iLEDCloud multi-media information release platform

User manual

Version information

Version	Writer	Comment
V2016.11.30	唐倩	Hardware and software environment, and firmware update.
V2017.02.14	唐倩	Added statement for bar code on controllers and the way to add screens automatically.
V2017.05.11	唐倩	1. Adjusted the process of program releasing. 2. Improved creating program function. 3. Supported changes of properties after supporting 6Q. 4. Supported table materials for rich picture-text zone, and picture-text zone. 5. Deleted picture zone and text zone, and added live broadcast zone. 6. Supported to add material in program editing page. 7. Added announcement management. 8. Added notice management. 9. Check quick guide and user manual in user center. 10. Added password retrieve link in login page. 11. Added platform language choices.
V2017.06.23	唐倩	1.Updated UI design for the platform. 2.Added phone quick login function. 3.Added verification function for new releasing programs. 4.Added login notice function.
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V2017.12.28	唐倩	1. Supplemented screen management interface content and added

		camera function description 2. Updated Program edit interface UI 3. Added non gray scale program preview switching function 4. Added Billing interface 5. Supplemented forward service content
V2018.06.24	陈惠杰、唐倩、万怿康	1. Update of log in, register, forget the passwords 2. Update of screen management 3. Add time zone function 4. Add checking page of screen 5. Checking function of the models which support materials management 6. Support releasing playing list on creating programs page 7. Update of programs releasing guiding 8. Add bulletin management 9. Add users function in users managements 10. Add coupon page 11. Add “real name authentication” function
V2018.10.24	陈惠杰、唐倩	1. Add self-adaption function 2. Support UTC time 3. Add transferring screen function
V2019.01.18	陈惠杰、唐倩	1. Adjustment on “real name authentication” 2. Support paying by PayPal 3. Support Pre setting program 4. Private account can be upgraded to Enterprise account 5. Function of releasing area 6. Delete materials 7. Support video transcoding 8. Support merging cells function
v2019.05.23	陈惠杰、	1. Add iLEDCloud simple version

	唐倩、姚朱依	2. Add Colorful font zone 3. Update of programs releasing guiding
V2019.10.30	陈惠杰、唐倩	1. add combination material function 2. add SDK 3. synchronous combination function
V2020.07.29	陈惠杰、盛龚豪、唐倩	1. Screen management supports: live source URL, sensor data pass back, unified setting, batch on/off timing and batch setting screen position 2. Adjustment for real name authentication 3. Trajectory tracking function 4. Monitoring function 5. API zone

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1 Instruction

1.1 Application

This user manual is used for iLEDCloud platform instruction and the solution for the FAQ.

1.2 Background

iLEDCloud made by Suzhou iLEDCloud Media technology co.,Ltd (shanghai ONBON wholly-owned subsidiaries)is a good solution for how to display manage program quickly to the LED display screen ,this platform can manage and share all program from anywhere. it is also one high efficient ,fast and cluster LED advertisement publish platform.

1.3 Term definition

Item	Acronym	Definition	Full English name	Chinese name
1	PID	LED multi-media product ID	Product ID	产品识别号

1.4 documents reference

Item	Documents name	Writer	Version	mark
1	iLEDCloud fast guide user manual	陆志清、唐倩	v2017.05.15	

2 Platform summary

2.1 Target

The target of our platform is to manage and update programs on LED screens quickly.

2.2 Function

Our platform has powerful program editing function that users can customize programs anytime anywhere. All the materials, screens and programs can be managed and shared efficiently.

2.3 Capability

Our platform applies distributed design to provide elastic expansion effect.

3 Operating environment

Before use the iLEDCloud, users should connect the LED multi-media device to the local LAN, set the device IP and WEB mode to obtain the device ID. all the above operation need PC software from ONBON Technology.

3.1 Hardware

This platform must run from the computer with no less than 2G storage ,CPU model must be higher than the i3-3220 ,and connect to the internet.

3.2 Software

This platform can run with any computer system ,but user must install the Google Chrome ,version must be higher than 45.0 ,or use the FireFox ,version must be higher than 30.0.

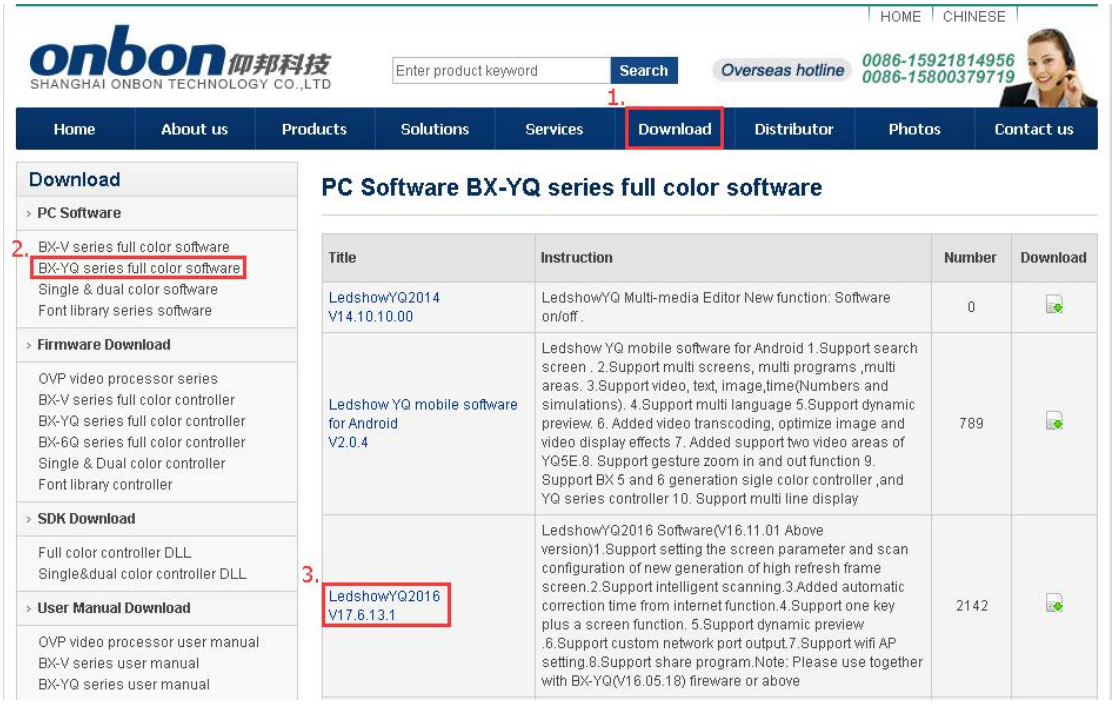
4 Preparation

Before use the iLEDCloud, users should connect the LED multi-media device to the local LAN, set the device IP and WEB mode to obtain the device ID. all the above operation need PC software from ONBON Technology.

4.1 Install the PC software

4.1.1 Download PC software

Users need download software from **http://www.onbonbx.com/**， download BX-YQ full color software if use YQ or Y series controller, and download the software after 18.9.29.1. If use the 6th generation controller ,should download LedshowTW software, download the software after 18.10.19.0 (ps : this software only can run with the windows system)



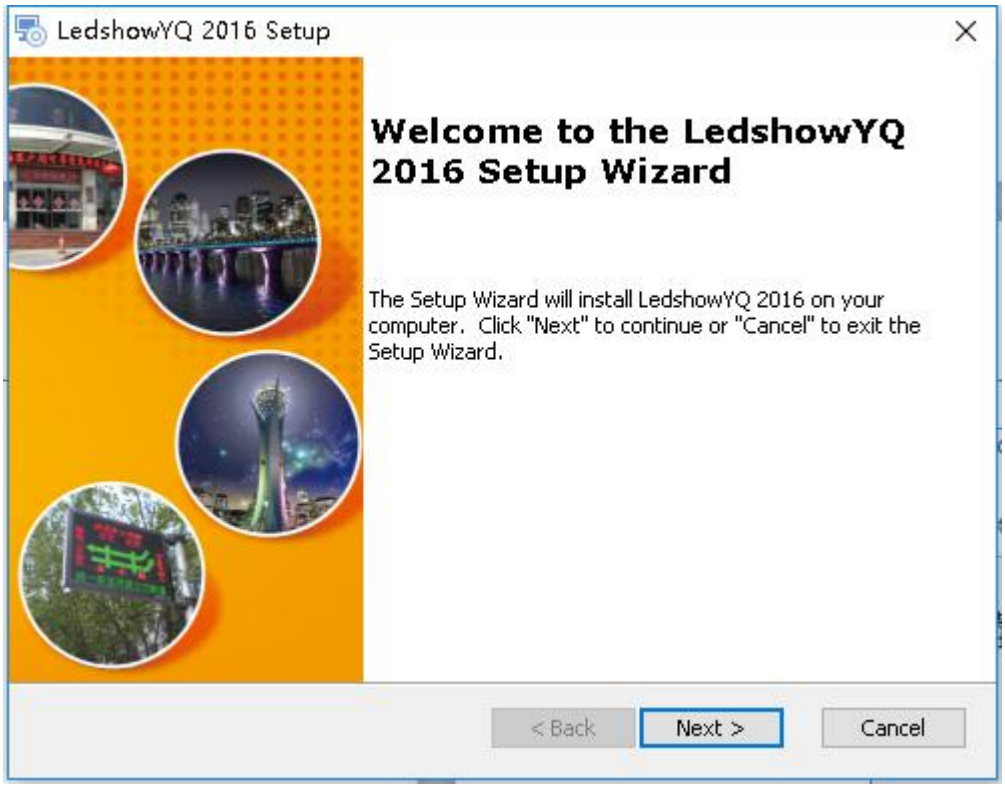
picture 4.1- 1 YQ software download page

picture 4.1-2 6Q software download page

4.1.2 install the software

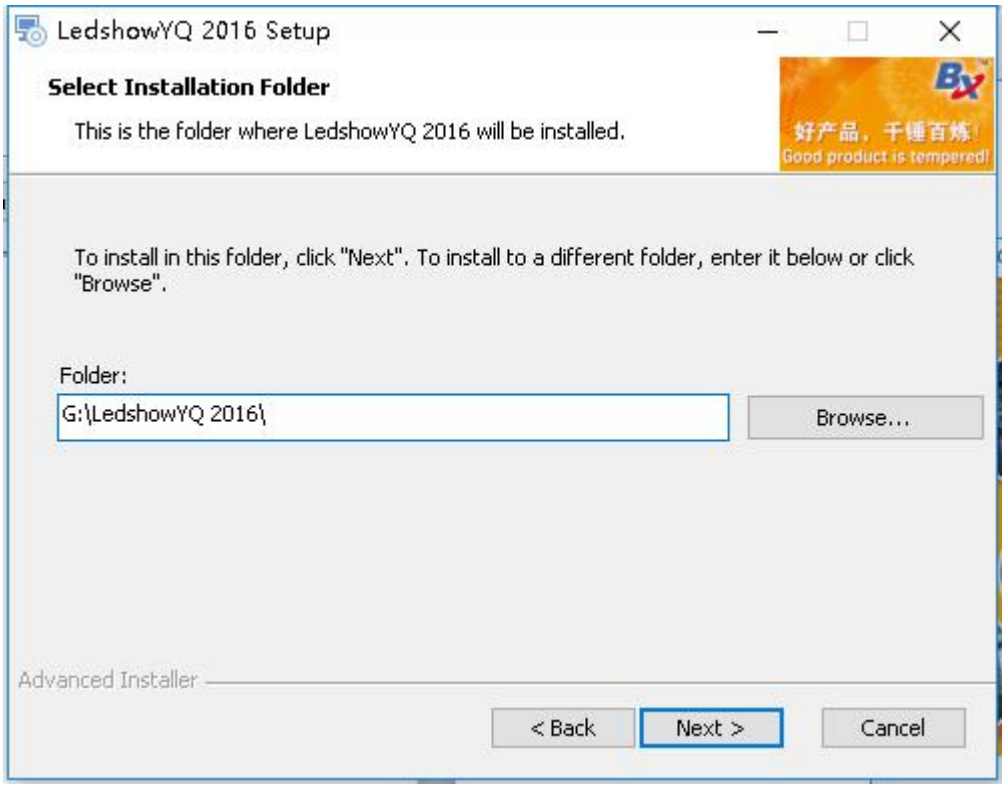
1. Zip the software and running it ,select the language as English is ok

picture 4.1-3 select the language



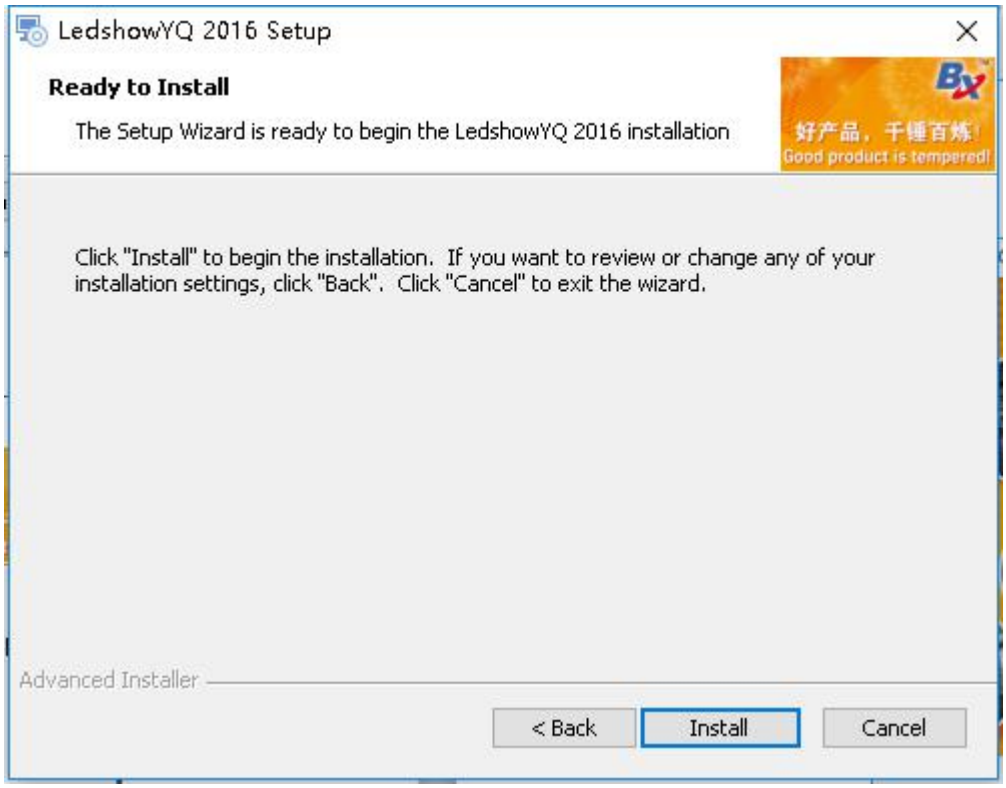
picture 4.1-4 installation guide

2. Select the folder installation path



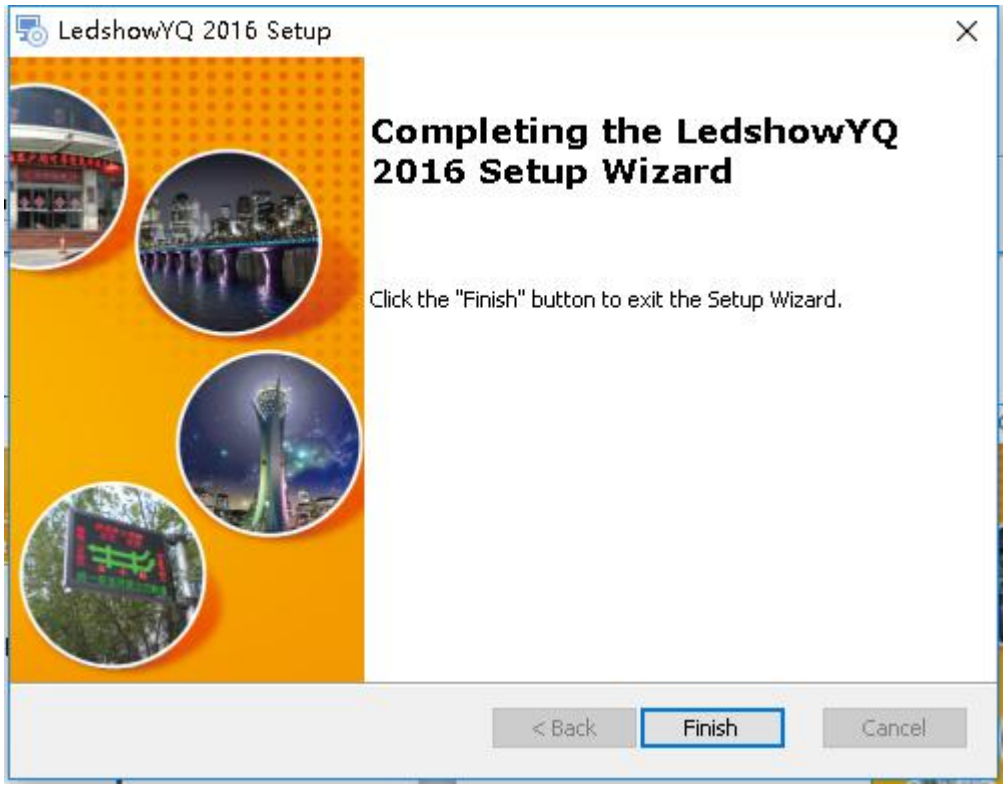
picture 4.1-5 install the installation path

3. Click to install



picture 4.1-6 prepare to install

4. Finish the installation



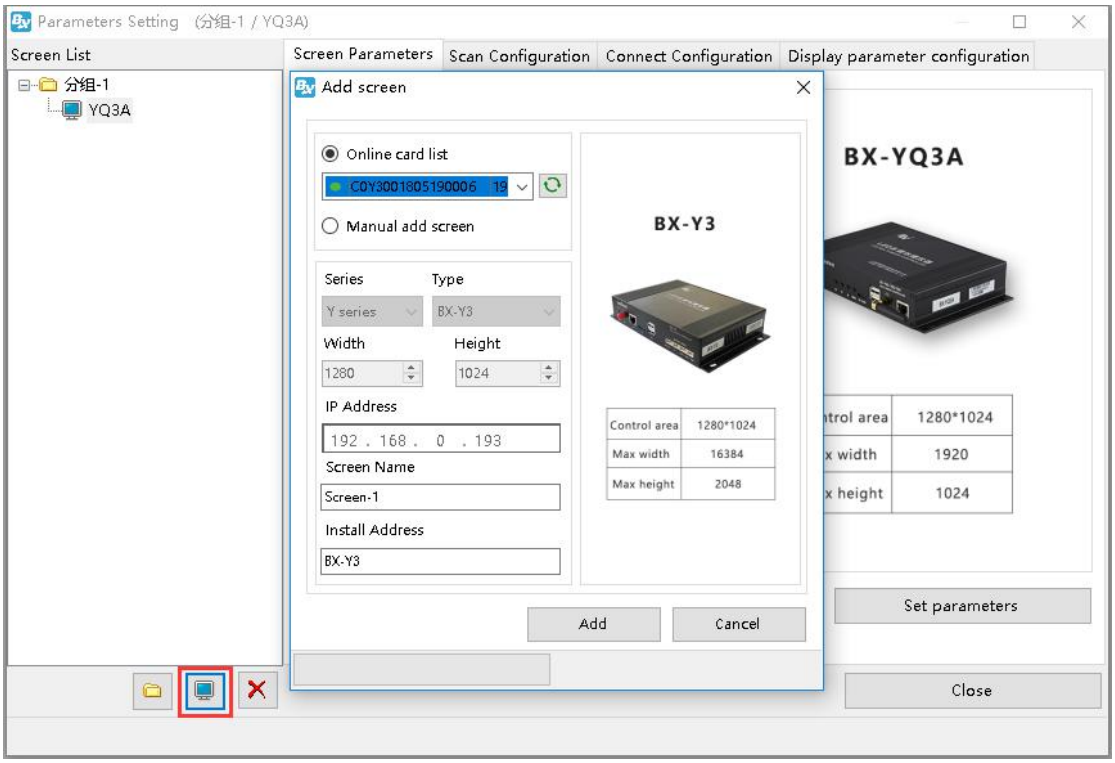
picture 4.1-7 finish

4.2 set the device parameters

After install the software, pls connect the multi-media player to the power ,connect with the same LAN with the computer which have been install the software , pls make sure the device and computer is in the same network segment ,then can obtain the device parameters by the software.

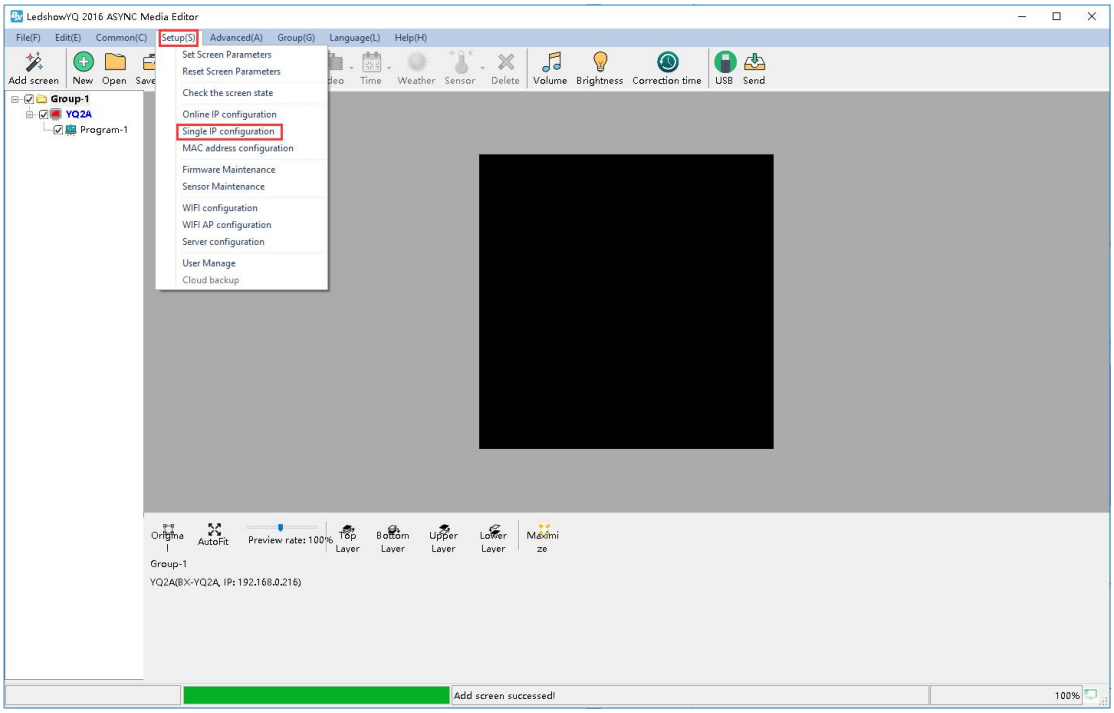
4.2.1 Use WEB mode from the YQ software

1. Open LedshowYQ software ,click “setup -- “set screen parameters ”-- “add screen”-- “list of online controllers ”--and select the screens you want to add, then click “add”

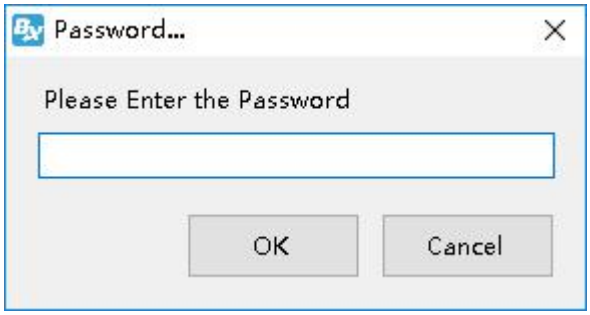


picture 4.2- 1 Add screen

2. after add the screen like in the picture 4.2- 2,click the IP configuration ,input the password 888

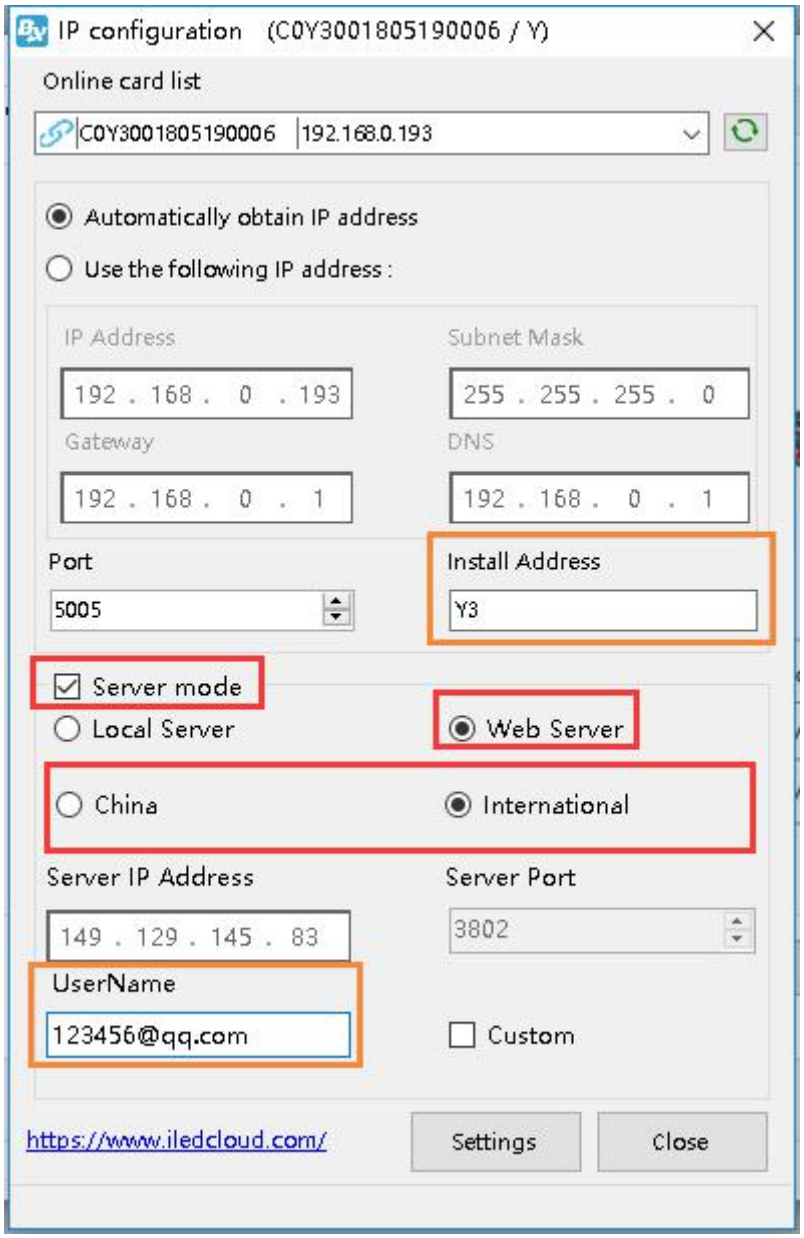


picture 4.2-2



picture 4.2-3 input password

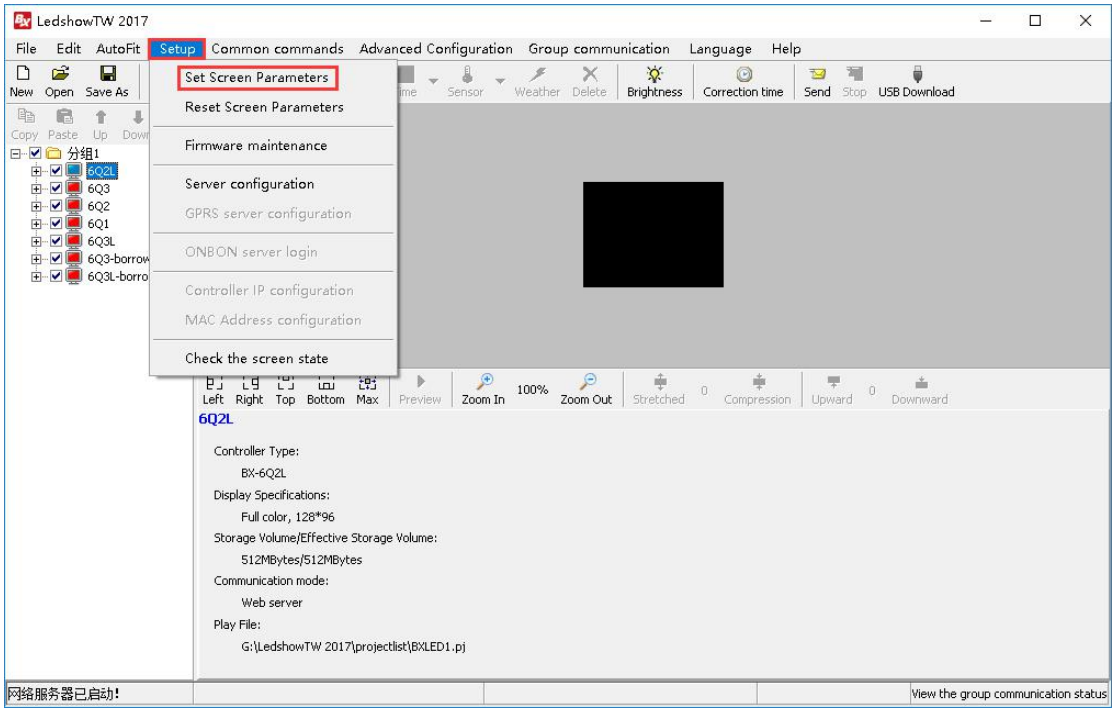
3. In IP configuration page of controller, users can modify the device IP (suggest you to use “Automatically obtain IP address”) and select the “server configuration” select WEB server ,overseas customers please choose “International station”, if user write “user name”(the mail or mobile phone number when used to log in)and the ”installing Address”(customized by screen name)like in picture 4.2-4 then click” settings”(PS: Please make sure current that LAN only connect with one device when use the single IP setting),when this controller connect with network, the controller will automatically add the corresponding user name ,no need manual setting.



picture 4.2-4

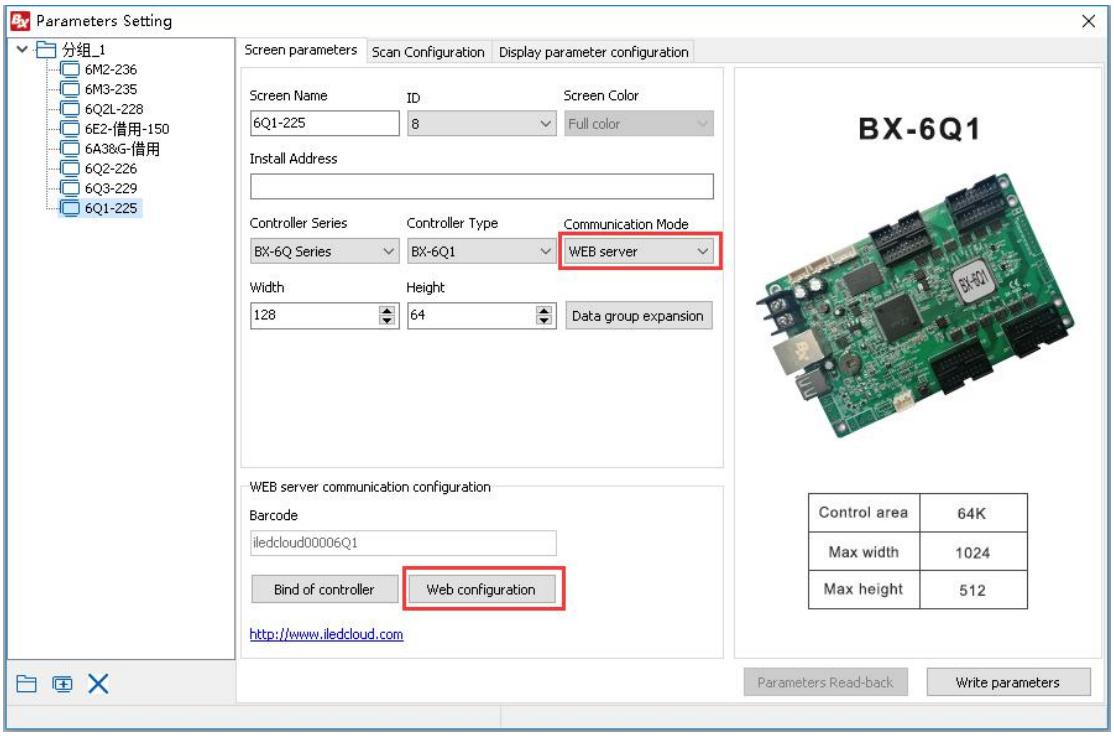
4.2.2 Use the WEB mode from TW software

1. Open the TW software, click setup to set screen parameters



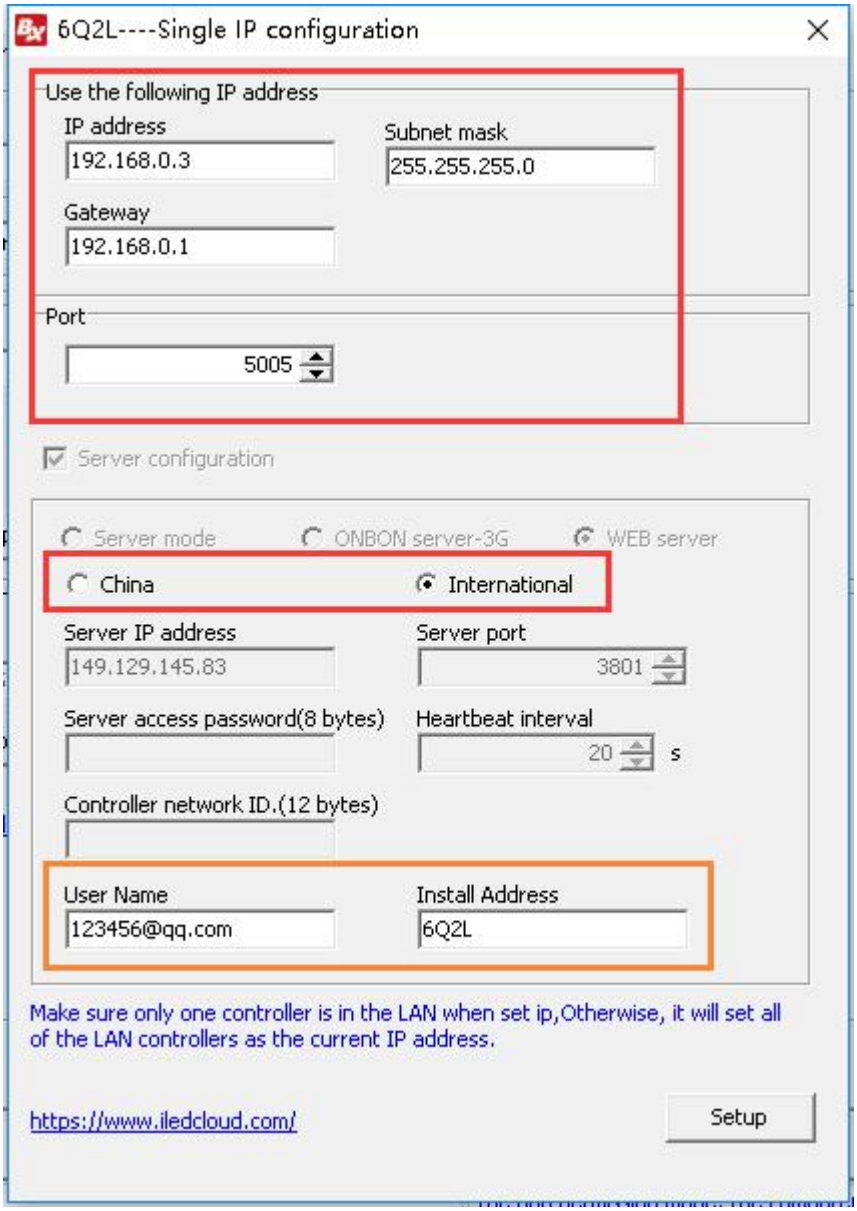
picture 4.2-5

2. Select the controller model ,communication mode should be web server ,



picture 4.2-6

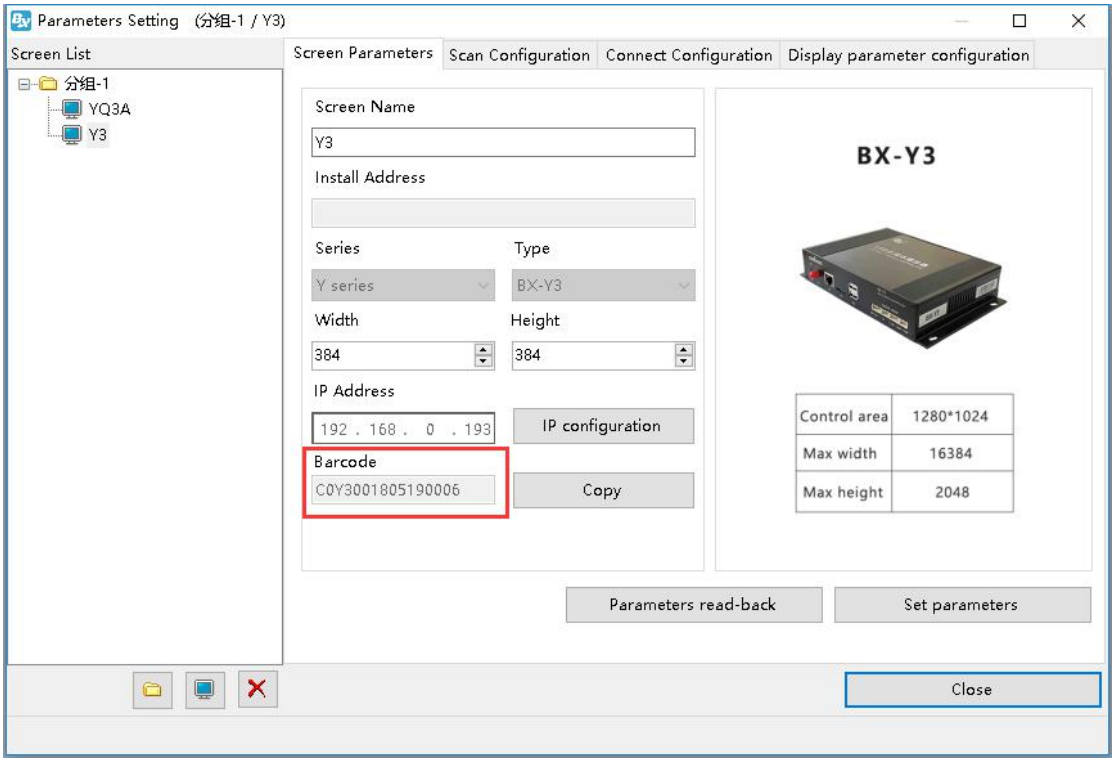
3. Click WEB,write the IP information , international users please select “International”,and then click “setup”.(the LAN only can connect with one device when setup)



picture 4.2-7

4.2.3 Obtain controller ID or bar code

In the YQ software--setup the screen parameters, users can obtain the bar code, Like in the picture 4.2-8. On the side of controller also have the bar code ,if user can obtain the ID and bar code by YQ software ,then can priority to use the bar code when add screen .if user only can obtain the ID, then need input the ID when add screen.



picture 4.2- 8 obtain PID

6 series controller bar code can check from picture 4.2- 9

picture 4.2- 9 6 series controller bar code

5 Platform instruction

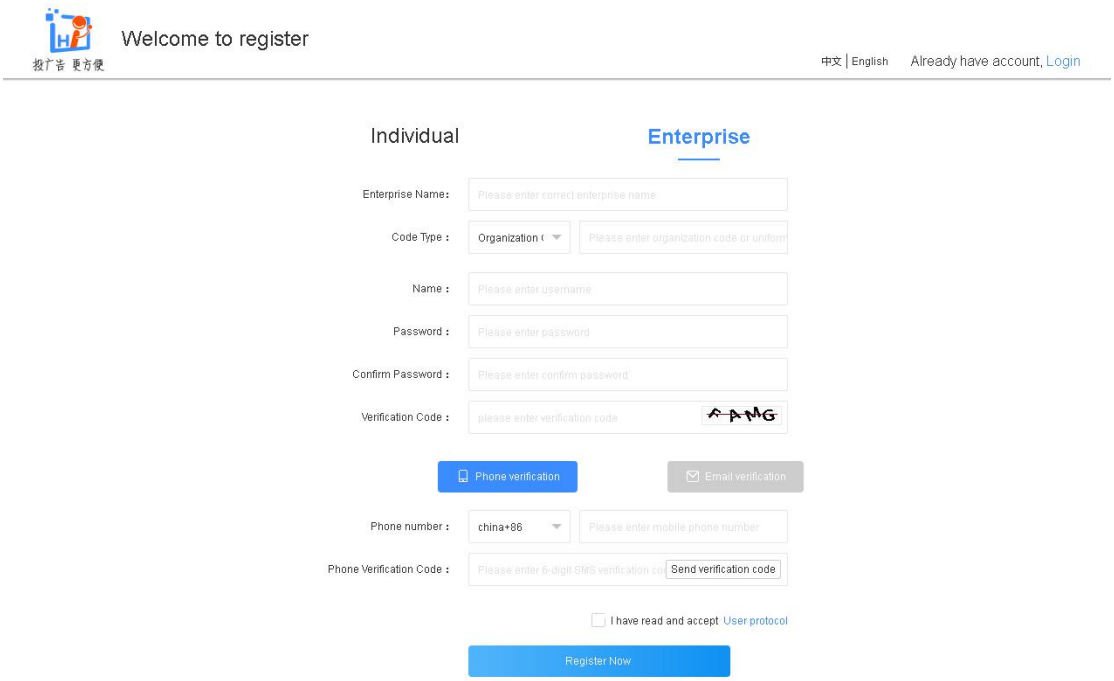
5.1 Register

Pls use Google or Foxfire explore to log in the http://www.iledcloud.com , log into the platform after click the log in or register.

picture 5.1- 1 open the platform

5.1.1 Register

User can register according to requirement for enterprise or individual, like in the picture 5.1- 2



picture 5.1-2

1. Enterprise user

Enterprise Users can use phone number or mail to register from this platform. Enterprises registered users need to fill in company name, organizing institution code, and if you registered by mobile phone number or email, you will receive a dynamic verification code, after verification, can use phone number or email to log in.

