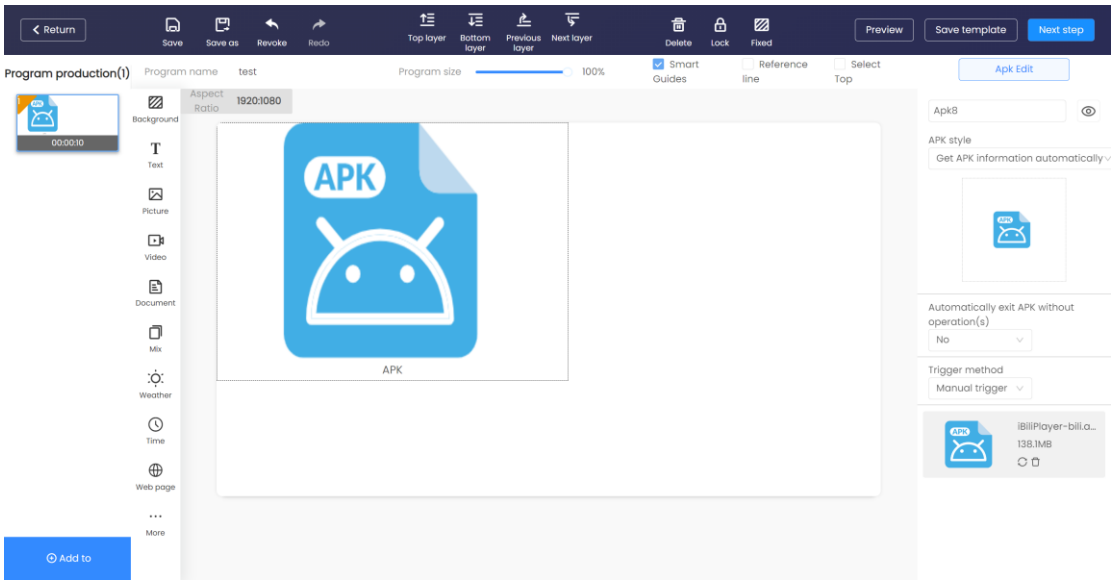
b. After adding the widget, use the mouse to drag around the edge of the element in the playlist editor to adjust the area where the element needs to be displayed;

c. Set the map widget parameters:

- Map parameters: automatic/manual acquisition;
- Map display mode: map/satellite;
- Display animation: no effect, rubber band, zoom in, speed of light into the, fly into the left, fly into the right, fly into the up, fly into the down, roll into the, swing, jitter, emphasis;

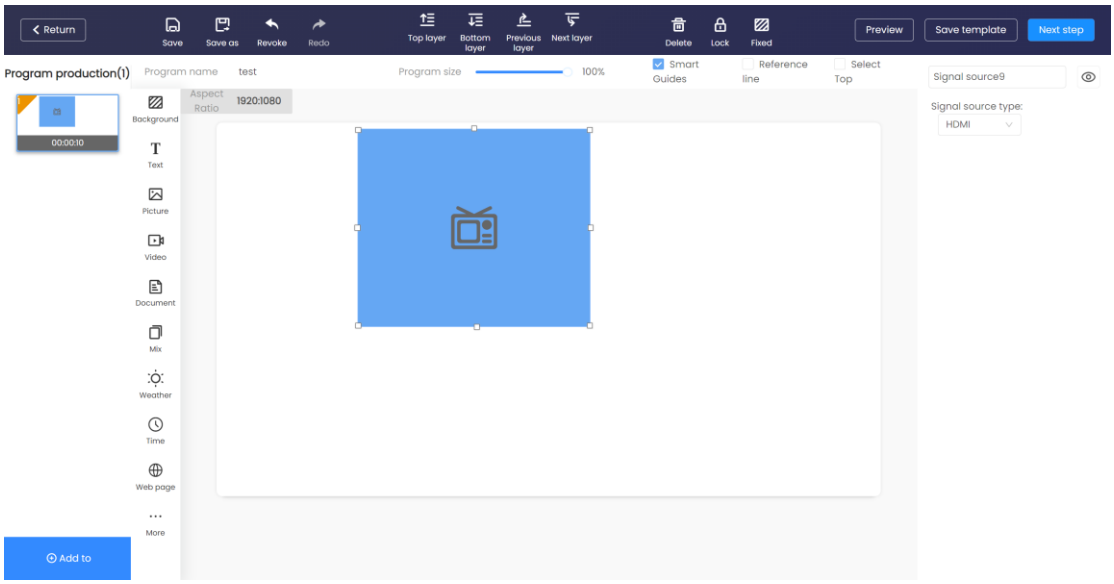
d. Right-click to perform operations such as‘Copy’, ‘Fill up’,‘Top/Bottom layer’,‘Previous/Next layer’, and‘Delete’. Clicking on ‘Fill up’ will quickly expand the location widget's display frame to fill the entire screen.

2.8.2.13 APK Widget



- Add the required Apk widget for displaying the effect;
- Operation steps:
  a. Select the Apk widget button on the left to add the Apk widget display box;
  b. After adding the widget, use the mouse to drag around the edge of the element in the playlist editor to adjust the area where the element needs to be displayed;
  c. Set the Apk widget parameters:
     - Apk style: automatically/manually get Apk information, when you select custom, you can click to change the Apk display image, Apk name. u Apk trigger mode: manual trigger;
     - Apk trigger mode: manual trigger, automatic trigger; when touching the Apk in the playlist, it will jump to the corresponding APP page, no operation return time according to the execution of the background settings, and return to the playlist playback page;
     - Display animations: no effect, rubber band, zoom, light speed into, fly in to the left, fly in to the right, fly in upwards, fly in downwards, roll in, swing, shake, emphasise;
  d. Right-click to perform operations such as ‘Copy’, ‘Fill up’, ‘Top/Bottom layer’, ‘Previous/Next layer’, and ‘Delete’. Clicking on ‘Fill up’ will quickly expand the Apk widget's display frame to fill the entire screen.

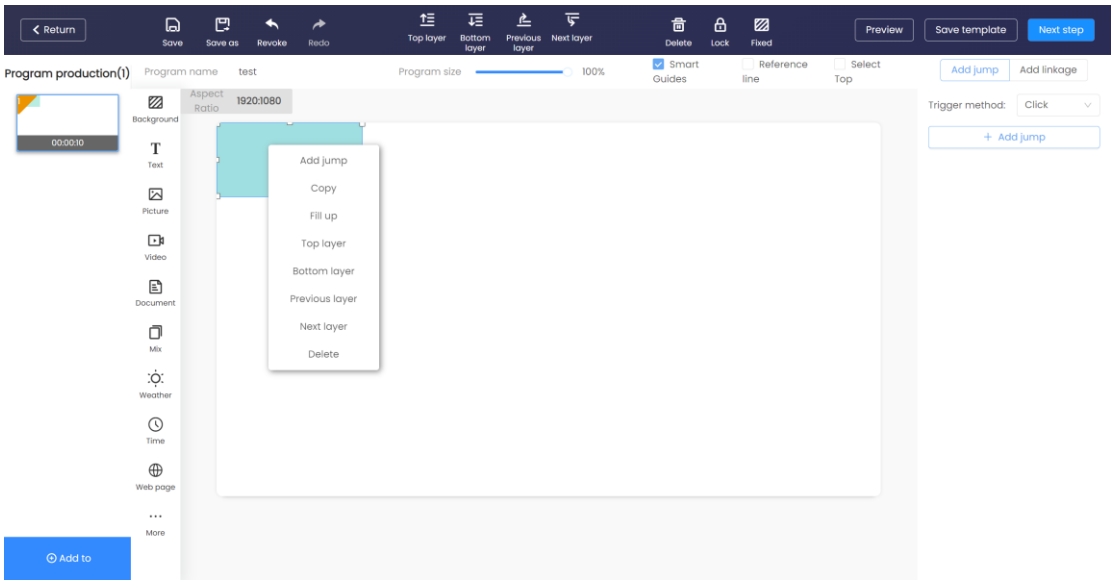
2.8.2.14 Signal Source Widget



- Add source widget for source screen display effect;
- Source format: HDMI IN, AV IN, VGA IN source channel;
- Operation steps:
  a. Select the left source widget button to add the source widget display box;
  b. After adding the widget, use the mouse to drag the edge of the element in the playlist editor to adjust the area where the element needs to be displayed;
  c. Right-click to perform operations such as ‘Copy’, ‘Fill up’, ‘Top/Bottom layer’, ‘Previous/Next layer’, and ‘Delete’. Clicking on ‘Fill up’ will quickly expand the Apk widget's display frame to fill the entire screen.

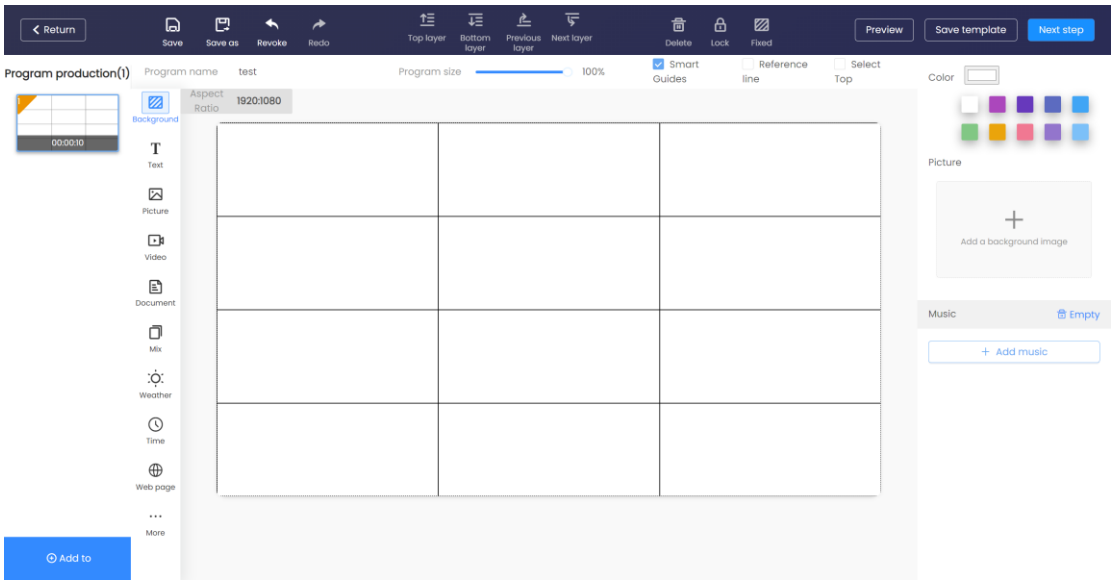
Note: Due to the limitations of the playlist, in order to avoid the stretching phenomenon caused by the vertical screen advertising machine when playing the playlist of the signal source, it is not recommended to switch to the signal source channel directly, but to operate through the way of making the playlist and adding the signal source as above.