After registration, the role of enterprise user is the business administrator. There are 6 functions: program management, bulletin management, resource management, system management, paid service and space&flow management. Program management function is mainly to edit program, such as program production, program review, playlists, program review, issue and automatic release task. Bulletin management is to create and edit bulletin, it is divided into three parts: edit bulletin, audit bulletin and release bulletin. Resource management is mainly used for modify the screen and material, including the material management and administration of the screen. System management is mainly used for the user's organization and modify the permissions, including subdivided into user management, organization management, rights management and log management role. Paid service is divided into: package&service, orders management, discount coupon. Space&Flow management is divided into: capacity management,flow management and

space allocation.

Enterprise users, refers to the business administrator, can independently add new users (do not need to register through the platform's way), but can modify the organization role permission, default roles such like: business administrator, program designing, program assessor and publisher .

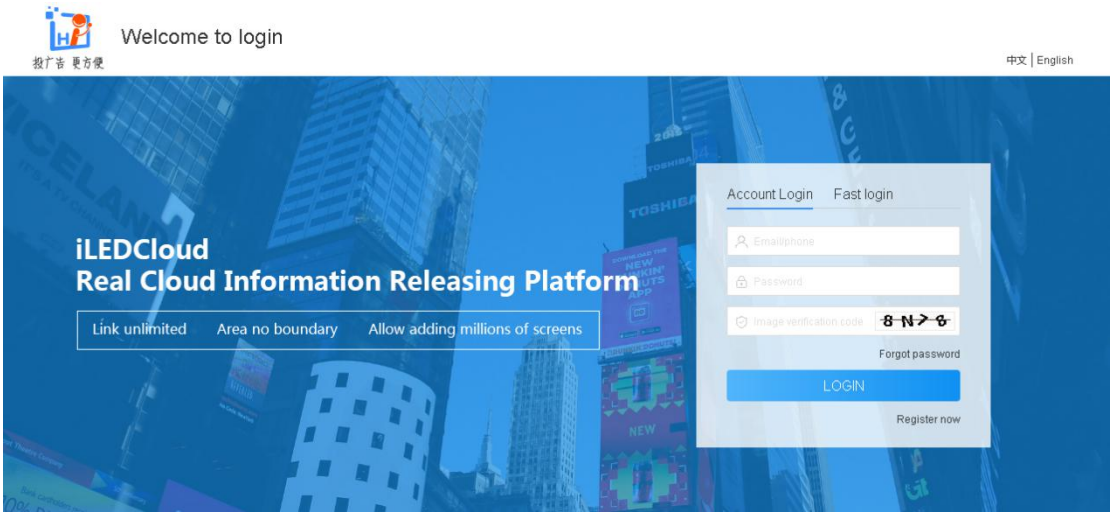
2. Individual user

Individual users can register by a mobile phone number and email. Using a mobile phone number or email address for registered, at the time of registration must provide personal phone number and email address, this platform will send dynamic verification code to verify, after complete the verification, user can use their phones number or email address to log in .

There are 6 functions: program management, bulletin management, resource management, system management, paid service and space&flow management in individual user. Individual user program management and resource management function is same to enterprise users , but individual users in the system management only have log management, no user management, organization management and role authorization management. Individual users can only view the user operation record, can’t do any other operations on their own account.

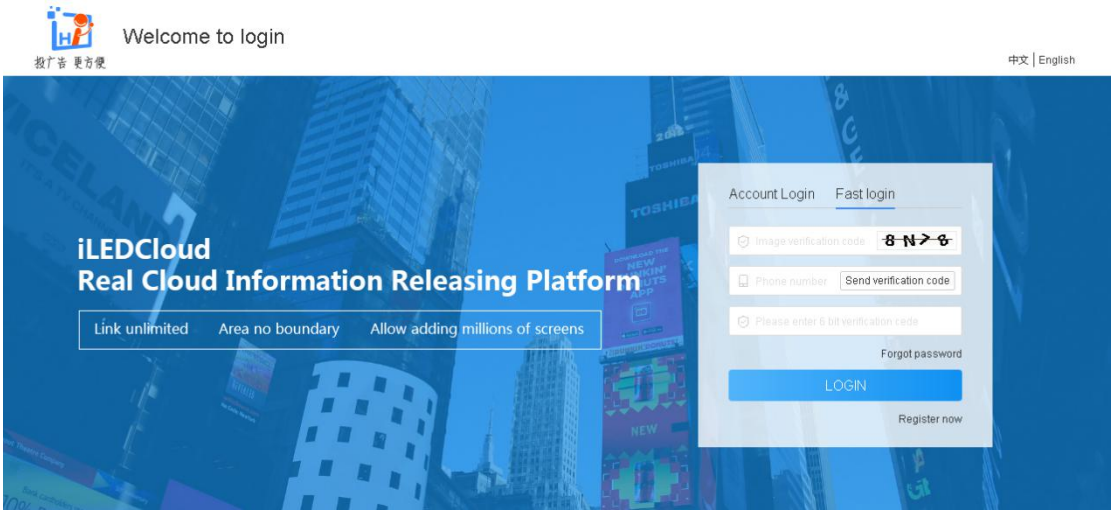
5.1.2 Log in

After all register process, user can log in the platform by phone number or mail .like in the log in picture:



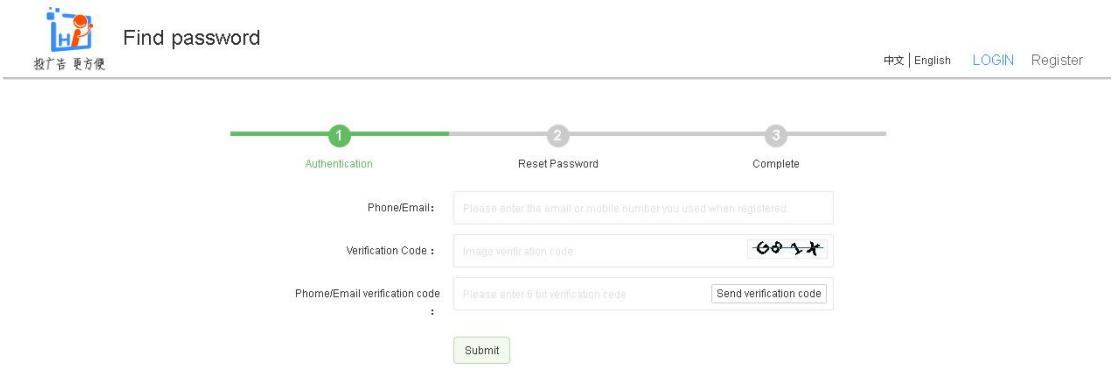
picture 5.1-3

f binding the mobile phone ,user can use fast log in ,only click the fast log in is ok .like in the picture 5.1-4

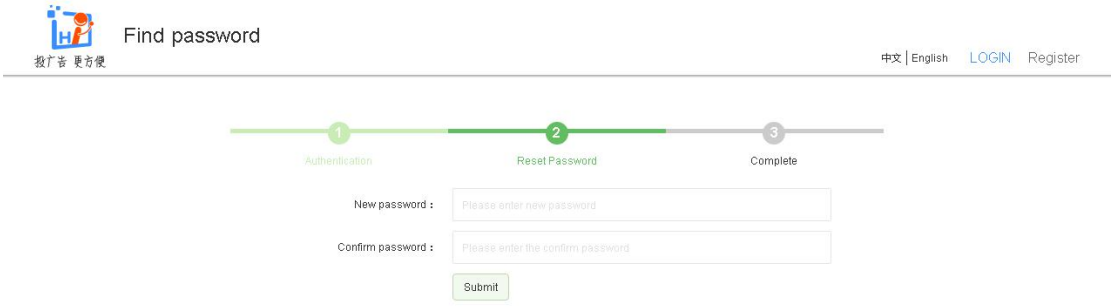


picture 5.1-4 fast login

When the user forgot password, click forgot password link on the login page, enter the retrieve password page, as shown in picture 5.1-5.Users only need input registered phone number or email, click to get verification code, after input and click submit, can enter the page of setting a new password, as shown in picture 5.1-6, users can set the new password, and after set up complete, can use the new password to log in.



picture 5.1- 5



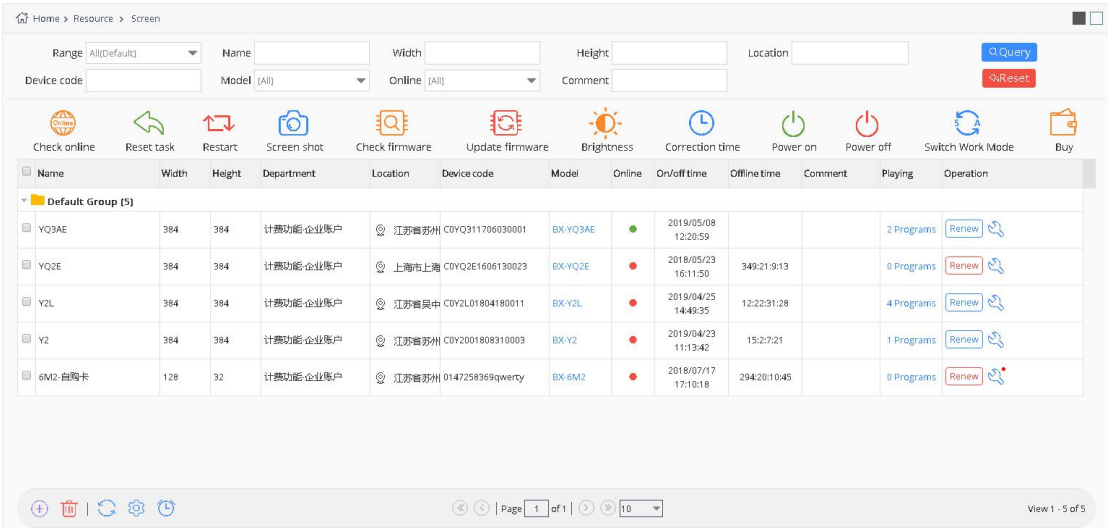
picture 5.1- 6

5.2 Resource management

After successful login, the user in the resource management function of the screen to add and upload material, prepare to make program.

5.2.1 Screen management

Users can operate the screen by screen management page, like in the picture 5.2-1 and table 5.2- 1



picture 5.2- 1

table 5.2- 1 screen management page button note

Button	Function
	Screen control button ,click into the control page ,set the screen parameters
	Add button, used for add new record
	Delete button ,used for deleting the single or bulk records
	Refresh button ,used for refreshing the list
	Check the button online ,after select the screen ,can check the screen is online or not
	Reset task button ,click to reset the task ,cancel the current task.
	Restart the controller button, used for restart the controller
	Screenshot button ,used for screenshot of the current screen program,now only YQ5E、YQ2A、YQ2AE、YQ3A、YQ3AE and Y series support this function.
	Checking and Update button ,used for checking and update the new firmware
	Update firmware button,if have new firmware,select the screen and click it to make updating the screen.
	Screen brightness button,used for changing the screen brightness.
	Screen time correction function, select it can used for controller time correction , it

	will correct the time to be the same with where the screen is in .
	Power on
	Power off
	Buy button, choice screen then buy the service packages
	Working mode switching button. Users can switch the working mode of YQ5E,YQ2AE , YQ3AE and Y5E
	Unified setting button, set for time zone, memo and allow clean-up or overwrite.
	Batch on/off settings.

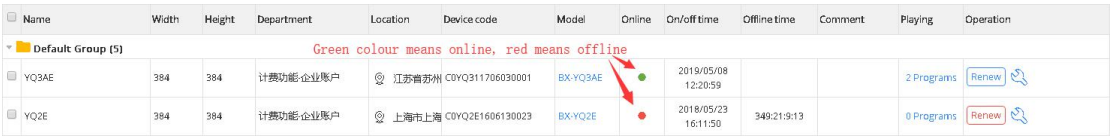
5.2.1.1 Add screen

If want to make program, the first step is add screen .pls click the add screen button ,then will display the page like this picture 5.2- 2, input the device code and screen name is ok, but pls make sure the controller is online then can add successfully.

picture 5.2- 2

To the YQ controller ,if u set the IP of the user name and name ,then no need to manual add it. It can automatically added to specify user name after the control card is online;On the other hand, you need to manually add, when adding screen, priority recommended used as serial number, bar code identification code for serial Numbers are used if without bar code.For 6Q series controller, currently only support added manually, and can only use the bar code as serial number.After add

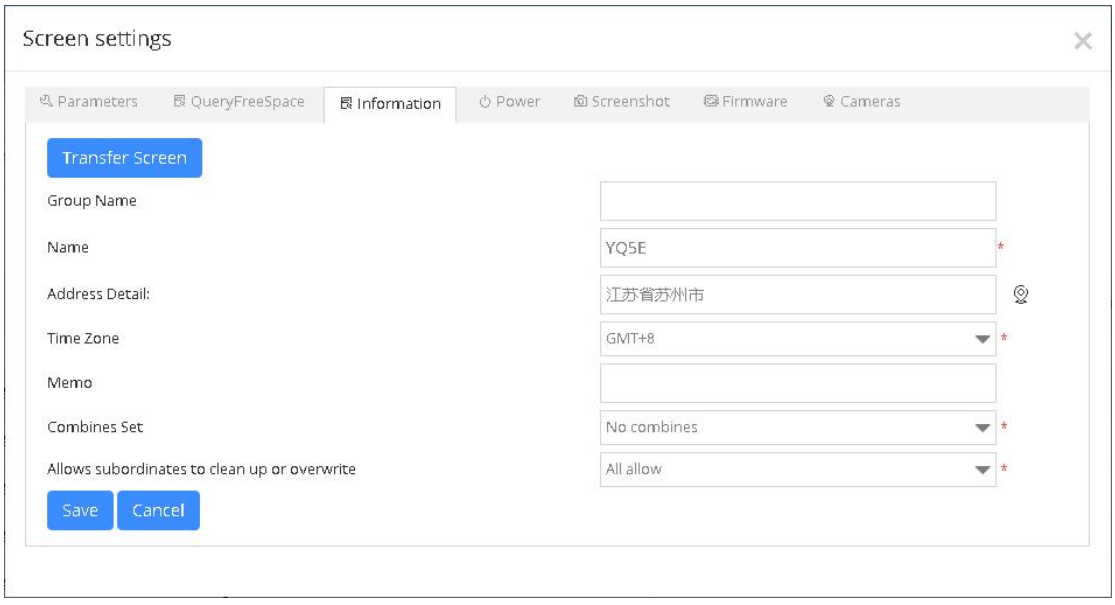
the screen successfully, relevant information will be displayed on the screen management page, as shown in picture 5.2- 3.



picture 5.2- 3

5.2.1.2 Edit screen information

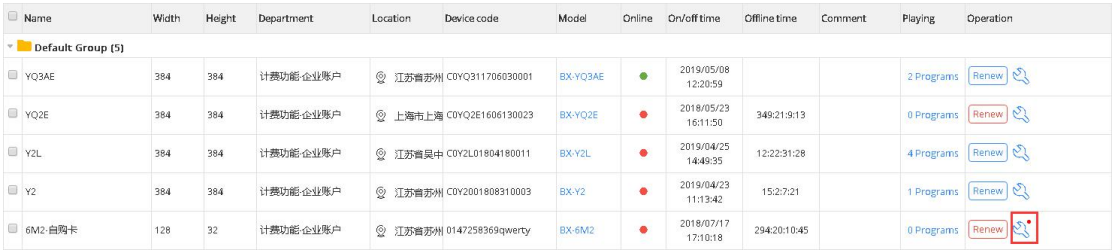
Click the corresponding button of screen settings ,then edit related information, see picture 5.2- 4. Users can edit screen group, name , screen type, address, address detail, time zone and memo .Users can add location or use the map to add location. When users modify the time and correction the time, the screen time will be the same with where the screen is in. Enterprise Users can use “transfer screen” function.



picture 5.2- 4

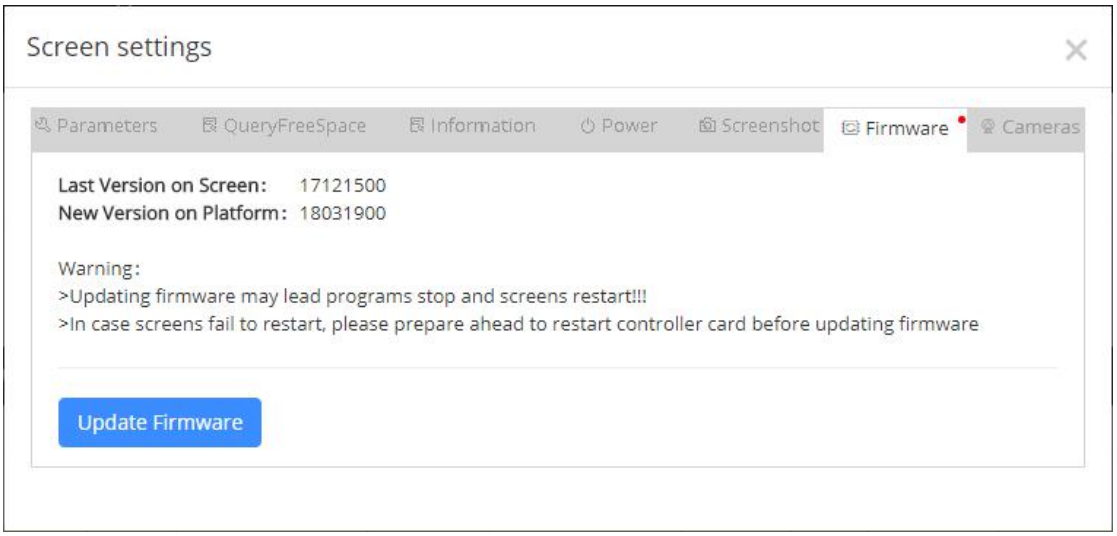
5.2.1.3 Firmware updating

When the screen need update the firmware, it will show red light on the corresponding control button , as shown in picture 5.2- 5.

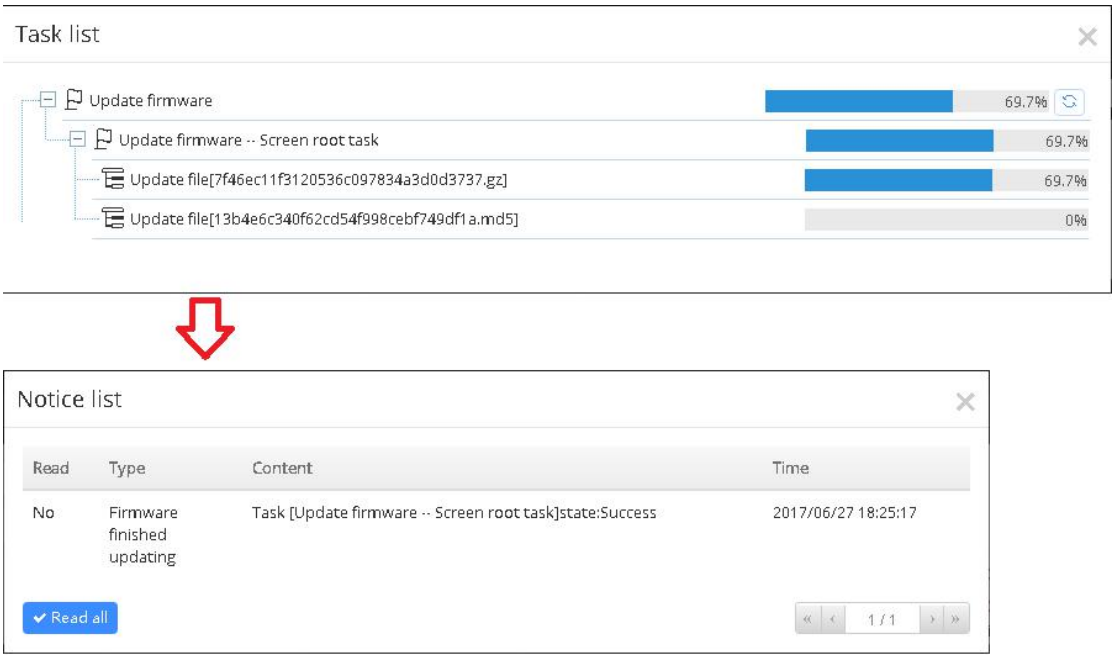


picture 5.2- 5

When users click the screen controlling button which has red light, it will show the available firmware version which can be updated and corresponding info for the current screen, such as picture 5.2- 6, then start of the upgrade, click “update firmware” , after the success of the upgrade, users can check the information in the notice list, as shown in picture 5.2- 7.



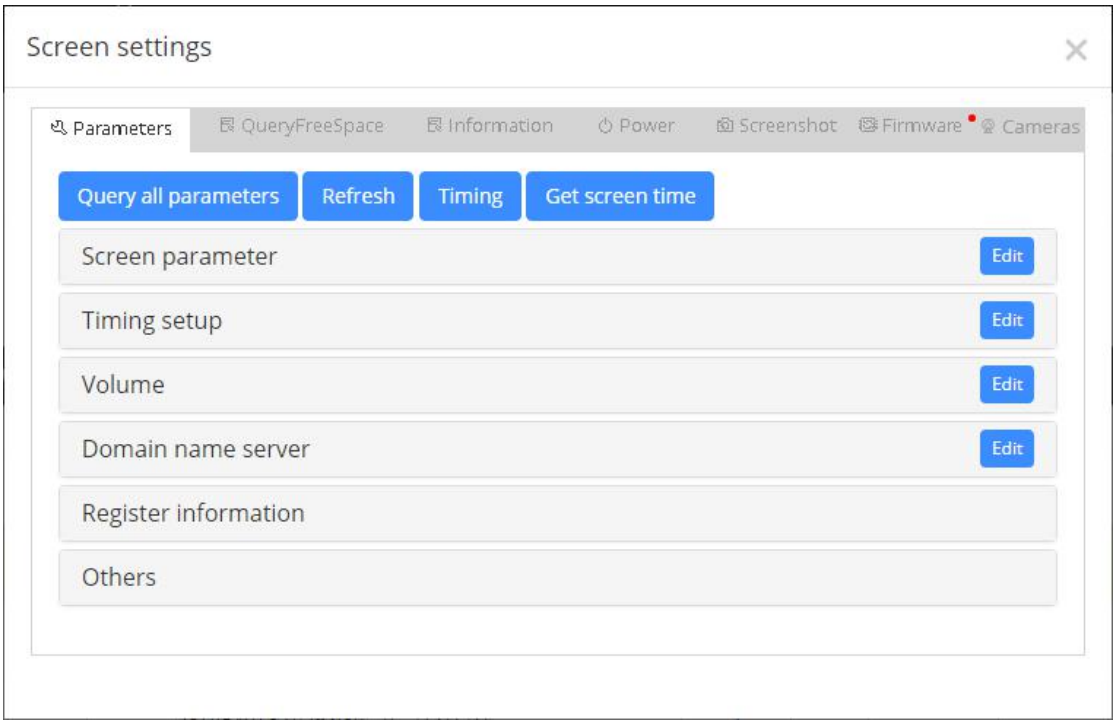
picture 5.2- 6



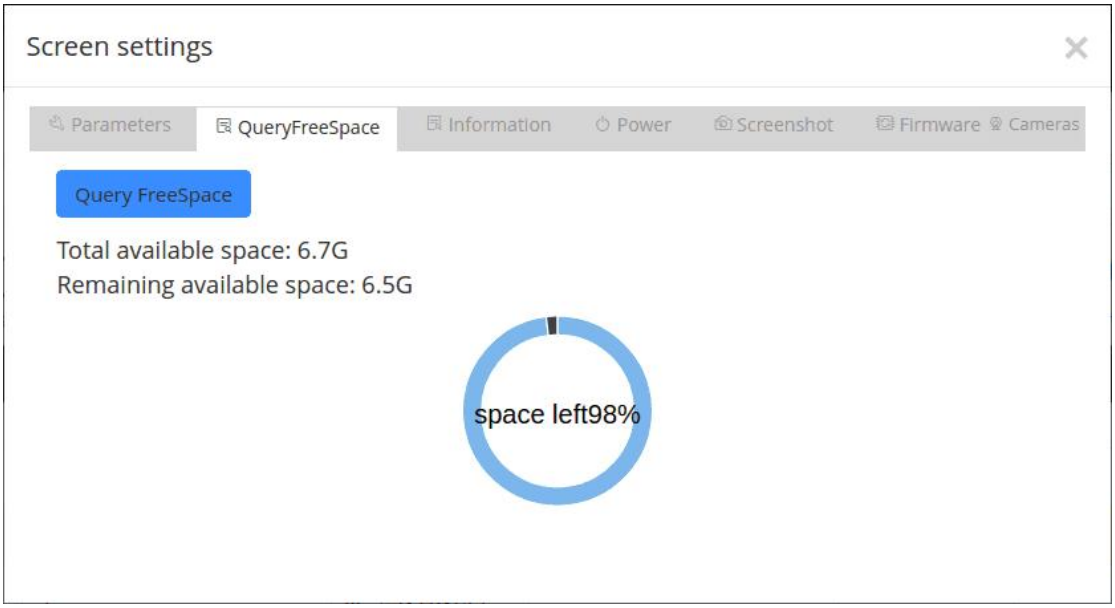
picture 5.2- 7

5.2.1.4 Edit screen parameter

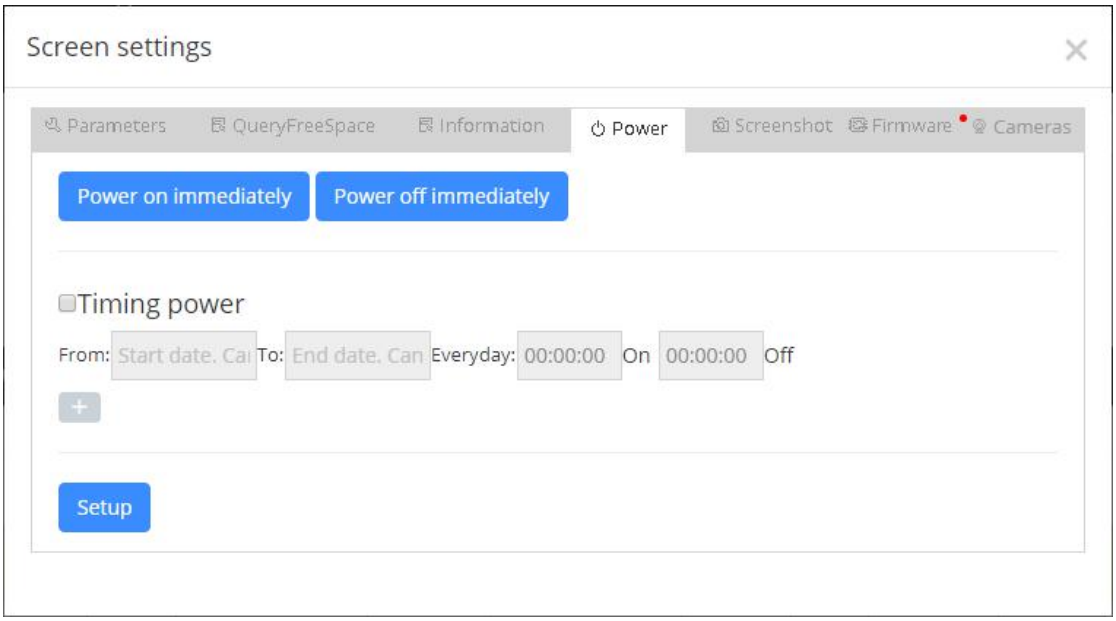
When users click screen management button , “Screen settings” window will appear, see picture 5.2- 8. Users can check the rest storage of controller and turn on&off the screen on this window, like picture 5.2-9 and 5.2-10.



picture 5.2- 8 Screen management-parameter setting



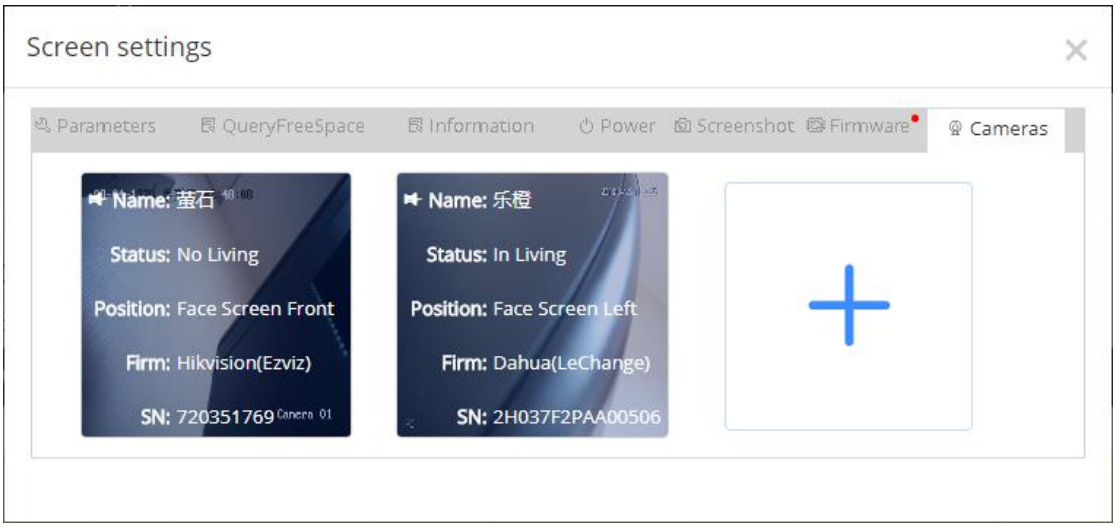
picture 5.2-9



picture 5.2- 10

5.2.1.5 Camera function

In addition to set the parameter of the controller, users can also bind the camera to the control card, and use the camera to check the status of the screen in real time. User can click the screen controlling button, then click “Cameras” as to enter the camera management interface, as shown in picture 5.2- 11, the platform supports “camera connection” and “live source URL”, camera Hikvision (ezviz) and Dahua (LeCheng), some function of the buttons on the camera management interface, please refer to table 5.2- 2.

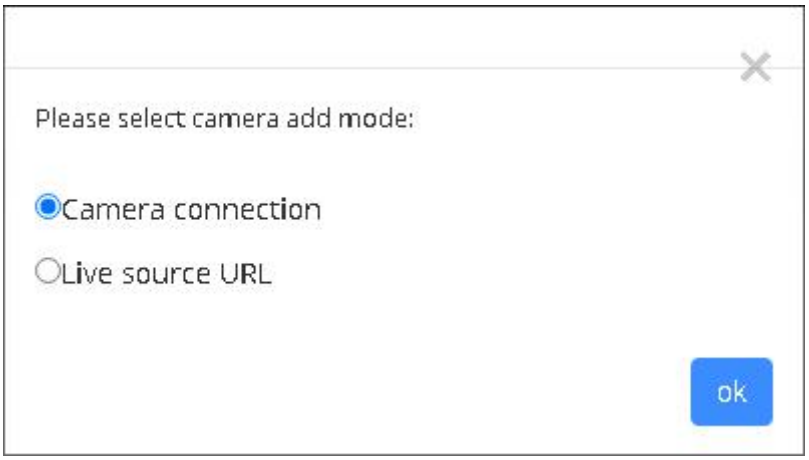


picture 5.2- 11

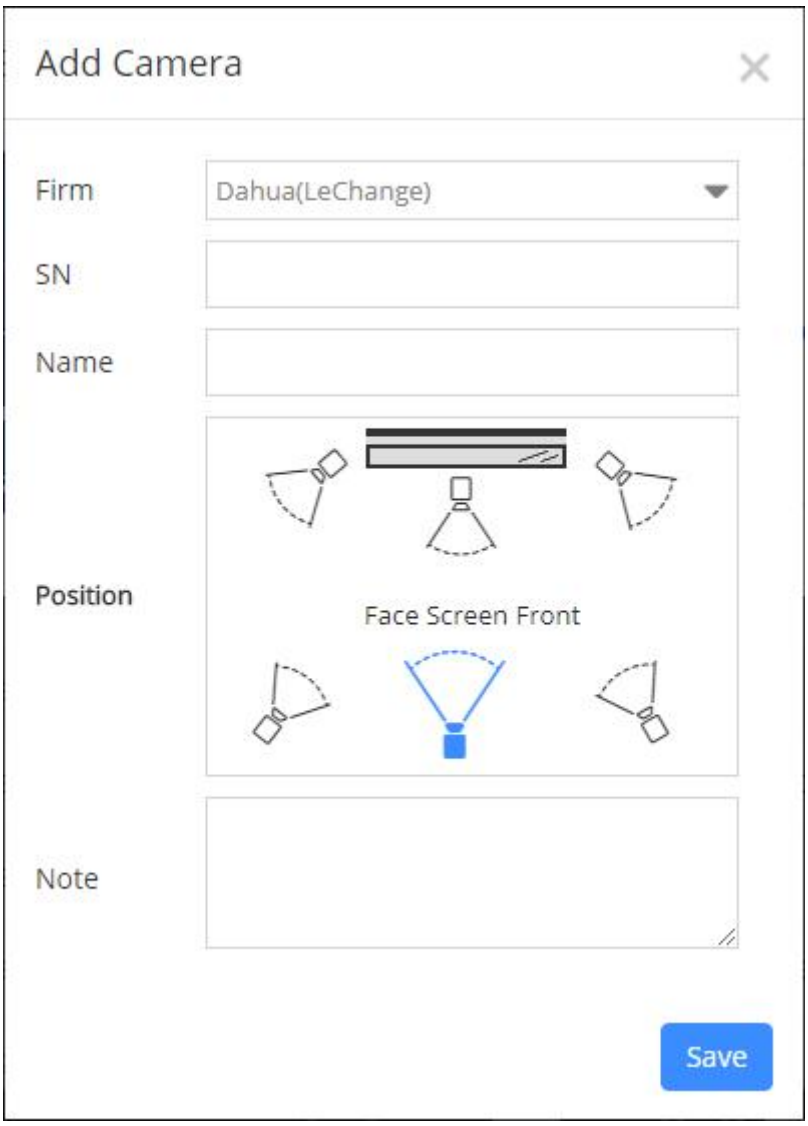
table 5.2- 2 camera management page button note

Button	Function
	Binding button, binding camera
	Remove bind button ,unbind the camera
	Live button ,Start the live show function of the camera
	Stop living button,Stop living show of the camera

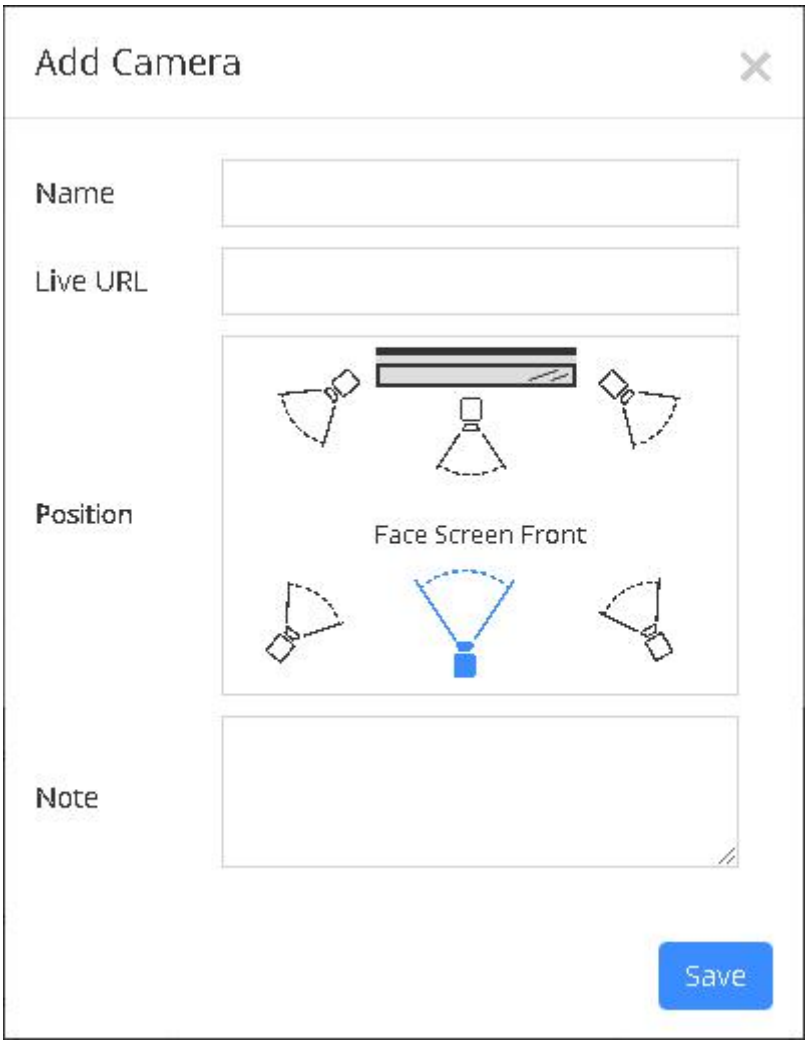
In the camera management interface, click the "+" button, Users can add camera connection or live source URL , as shown in picture 5.2- 12, if users only choose the camera connection, as picture 5.2- 13, fill in camera manufacture, camera serial number and verification code, then click Save to complete adding camera; If users choose live source URL, as picture 5.2-14, users need to full in name, address of liver source URL, then click save. After add “camera connection”, Then click on the binding button, after bind the camera successfully , Users can click on the "open live button" then click the image area below the button to display the live interface, as shown in picture 5.2- 15. Each time can only watch 1 minutes live screen, and the live page will be automatically closed after that. If you add “live source URL” successfully, you can watch as long as you can.



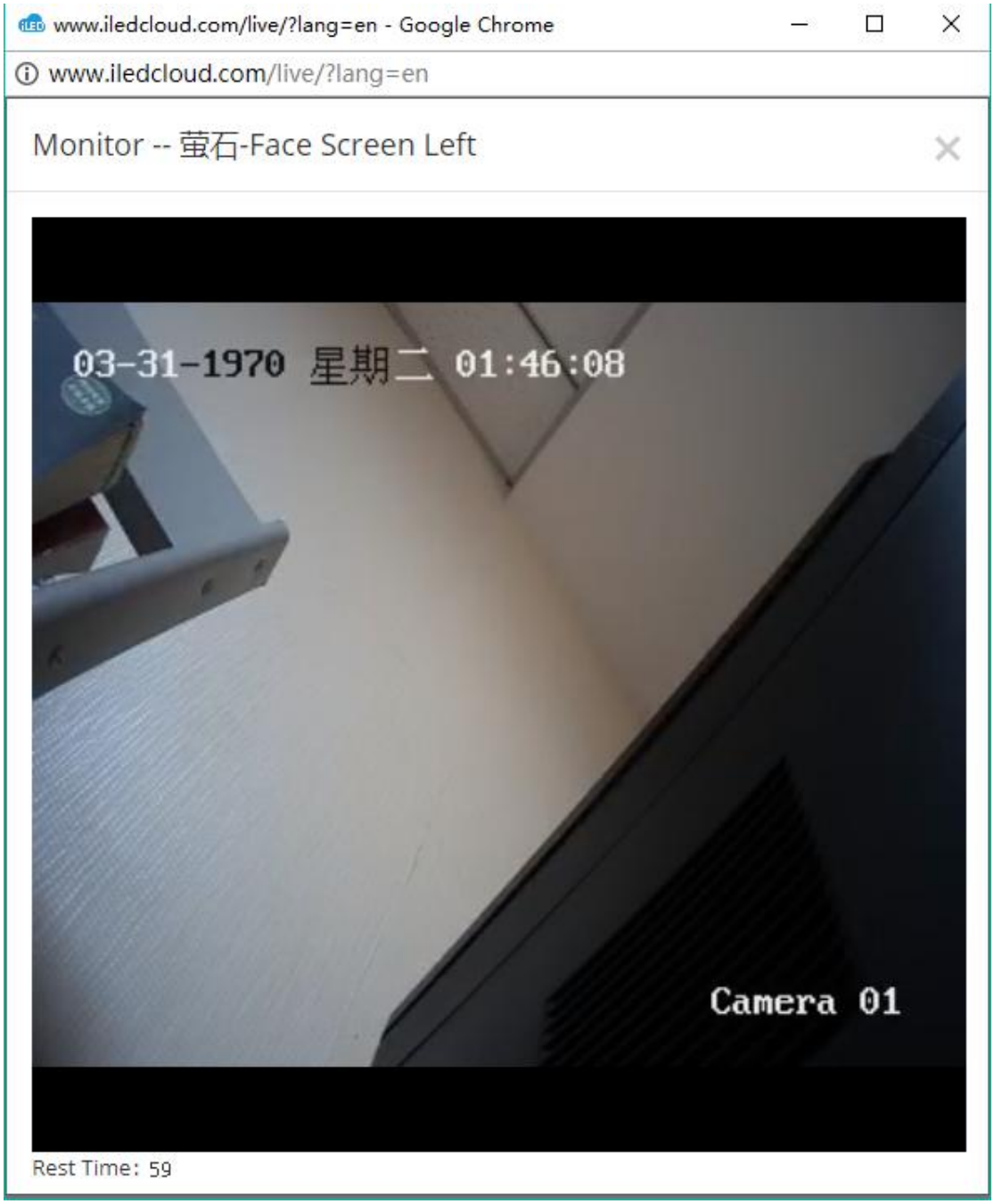
picture 5.2-12



picture 5.2- 13



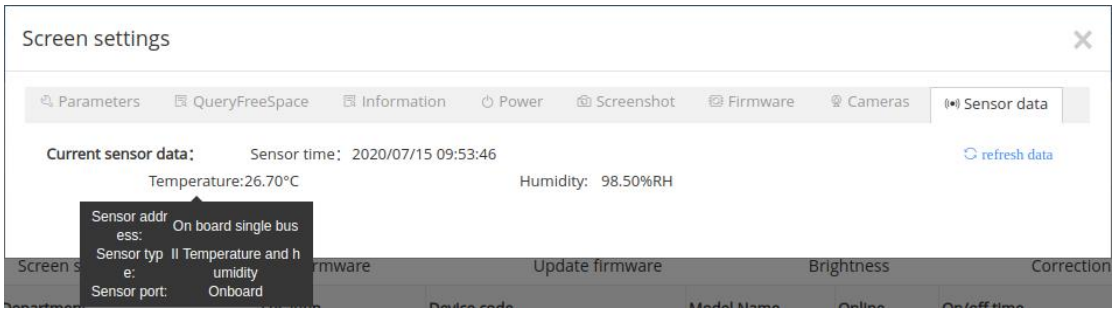
picture 5.2-14



picture 5.2- 15

5.2.1.6 Sensor Data Pass Back

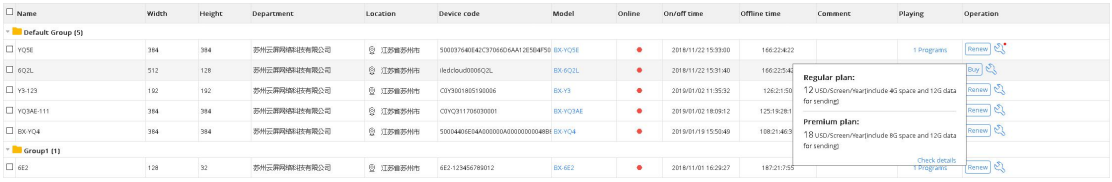
Sensor data pass back function for Y series controller. Open screen settings page of Y series controller in screen management, it will show data of present sensor, as picture 5.2-16. The latest data of sensor will be obtained by click refresh button or enter into this page, and you can get to know where does the data come from by moving mouse on data.



picture 5.2-16

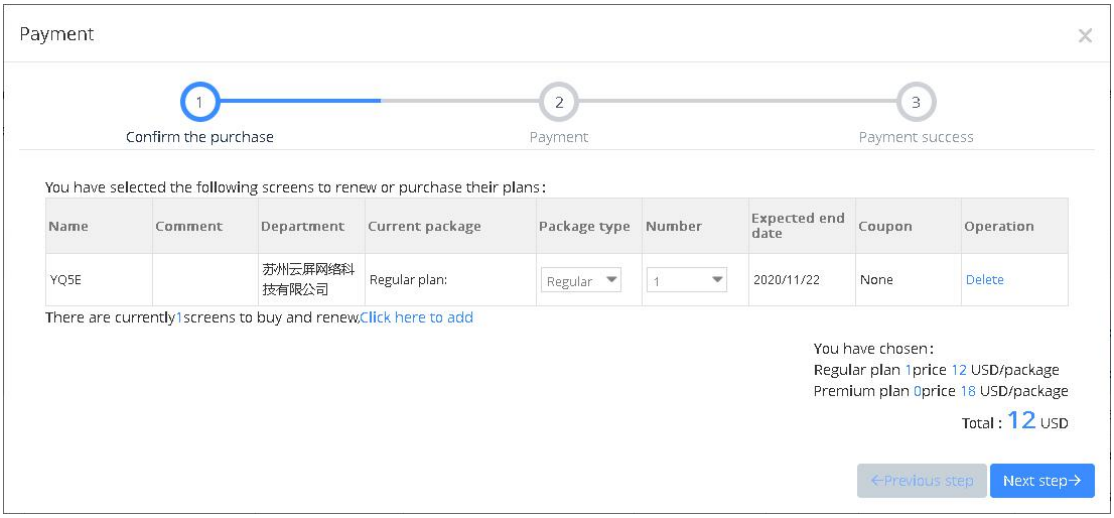
5.2.1.7 Buy Screen flow package and renewal it

After the user added the screen successfully, users also needs to buy a screen flow package to be used normally. On V1.4.7 version, our platform releases some discount coupons for users, and users can also click on "buy" button in the screen management, or check the required screen, click the purchase button above the page,. When the mouse hovers on the "Buy" button, a suspension frame is popped out to show a brief description of the 2 Flow packages, as shown in picture 5.2-17. The user clicks on "view the details" and the page will jump to the "package and service" page, and the user can see the detailed description of the package.



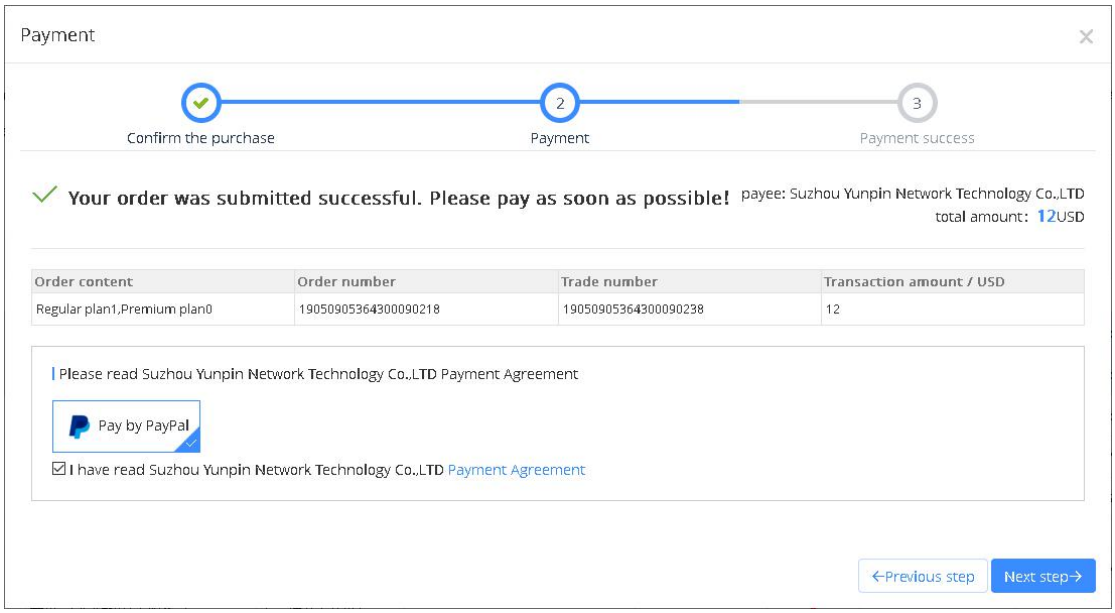
picture 5.2-17

Click buy button ,then will enter into payment process ,in the step of confirm purchase , it will show the purchased flow package details, as shown in picture 5.2- 18. In this page, it will show the amount of screens which need to be renewed. When user clicks the link “click here to add”, those screens will be added in current order details to facilitate user purchase.



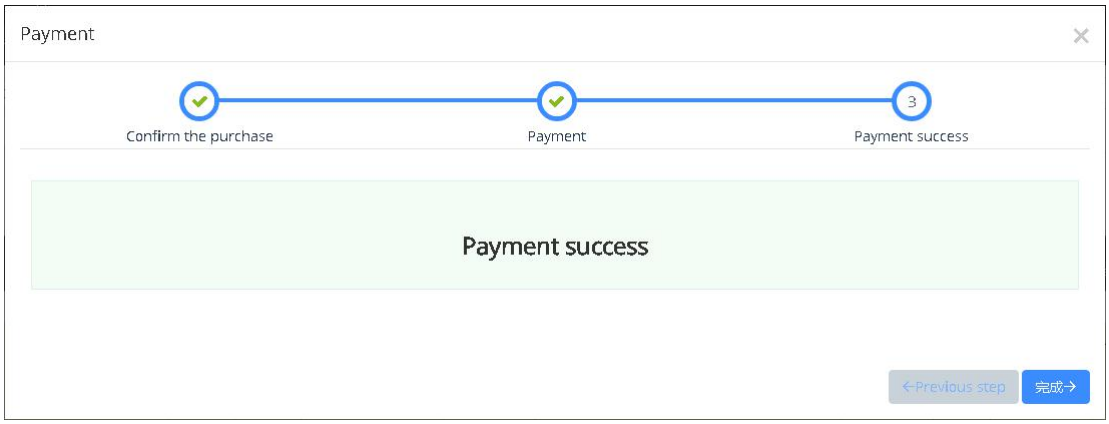
picture 5.2- 18

Then click next ,payment interface .The page will display the order information, payment user initiated and the platform of the payment protocol, as shown in picture 5.2- 19. Overseas customers can pay by Paypal.



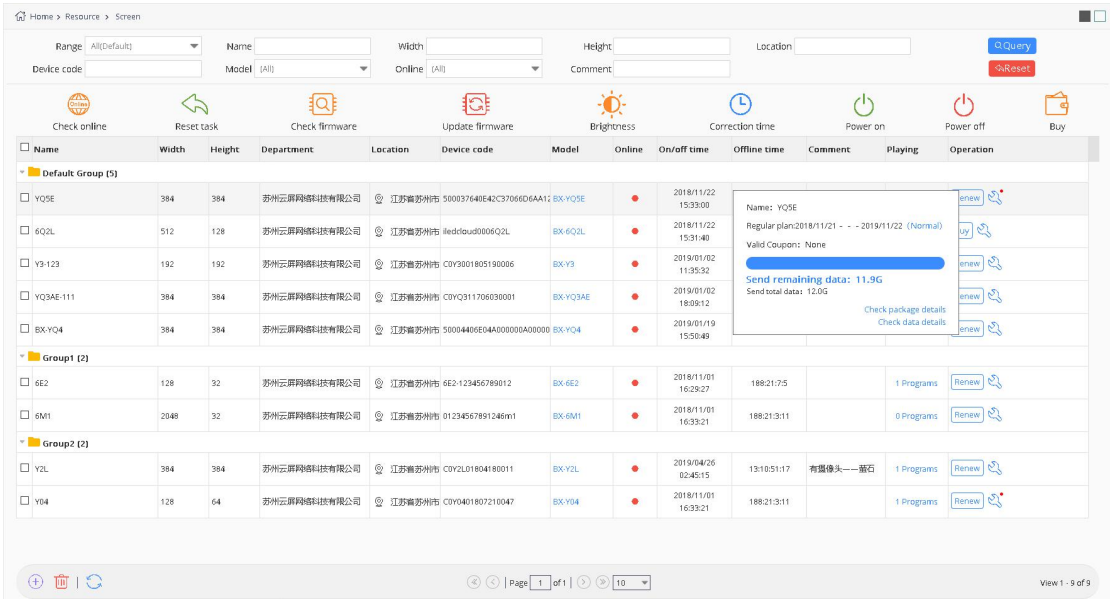
picture 5.2- 19

Click next , then enter into PayPal interface ,When paid successfully , a new window will pop up to inform of the successful payment. See picture 5.2- 20.Then the screen can be used normally.



picture 5.2-20

When the screen's flow package is about to expire, the user can also renewal it by clicking the corresponding screen button such as "renewal" button or click the buy button . Please follow the instruction to finish the renewal or purchase new flow package ,details as shown in picture 5.2-21.



picture 5.2-21

5.2.1.8 Delete screen

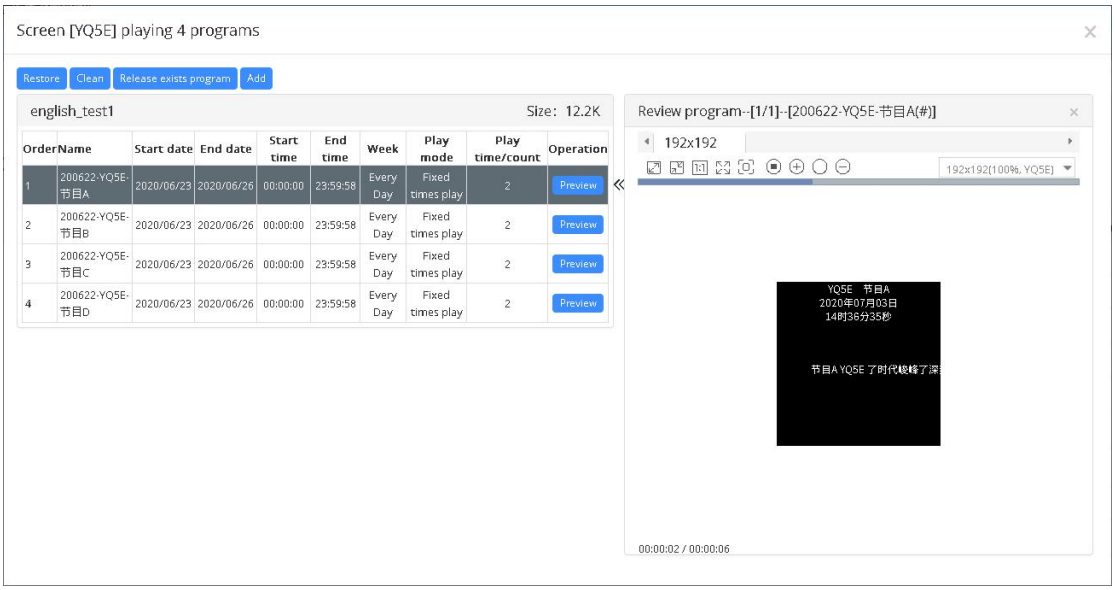
Select the controller which you want to delete, and click “ delete ” button, like picture 5.2-22.When you delete, it will delete all the data of “add screen automatically” from control cards. After delete the screens from iLEDCloud, what you bought will be always there, later, if you want,

you can use again.

picture 5.2-22

5.2.1.9 Current playing function

Add “check current playing list” function in screen management. Click the corresponding “current playing” link, it will show the current playing list and all programs in, like picture 5.2-23. Users can preview program or view the file size of this playlist on this page too.



picture 5.2-23

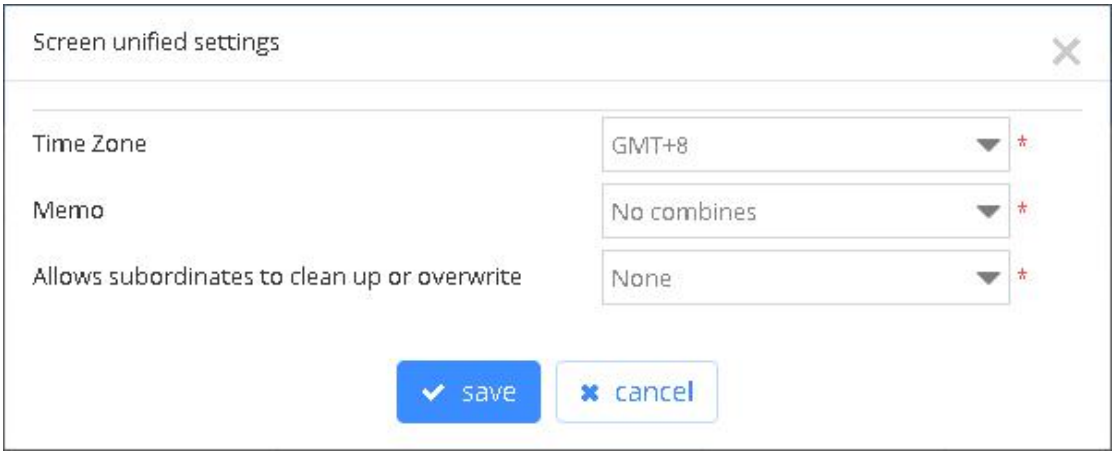
Users can recover and clean the programs in this list. And can also click “add program” button to add new program for present list.

5.2.1.10 Screen Unified setting

Add unified setting button in screen management, as 5.2-24, there will be some setting buttons, including time zone, memo. Allows subordinates to clean up or overwrite. These 3 settings, you can set singly in screen setting—modify screen info.

Memo setting, mainly used to save programs which are released, default is “no combines”, means programs from different organization will be overwrote to play. If you set “combines”, programs will be combined to one list, and play with orders.

Allow subordinates to clean up or overwrite, used to limit subordinates, default is “all allowed”. If it’s “none”, means program which is released by superior, subordinates do have right to clean up or overwrite. If set “allow part”, users need to select the allowed subordinates.

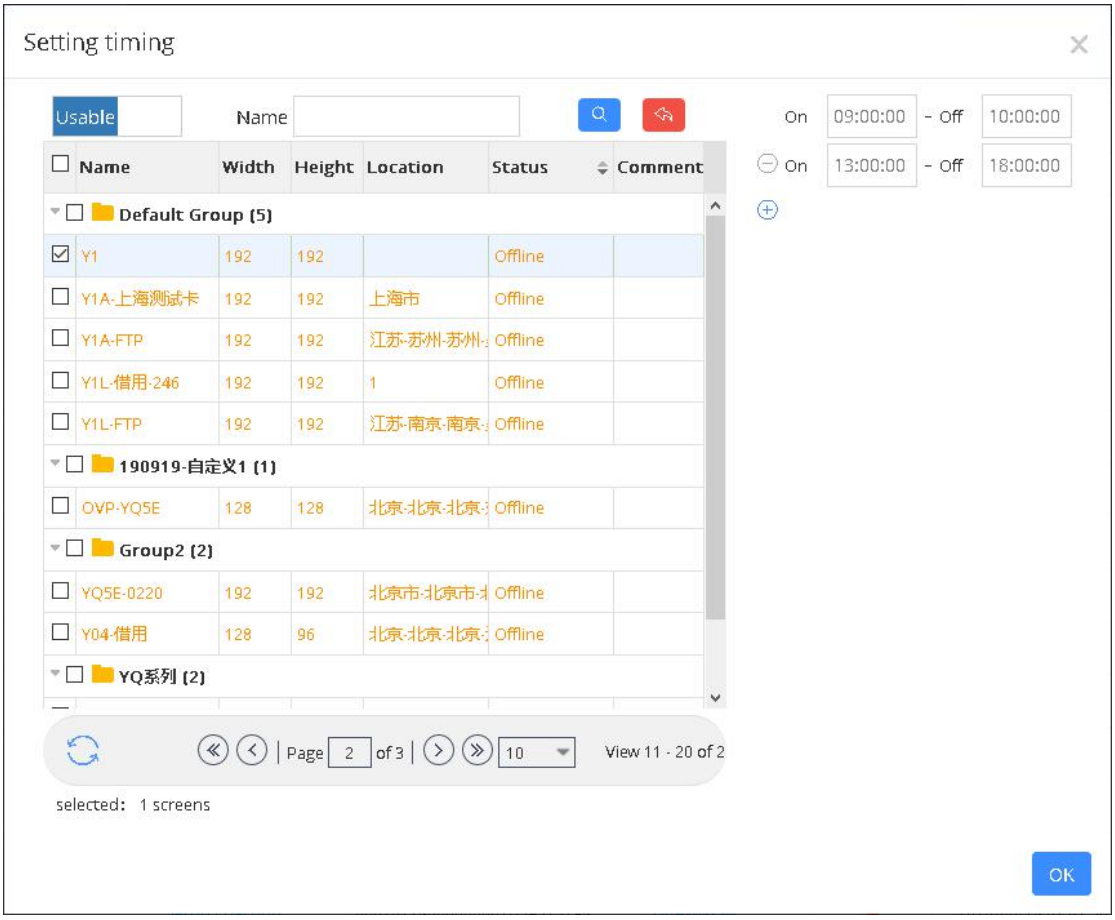


picture 5.2-24

5.2.1.11 Batch on/off timing

Users can click “batch on/off timing” in screen management, and add setting timing, as picture 5.2-26. After click “add scheduled”, select on/off time in setting timing, as picture 5.2-27, then click “OK”, and click “save” in Batch on/off timing.

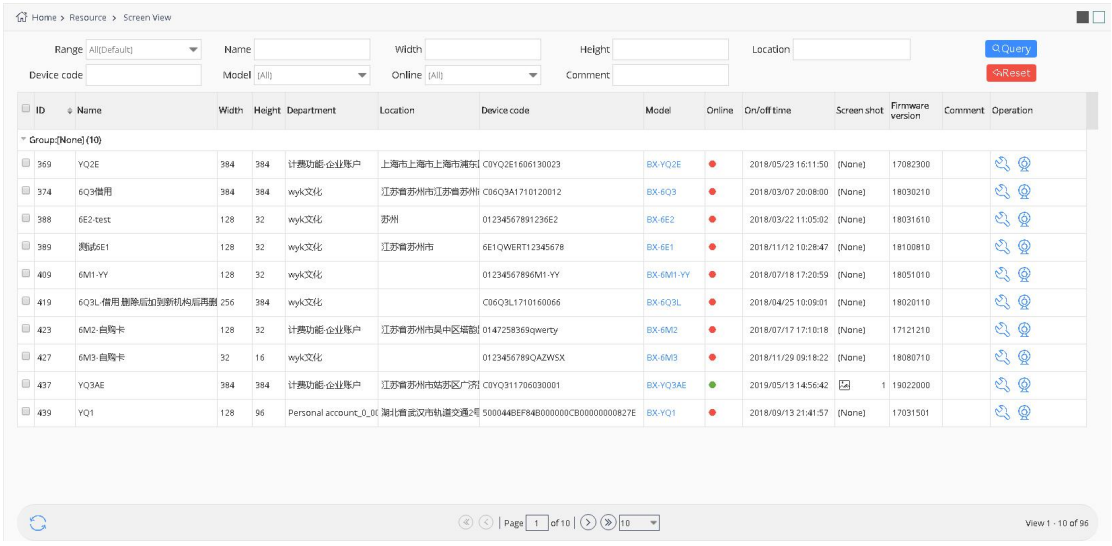
picture 5.2-25



picture 5.2-26

5.2.1.12 Check screen

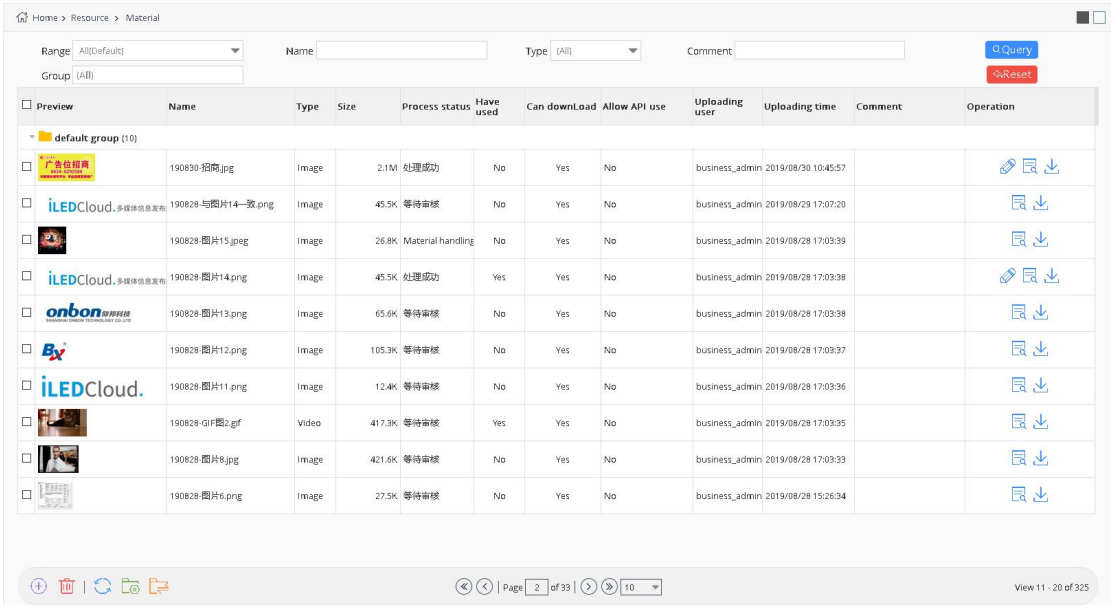
Please check the below picture 5.2-27.



picture 5.2-27

5.2.2 Material management

Users can operate to the materials in resource management page, , page as shown in picture 5.2-28, users can add, delete, search, edit, download and view material, combination material and so on. The action button comments on some of the material management page, as shown in table 5.2-3.



picture 5.2-28

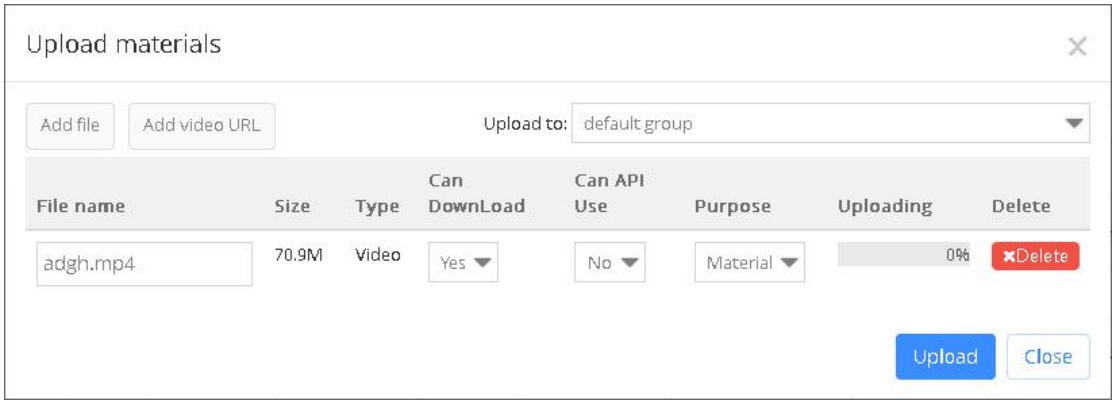
table 5.2-3 material management page button notes

button	Function
	view button ,click to view the detail page of the record
	Download button, download the present materials
	group management button ,select it to check the current group and add ,modify or delete it.
	select material button ,select to move the material to other group

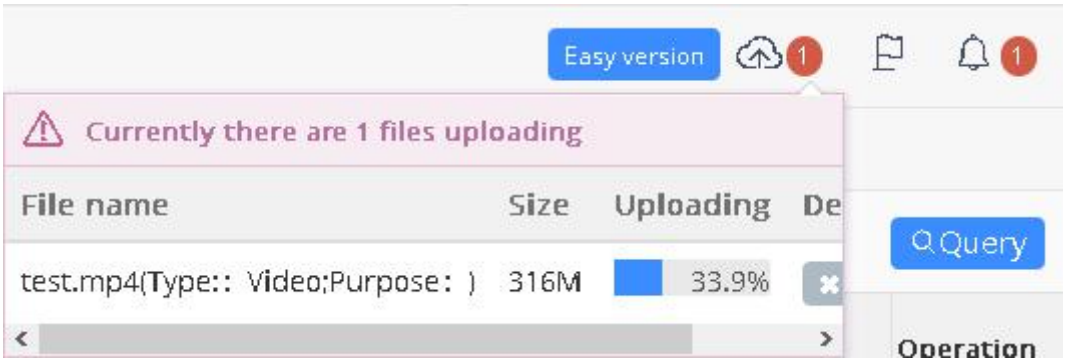
5.2.2.1 Add Material

Add Program the need the screen and material, the user can add the button on the page by

clicking the add button on the material management page ,after Click the add button will pop up the page of batch upload material , as shown in picture 5.2-29.Click "add files", users choose the material(document, picture, video, font or video url), click upload.In the material upload process, the user can close the upload dialog box, enter the other pages for other operation, material to upload and processing in small window as shown in picture 5.2-30.user can modify the “can download””can use API” and purpose function,After the completion of the upload process, material management page will display the newly added material record.