2.8.2.15 Interaction Widget



- Add the required interactive widgets for the jump display effect between field show, playlist and APK;
- Interactive format: interactive jump, linkage jump in two ways, support button text content, radian, font color size, button radian, button width and height and button background color modification;
- Operation steps:
  a. Select the left interactive widget button to add the dynamic widget display box;
  b. After adding the widget, use the mouse to drag around the edge of the element in the playlist editor to adjust the area where the element needs to be displayed;
  c. Set the parameters of the interactive widget:
     - Trigger mode: click, double-click, swipe left, swipe right;
     - No-touch return: default 10, 30, 60, 120, 180s, support for custom time;
     - Jump display: thumbnail, full screen, when set thumbnail display below the playlist;
     - linkage jump icon style: replace content, hide, show/hide, pause/play, up/down A setting;
  - Right-click to perform operations such as ‘Copy’, ‘Fill up’, ‘Top/Bottom layer’, ‘Previous/Next layer’, and ‘Delete’. Clicking on ‘Fill up’ will quickly expand the Apk widget's display frame to fill the entire screen.

2.8.2.16 Static Form Widget



- Add required static form widget display effects;
- Table formatting: set row/width, text, color, background, alignment;
- Operation steps:

a. Select the Static Form widget button on the left to add a static form widget display box;

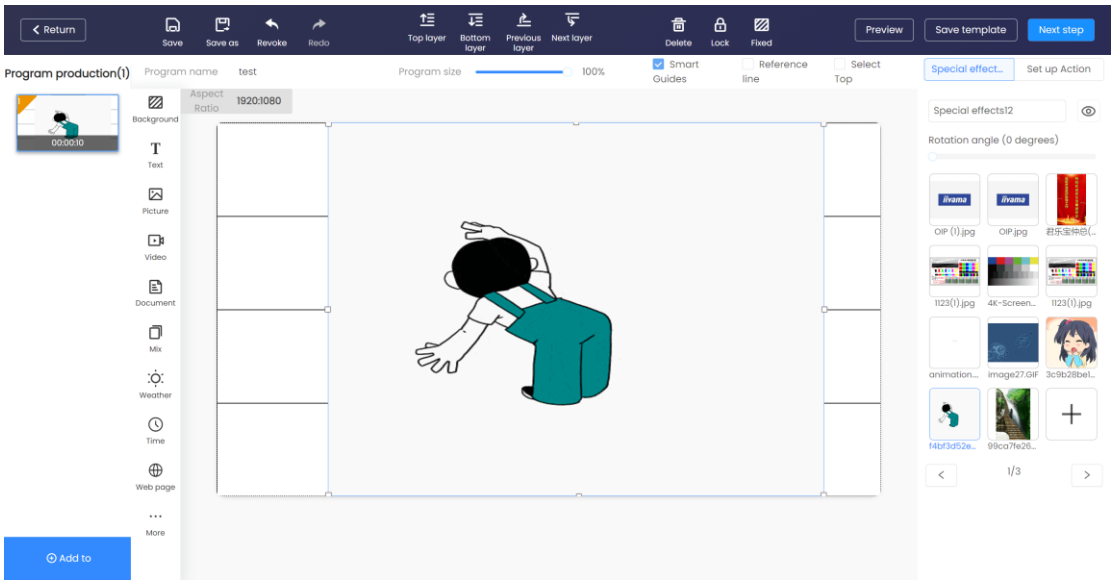
b. After adding the widget, use the mouse to drag around the edge of the element in the playlist editor to adjust the area where the element needs to be displayed;

c. Set the parameters of the static form widget:

- Form parameters: customise the row/width and height parameters.
- Table formatting: set row/width, text, color, background, alignment, border style, border color;

■ Right-click to perform operations such as 'Copy', 'Fill up', 'Top/Bottom layer', 'Previous/Next layer', and 'Delete'. Clicking on 'Fill up' will quickly expand the Apk widget's display frame to fill the entire screen.

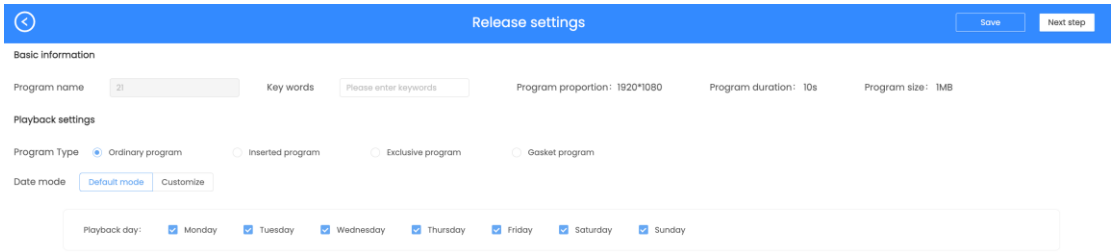
2.8.2.17 Special Effect Widget

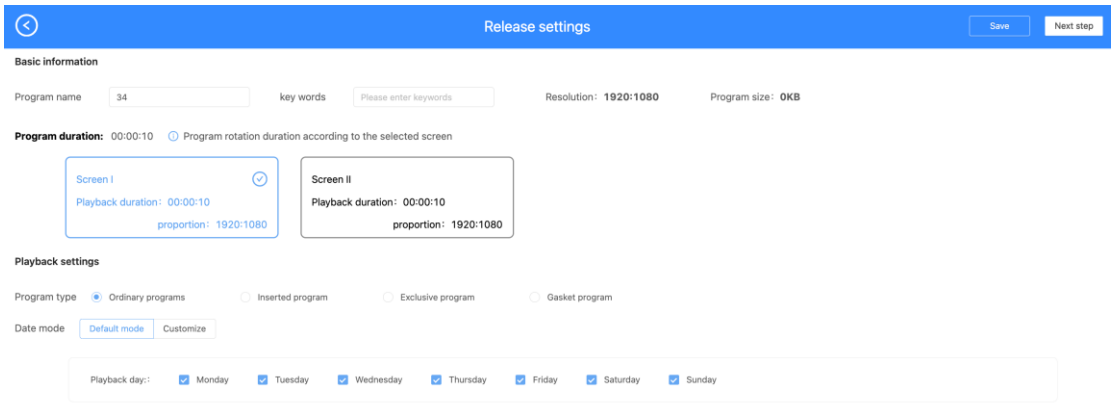


- Add special effect widgets for special effect display effects;
- Special effect styles: water splash, smoke, petal ticket, dynamic text box, bubble, flash, wind chime, map and more;
- Operation steps:
  a. Select the Special Effects widget button on the left to add a special effects widget display box;
  b. After adding the widget, use the mouse to drag around the edge of the element in the playlist editor to adjust the area where the element needs to be displayed;
  c. Set the parameters of the special effect widget:
     - Special effect angle: custom 0-360 degrees rotation;
  - Right-click to perform operations such as 'Copy', 'Fill up', 'Top/Bottom layer', 'Previous/Next layer', and 'Delete'. Clicking on 'Fill up' will quickly expand the Apk widget's display frame to fill the entire screen.

2.8.3 Playlist Release

After the playlist is finished editing, tap Next to jump to the release settings page, select single-screen type device release if the playlist is single-screen, or select double-screen type device release if the playlist is double-screen, as shown in the following figure:





Playlist types: Ordinary, Inserted, Exclusive, Gasket, with playlist priority: Exclusive > Inserted > Ordinary > Gasket, and the following are detailed descriptions of these playlists:

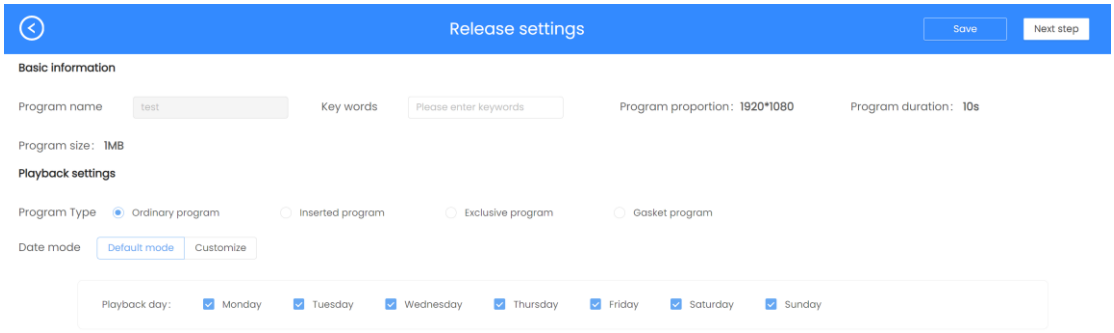
- **Ordinary Playlist:** Play multiple playlists in turn in the order of release, there is no special requirement for setting.
- **Inserted playlist**: When the playback start time is triggered, no matter what playlist is currently playing, the inserted playlist will be played directly, and after it is played once, it will be played in the order of the previous playlist. It is suitable for dealing with some urgent playlists, and you can see the playback effect immediately.
- **Exclusive playlist:** When the start time of exclusive playlist is triggered, the playlist will be played and other playlists will be postponed until the end time of exclusive playlist is triggered. If an interrupt playlist is released when the exclusive playlist is playing, the interrupt playlist will be played once, and then the exclusive playlist will

continue to be played repeatedly. It is suitable for some temporary or urgent playlists that need to be repeated many times to achieve the effect of notification or publicity, such as some temporary notification activities in shopping malls, an important news in newspaper, and so on.