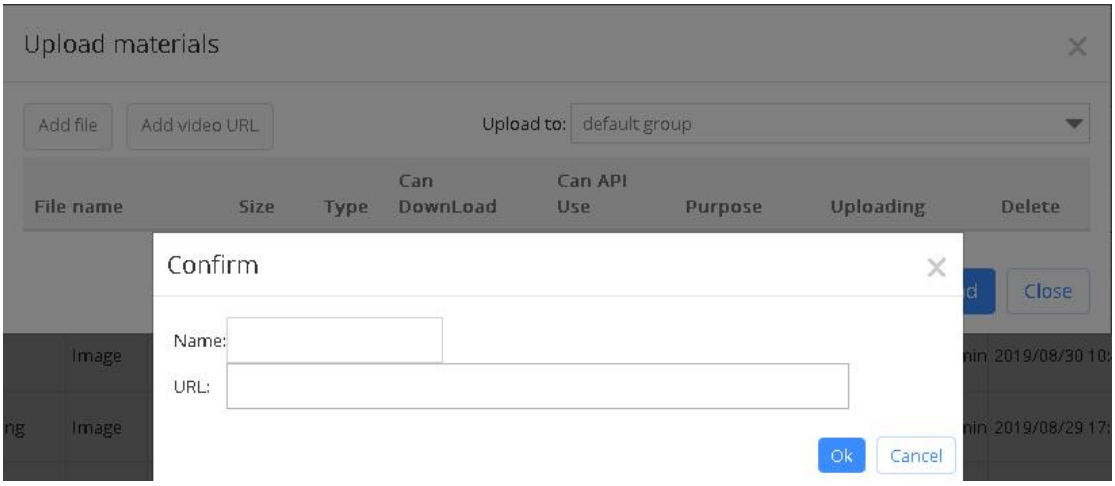


picture 5.2-29



picture 5.2-30

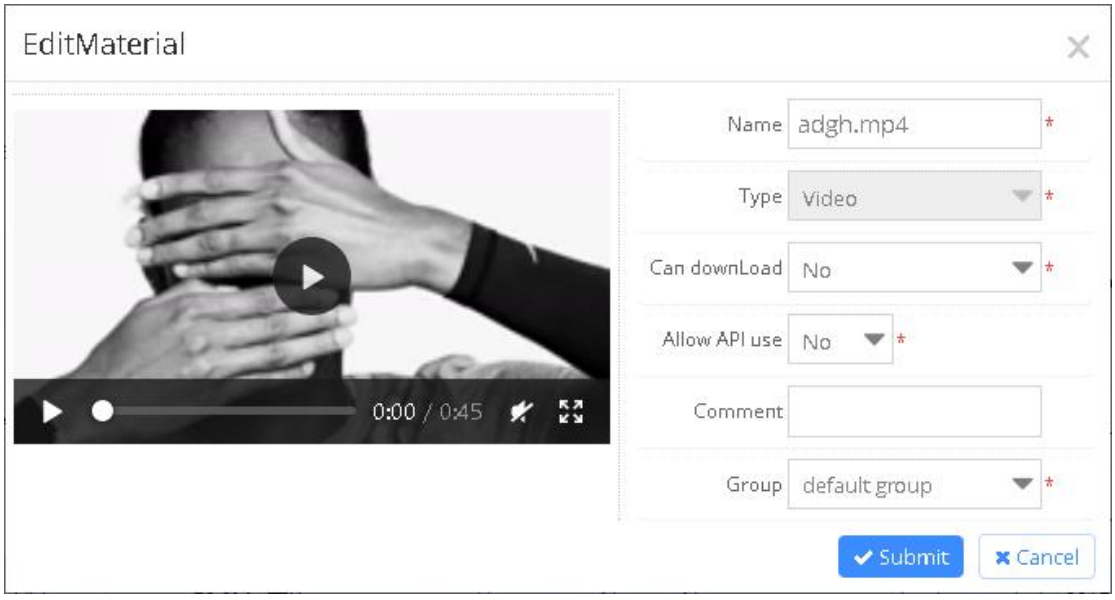
Y series controller supports live program, so, we add “add live URL” button in “Materials”. Like picture 5.2-31. Presently, support RTMP,RTSP and HTTP address.



picture 5.2-31

5.2.2.2 Edit material information

After users click the edit record button ,will pop up like in the picture 5.2- 32

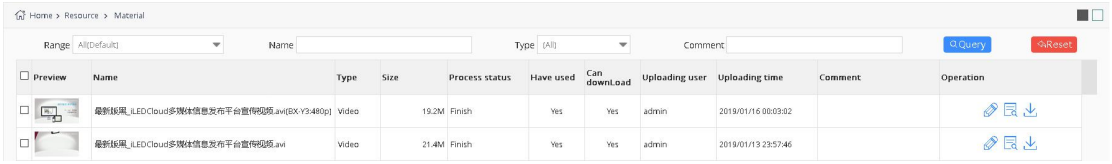


picture 5.2- 32

5.2.2.3 Video transcoding

Our platform supports online transcoding. When users need to send video file which is not supported by our platform, then, our platform will transcode automatically. After transcoding,

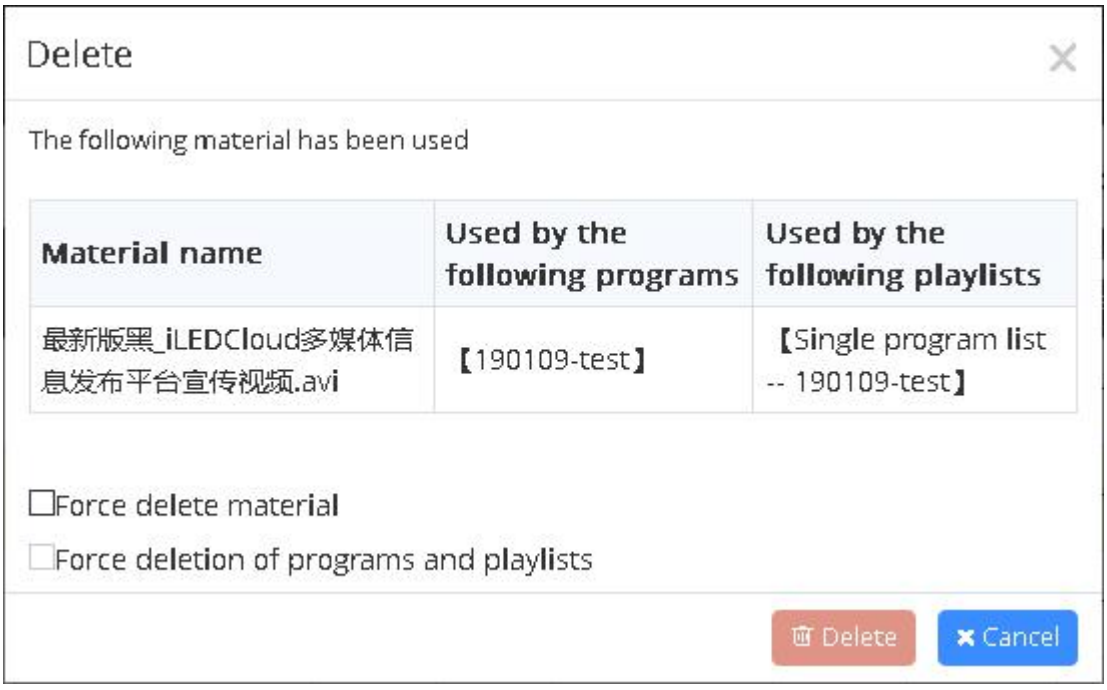
there will be a new video file record in users' materials, like picture 5.2-33.



picture 5.2-33

5.2.2.4 Delete material

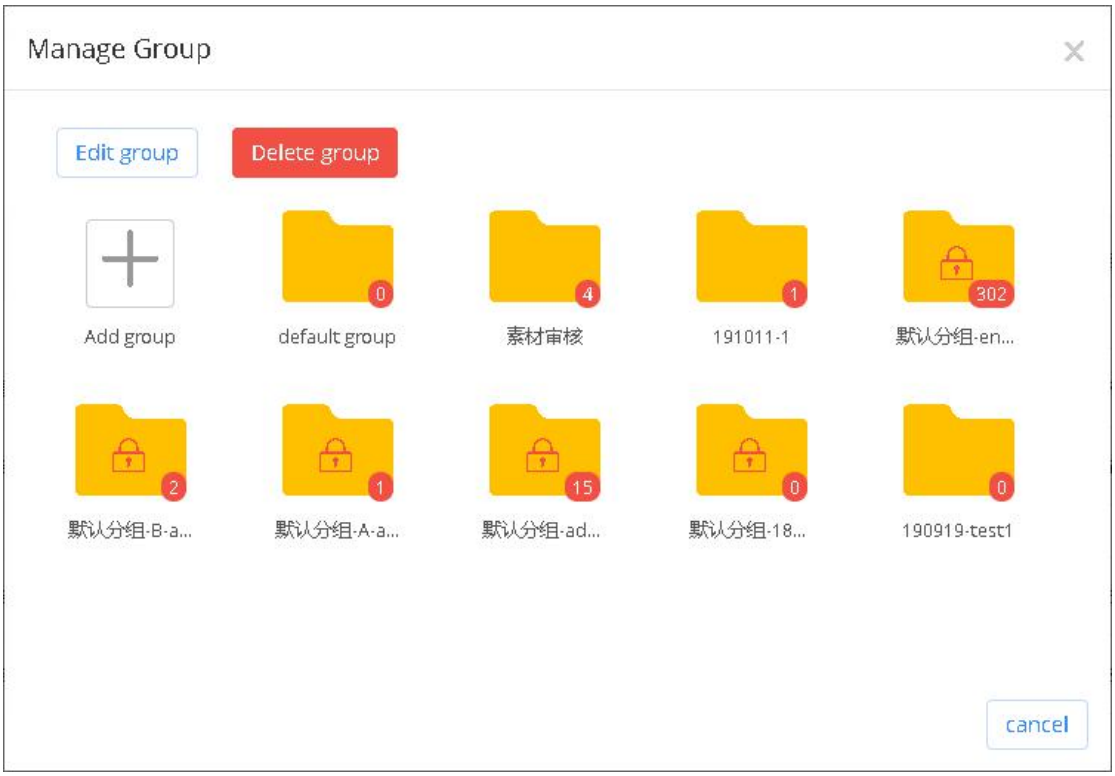
Users can delete the materials according to their needs.For unused materials, it will be deleted directly after users confirm to delete it. For already used material, It will inform you the current situations of this material and ask users to confirm again. If users select "Force delete material", this material records can be deleted. When users need to send the programs which was used this material, our platform will inform you that the material was deleted, cannot be released. If users select "Force deletion of programs and playlists", the programs which used this material and the playlists will be deleted.



picture 5.2-34

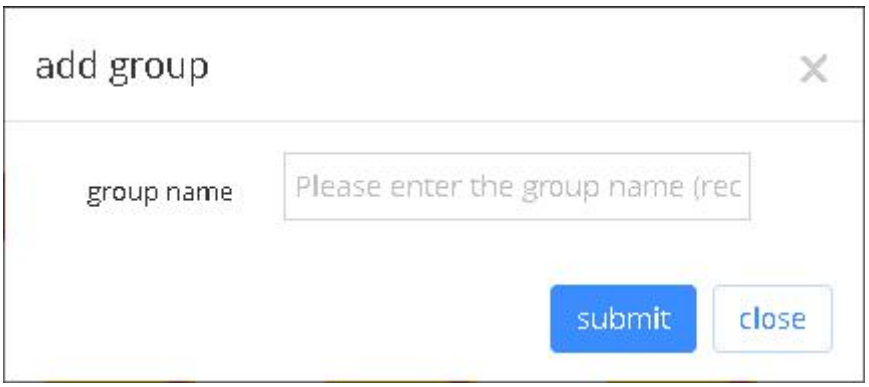
5.2.2.5 manage group

The platform supports users to group management of materials. Users can click the "group management" button on the material management page to view the group information visible to current users, as shown in picture 5.2-35.Individual users have a "default group" and each organization has a "default group" under the enterprise account.The default group name cannot be changed or deleted.



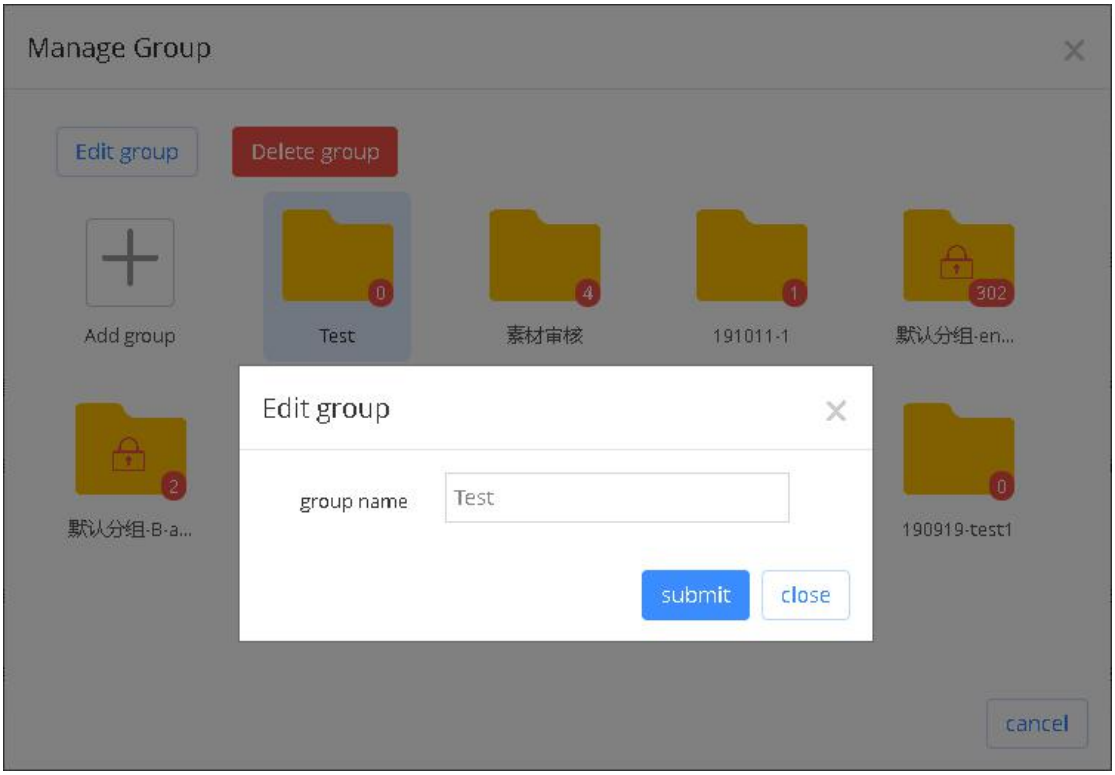
picture 5.2-35

If the user wants to create a new group, just click "add group" and the page as shown in picture 5.2-36 will pop up. Enter the group name.Users can upload materials in bulk, manage groups, edit materials and other pages for new group operations.



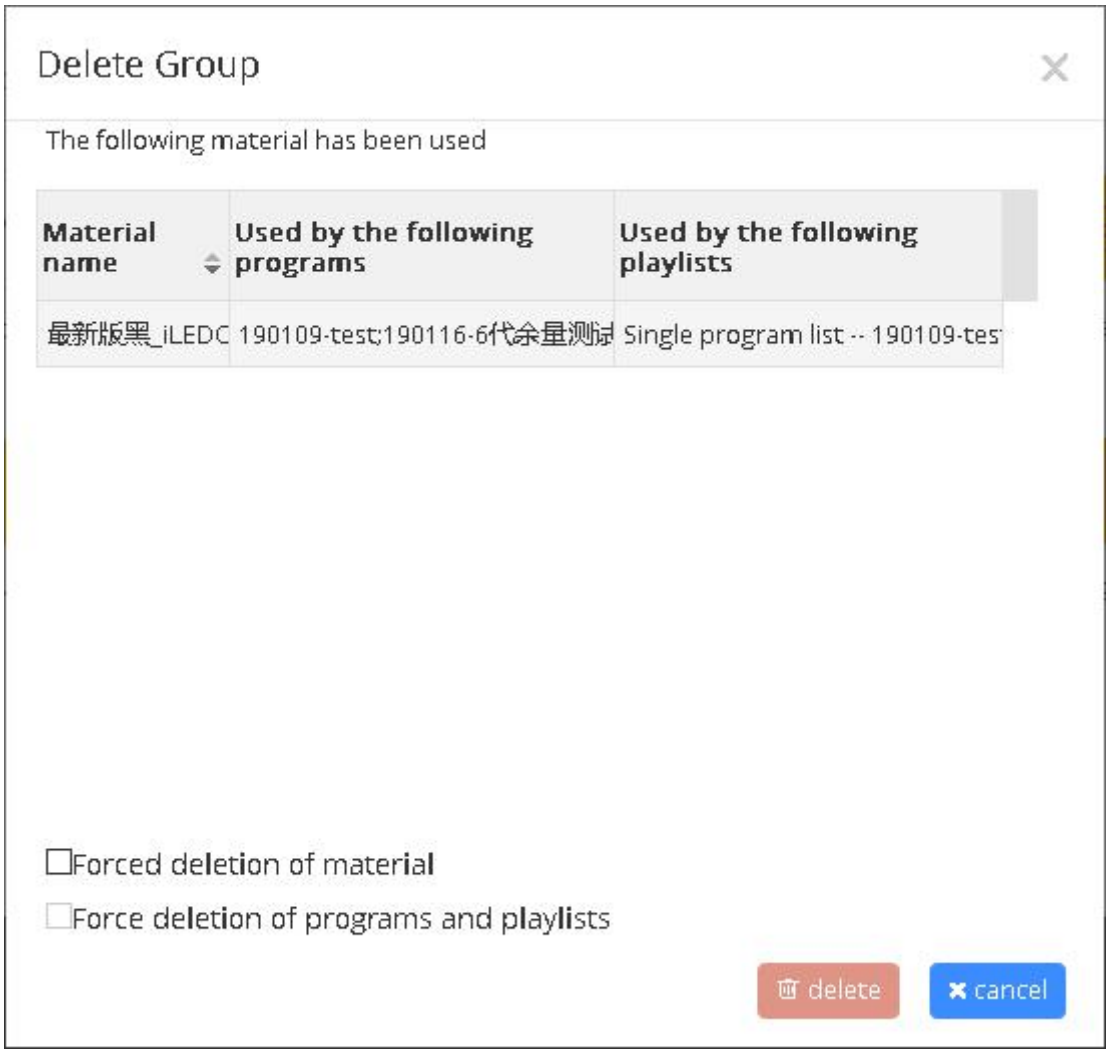
picture 5.2-36

If the user wants to modify the group name of the existing group, just select the corresponding group in the management group page and click the "edit group" button, and the modified page will pop up, as shown in picture 5.2-37.



picture 5.2-37

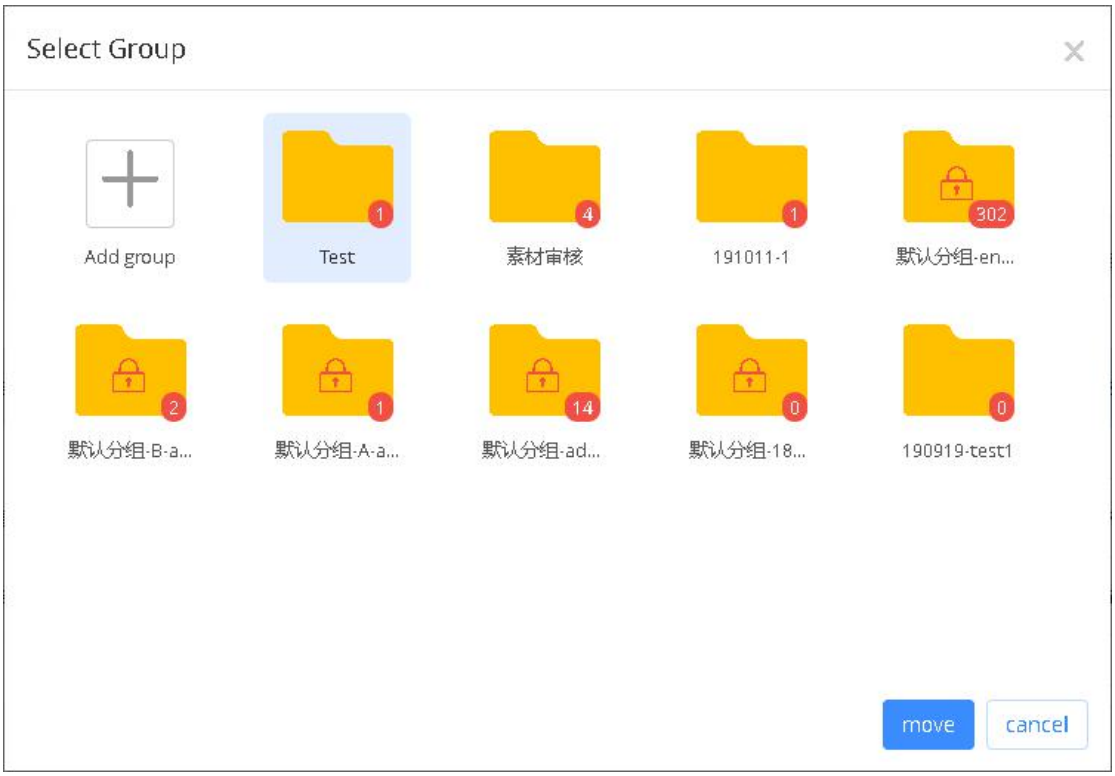
Users can also delete the group. Select the group on the management group page and click "delete group".If the material in the group has not been used, the user will delete the material in the group and group after confirmation.If any material in the group is in the state of "used", the occupied material will pop up after clicking the "delete group" button, as shown in picture 5.2-38. Check the corresponding option according to your own needs and click delete.



picture 5.2-38

5.2.2.6 Select group

After the user selects the material to be moved, click the "select group" button on the material management page, and the selection group page pops up, as shown in picture 5.2-39. Select the group to be moved to and click "move" to complete the operation of moving batch material.Users can also modify the grouping of stories in the edit page of stories.



picture 5.2-39

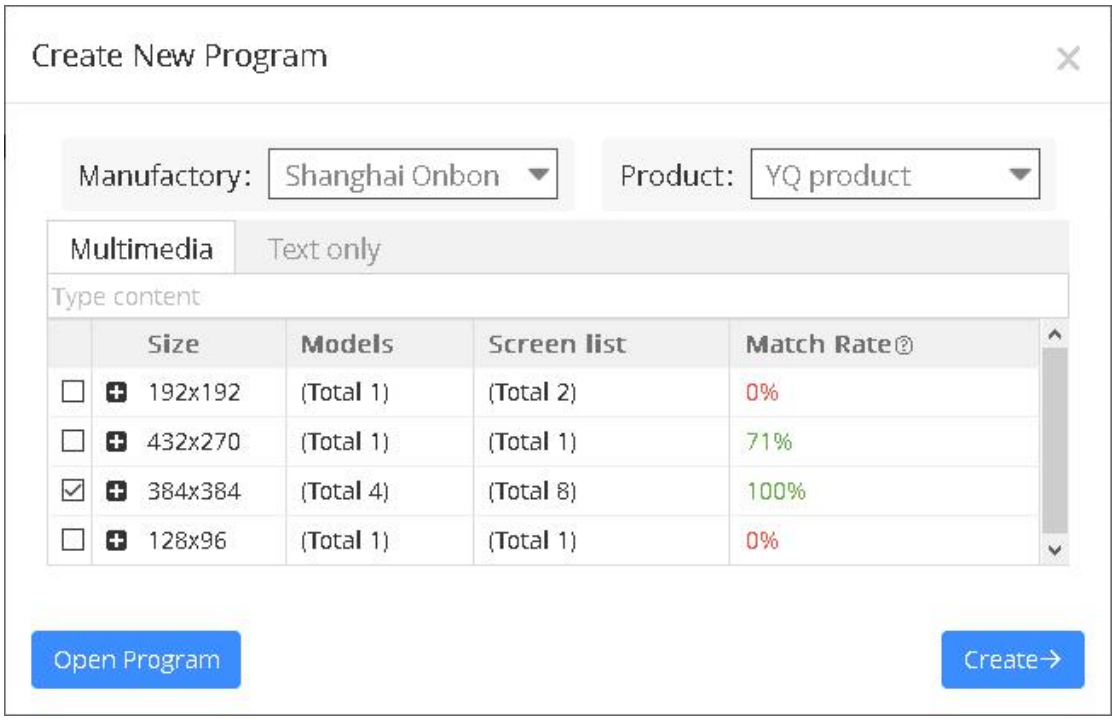
5.3 Program management

User can edit the program ,view ,audit and publish in the program management page.

5.3.1 Create new program

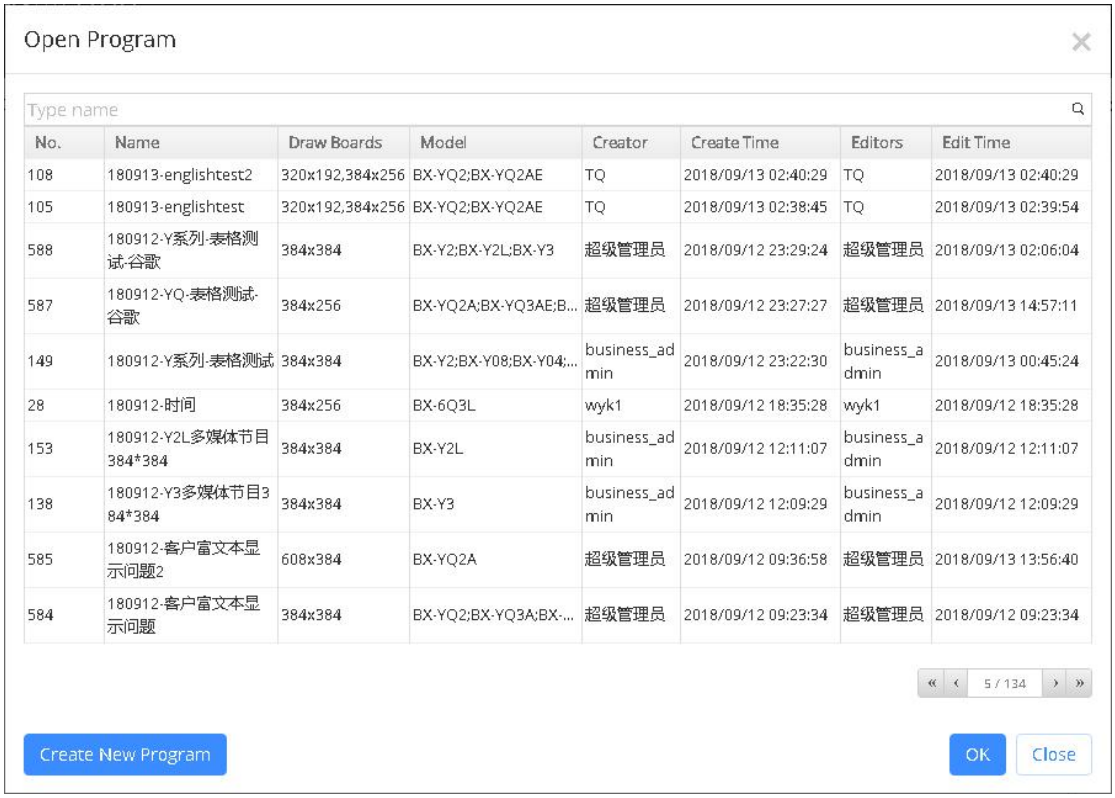
The user can create new program and modify operation in the "program management" page .If the user wants to create a new program, click on the navigation bar on the left in the "programming", as shown in picture 5.3- 1, page will display window to create a new program, select controller manufacturers, controller product series, program types and size of drawing board to create a new program.

Users can add many drawing boards with different sizes in “Multimedia”, the platform will count the matching rate between drawing boards and screen, and if the matching rate is over than 60%, the programs can be sent to the corresponding size screen by self-adaption. Programs which are made by text only, can be 100% matching.



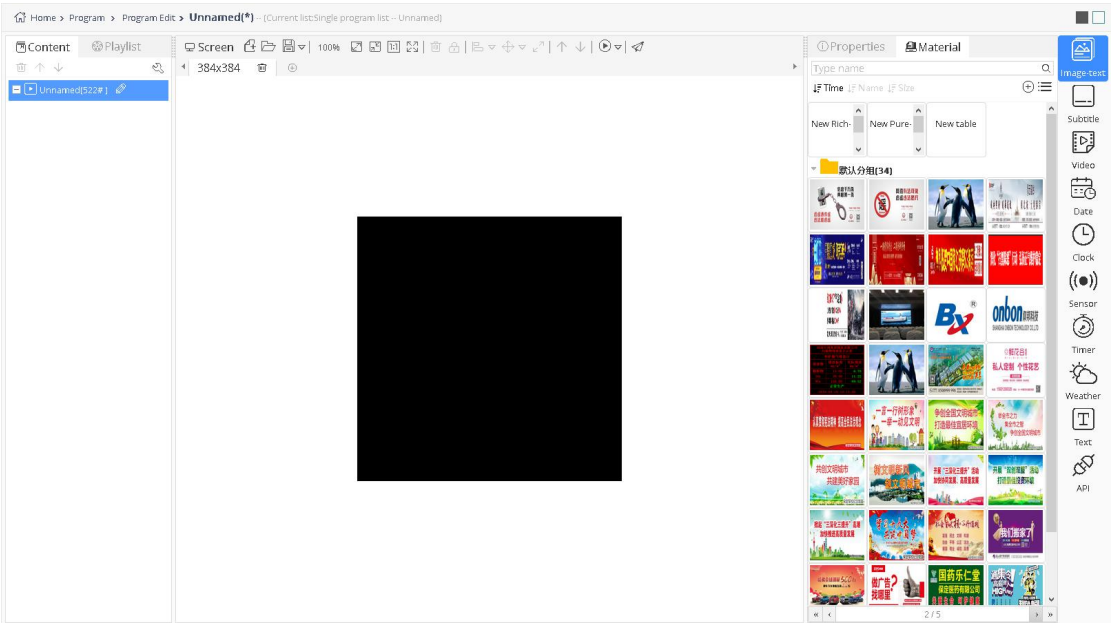
picture 5.3- 1

If users want to modify the original program ,can create new program in the ”open program” then will display the current program like shown in the picture 5.3- 2,click the “create new program”, then will return the window for creating new program.



picture 5.3- 2

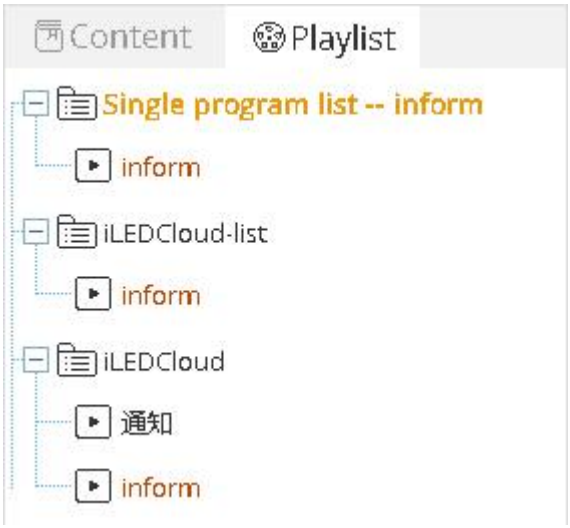
After create the new program then turn to the make program page ,including right,middle and right parts ,as shown in picture 5.3- 3.



picture 5.3- 3

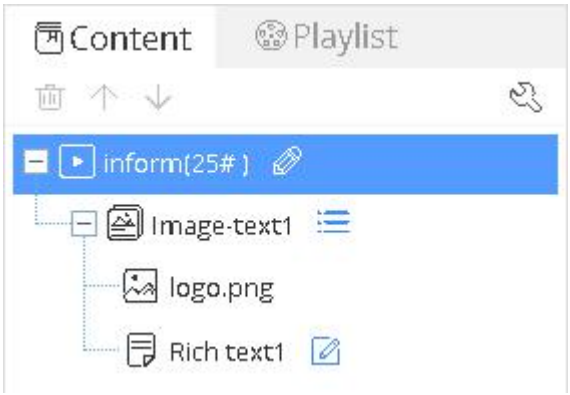
1. Left side of page

Left side of page including program items and playlist items ,playlist is at left of the page as shown in picture 5.3- 4, users can check all the playing program also can edit other program.



picture 5.3- 4

The content bar is used to display the program's tree structure, as shown in picture 5.3- 5, and some of the buttons are annotated as shown in table 5.3- 1.



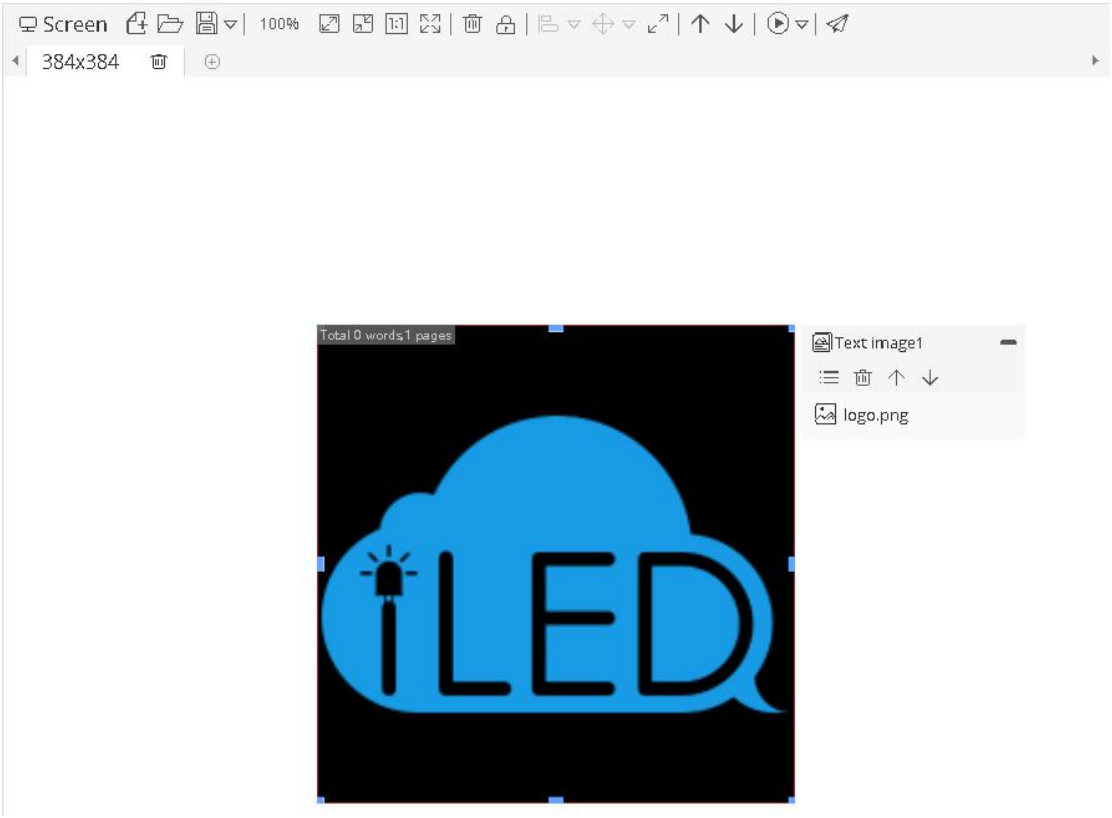
picture 5.3- 5

table 5.3- 1 content button function notes

Button	Function
	Delete
	Up Down button ,Edit the position of material
	Edit program name
	Edit list ,display material list under current area
	Content setting ,can open the content interface ,see picture 5.3- 6
	Edit button,edit text and table

2. Middle of the page

Middle of the page constructed by the screens used for zone and display effect like shown in the picture 5.3- 6, the button notes like in table 5.3- 2. the black background is screen, user can edit the zone, and also can add or delete drawing board.



picture 5.3-6

table 5.3-2 screen button function notes

Button	Function
	create new program
	Open program
	Save program（There are save as and delete program button in sub menu）
	Zoom rate, showing the scale of the current screen, and manually adjusting
	Zoom up screen
	Zoom down screen
	1:1 display screen
	full screen display
	delete the zone

	locked ,move after unlocked
	Alignment, can set alignment at same time by select multiple zones(There are a variety of alignments in the sub menu)
	size of assimilation, can remain consistent size, the width or height of the selected multiple zones.(There are a variety of size assimilation in the sub menu）
	zone can expend to full screen
	move up and down, can change the selected zone construction location
	Non gray scale program preview button,preview different color based program effect (Please choice single color ,dual color and tri color button in sub menu)
	play the program to preview（There are accelerate display ,normal display ,accelerate display button in sub menu）
	Release program

3. Right of the page

Right of the page including the zone ,properties zone and material zone. It will show the corresponding zones, as shown in picture 5.3- 7,each zone have different effect ,user can use double click or drag to add zone.(v1.0.40 platform has deleted the picture zone and text zone, v1.0.42 platform has added the local live zone, v1.4.4 platform has added the voice zone and restored the text zone, v1.4.5 platform has merged the simple image-text zone and the rich text zone into the image-text text, v1.5.3 platform has added the colorful font zone)

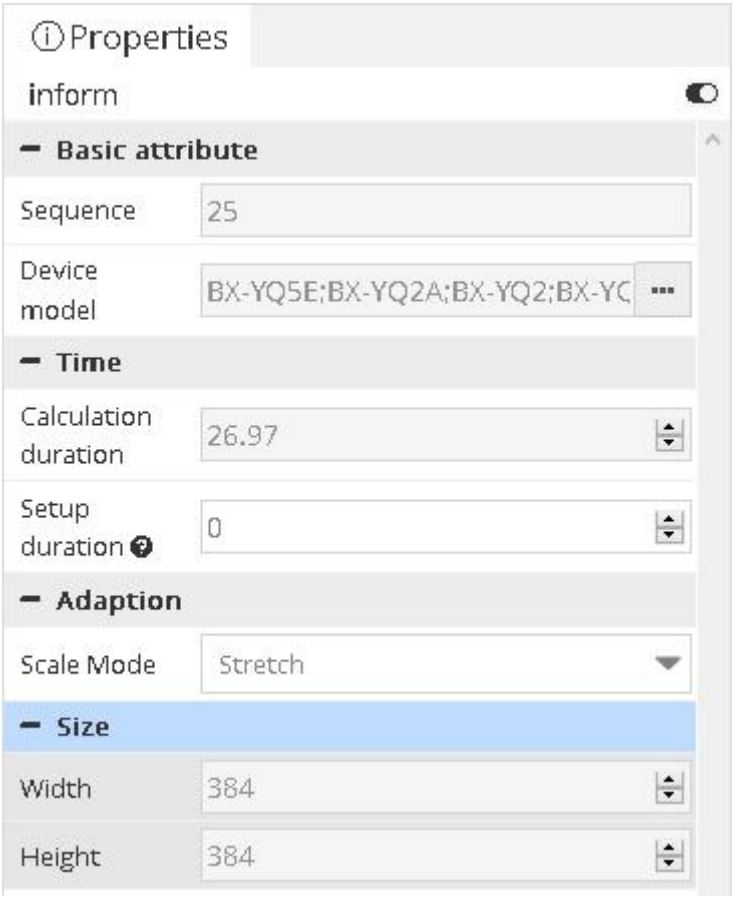
picture 5.3- 7

In the material items,there is different material for different zone as shown in picture 5.3- 8,user can use right click ,double click or drag function to add material.also use can add material by click add button as shown in picture 5.2- 19.

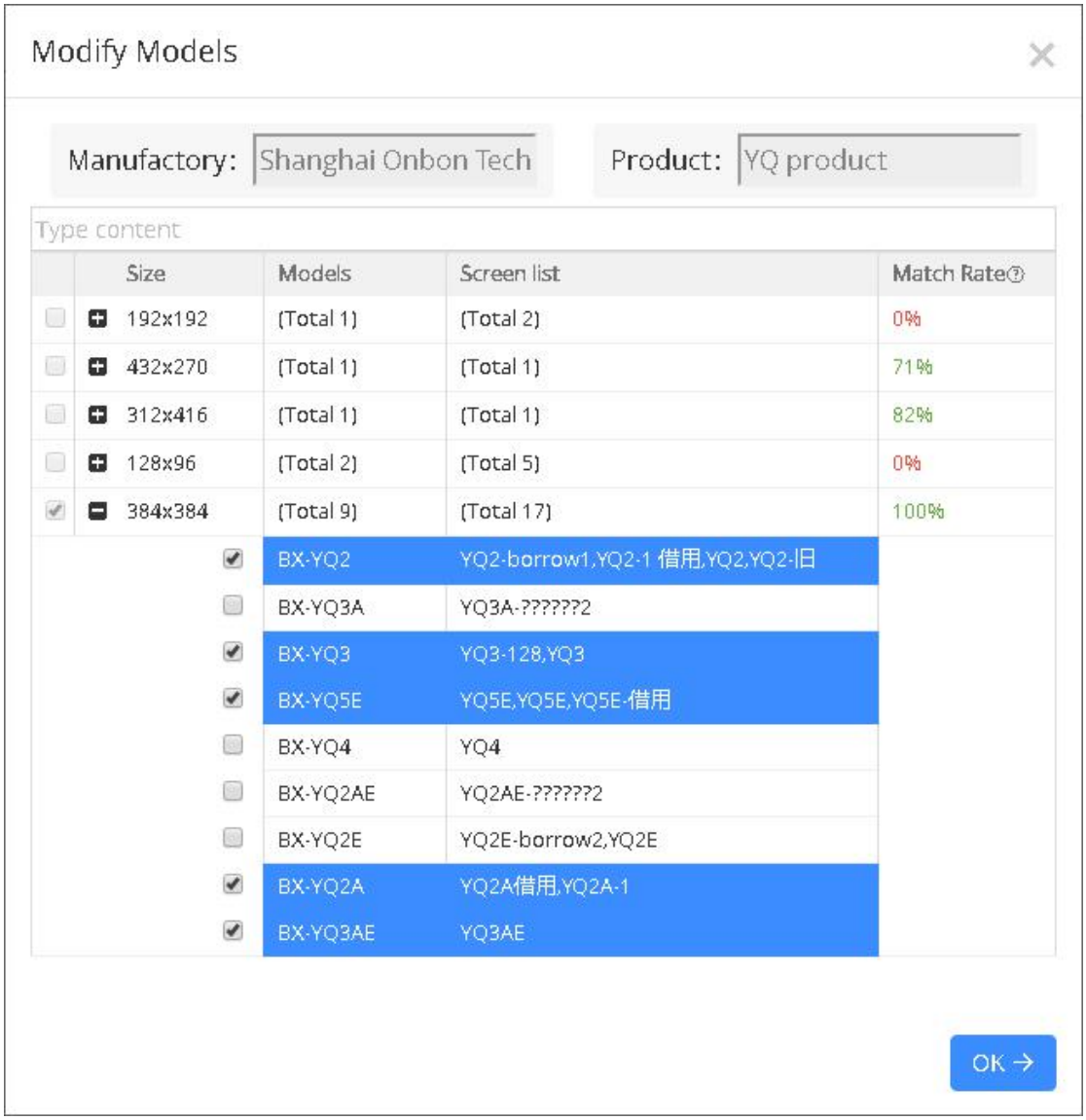
Properties
Material
Type name
Add material button
Time
Name
Size
New Rich-
New Pure-
New table
默认分组(34)
2 / 5

picture 5.3- 8

In the properties items will display current program and properties value,here take program properties as an example as shown in picture 5.3- 9,user can use the device model to setup .when reset ,user only can select the device model same as the program size .as shown in picture 5.3- 10.The new "setup time duration" attribute will only work if the program is posted to the syncing screen.



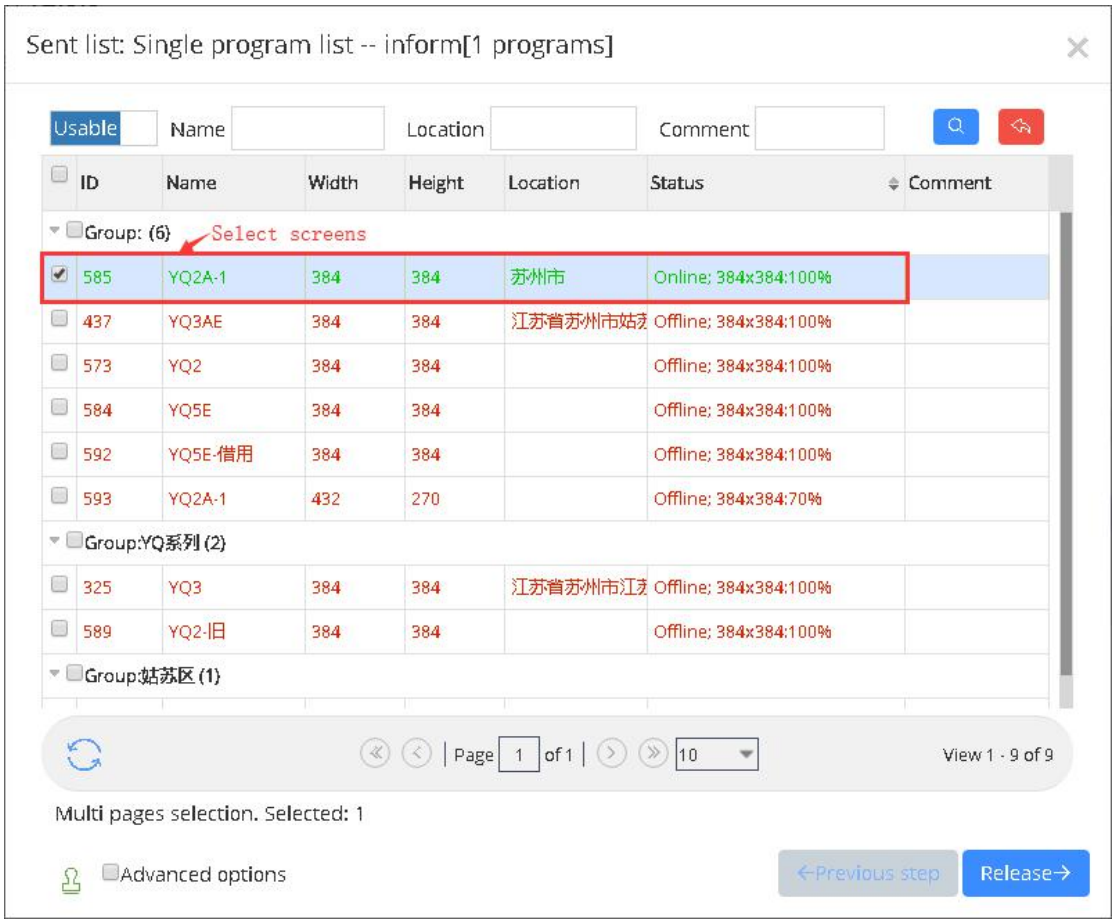
picture 5.3- 9



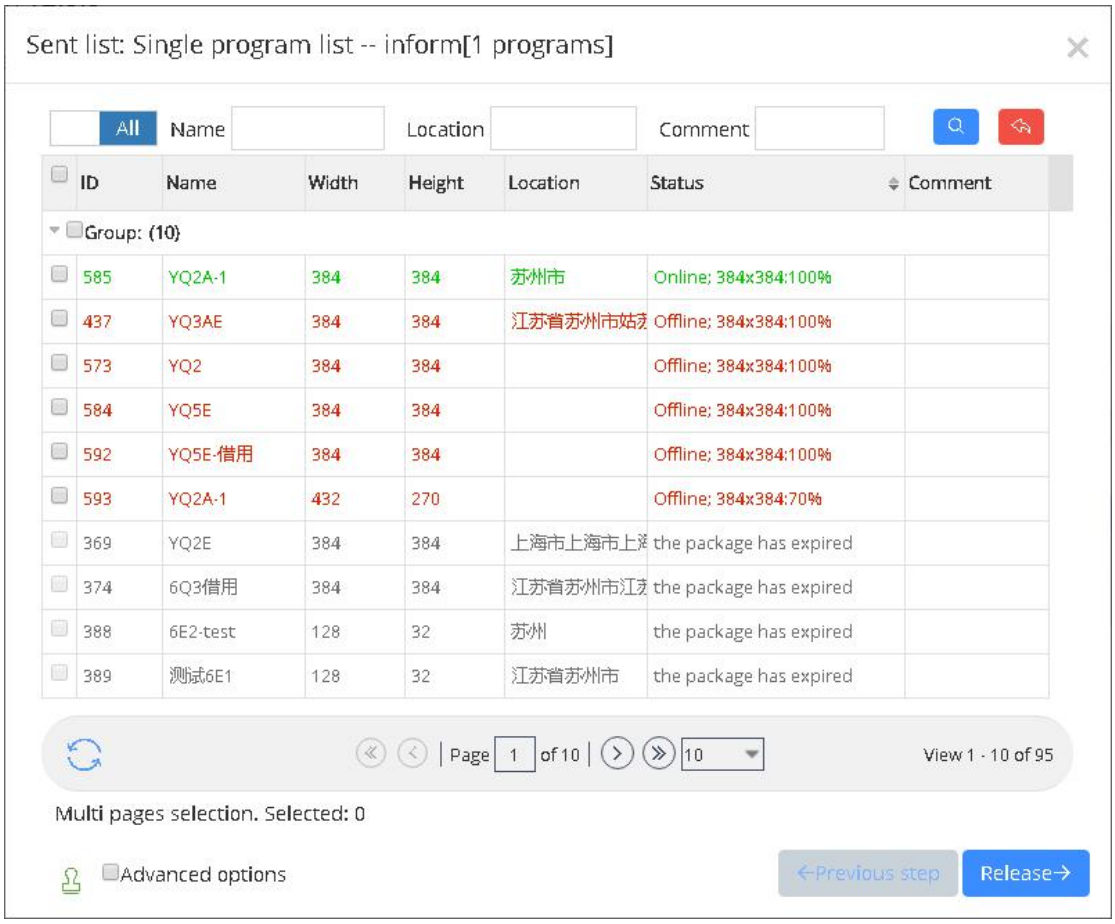
picture 5.3- 10

5.3.1.1 Release in the making program page

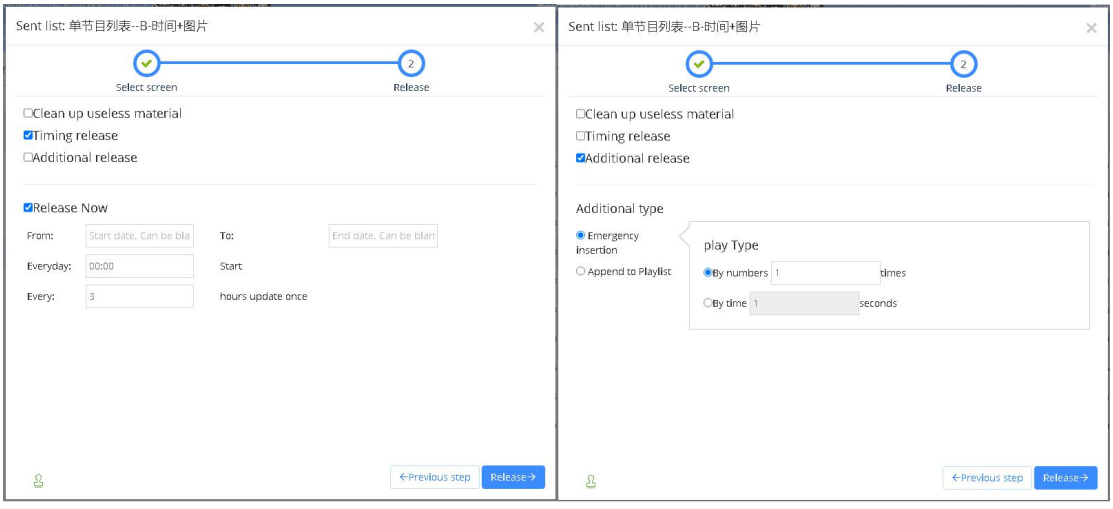
Users can release the program by clicking the release button then enter into the release guide .In the play settings, Users can select the corresponding screen, like picture 5.3- 11, under “Usable screen”it will show the screen which is 60% matched with program, and it is also the screen which is supported by the program; Under “All screen”, like picture 5.3- 12, it will show all the programs under this account, and the reasons why it cannot be used. If users select “release directly” and click “Finish”, then, it will release immediately; If users check the "Clean up useless material" option, will clean the old program then release the new program.



picture 5.3- 11

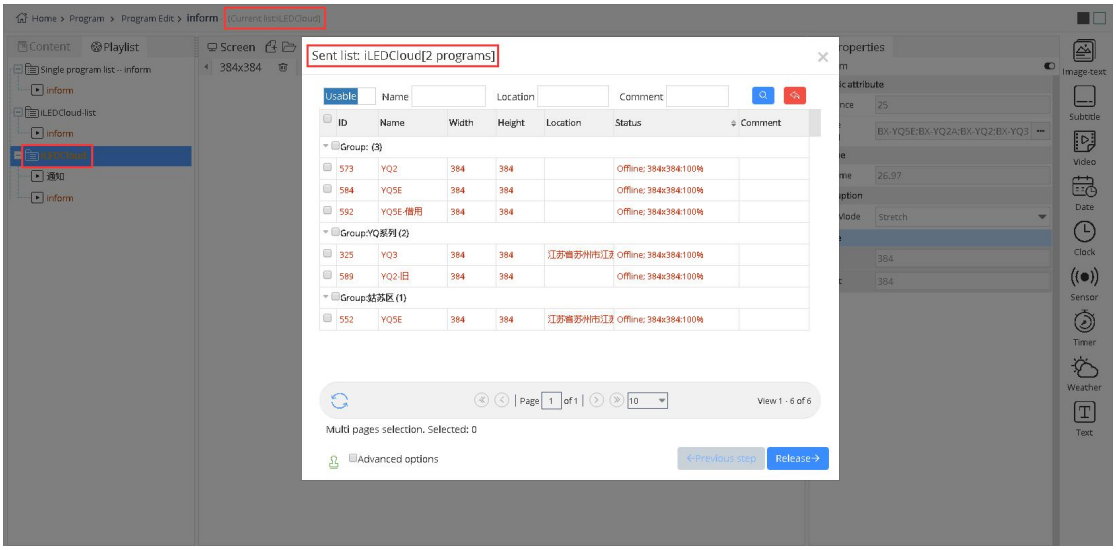


picture 5.3- 12



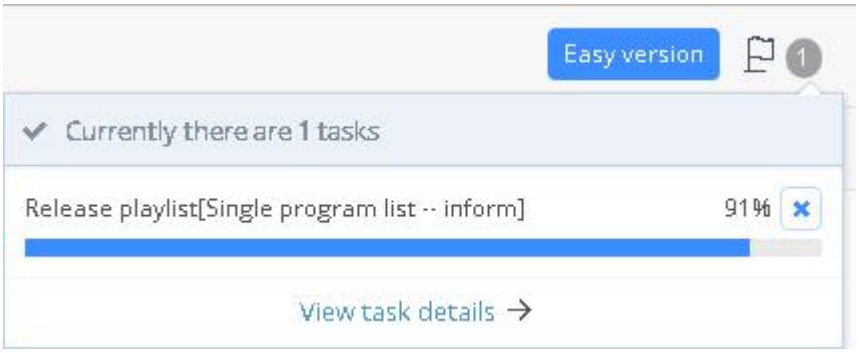
picture 5.3- 13

Users can also release playing list on “Programs”, like picture 5.3-14: switch to “playing list” page, click the playing list name, and then click “release” button.



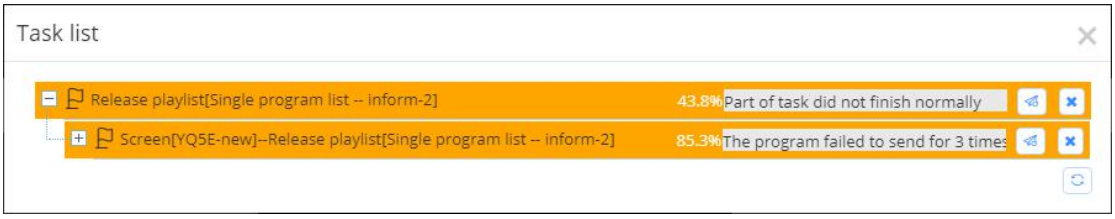
picture 5.3-14

After finishing the program release wizard, you can check the release process in the top right corner of the page view as shown in picture 5.3- 15,Now, iLEDCloud can be used to release, to operate as to create the releasing task for both online or offline screen, like picture 5.3- 16. For online screen, will release the program as usual; For offline screen, it will inform you that “the screen is not online, will resend automatically when it’s online”, if it is failed for 3 times, our platform will inform you and ask you to resend. Like picture 5.3- 17.



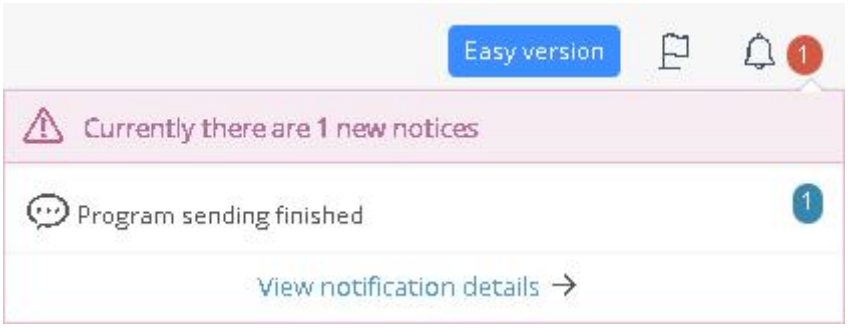
picture 5.3- 15

picture 5.3- 16



picture 5.3- 17

You can check here, whether the program is sent successfully.



picture 5.3- 18

picture 5.3- 19

5.3.1.2 Self-adaption function

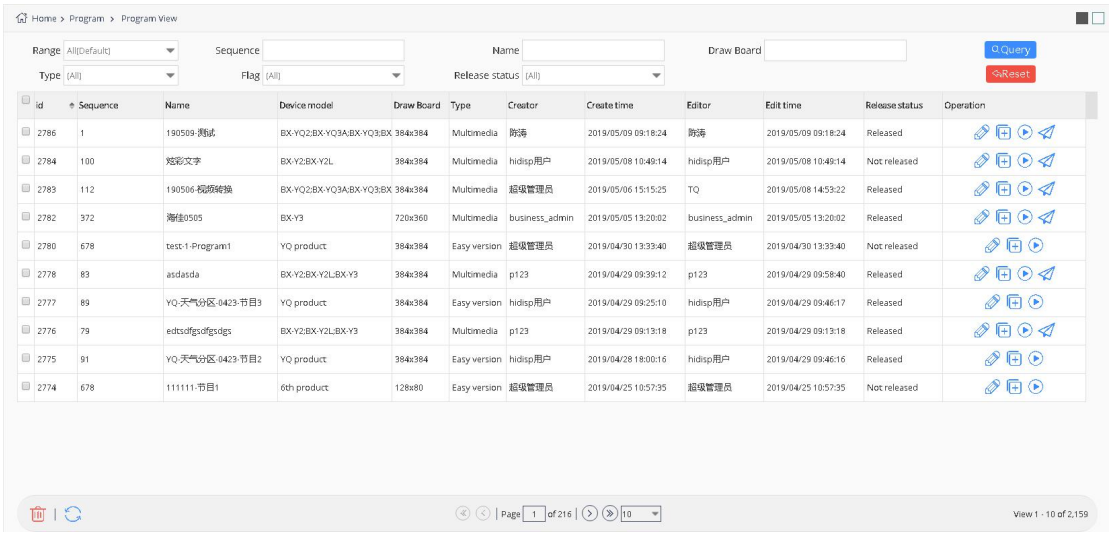
Self-adaption function means the program can match with different sizes screen automatically in a fixed range.There are two programs types, multimedia program and text program.Multimedia program supports adding many sizes drawing boards. When users want to release programs, platform will count the matching rate, if the matching rate is over than 60%, the program will be sent successfully; If the matching rate is less then 60%, then, cannot. For this circumstance, users can add corresponding size drawing board as to solve this problem. Text program support only one size drawing board, and it can be 100% matched.

We also add the properties which is relative to program properties and zone properties. Add “scale mode” in program properties, it’s stretch and according to width and height. Add “scale

mode", "wrap line height", "wrap lines number", "font scale" in zone properties. Scale mode in zone is the same with program properties. Wrap line height, when users set value, if the zone height transcend the wrap line height, zone will do line feeds automatically, and the font size will be made by the properties of wrap line height, and it's fixed. Wrap lines number means the zone will change to the lines which is set by wrap lines number and the font size will be changed by the height of zone. Wrap line height and wrap lines number influence the effect of line feeds in zone. If users set values for both, zone height transcends wrap line height, then, the contents in zone will change to the corresponding lines according to the value in wrap lines number. And with the bigger of zone height, font size will be bigger too; If users set only wrap line height, zone height transcends wrap line height, then, zone will do line feeds, the lines number is according to the zone height, and the font size is fixed. If both of them are 0, then, default is no "line feeds". Font scale will valid only in this drawing board.

5.3.2 Program view

User can view all program from program management as shown in the picture 5.3-20, there is some button notes like in the table 5.3-3.

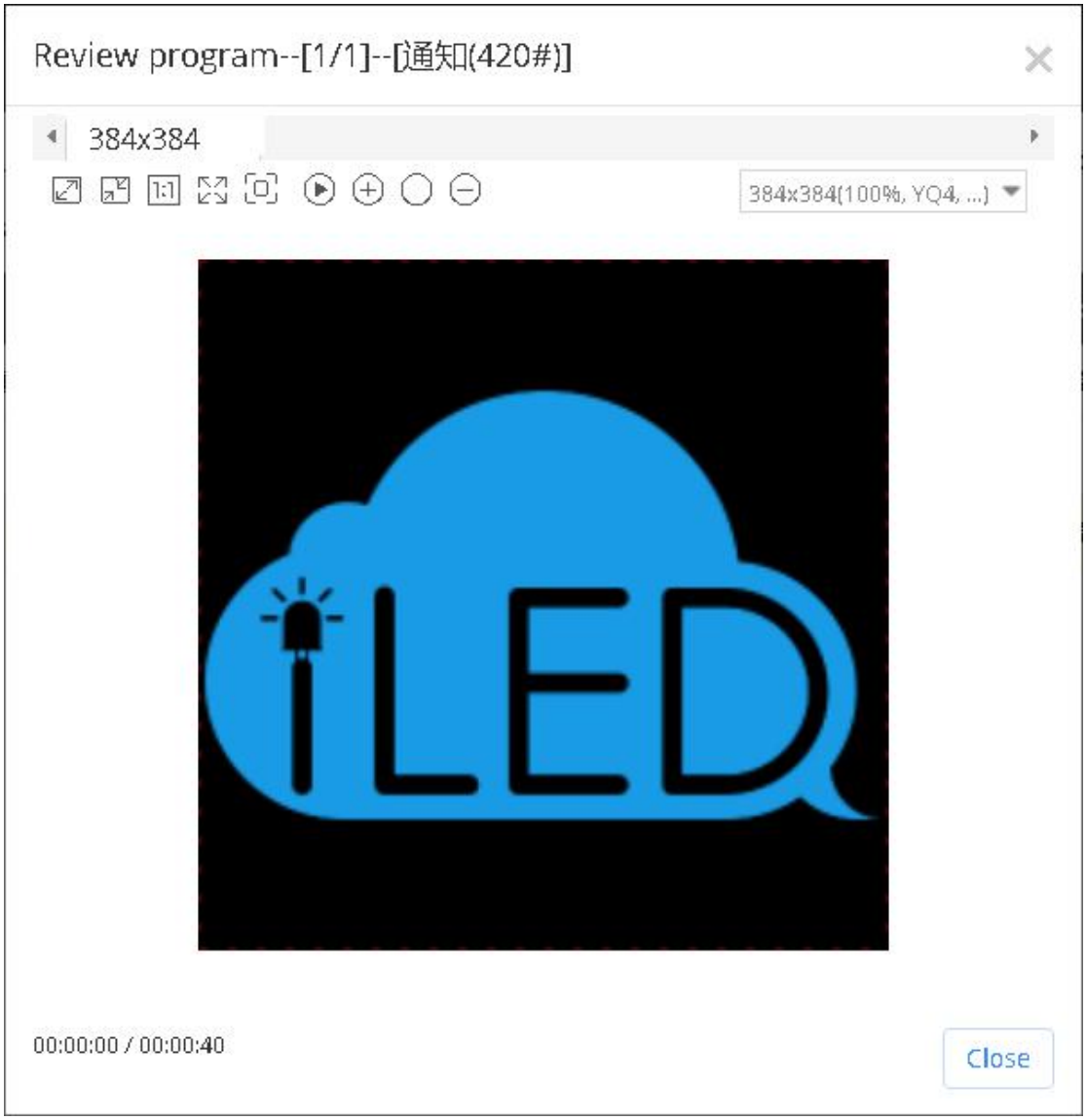


picture 5.3-20

table 5.3-3 program view button notes

button	Function

	Edit program button ,click to create program ,user can modify it according to the original program. If user want to edit the program of simple version, a prompt message will pop up, after confirming user will enter the edit page of this program.
	Preview button ,click and step into the preview page as shown in the picture 5.3- 20
	Release button ,click and step into the release process as shown in the picture 5.3- 11~picture 5.3- 13
	Copy program button



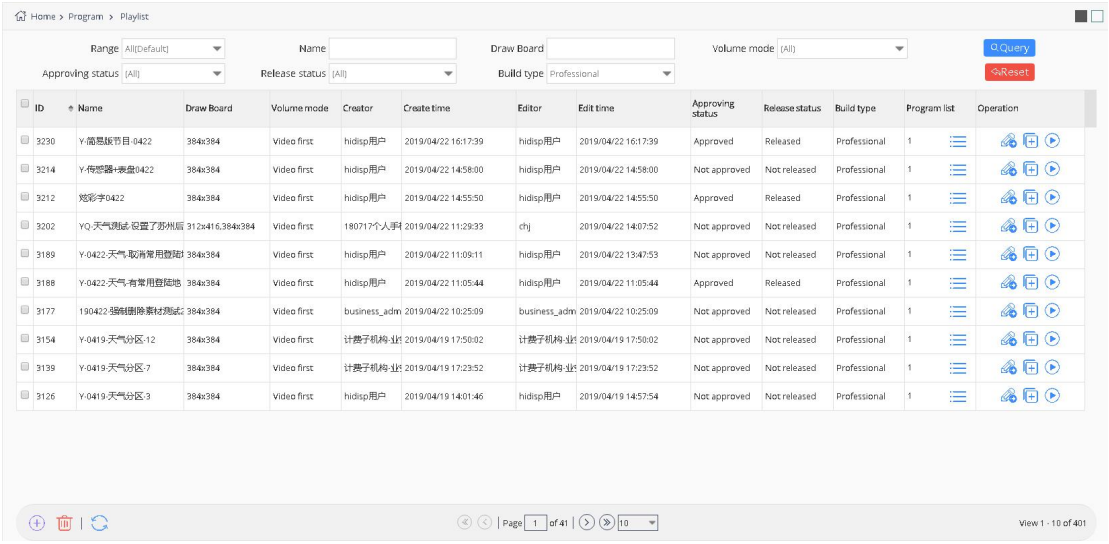
picture 5.3- 21

5.3.2.1 Pre set program

When users add controller in our platform, it will add some programs automatically according to this controller (including text, graphic, video), as to give some simple testing programs for customers. Those pre set programs are added automatically, users cannot edit and cannot delete, and it will not waste your network flow which you already bought.

5.3.3 playlist

Users can view all the playlist in the program management page ,as shown in the picture 5.3- 22 ,and manage the playlist button as shown in the table 5.3- 4

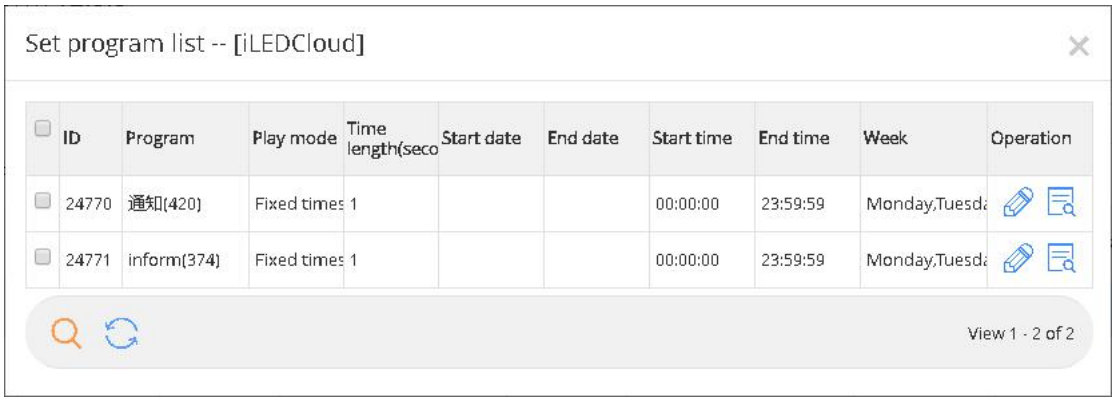


picture 5.3- 22

table 5.3- 4 playlist button function notes

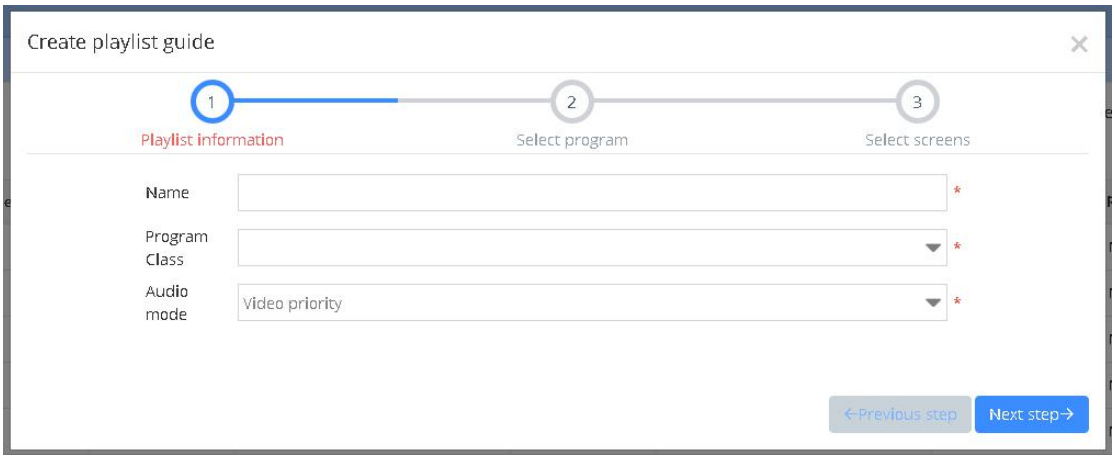
button	Function
	Program list button ,click to view and edit the playlist as shown in the picture 5.3- 23
	Edit button ,click to modify the playlist guide.If user want to edit the playlist of simple version, a prompt message will pop up, after confirming user will enter the playlist wizard interface of this playlist.
	Play button ,click to preview the playlist
	Copy “Play list” button

If users want to edit playlists, can click program list button, as shown in the picture 5.3-23, can add ,edit view and make order adjustment, click the edit button to change the program mode and play time, click move up down button to set the program broadcast priorities order.



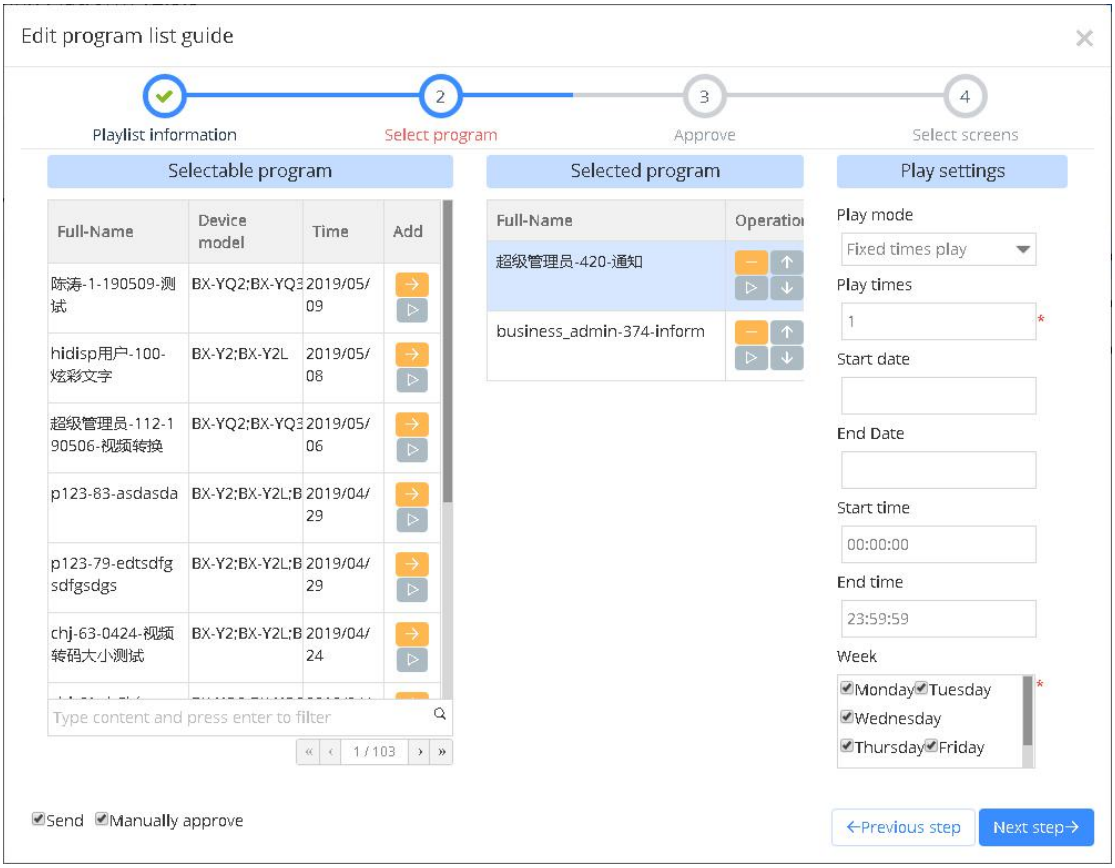
picture 5.3-23

Users in the playlist page click add or edit button, will enter the playlist wizard interface, as shown in picture 5.3-24, users need to fill in the corresponding name, program types and audio mode.



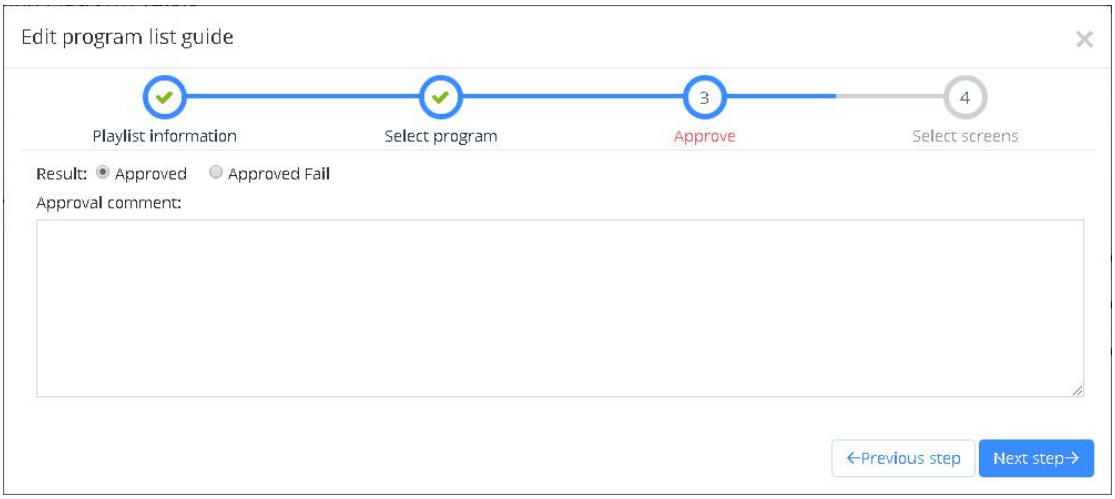
picture 5.3-24

Then click "next step", as shown in picture 5.3-25, click the button , add program to the playlist ,or view the program through button , remove the program by button ,after select “manually approve “release”s ,then will skip the review and release, simply create list, after that need manually reviewed after release).