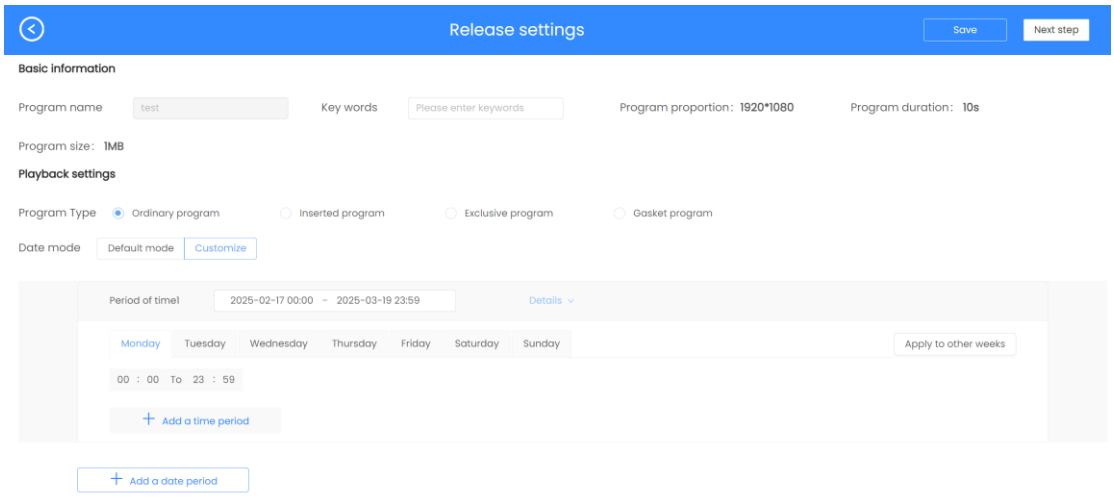
- **Gasket playlist:** When there is no playlist to play, in order to avoid the ineffective publicity of the advertising machine to play the gasket playlist, make full use of the spare time of the device.

Date mode: default mode and custom mode;

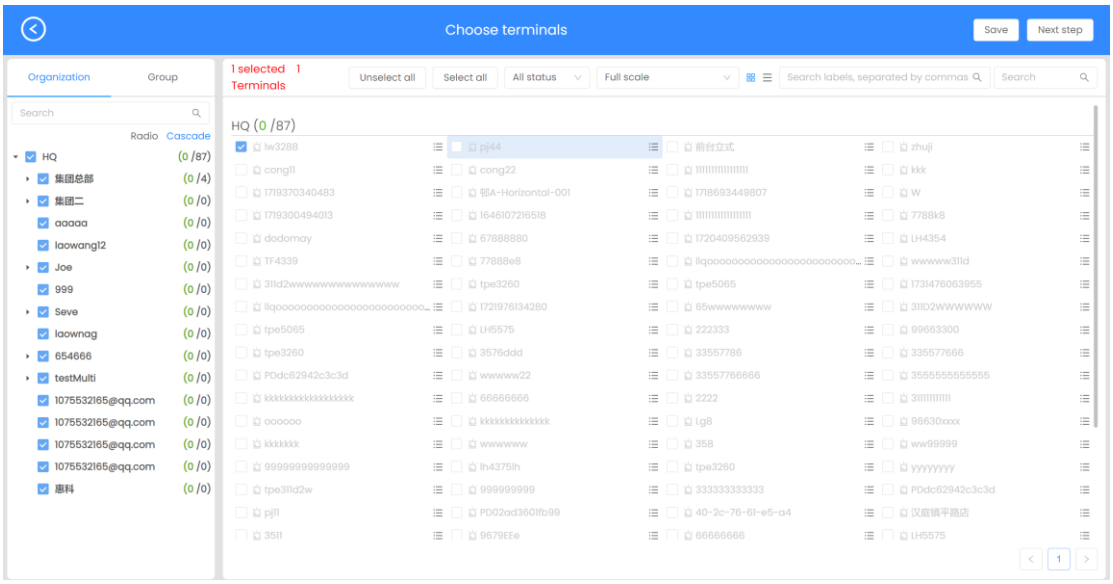
- **Default Mode:** defaults to play every day until manually deleted;



- **Custom Mode:** first set the date segment, then set the week mode, and finally select the specific time segment. Set the time of week X, click 'Apply to other week', the playlist will be played in the specified time slot of other week; click 'Add date segment', you can add multiple date segments.



1. After selecting the device machines to be released, click Submit to release the playlist;



Note: After clicking Submit, the system opens a preview/audit dialog if playlist audit is enabled. If audit is disabled, the playlist is submitted directly and its status changes to Ongoing Release.

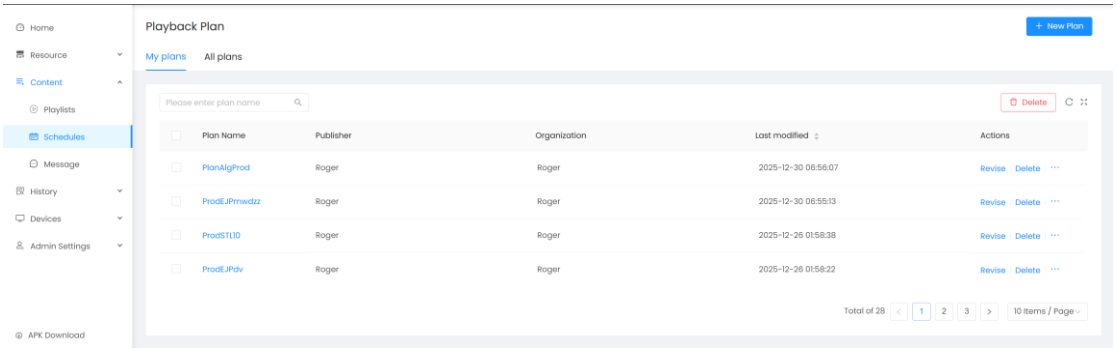
2.8.4 Schedule

1. Click the navigation [Content]-->[Schedule] to enter the schedule management page.

2. Schedule can pack multiple playlists into one plan by time arrangement and send it to device equipment. All the playlists in the plan will be played according to the established time of the plan.

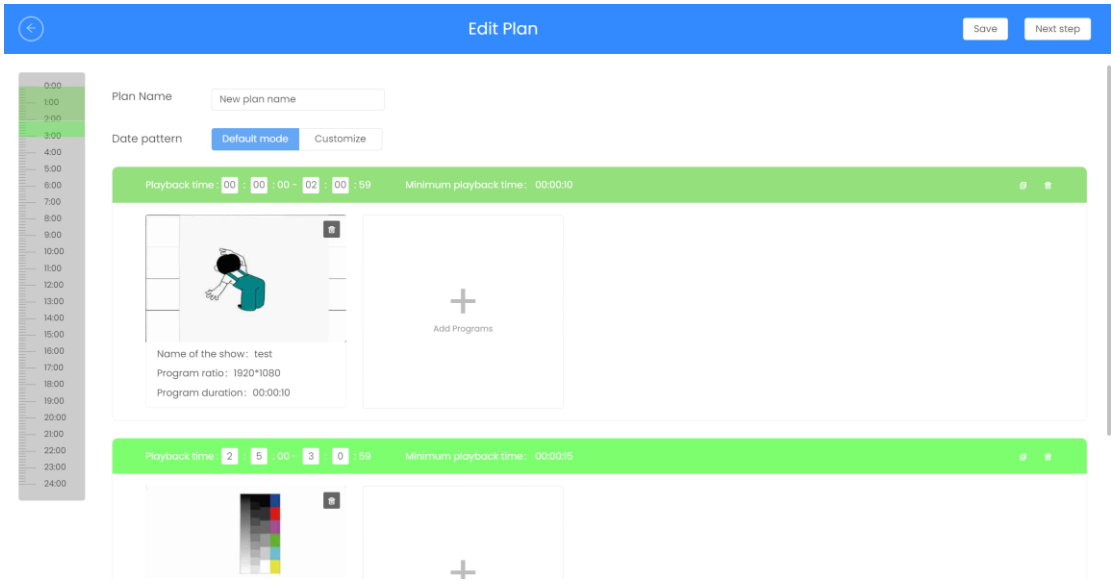
3. Schedule module by default displays [My Plan] data, which includes all the saved playlist schedules under this institution. You can switch the data view by clicking [All Plans]. The [All Plans] data includes all the saved playlist data of this organization and its subordinate organizations.

4. The playlist data displayed in the form supports modification, deletion, preview, release and export operations.



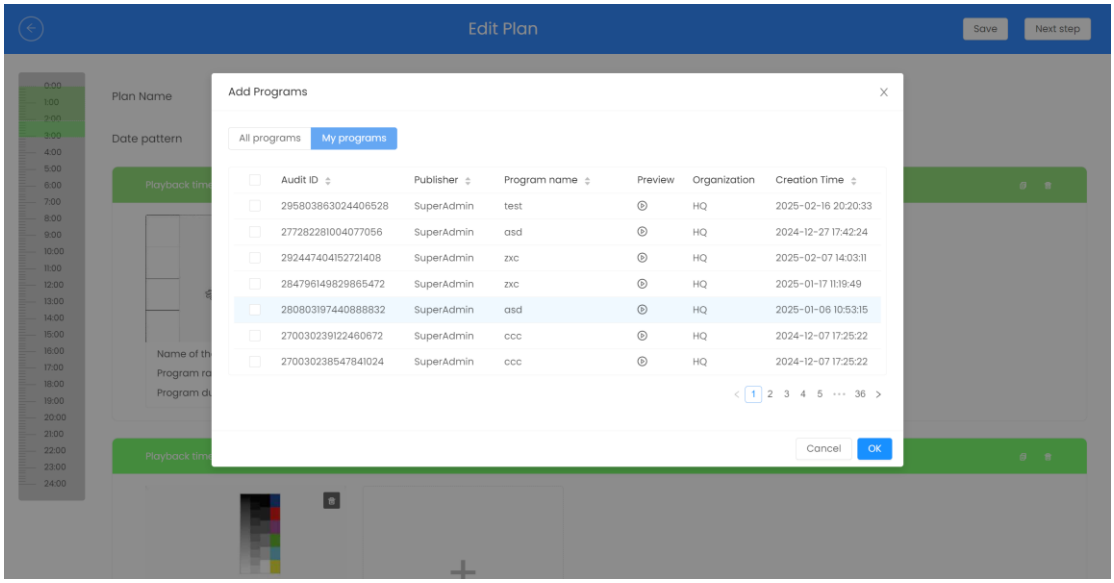
5. Click the ‘New Plan’ button on the upper right corner of the page to jump to the Setup Plan page to save a new schedule:

- Fill in the name of the plan, the system default is ‘New Plan Name’;
- Date mode is divided into default and custom, the default mode is from Monday to Sunday, you can check it freely; custom can set the date segment and playback day, and manually modify the time and the number of date segments;
- Click the ‘Click to add playlist’ card to display the playlist list pop-up window, click the playlist to select the playlists that need to be played in the same time period (multiple selections are allowed).
- After the playlist is selected, the playback time will be the sum of all selected playlists by default, and you can adjust the playback time period of these playlists by dragging the time indicator bar on the left side.