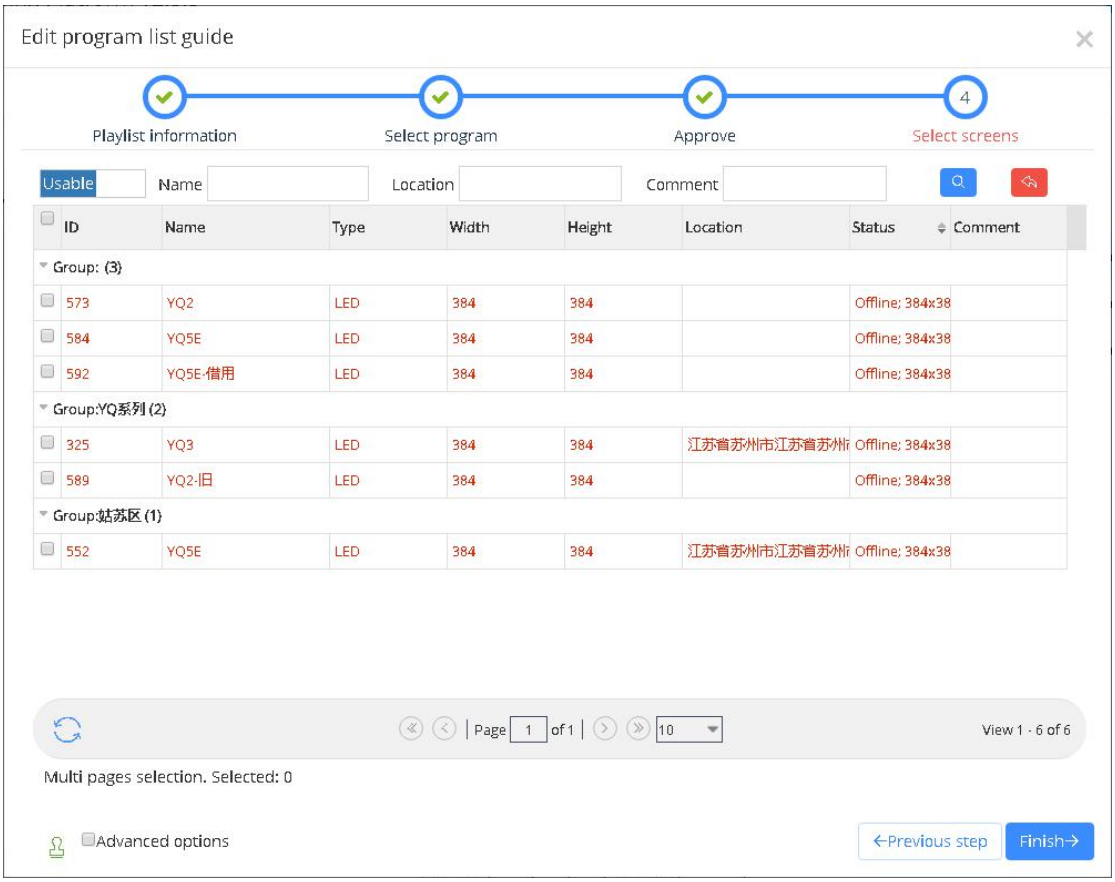
picture 5.3- 25

Click the next step to the manual approve interface as shown in the picture 5.3- 26, select the result as “approved”



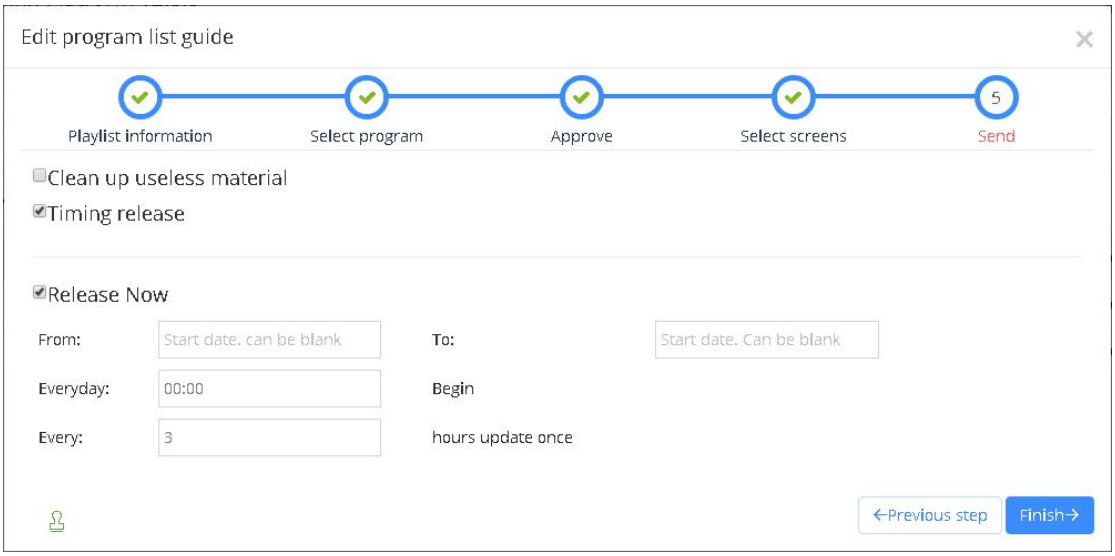
picture 5.3- 26

Click the next step button as shown in the picture 5.3- 27, select the screen, then will display the correspond usable screen ,user can view the screen status in the “all screen” option.



picture 5.3- 27

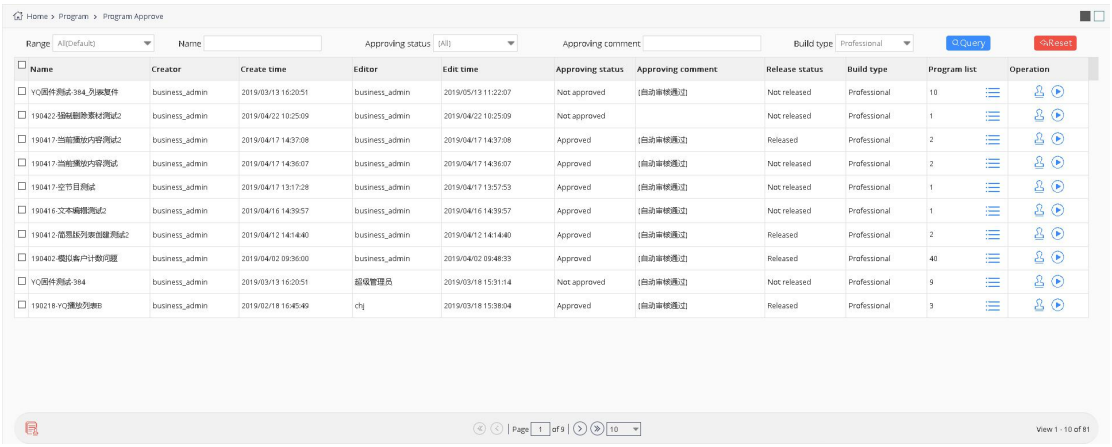
If user want to create auto task, need to check the “Advanced options” and click the next step as shown in the picture 5.3- 28, users write the data then click finish will be ok.



picture 5.3- 28

5.3.4 Program approve

Users can see all the playlist in the program management as shown in the picture 5.3-29, there is button on the page as shown in table 5.3-5



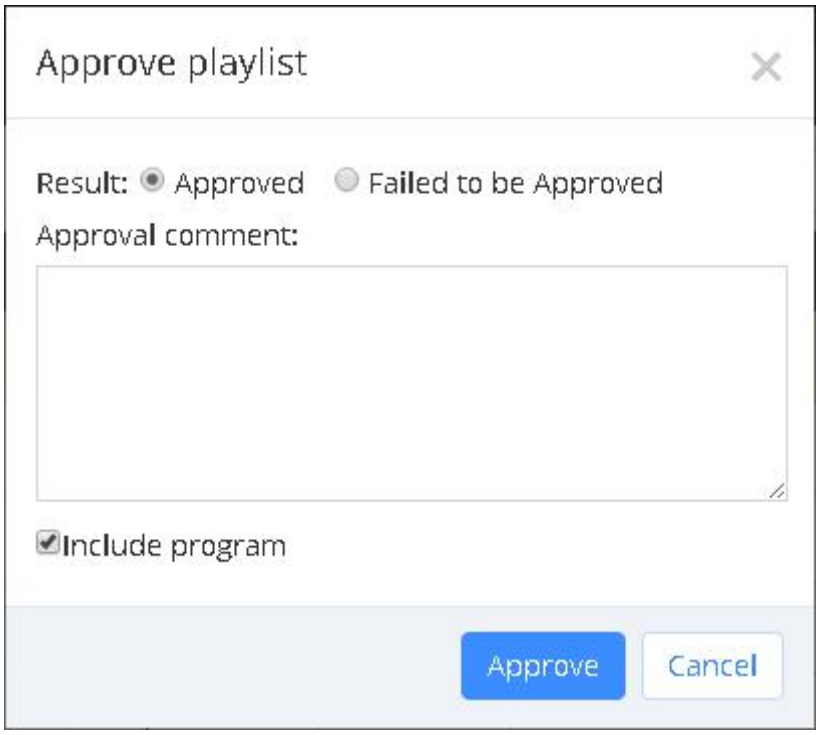
picture 5.3-29

table 5.3-5 program approve function notes

button	Function
	Program list button ,only can check current program list ,can't edit or modify as shown in the picture 5.3-30
	Program approve button ,can approve single or multiple program

picture 5.3-30

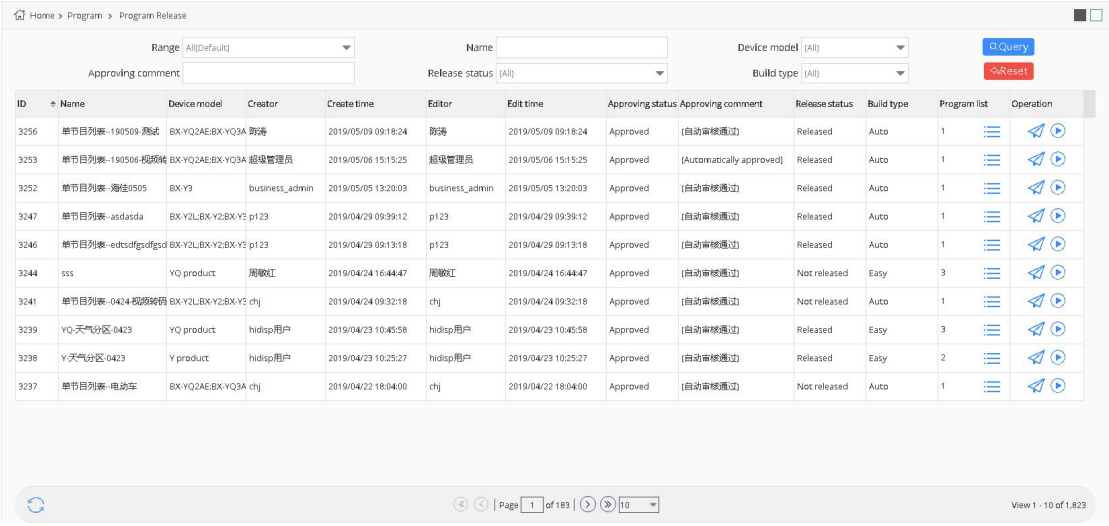
user can click the button to approve the program by single or multiple as shown in picture 5.3-31To prevent duplicate audit, the audit button is hidden after the list audited.



picture 5.3- 31

5.3.5 Program release

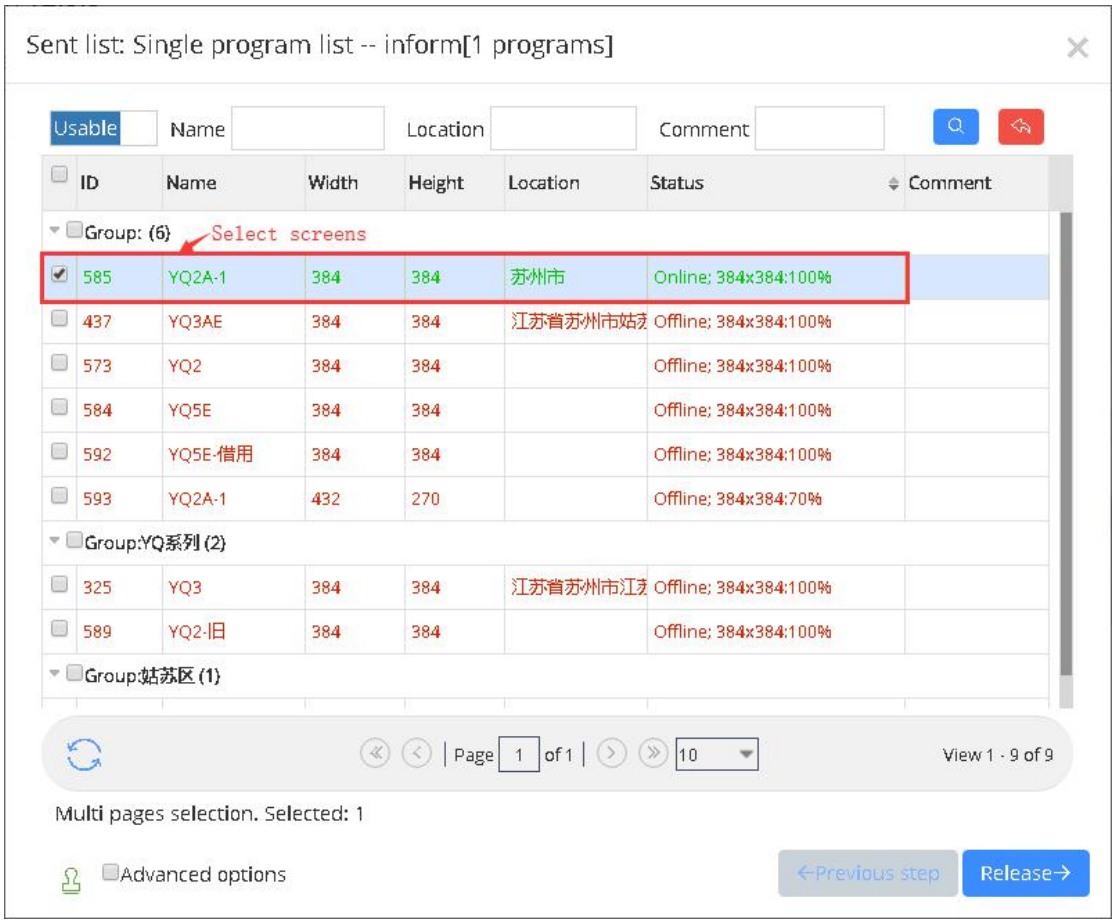
User can view the in the approved playlist from program release management page (note:not allowed to release the failed audit program list), as shown in picture 5.3- 32,user can view playlists, release and preview for each approved list.



picture 5.3- 32

User click the release button of each play list can step into the release interface as shown in

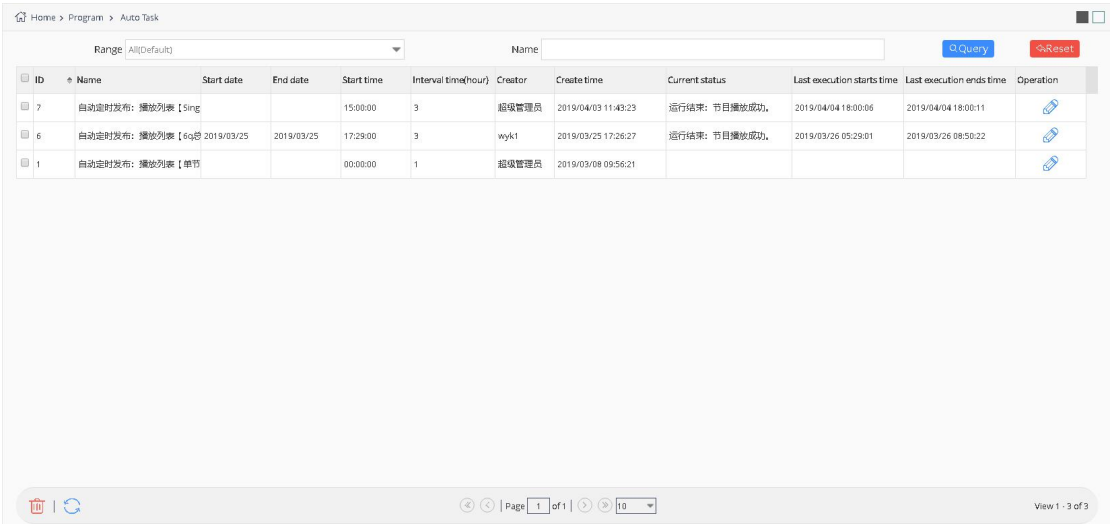
picture 5.3-33, user can select the next step to finish the release according to the release mode. If users need timing releasing automatically or adding to release (only for single program list),you can set by Advanced options, as picture 5.3-13.



picture 5.3-33 release

5.3.6 Automatically release task

In program management of the automatic release task page, will show timing automatically release task at the end of the release program, as shown in picture 5.3-34.Users can modify, and delete operations, automatic release task modification operations can modify the task start date and end date, start time and interval time, delete operation requires users to select the corresponding tasks, then click the delete button.



picture 5.3- 34

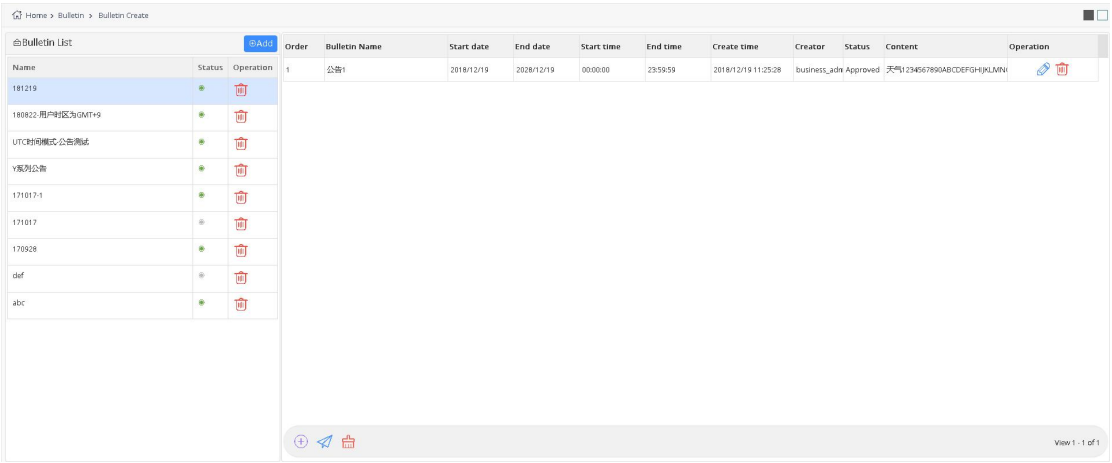
5.4 Bulletin Management

bulletin Management function is released in the version after V1.0.42 (including V1.0.42), users can create, edit, check, audit and release bulletin by this function. Presently, this bulletin can only be released to online YQ and Y series controller.

5.4.1 Create bulletin

Users can create new bulletin list and new bulletin. If the current users have right, he can also finish the releasing operation.

On the page of creating bulletin, the left side is bulletin list, and the right side is bulletins for each list. Like picture 5.4-1. Every bulletin list can add mostly 10 bulletins.

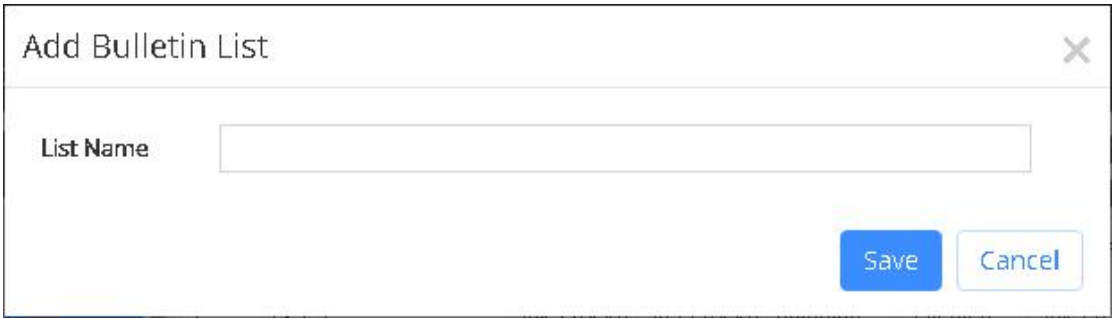


picture 5.4-1

table 5.4- 1 bulletin management button and notes

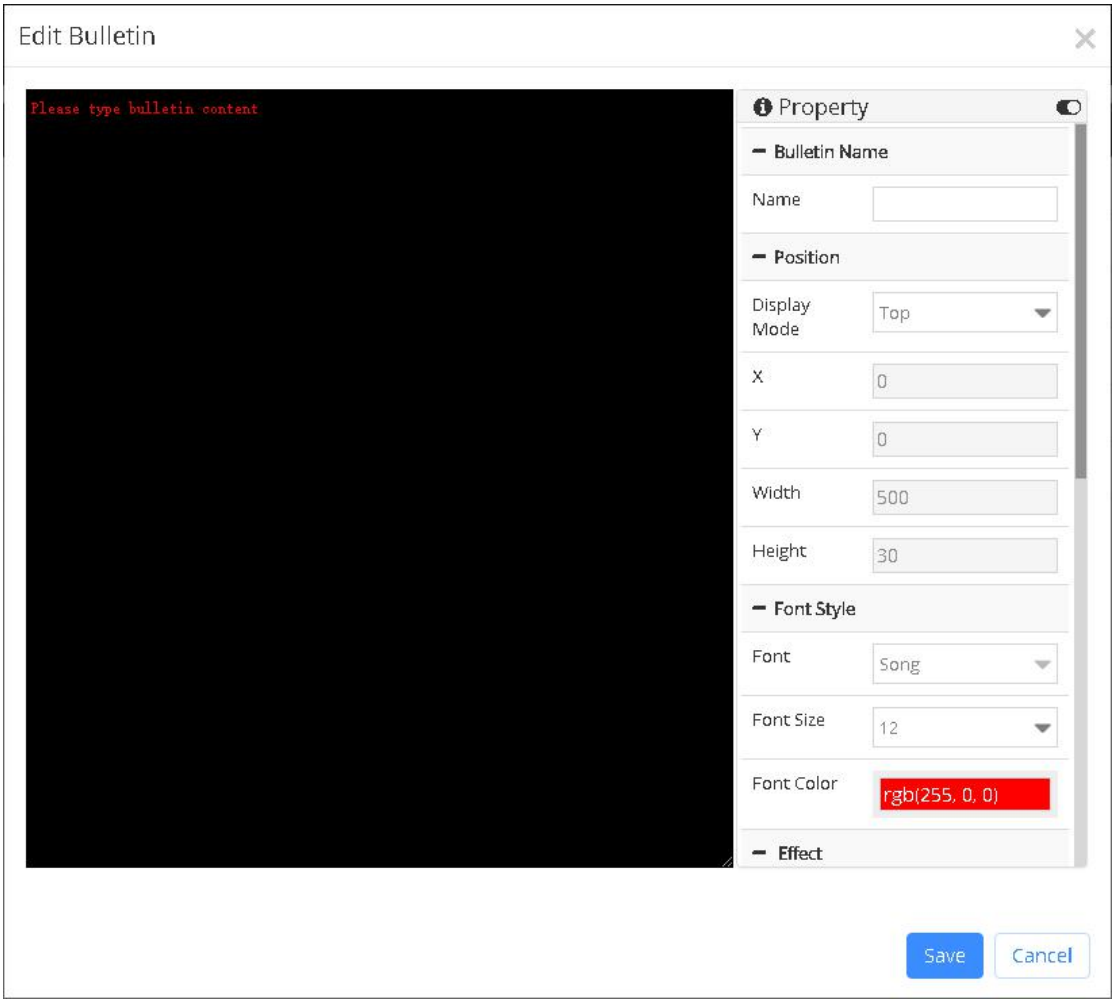
Button	Function
	Bulletin release button， click to display the screen page on line, after users select it ,then can finish the bulletin release.
	Clean bulletin button ,click to display the online screen pages ,after users select it, then can clean the bulletin list.

Click “Add” button on bulletin list, and input the list name, like picture 5.4-2.



picture 5.4-2

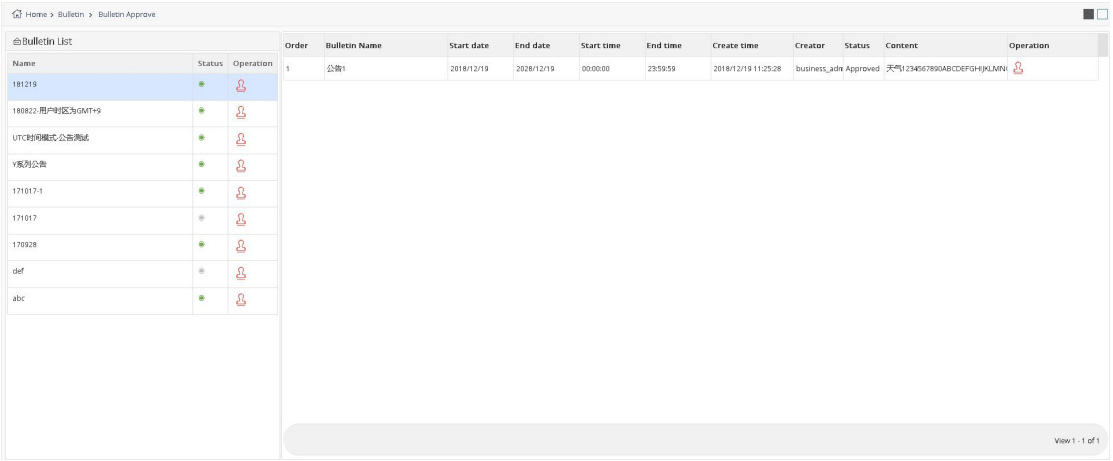
After create bulletin, click “Add” button on the right corner, will show Edit bulletin page, like picture 5.4-3. “Name”; “Display mode” (top, bottom, middle and customized), for customized, users can decide the width and height according to their requirements. “Permanent play”, if you choose “yes”, it will keep playing after plug off/on and if you choose “no”, the bulletin will be deleted after plug off/on; Users can also set playing period. “Background”, users can set the background for bulletin(please note that YQ2E,YQ3 and YQ4 cannot set transparent background).



picture 5.4-3

5.4.2 Bulletin Approve

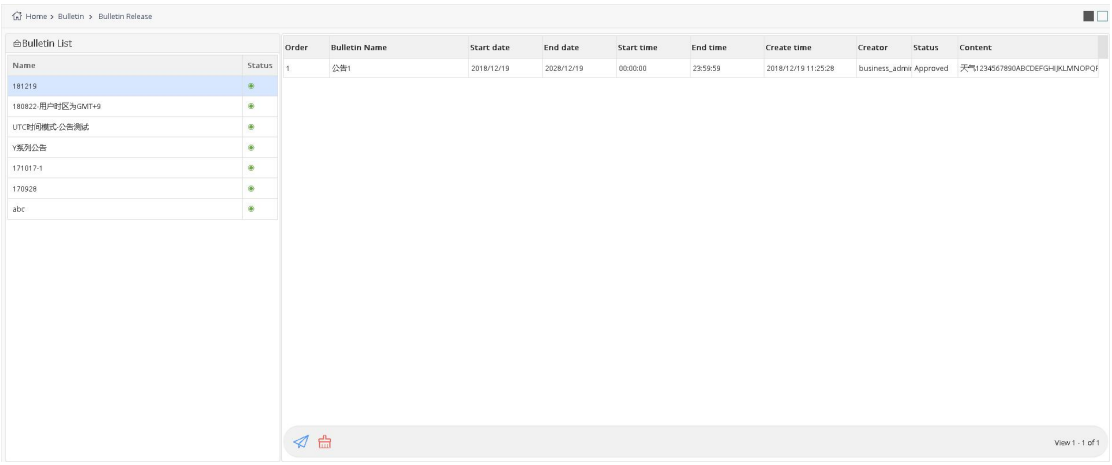
Users can check all the bulletin lists from Bulletin Approve, like picture 5.4-4.



picture 5.4-4

5.4.3 Bulletin Release

Users can see all the approved bulletin lists on Bulletin Release （Note: the bulletin lists which are not released is not allowed to play), like picture 5.4-5.



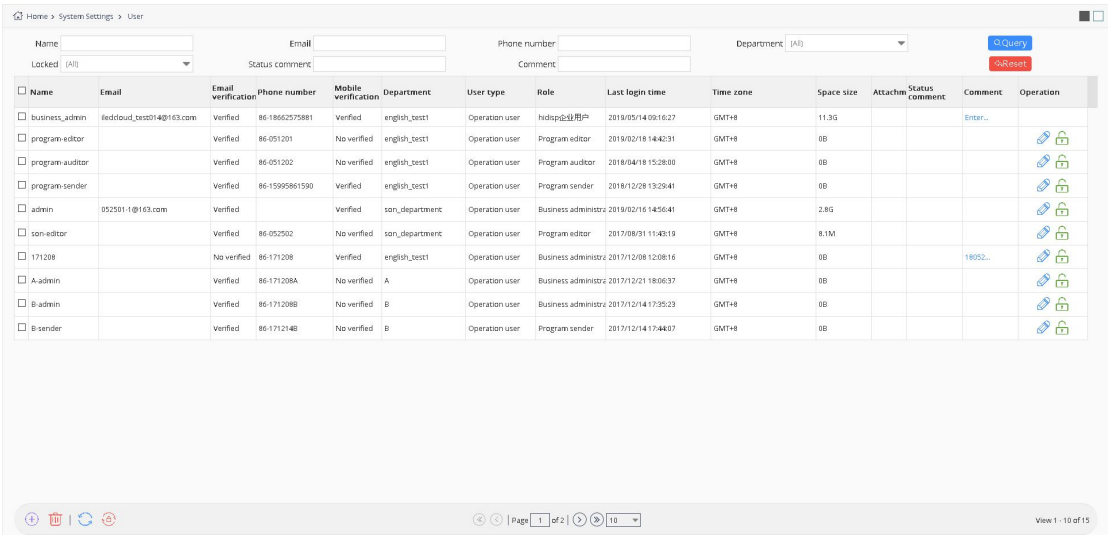
picture 5.4-5

5.5 System management

Different user type will have different management function in the system. if user is “business administrator ”,then can operate the follow roles: editor ,assessor and release person and so on. if user is “private account” then can only check the operation log information of his own in the system management.

5.5.1 User management

If only the business administrator can manage the user in the system as shown in the picture 5.5- 1, there are some button notes in the page ,as shown in the table 5.5- 1, can add, modify, delete and lock the user.

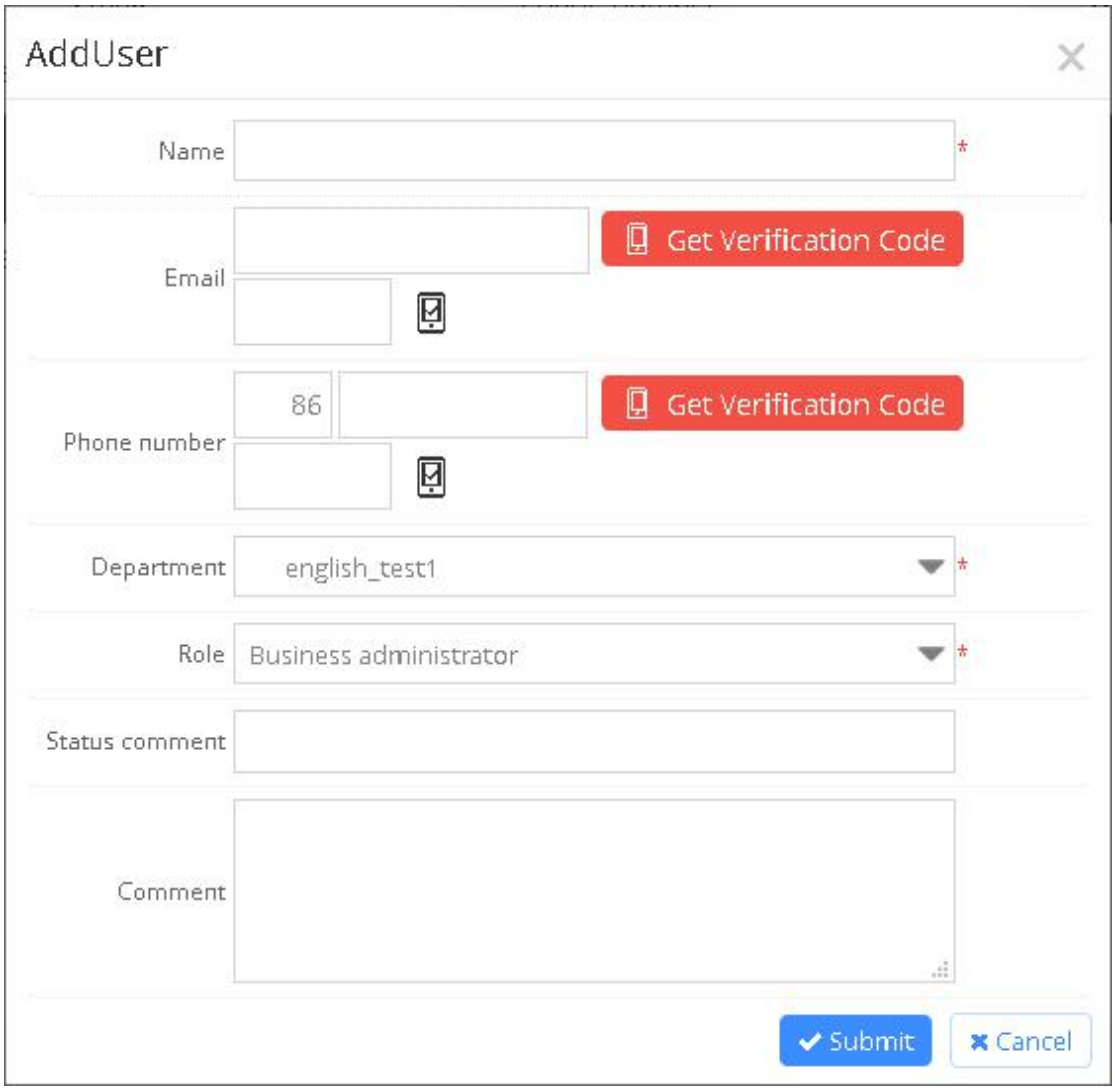


picture 5.5- 1

table 5.5- 1 user management button and function notes

button	Function
	Lock button, click to lock user, the locked user can’t log in the platform
	Reset the password button ,select user and click to reset the administrator log in password ,after that rest the password as 000000 .

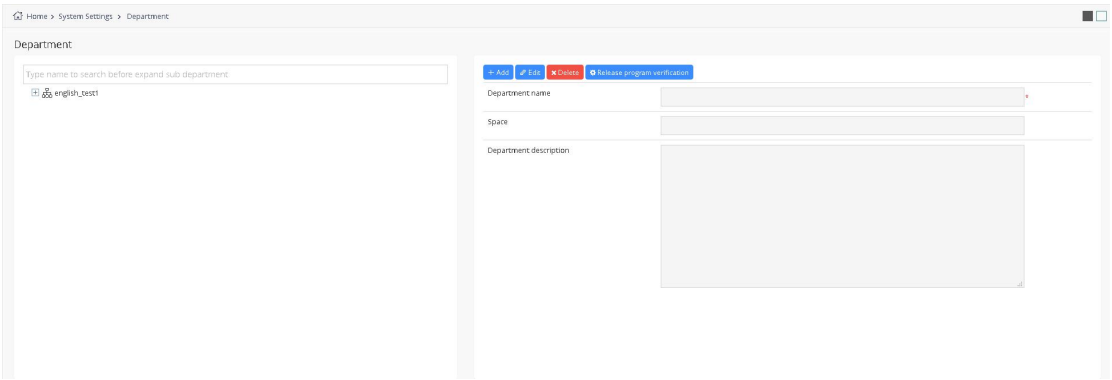
When the business administrator need add record ,can click the button as shown in the picture 5.5- 2 , email address or phone number, also whether it’ s email or phone, all need dynamic verification. The new user default password is 000000. When the administrator allocation the user information ,click the modify button after the user record ,then pop up the same add page and allocation ,and modify them is ok .if want to locked the user ,click the according locked button of the user record, after locked ,the user can’t log in this platform.



picture 5.5-2

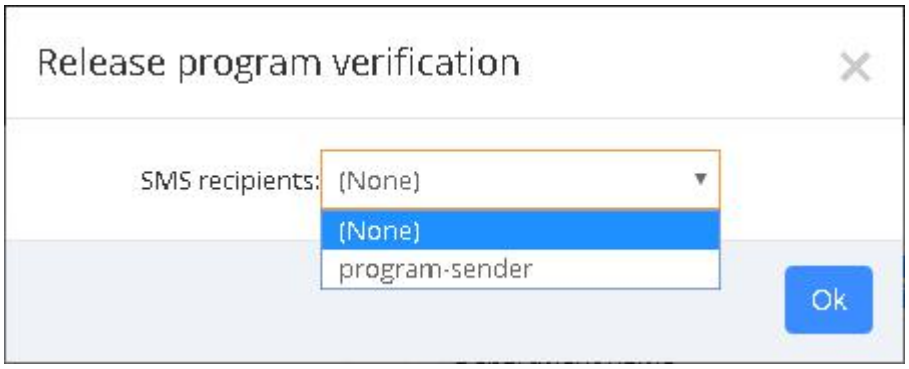
5.5.2 Department management

When the user role is the business administrator, can management organization in the system, as shown in picture 5.5-3, can add, modify, and delete, etc on the page. If you want to add department, user need select a superior department, click the add button, enter the relevant information, then click on the submit. If to change institutions, to select an department, click the modify button. when delete department, if there is existing user data in the selected department, then cannot be deleted.



picture 5.5-3

The business administrator can set up release program verification to the department. Selected one department ,then click on the "release program verification" button, will pop up Settings page, as shown in picture 5.5-4.open "SMS recipients “ list, binding a mobile phone number of users in the selected department. Selected to a particular user and click "ok", after the release program, will require input message authentication code before release wizard , otherwise can't release normally.

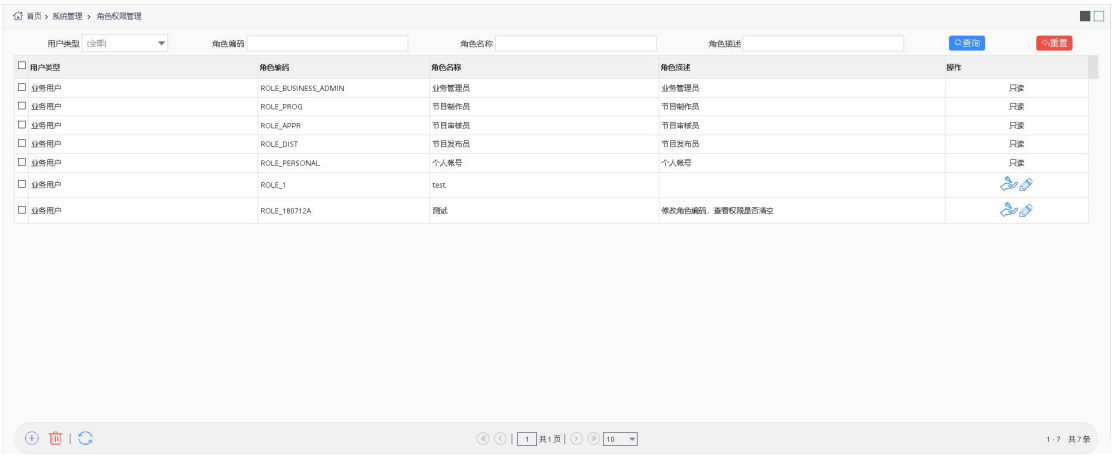


picture 5.5-4

5.5.3 Role authorization management

Only the business administrator can carry on the role authorization management in the system management, as shown in picture 5.5-5, some buttons on the page function, as shown in table 5.5-2.Can add new character, click the add button, as shown in picture 5.5-6, finish the new create after input corresponding information submitted. If you want to delete, select the role, click the delete button below. If you want to modify the role information, click the edit button corresponding records. change role authorization, as shown in picture 5.5-7.If you want to view the role of information, then click on the checking button of corresponding record .

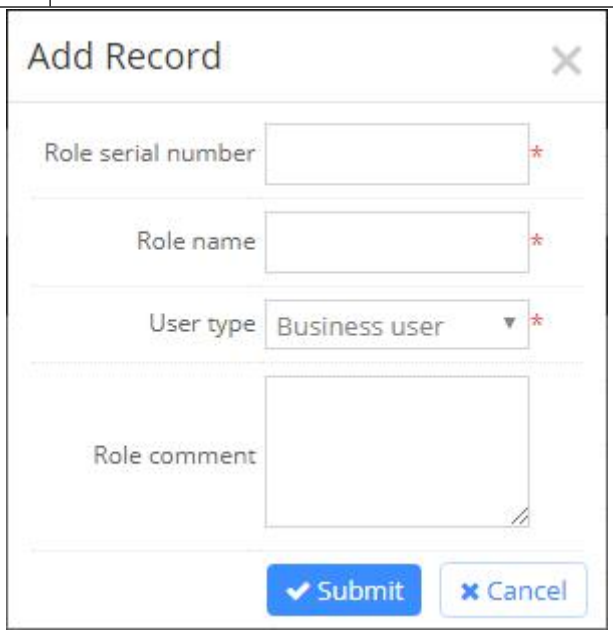
There are four default roles in the platform, they are: business administrator, program editor, program auditors, and program sender. Program editor mainly for add material, create the new program and edit, create and edit the play list . The program sender can send the program which have been audited to the screen.



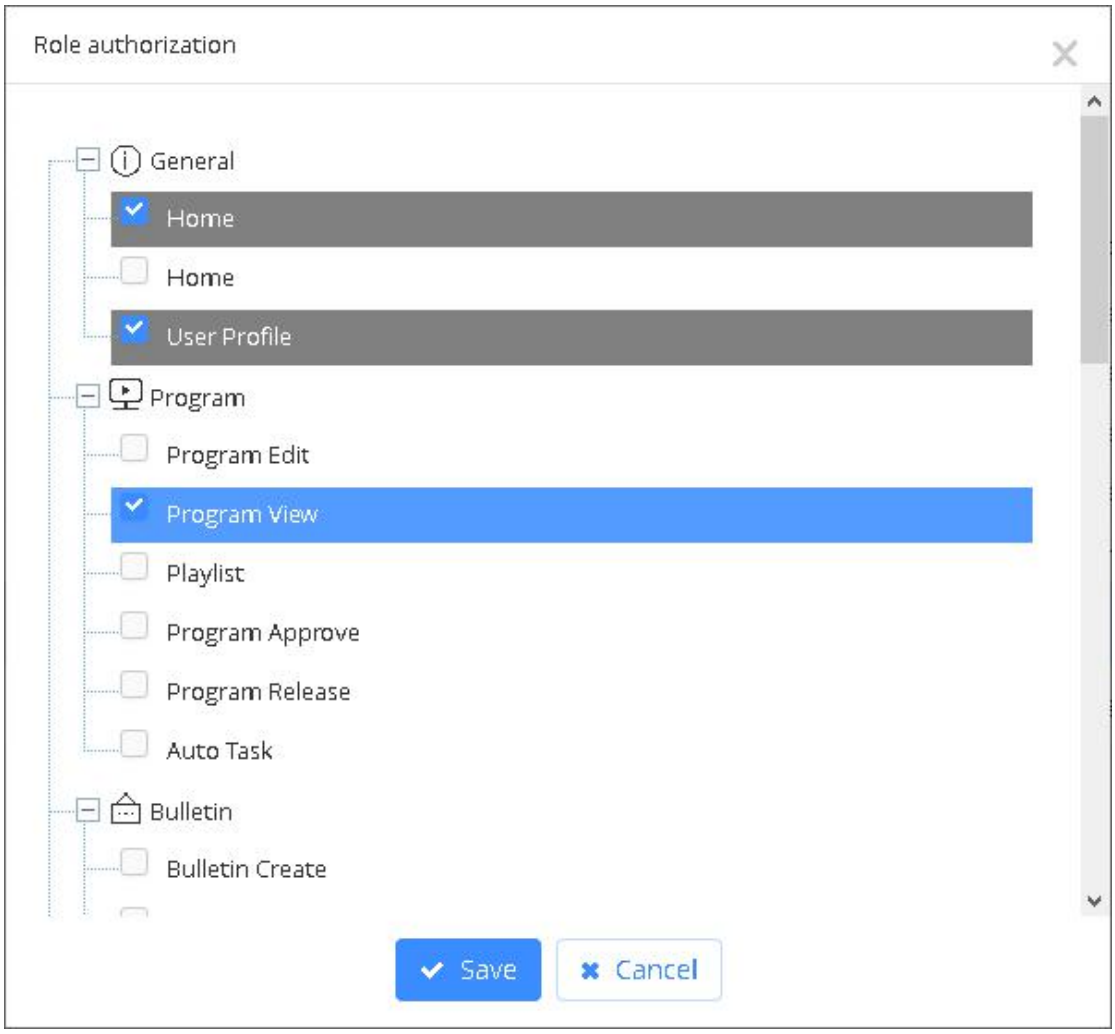
picture 5.5- 5

table 5.5- 2 role authorization management button and notes

button	Function
	Role authorization button ,authorized corresponding function to the role



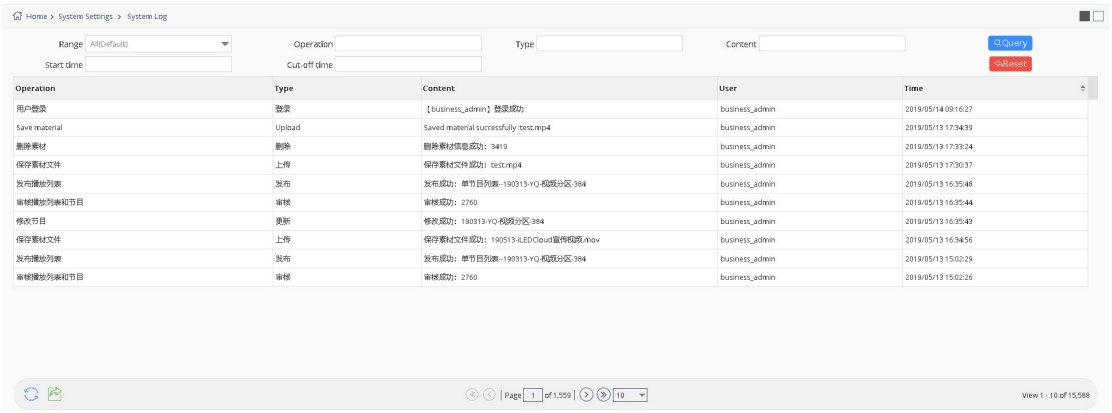
picture 5.5- 6



picture 5.5-7

5.5.4 Log management on system and log management on controller

Different roles of user has log management of system and log management of controller, for example, log management of system, as shown in picture 5.5-8, business administrator can view the all users behavior in the organization structure ,but other roles can only see their own operating behavior, such as login, add, delete, etc. Users can also export the log, export as xls format.



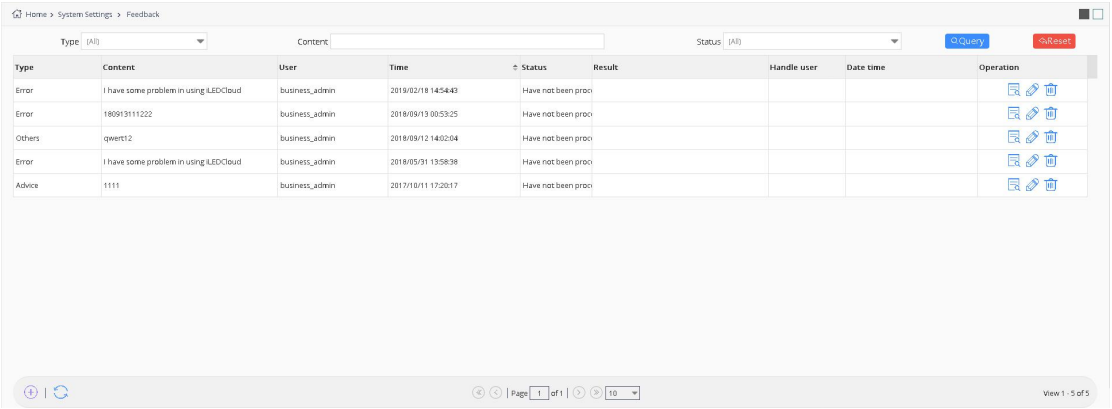
picture 5.5-8

table 5.5-3 Log Management

Button	Functions
	Export button, export the result to xls file.

5.5.5 Feedback management

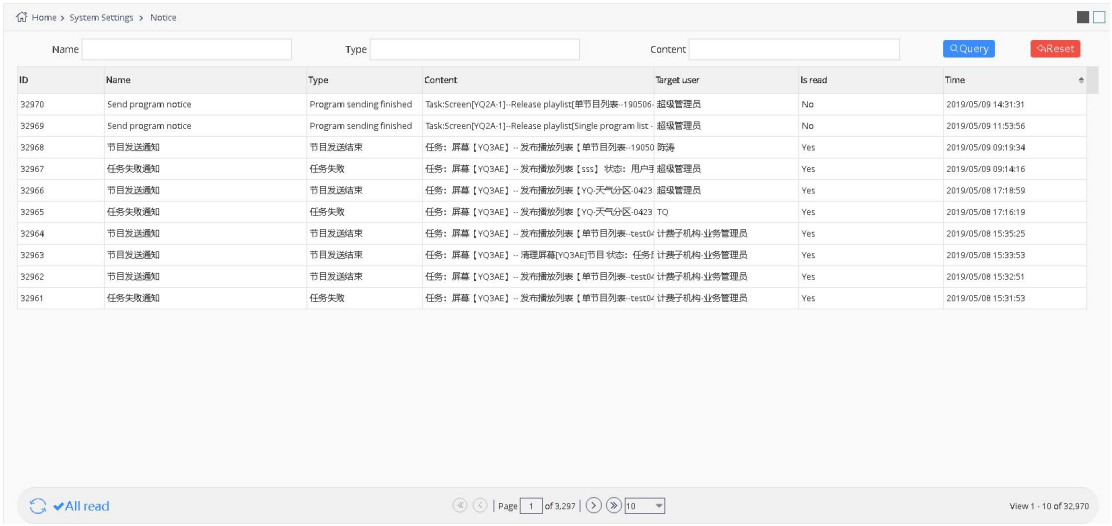
Users can check the feedback from Feedback Management, like picture 5.5-9. If there's no reply for the feedback, users can modify or delete it. If the manager already replied the feedback, users can only check it.



picture 5.5-9

5.5.6 Notice management

Different roles of user has the notice management as shown in picture 5.5-10, on notice page, every user can see the operation of their own role. User can click "All read" button to mark as read.

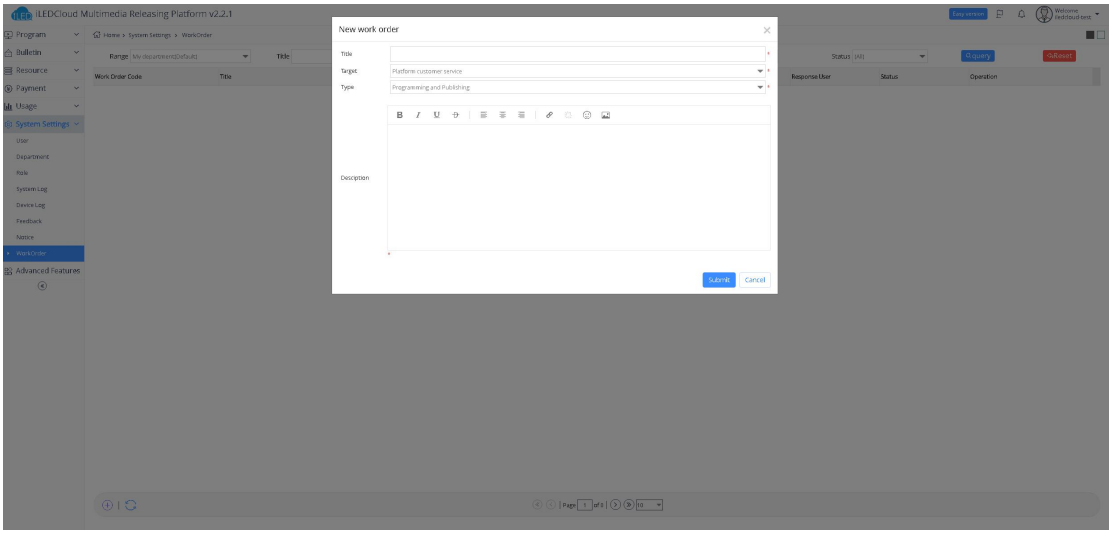


picture 5.5- 10

5.5.7 Work order

If users have problems or questions in the process of using the platform, they can consult the customer service of the platform by submitting the work order.

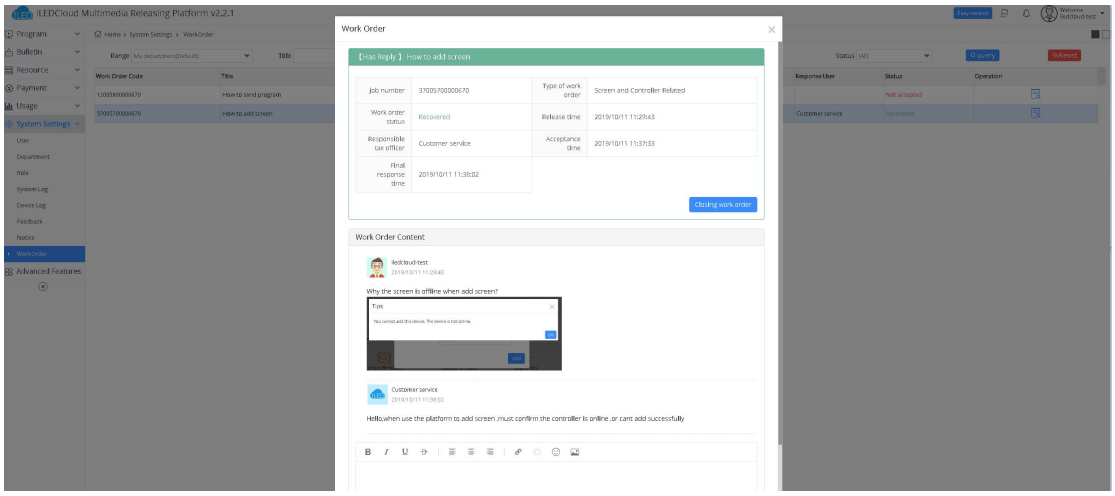
As shown in picture 5.5-11, the user can click the "+" button at the bottom left of the page, enter the title of the work order in the pop-up box, and select the type of work order.Describe in detail the problems or recommendations that arise from using the platform.



picture 5.5-11

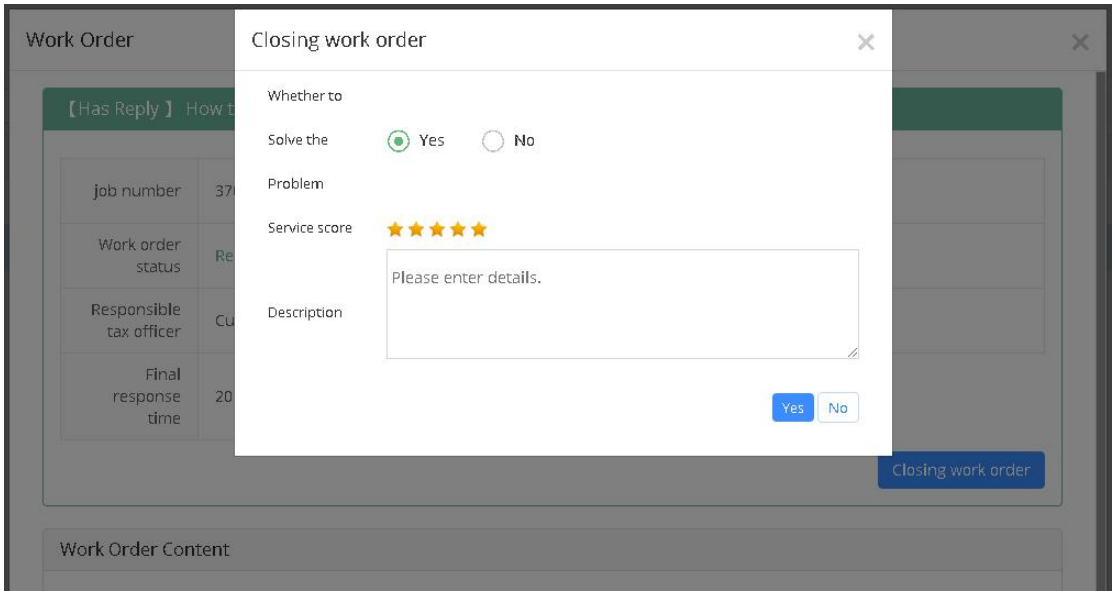
After the platform replies to the work order submitted by the user, the user's bound email or mobile phone will receive a reply reminder notice, and the user can go to my work order page to

check the customer service reply, as shown in picture 5.5-12.



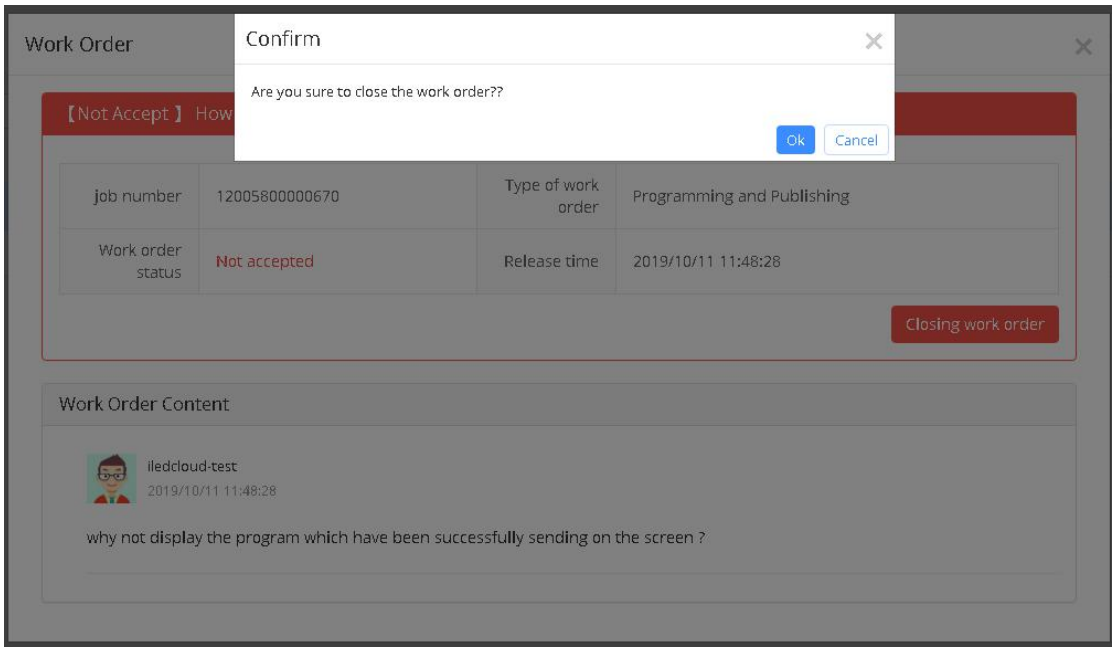
picture 5.5-12

The user can continue to ask questions about the reply from the customer service of the platform, or close the work order, as shown in picture 5.5-13



picture 5.5-13

The user can also close the work order before the platform replies, as shown in picture 5.5-14.

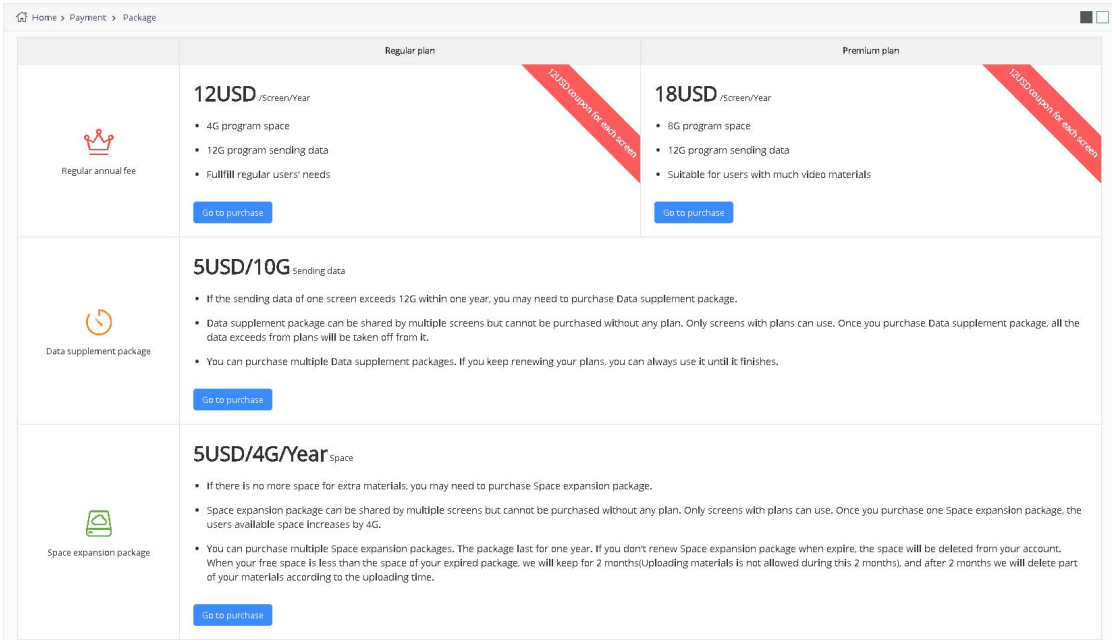


picture 5.5-14

5.6 Payment service

5.6.1 Package and service

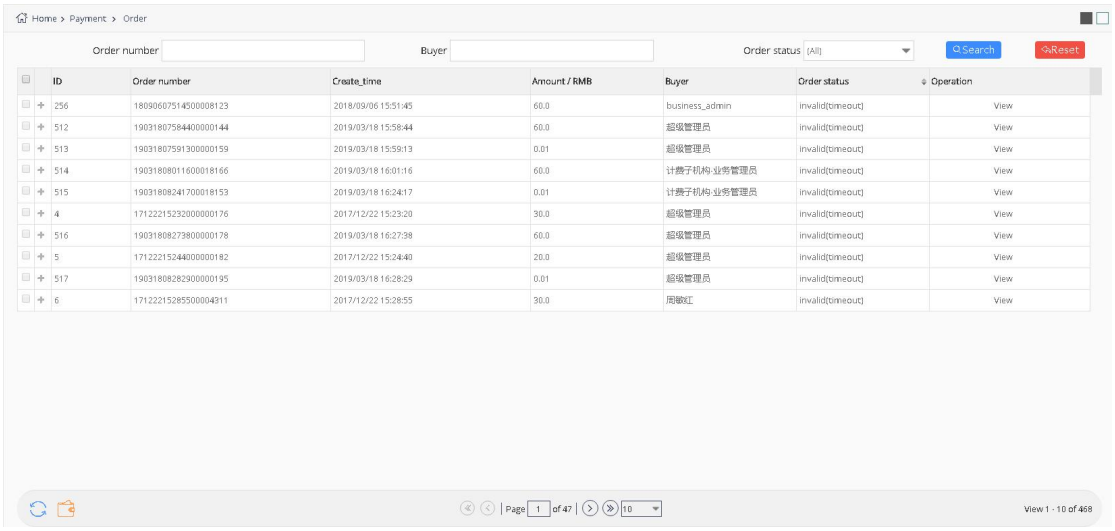
We supply two kinds of package payment terms ,normal package and deep package ,including extend package and other details as shown in picture 5.6- 1.



picture 5.6- 1

5.6.2 Order management

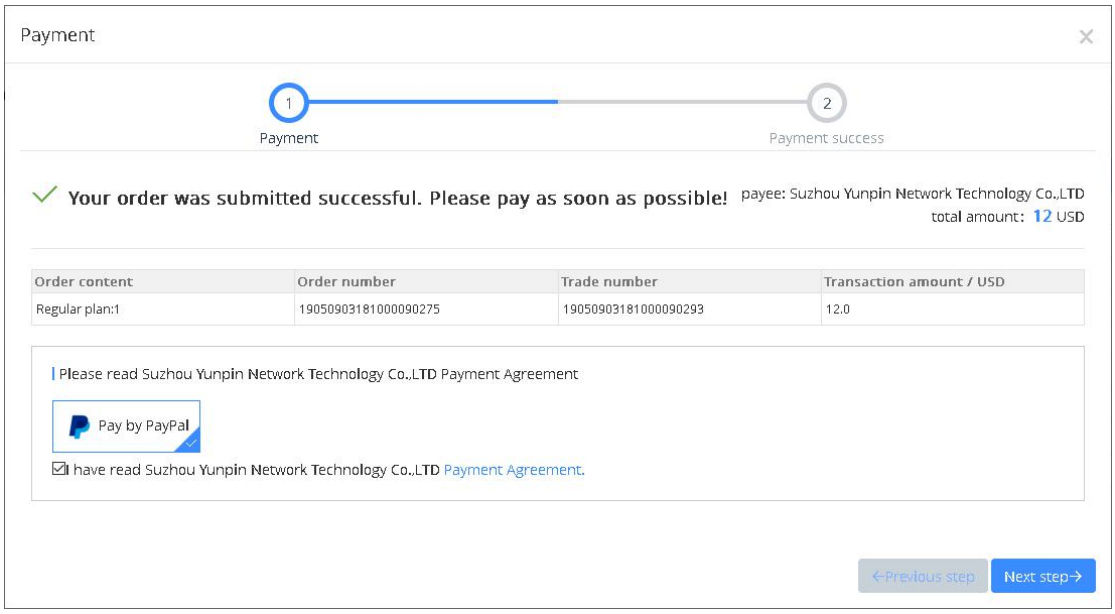
Users can find order information under order management interface, please refer to picture 5.6- 2.Users can also pay, cancel, and view the details of the order in this interface. Platform supports payment for multiple orders. On the page of order, users can select multiple orders and click the "Pay" button at the bottom left of the page.



picture 5.6- 2

5.6.2.1 Payment

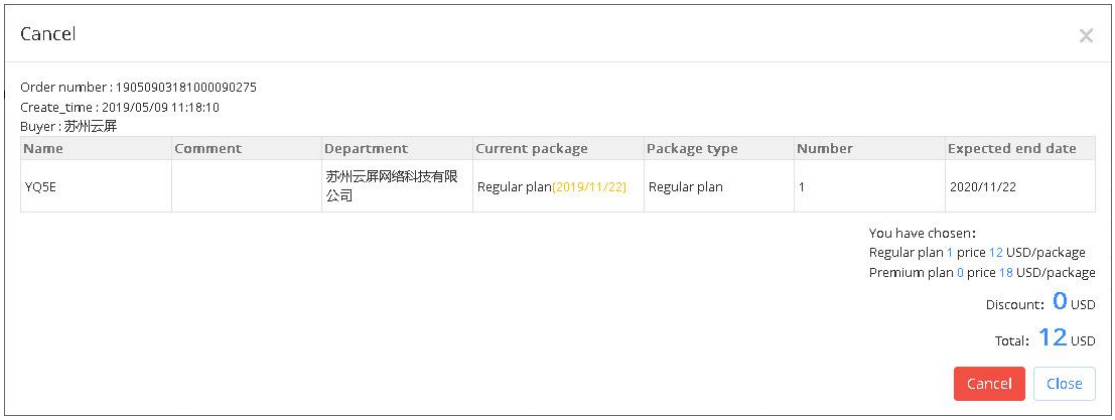
Users only need to click pay button in wait for payment interface ,that pay for the order (Overseas users can pay by PayPal).See picture 5.6- 3 When paid successful ,the order status will be updated automatically, the content which has been purchased will be added to the relevant screen or organization.



picture 5.6-3

5.6.2.2 Cancel order

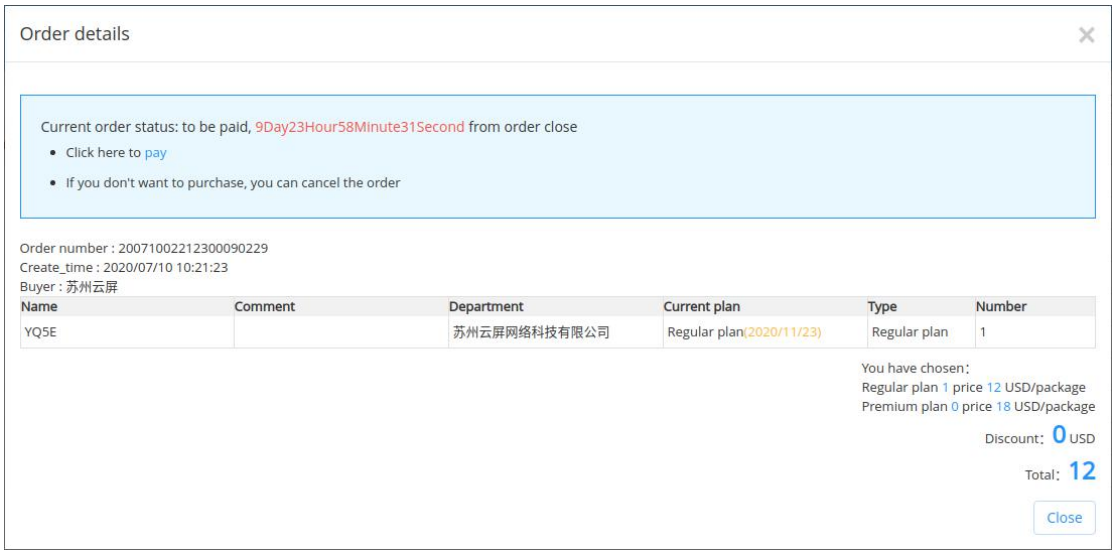
Users can click cancel button in waiting for payment interface to cancel the order ,see picture 5.6-4, when cancel it successfully , order status will be changed to closed.



picture 5.6-4

5.6.2.3 Check order details

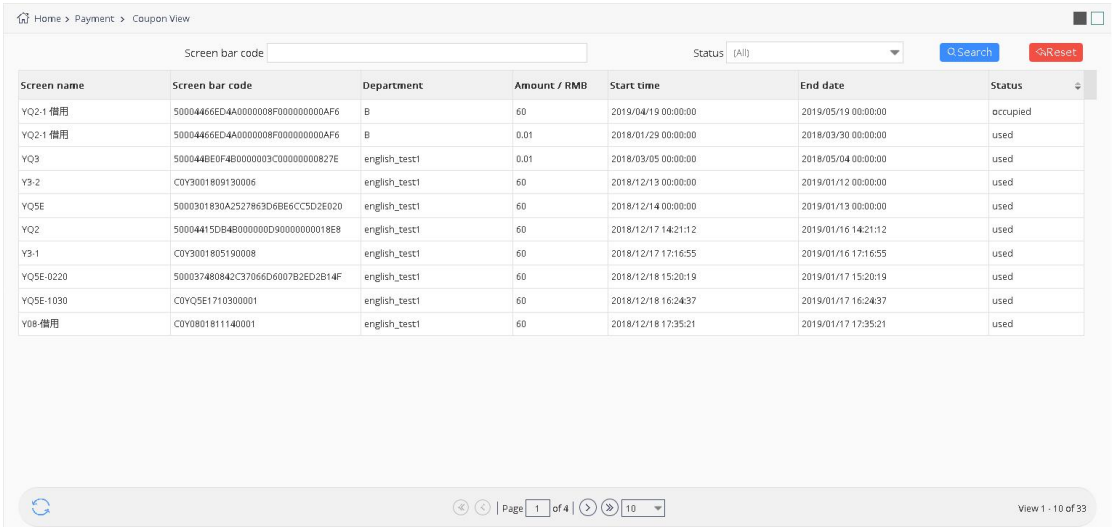
Users can click the check button to see the order details , see picture 5.6-5 for detail information.For Waiting for payment order ,the detail interface will show the remain time for payment, if users don’t pay it within 10 days , then need to order it again.



picture 5.6- 5

5.6.3 Coupon View

Users can check the coupon on Coupon View, like picture 5.6-6. If the status of coupon is “used”, please check is there any unpaid order in your order list.