The functions of the playlist list pop-up window are as follows:

- Audit order number, publisher, playlist name, preview, structure, creation time, etc. with sorting function, easy to filter. n Click the ‘Preview’ icon to preview the content of the playlist;
- Click the ‘Preview’ icon to preview the content of the playlist;
- The playlist can be selected either singly or in full;
- Click ‘OK’ after selecting a playlist, and the playlist will be added to the playlist in the order of priority.



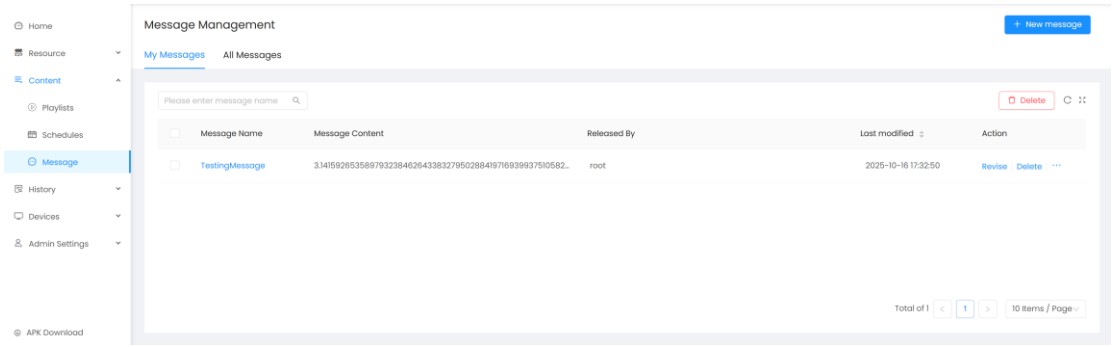
2.8.5 Message

1. Click the navigation [Content Management]-->[Message Management] to enter the message management page.

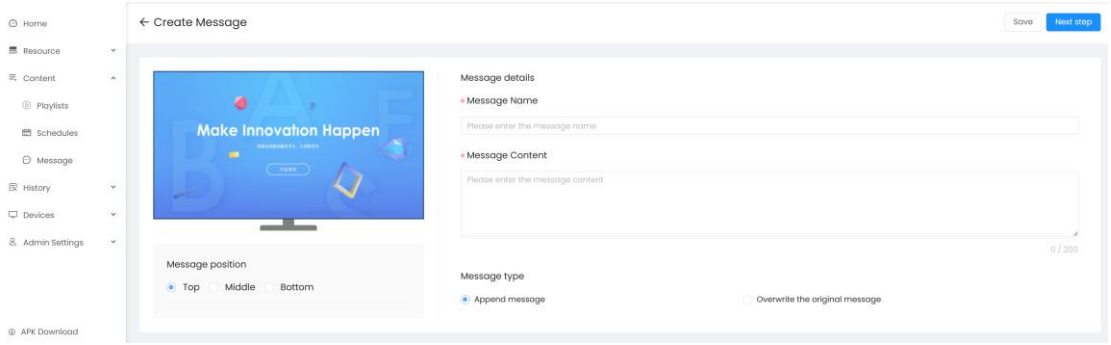
2. Message is a kind of running text prompts sent to the device equipment, the message can be played in the form of running lights in the form of covering the scene being played on the device equipment, usually used for broadcasting instant messages, broadcasting rewards and so on.

3. The default message management shows [My Messages] data, the data range includes all the saved messages under this organization. By clicking [All Messages] you can switch the data view. The [All Messages] data includes all the saved message data of this organization and its subordinate organizations.

4. The playlist data displayed in the form supports modification, deletion, preview and release operations.



5.Click the ‘New Message’ button in the upper right corner of the page to jump to the save message page:



Append message: the device already has a message, add another one on top of it, and allow the device to play multiple messages; the messages are played individually, not at the same time;

Overwrite message: the newly released message will overwrite all the messages stored on the device;

Message style: position of message display, playback speed, single/double screen display, start/end time;

Message format: font size, font color, background color, background transparency and other operations;

Click ‘Save’ to save the message settings after the message is finished, and click ‘Next’ to enter the interface of selecting device for publishing;

2.9 History

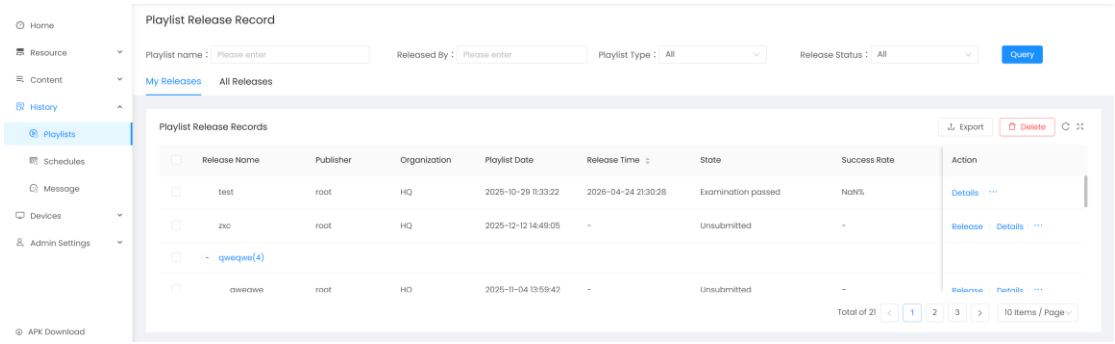
2.9.1 Playlist

1. Click the navigation [Publishing Records]-->[Playlist Release Record] to enter the playlist release records page.

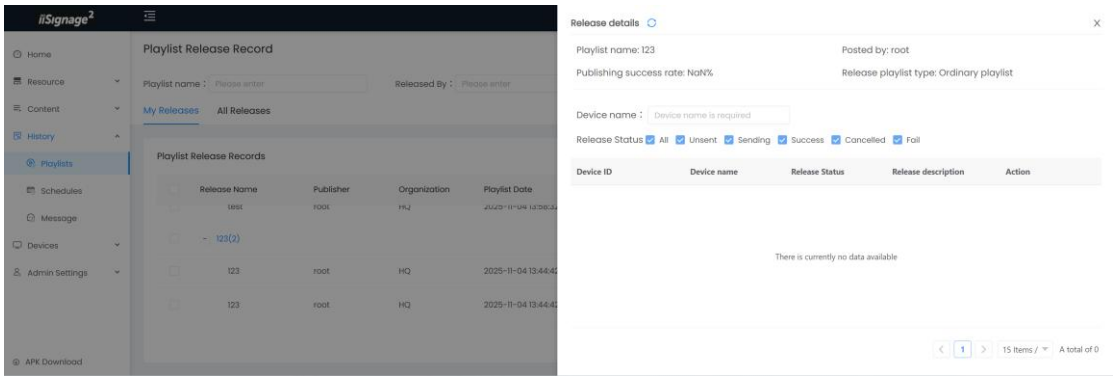
2. Playlist release record page shows [My Releases] module by default, the data scope of this module includes all the playlist release records under this institution. By clicking [All Releases], you can switch the data view. The data in the [All Releases] module includes all the playlist release records issued by this organization and its subordinate organizations.

3. The data in the list of release records will be aggregated by playlist name, and playlists with the same name will be aggregated into one data, and the aggregated playlist release data can be viewed by expanding/closing the operation.

4. Users can ‘Republish’, ‘View Details’, ‘Export’ and ‘Delete’ operations for the playlist release records in the table. Delete’ operation.



5.Click the ‘View’ button in the ‘Status’ column of the table to view the detailed release status and completion of the corresponding release records.



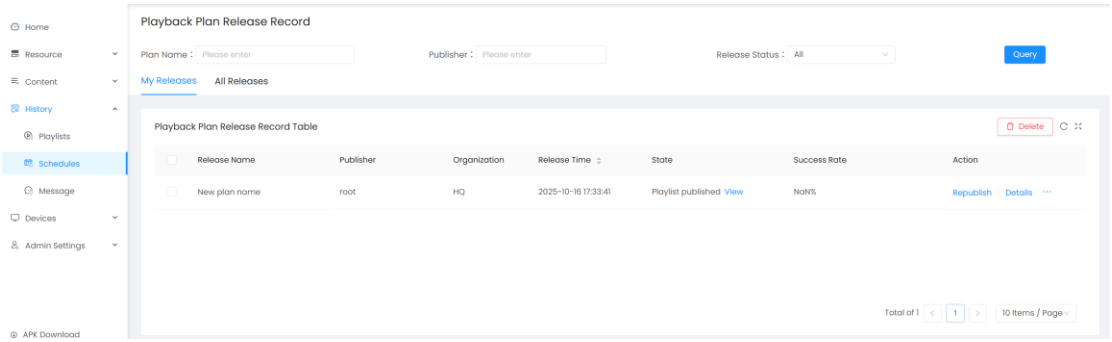
2.9.2 Schedules

1. Click the navigation [Record]-->[Schedules] to enter the schedule release record page.

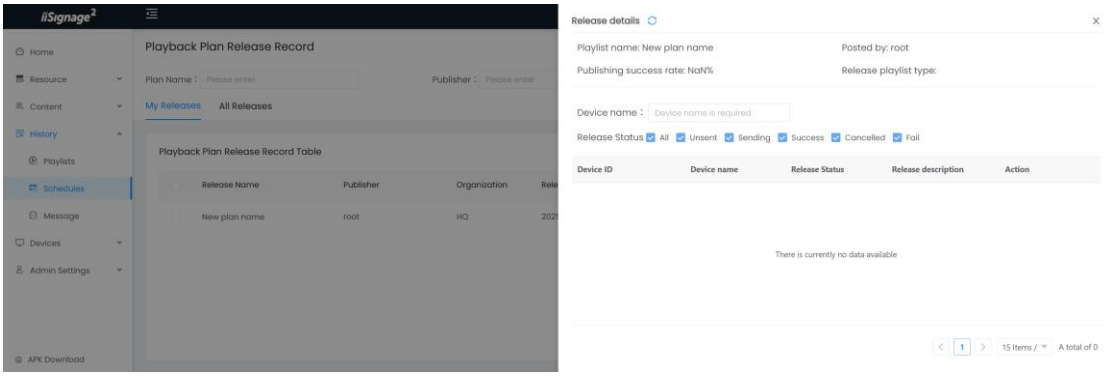
2. The default display of the [My Releases] module is shown on the page of the plan release records, and the data scope of the module includes all the released schedule records under this organization. You can switch the data view by clicking [All Releases], and the data in the [All Releases] module includes all the schedule records issued by this organization and its subordinate organizations.

3. The data in the list of released records will be aggregated by the name of the schedule, and the plans with the same name will be aggregated into a single data, and you can expand/close the operation to view the data of the plan released by the aggregation.

4. Users can ‘Republish’, ‘View Details’, ‘Export’ and ‘Delete’ operations for the playlist release records in the table. Delete’ operation.



5.Click the ‘View’ button in the ‘Status’ column of the table to view the detailed release status and completion of the corresponding release records.



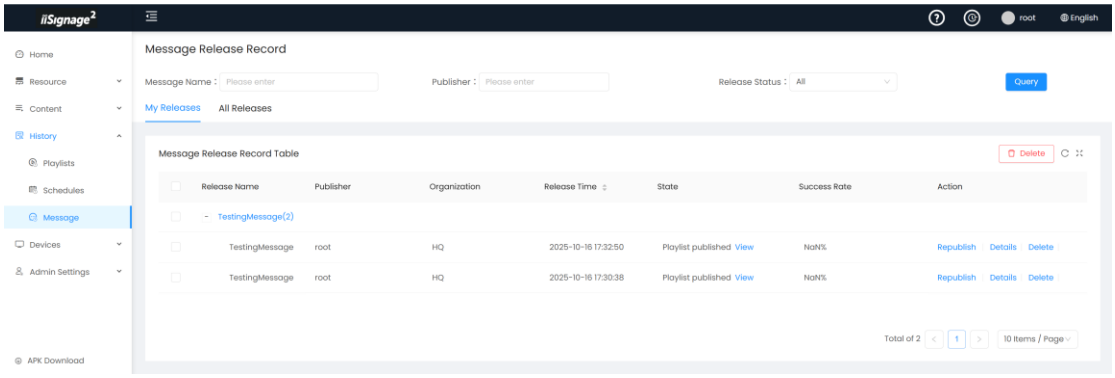
2.9.3 Message

1. Click the navigation [Record]-->[Message] to enter the message release record page.

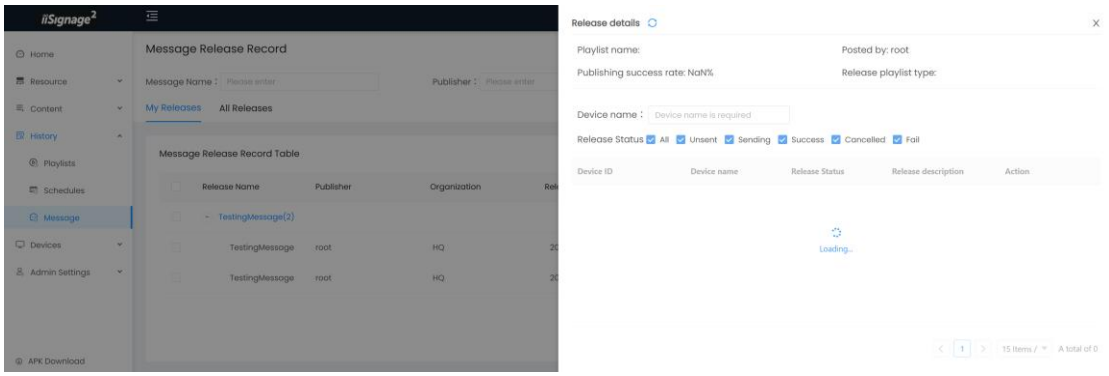
2. The default display of the [My Releases] module is shown on the message release records page, and the data scope of this module includes all the released message records under this organization. By clicking [All Releases], you can switch the data view, and the data in the [All Releases] module includes all the message records issued by this organization and its subordinate organizations.

3. The data in the list of published records will be aggregated by message name, and the message records with the same name will be aggregated into one data, and the aggregated message data can be viewed by expanding/closing the operation.

4. Users can ‘Republish’, ‘view details’ and ‘delete’ the message records in the table.



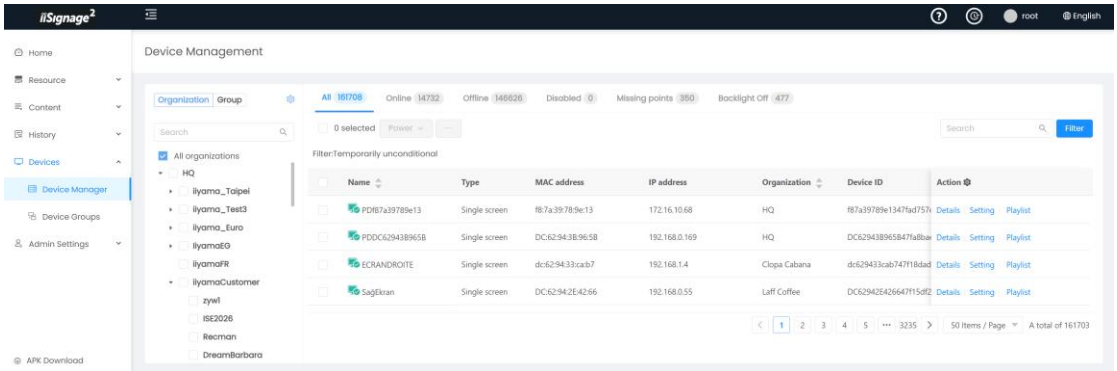
5.Click the 'View' button in the 'Status' column of the table to view the detailed release status and completion of the corresponding release records



2.10 Devices

2.10.1 Management

The management module includes two panels, devices grouping and devices information. Devices can be grouped for management and view and set devices parameters;

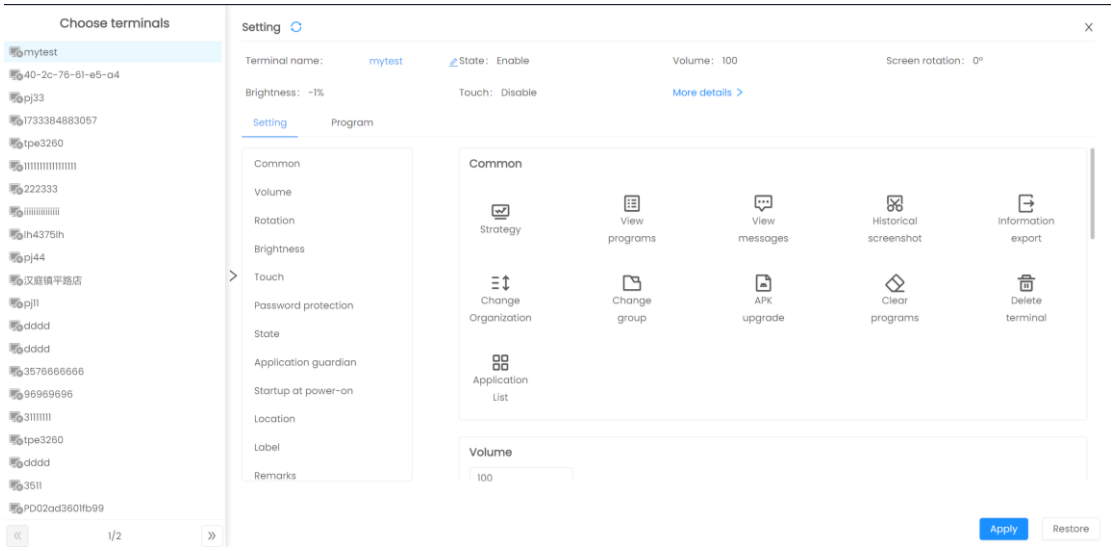


1. Devices grouping: organization list and grouping list, organization list can choose to view the equipment of the current account and the subordinate account belonging to it, and the grouping list can choose the devices of the current account for grouping control (the default display is the devices equipment associated with [my organization]);

2.Devices information: devices operation status, devices parameter setting, search three parts;

- **Devices status:** online, offline, disabled, missing points, hibernation and other states;
- **Search:** support searching devices with fixed tags (IP address, MAC address, devices ID, firmware version, player version) and filtering search;
- **Devices Settings:** Setting devices timer on/off, brightness, sound, deletion of devices playlists and other related parameters;

(1) Each devices in the devices list supports operations including [Settings] [Playlists], select the corresponding devices and click [Settings] to enter the detailed devices setting interface;

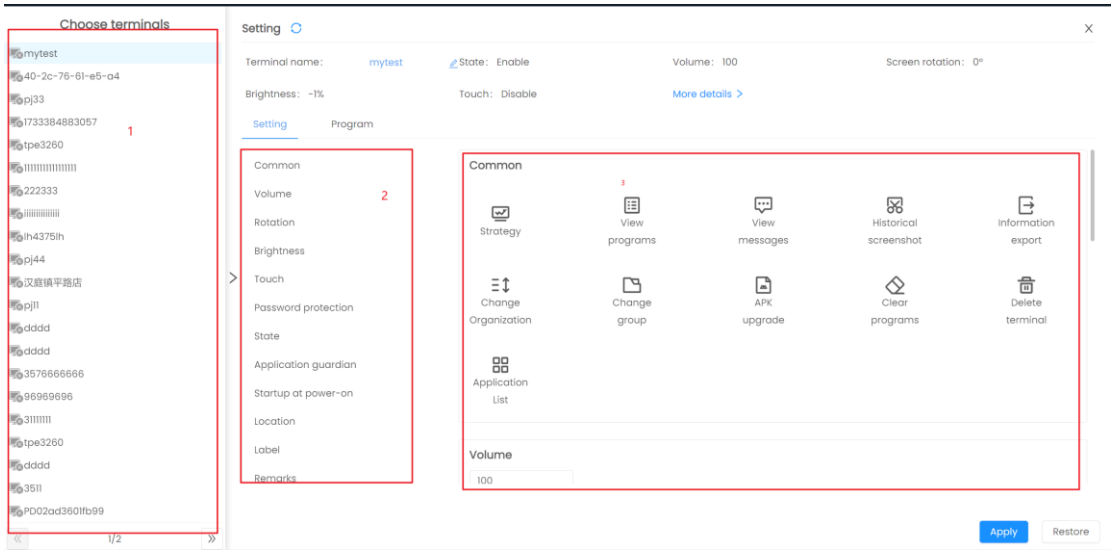


(2) Settings include Setting Page - Devices Status Modification and Playlist Page - Devices Monitoring and Playlist Management. (Streamlined devices list on the left)

(3) Settings list

Settings list	
Common	**Strategy:** set timed and instant parameters, support setting timed switch on/off, timed volume, timed port, timed screenshot; View Playlists: view the playlist playback status of the devices, supporting relevant data such as playlist name, preview, playlist size, playlist duration, playlist type, playback date, today's playback time, publisher, publish time type, status, and so on; **View messages:** view details of released messages, such as: message name, preview, message type, message position, playback speed,

	start/end time, publisher, release time; Historical screenshots: view the details of the records uploaded by devices screenshots, such as real-time screenshots, timed screenshots, and so on; **Message export:** export the information of the selected devices to a local file to automatically generate an EXEL table for viewing; Move organization: move the selected devices to other organizations; **Move group:** move the selected devices to other groups; **APK upgrading:** upload local APK packages and install them remotely at the selected devices; Empty playlist: delete all playlist files of the selected devices; **Delete devices:** delete the selected devices from the information distribution system platform and disconnect the device;
Power	Power on, wake up, sleep, restart
Volume	Set volume value: 0-100
Rotation	Set devices screen orientation: 0, 90, 180, 270
Brightness	Set screen brightness value: 0-100
Touch	Set screen touch on or off
Password protection	Set devices software password protection, enable or disable
Status	Enable/disable the devices device remotely, after the device is disabled, the playlist cannot be played.
Application Guard	After opening, after 30s of no operation in the non-guarded application interface, the guarded application/channel will be automatically opened and switched to the front display.
Startup	Remotely send the application/channel setting commands that start by default when the devices is switched on.
Geolocation	Obtain the current geographic location of the devices or remotely send the setting of the devices location.
Tags/Remarks	Customize devices label information, users can do label classification, quick search and find.



(4）Playlists(Devices monitoring and playlist management)

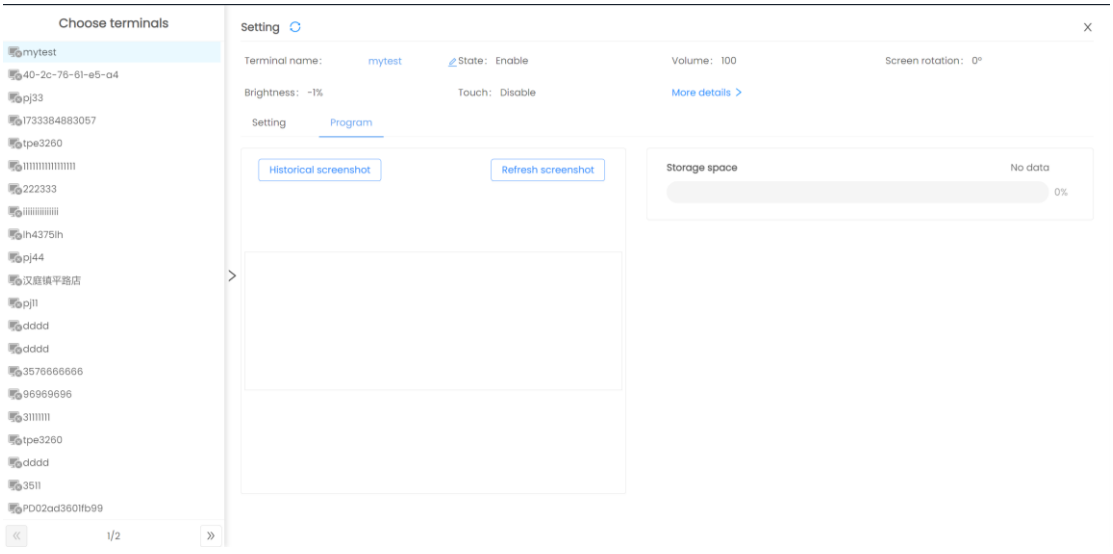
The playlist page displays the list of current screenshots, historical screenshots, storage space and playlist messages of the corresponding devices.

Playlist messages:

1. displays the playlists/messages being played and to be played on the current devices;

2. supports deleting a single playlist or clearing all playlists. 3;

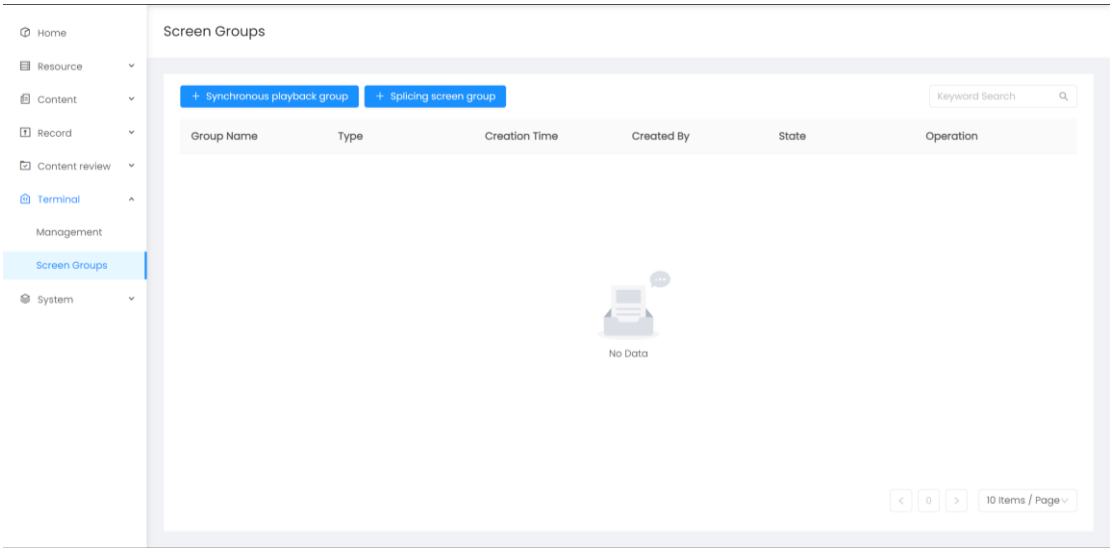
3. support specifying playlists to be played;



2.10.2 Device Groups

The device group module supports to form a device group with multiple advertising machine devices belonging to the same network, we can play the content to be played on these screens in

a uniform progress, or cut the content into multiple copies to realize multiple screens videowall a content playback.

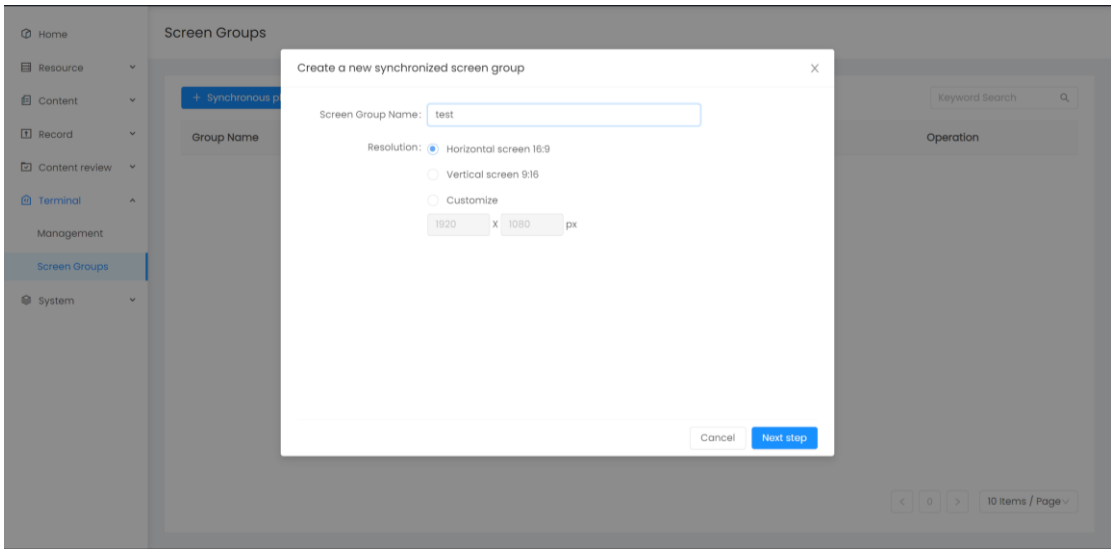


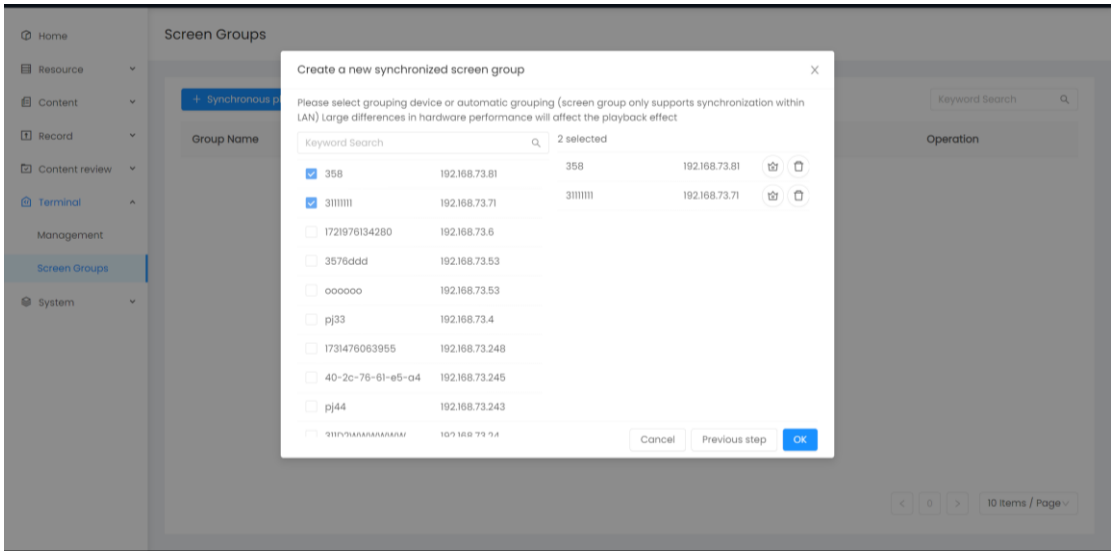
Creating Synchronized playback groups:

1. click to create a synchronized screen group, enter the name of the screen group and the screen ratio and then click on the next step

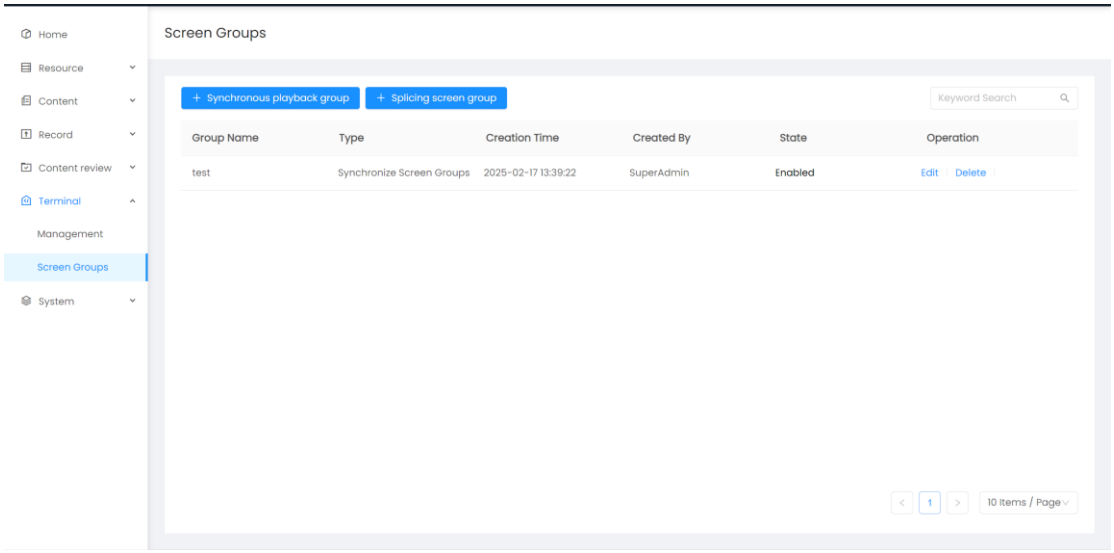
2. Select the devices that need to synchronize the playback of content to form a screen group, select one to be the host device

3. Confirm that the selection is complete to create a synchronized screen group





After completing the creation, you can see all the created SyncPlay groups in the Group Management page.

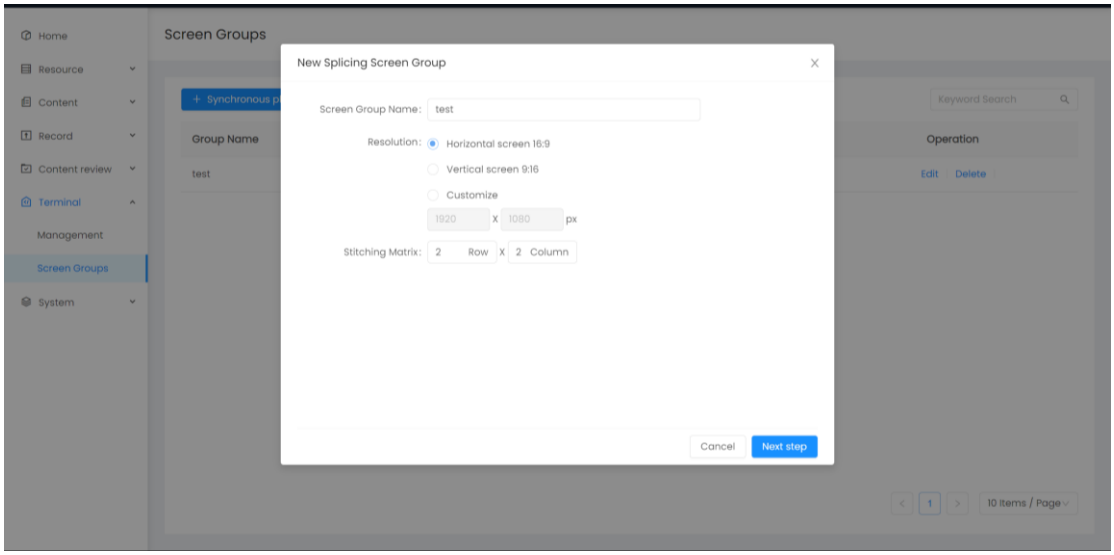


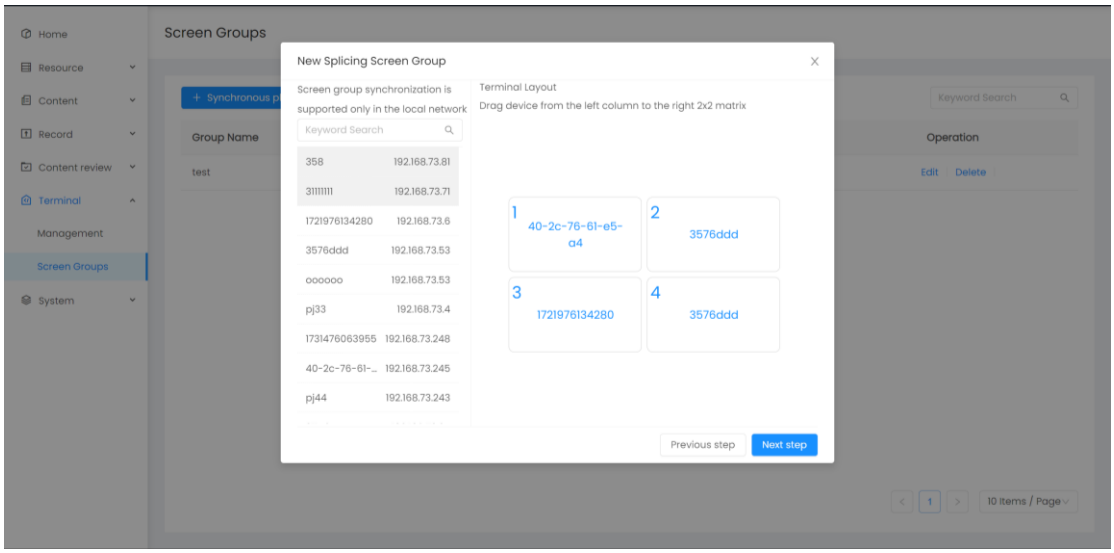
Creating Videowall Screen Groups:

1、 click to create a videowall screen group, enter the name of the screen group and the screen ratio and screen splicing form after clicking on the next step

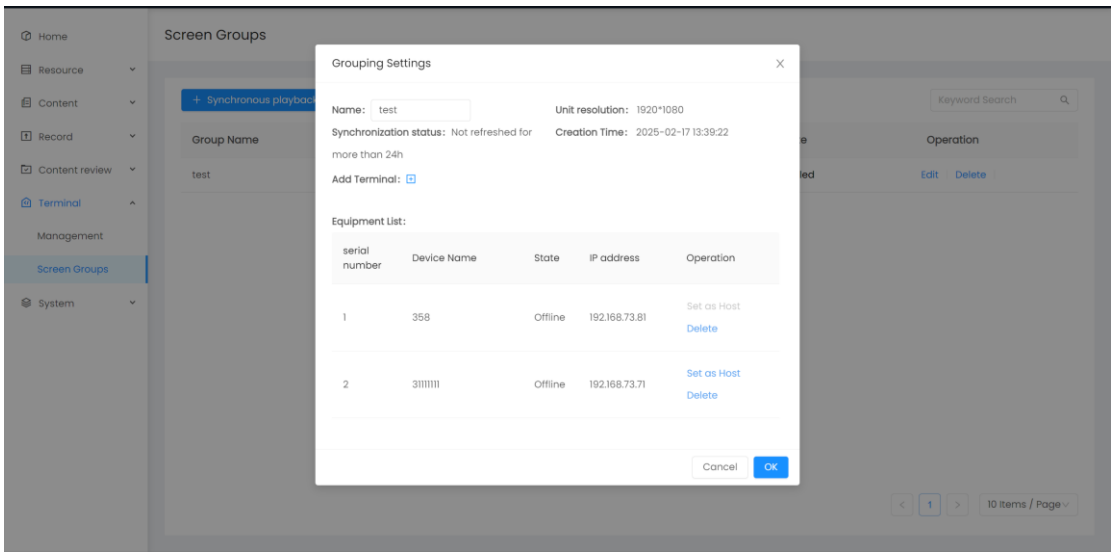
2、 select the need for content videowall and playback of the device will be composed of screen groups, set the location of each device in the videowall screen group, and then select one of the devices host equipment

3、 confirm the completion of the selection can create a videowall screen group





Click the “Edit” button of the screen group to adjust the status of the devices in the screen group, switch hosts and other operations.



Notes on Sync Playback Group:

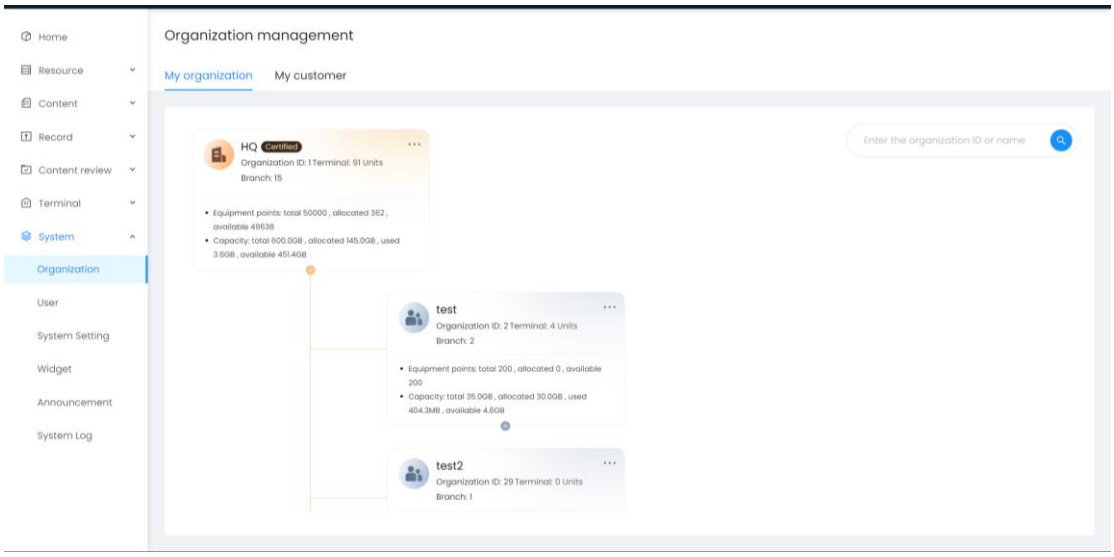
- Use the same model for synchronous playback, the synchronization effect will be better.
- During synchronized playback, there will be a slight difference in sound between different devices, but there will not be too much of a sense of contradiction. When Playing 4K video, the synchronized effect will be better.
- Playing 4K video, the synchronization effect is not as good as 2K video, and the delay is about 1 second.
- When the device is playing a sync playlist, a new sync playlist is sent down from the background, which will disturb the sync effect of the device, and the sync playback effect will be restored when the device finishes receiving the new playlist (about 8 seconds).

2.11 Admin Settings

2.11.1 Organization

[Organization] consists of two parts: My Organization and My Customers;

System-oriented user body for the enterprise, all the data generated in the system to the enterprise as a carrier and boundary, the data between different enterprises are independent of each other, not interoperable. The organizational structure and hierarchical relationships within the enterprise are managed by the enterprise administrator himself. Among them, the role is also defined by the user himself, each enterprise can define a number of different roles according to the different functional scope.



1.Creating an organization operation steps:

(1) expand the agency to expand the first level is to expand the first level of all sub-agencies of the agency, the other levels of the agency for the stowed state; expand the second level, expand the third level, and so on.

(2) Click a sub-institution of the upper right corner of the operation button, there will be six functional items, respectively, to add a sub-institution, edit, move, new users, view users, delete;

- Add sub-institution: add a sub-institution;
- Edit: modify the name of the organization;
- Move: move the organization to another organization;
- New user: to jump to the new user page;
- View User: enter the user management page, displaying the user information;
- Delete: delete the organization and all the devices under the organization will be allocated to the higher level organization;

3) Assign points to the corresponding sub-agency;

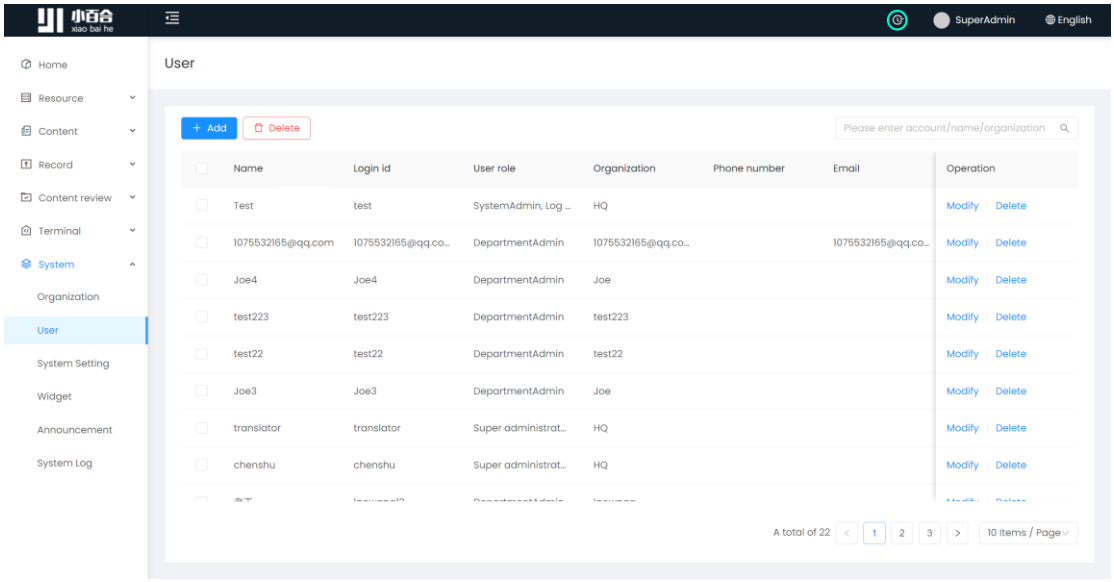
- Device points: the total number of devices that can be managed by the organization in total;
- Allocated: the number of devices that can be managed by the agency allocated to its sub-agencies;
- Available: the number of devices that can be managed by the organization after the allocation of points;

Steps:

a. Click the New button to enter the interface of creating an organization;
b. Fill in the account name and password information, password mode can be divided into simple mode and complex mode;
c. After the input is completed, click to confirm the creation of success and jump to the My Clients page for viewing;

2.11.2 User

Click System-->User in the menu bar to enter the user management page; the user list displays the user's related information, and there are sorting functions for account number, name and modification time; enter the account number or name in the search box, and then click ‘Search’ to search for related user information.



1. Steps for creating an organization:

a. Click the New button to enter the user creation interface;

b. Fill in the account name and password information, select the organization to which you belong and the role to which you belong;

c. When the input is complete, click to confirm the success of the creation and jump to the user management page for viewing;

2. belonging to the role permissions

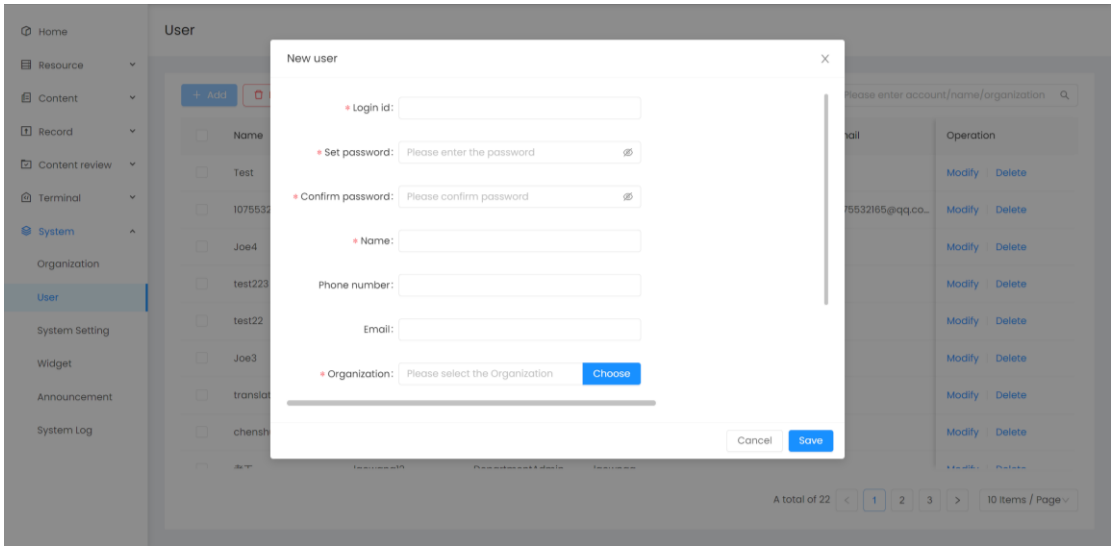
Role indicates that the user (account) in the organization to which it belongs to have how the management rights, a user can have multiple roles.

Login with root and the organization hierarchy is as follows:

Roles	Affiliated Organizations	Management rights	User creation
Enterprise Administrator	Enterprise Department	All management rights of all enterprises, with audit, production, files, device rights	System administrators and enterprise administrators can create
Enterprise Audit Administrator	Enterprise Department	Auditing rights for the content of the enterprise	System administrators and enterprise administrators can create
Enterprise Production Administrator	Enterprise Department	Files use and content management privileges of the affiliated enterprises	System administrators and enterprise administrators can create
Enterprise Files Administrator	Enterprise Department	Files management rights of the enterprise	System administrators and enterprise administrators can create

Enterprise Device Administrator	Enterprise Department	Device management privileges of the subordinate enterprises	System administrators and enterprise administrators can create
Departmental Administrator	Department	All management rights of all departments, with audit, production, files, device rights	System administrators, enterprise administrators, and department administrators can create
Departmental Audit Administrator	Department	Auditing rights of the content of the subordinate department	System administrators, enterprise administrators, and department administrators can create
Departmental Production Administrators	Department	Files usage and content management rights of the department under the company	System administrators, enterprise administrators, and department administrators can create
Departmental Files Administrators	Department	Files management rights of the department	System administrators, enterprise administrators, and department administrators can create
Departmental Device Administrators	Department	Device management rights of the department	System administrators, enterprise administrators, and department administrators can create
Notes: The role determines the use of permissions, the organization to which it belongs determines the scope of permissions. When roles are stacked, the corresponding permissions are also stacked (e.g., the combination of departmental producer + departmental auditor, the permissions are stacked).			

2. Modify, delete user information



a. Each user can be modified or deleted. Click on the ‘Modify’ icon to modify the user's name, password, etc. After modification, click ‘Save’.

b. By clicking the ‘Delete’ icon, the account information is deleted and the user does not exist in the organization.

2.11.3 System Log

The list of system logs on the [System Log] page contains records of the date of operation, function modules, log details, operation results, operators, and other information during the use of the system by the user.