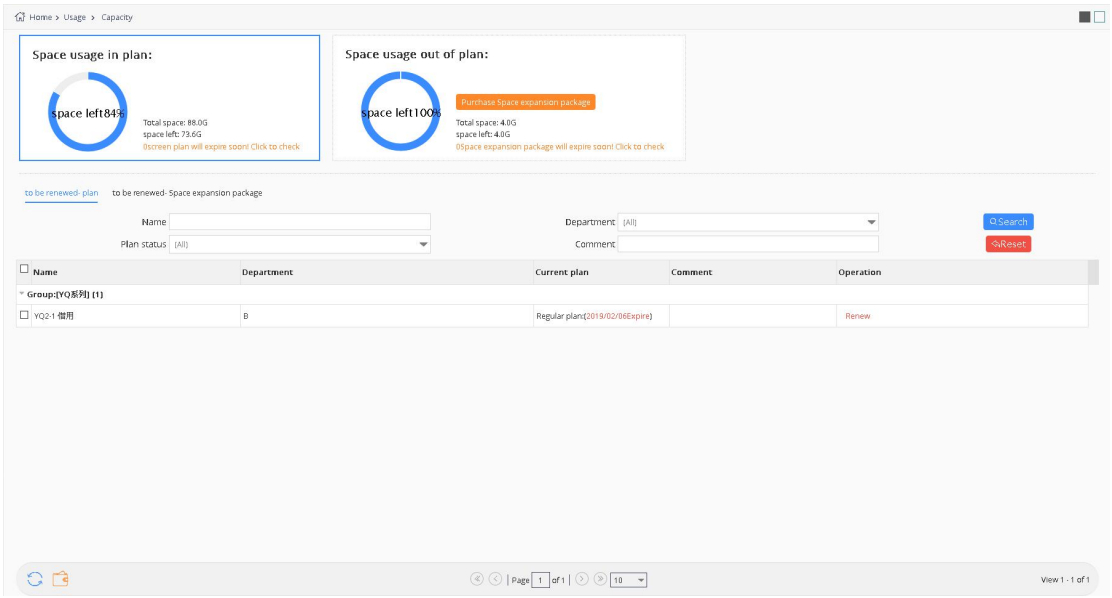


picture 5.6-6

5.7 Usage management

5.7.1 Storage management

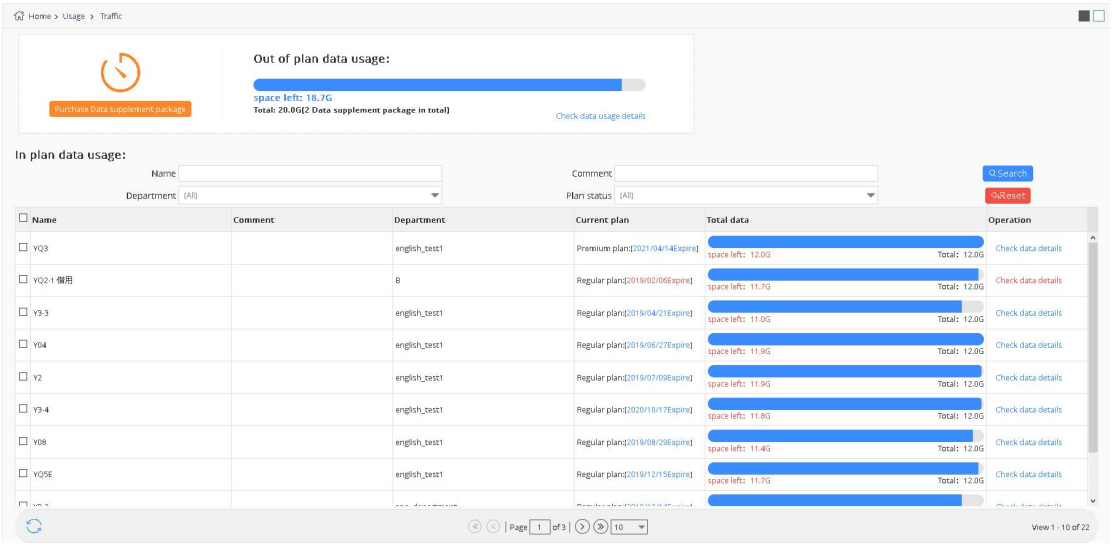
Users can check capacity and the use of the package capacity expansion in storage management interface, and other relevant records.as shown in picture 5.7- 1.



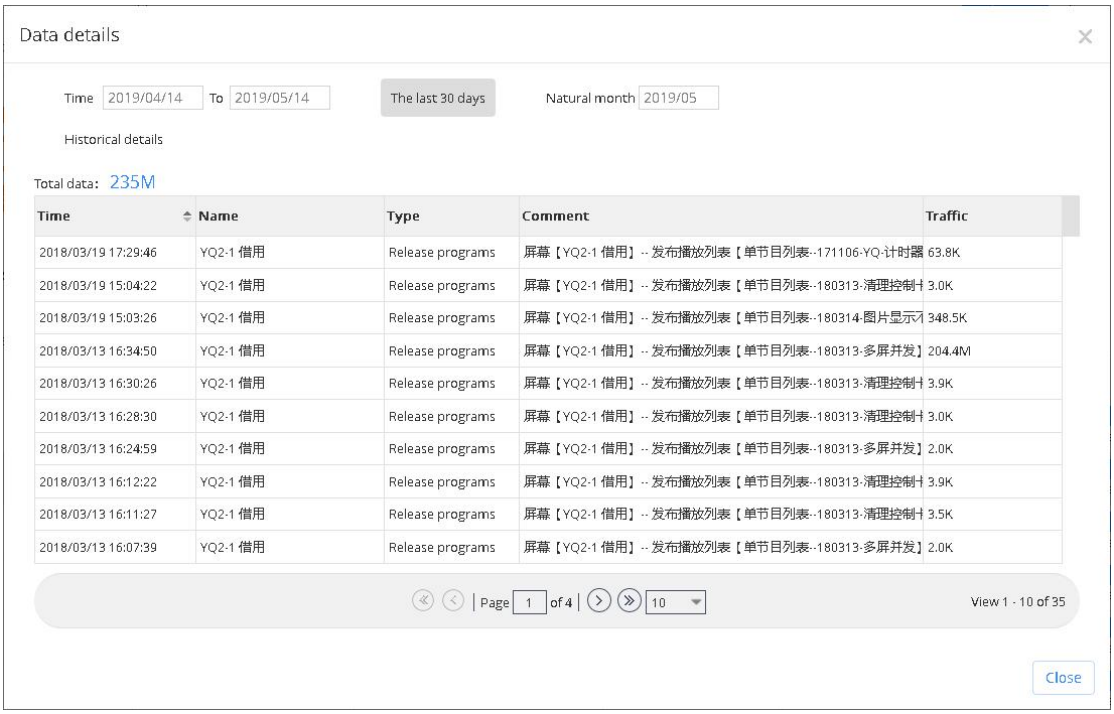
picture 5.7- 1

5.7.2 Flow management

Users can find the status of flow package, as well as the current use of the flow package status under the currently user account, see picture 5.7- 2.



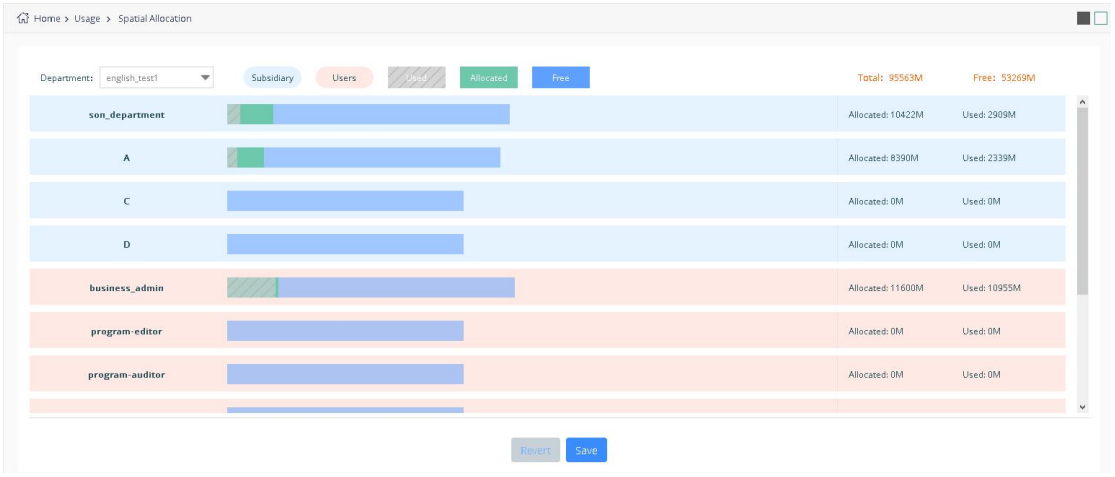
picture 5.7-2



picture 5.7-3

5.7.3 Distribute zone

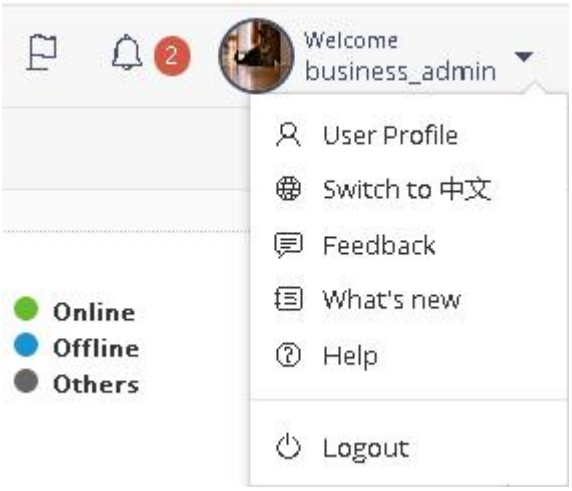
When users finish the payment for package and extend package ,then can go to the current page to distribute the zone as shown in picture 5.7-4.



picture 5.7-4

5.8 User information

After log in ,user can open the user information menu in the right up page ,as shown in picture 5.8-1, there is 6 options, they are :user profile, switch to Chinese/English ,feedback ,what's new help and logout .if users click switch to Chinese or English ,then will change the platform language ,when click the log out ,then will exit the platform.

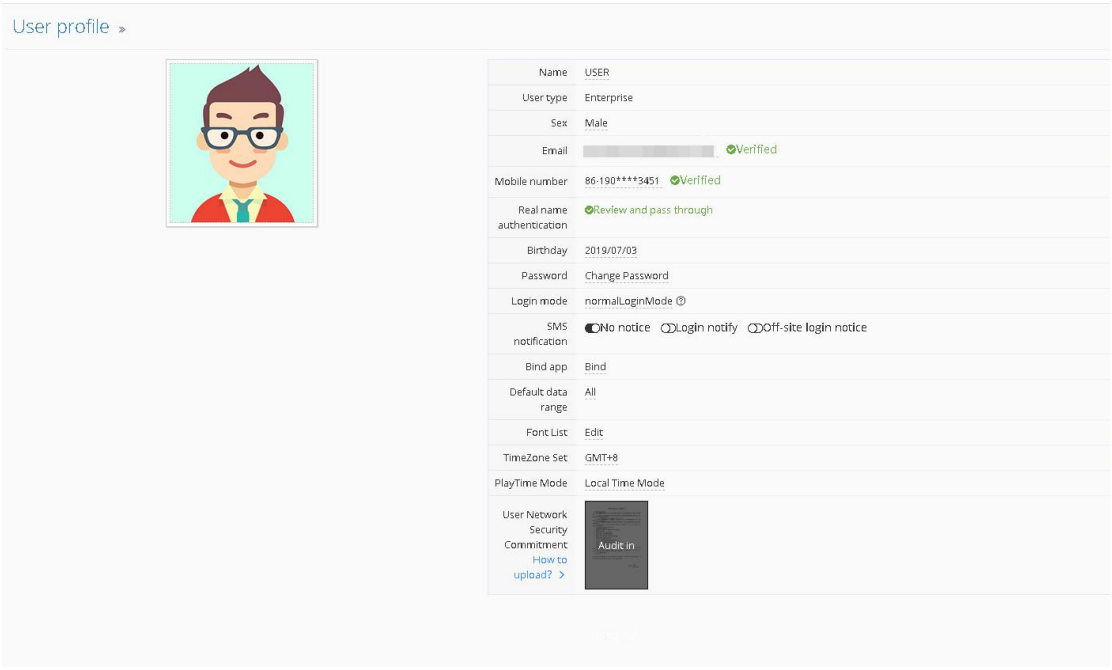


picture 5.8-1

5.8.1 User profile

User can view their personal relevant information, as shown in picture 5.8-2, also can modify

the name, gender, phone number, email address, birthday, and modify the password. New users need to hand in real name authentication. Or users cannot release programs if you do not get approval.



picture 5.8-2

Users can set the preferences in account setting: Account log in/fast log in/log in by safety verification/if you log in by safety verification, you need to verify by both passwords and message verification code, Users can also set remind after log in, the default value is "not notify". If open the "notice" after log in, every time after the account log in platform, will prompt message on your mobile phone.

Personal user information page has "release program verification" option, every time need fill out the message authentication code to complete the verification, open and verify this function must bind mobile phone number.

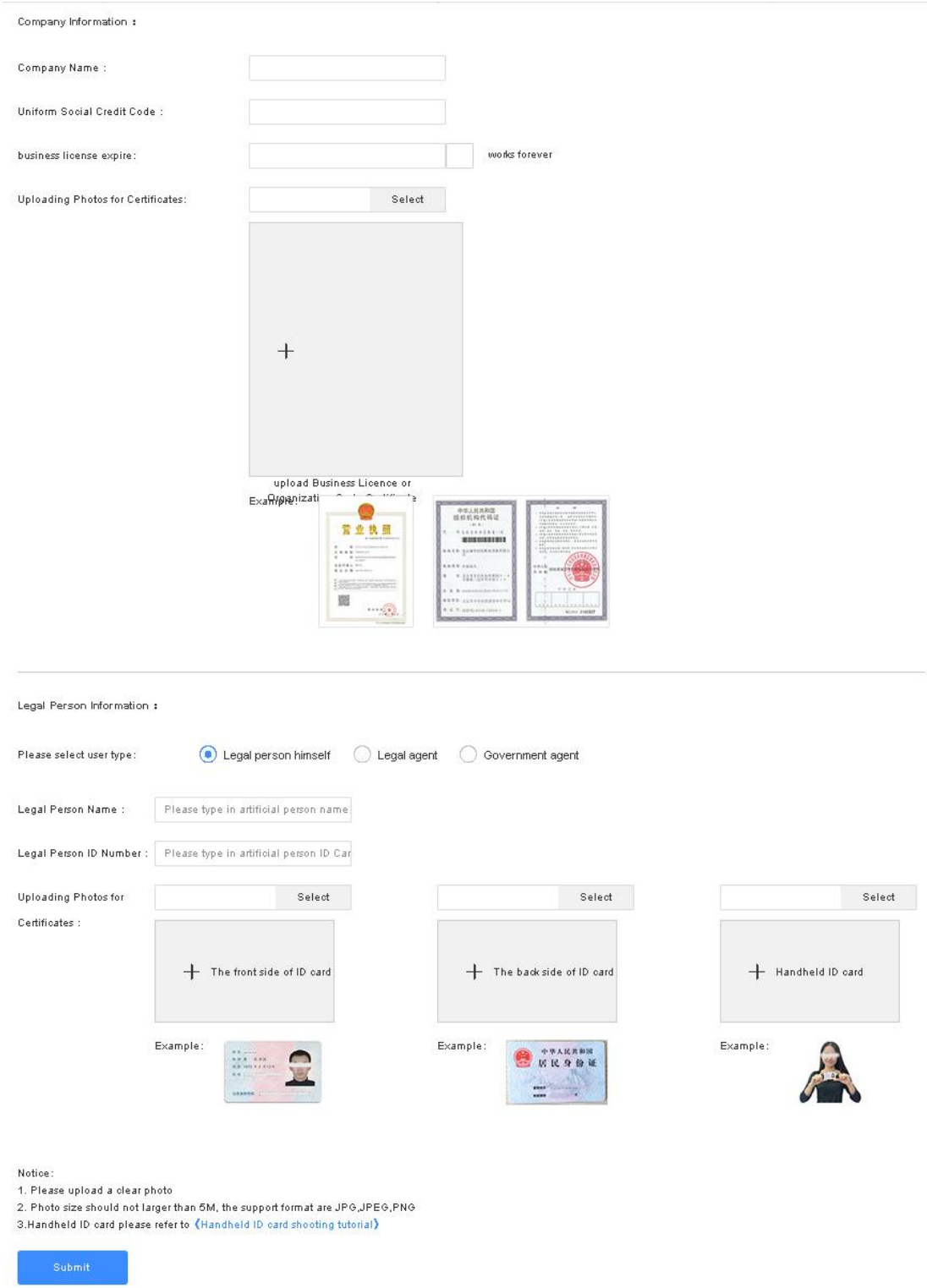
after click the mobile phone number or email In the user information page , phone number will pop up binding or binding email page, shown in the picture 5.8-3 and picture 5.8-4 , the user can change mobile phone number or bind operations in the pop up page.

picture 5.8-3

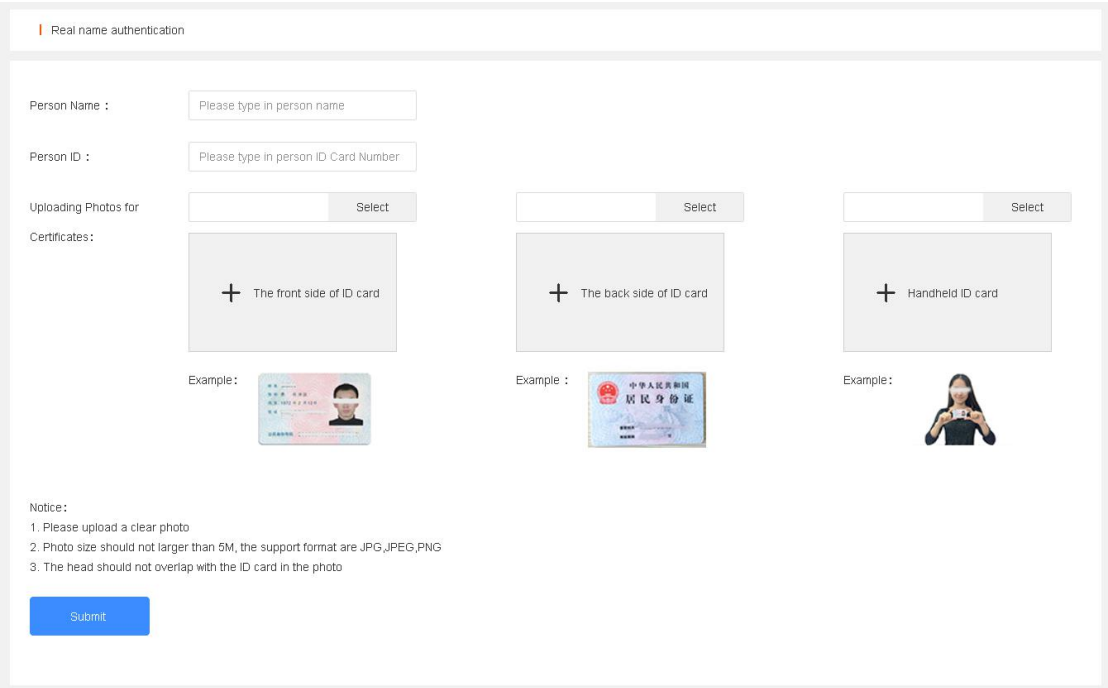
picture 5.8-4

Click “real name authentication” on account setting, whatever you are private users or enterprises users, all need to do real name authentication, like picture 5.8-5and picture 5.8-6. Private users need to fill in name, ID number and ID photo (front side and back side); Enterprises users can hand in the info according to their own status. After “real name authentication”, the platform manager will verify the information, users can release programs after approval (Users cannot approve by themselves, must be done by platform manager).

Note: As to promise the authenticity and uniqueness, the same bar code of organizing institution can be used only once, if others use it again, it cannot be worked normally.

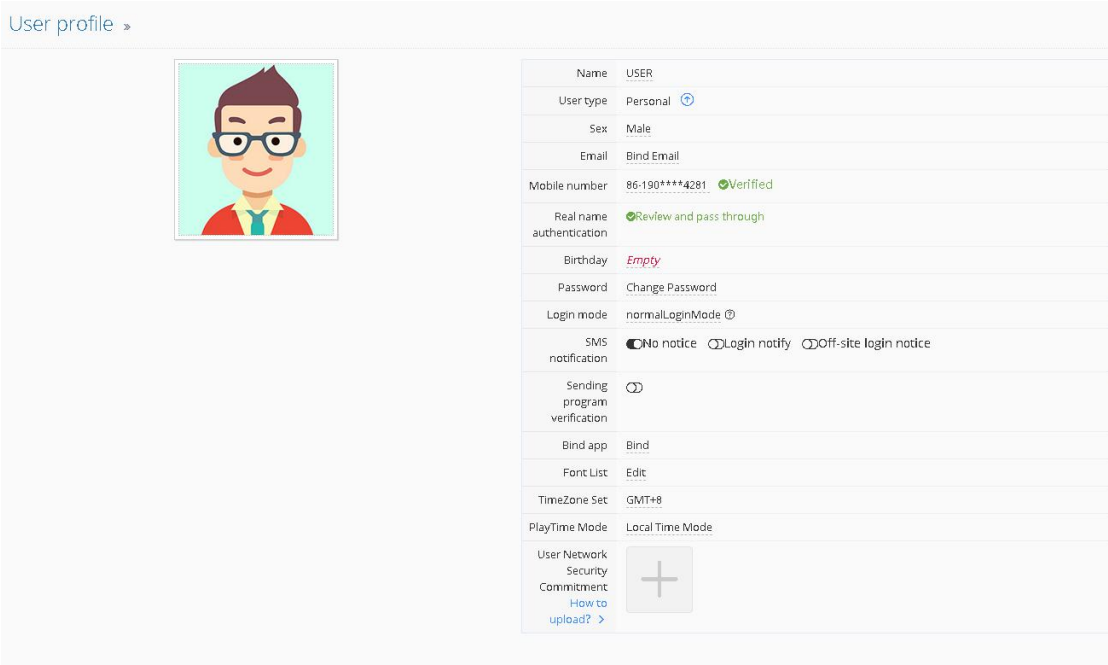

Company Information :
Company Name :
Uniform Social Credit Code :
business license expire:
works forever
Uploading Photos for Certificates:
Select
upload Business Licence or
Example:
Legal Person Information :
Please select user type:
Legal person himself
Legal agent
Government agent
Legal Person Name :
Please type in artificial person name
Legal Person ID Number :
Please type in artificial person ID Car
Uploading Photos for Certificates :
Select
Select
Select
The front side of ID card
The back side of ID card
Handheld ID card
Example:
Example:
Example:
Notice:
1. Please upload a clear photo
2. Photo size should not larger than 5M, the support format are JPG,JPEG,PNG
3.Handheld ID card please refer to 《Handheld ID card shooting tutorial》
Submit

picture 5.8-5



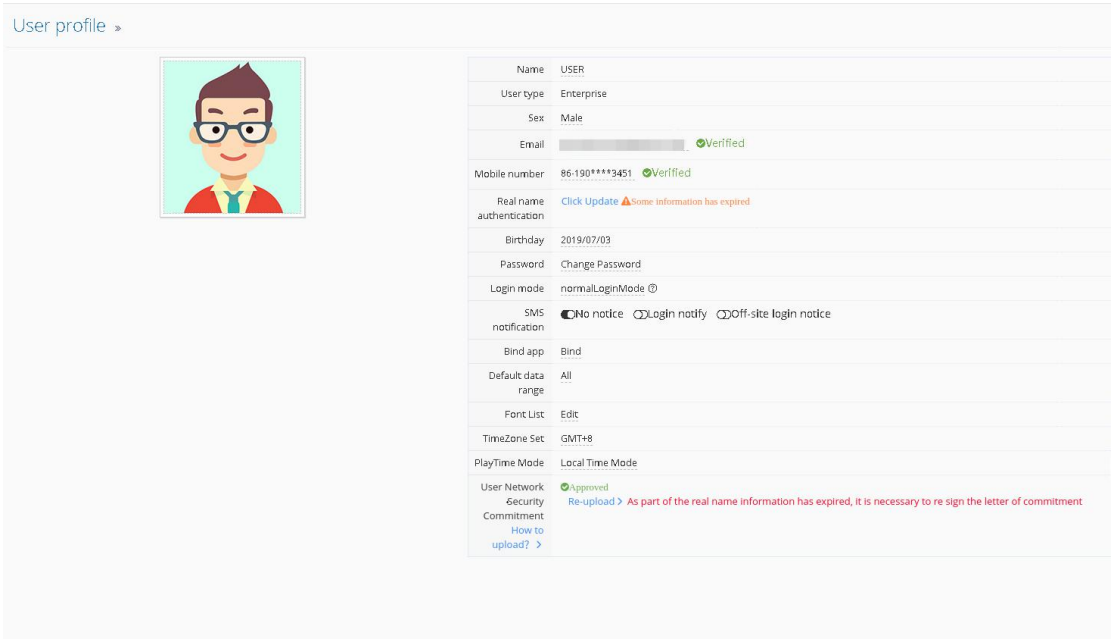
picture 5.8-6

Private user can be upgraded to enterprise account after “real name authentication”, you will own all kinds functions in enterprise account. Like picture 5.8-7



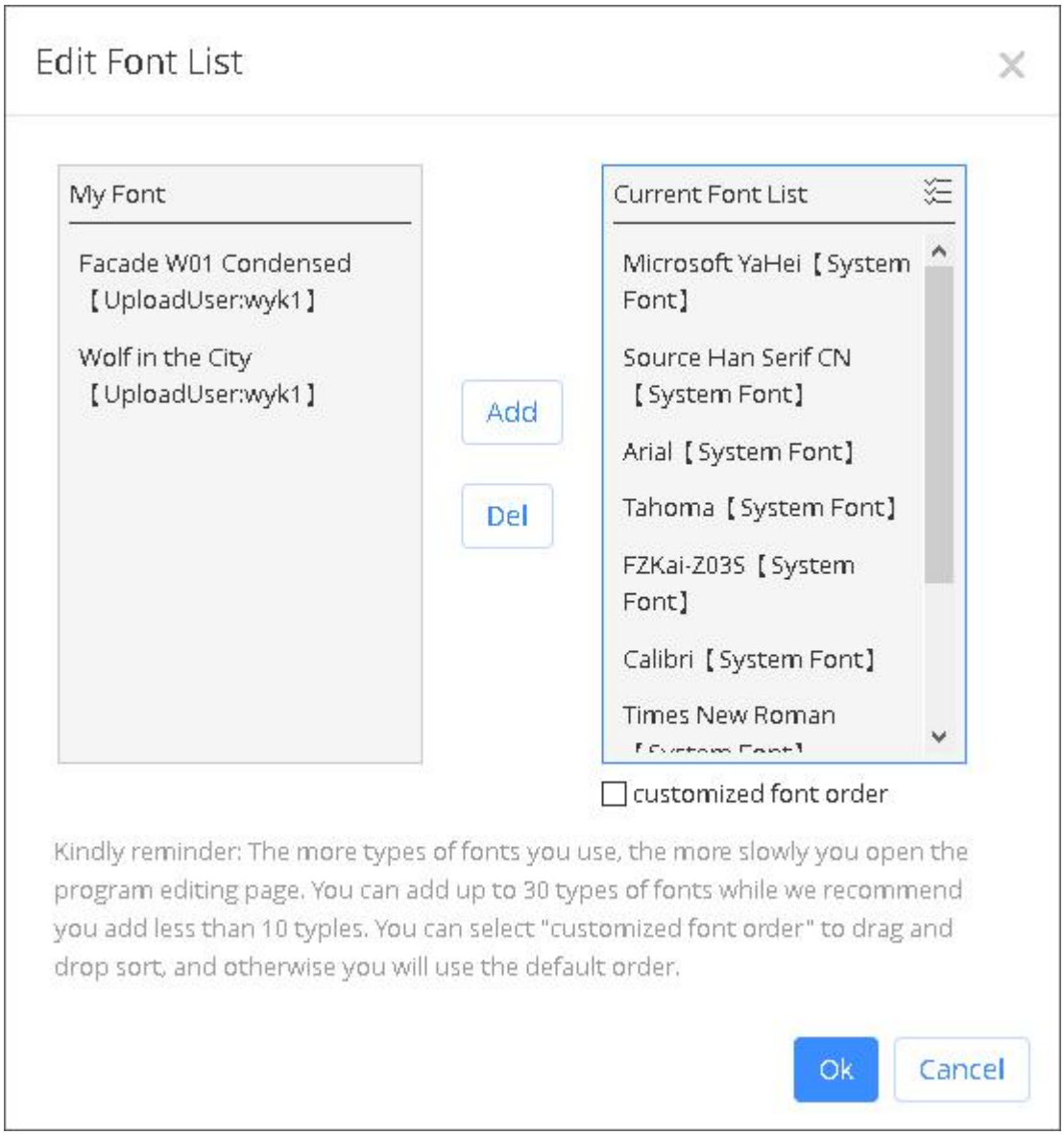
picture 5.8-7

If the business license or letter of authorization which is offered by enterprise is expired, it show as below picture 5.8-8, user can update.



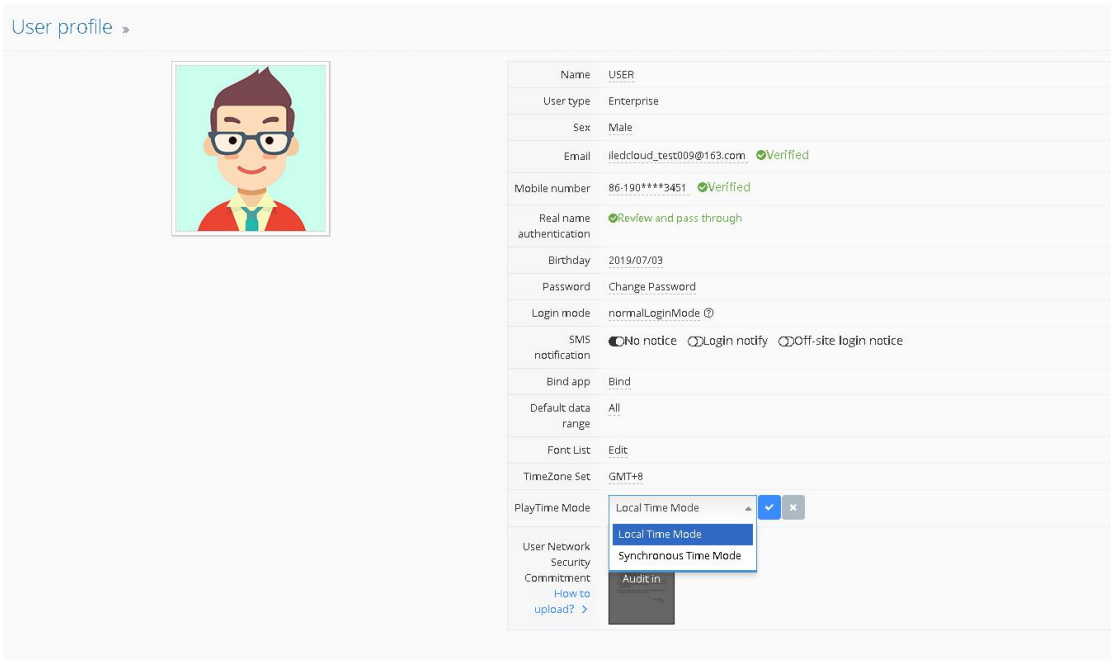
picture 5.8-8

Users can modify the font type in “set account”, click “edit” button which is beside “font list”, users can add the new font into “current font list”, like picture 5.8-9.



picture 5.8-9

iLEDCloud adopts UTC time as to solve the program which is caused by time, users can set “play time mode”, like picture 5.8-10

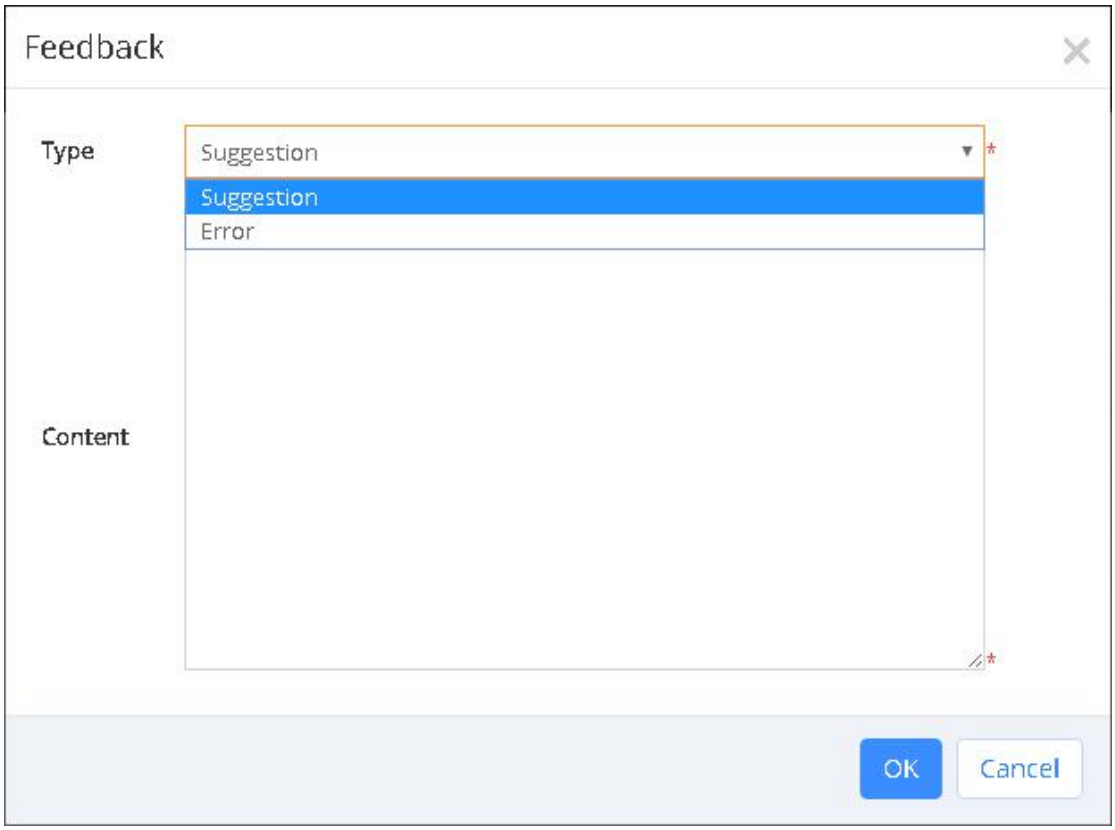


picture 5.8-10

If users set “local time mode”, the time will be the same with where the user is in. Means the time of playing programs in controller is the same with where the user is in (not the time you set in controller); If users set as synchronous time mode, the time will be the same with where the controller is in, means the time of playing programs in controller is the same with where the controller is in (not the user is in).

5.8.2 Feedback

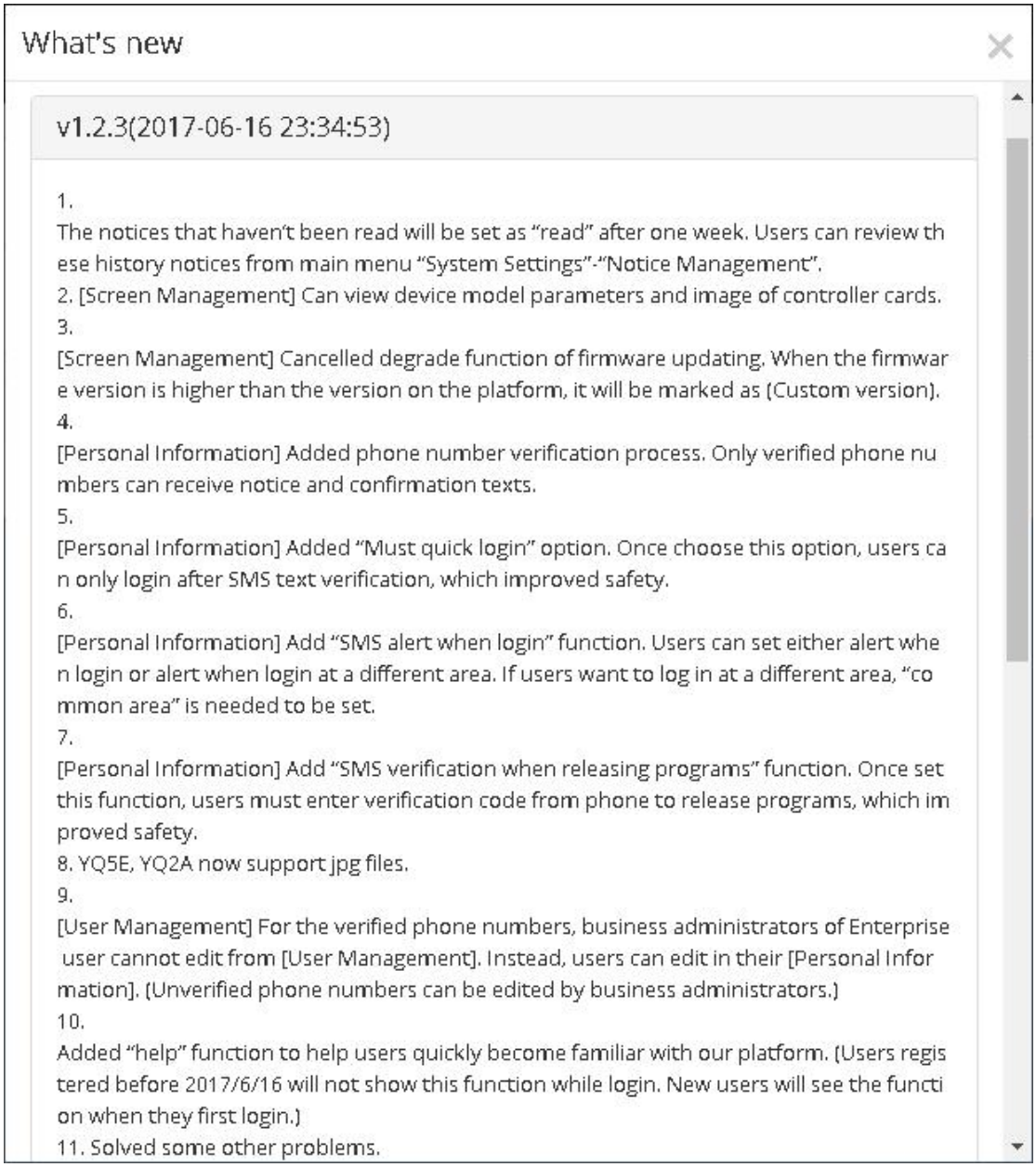
In the menu of user information ,click the feedback button ,then will pop up the feedback page as shown in the picture 5.8- 11, user can feedback his suggestion or the platform error ,the platform staff will check and follow up to give solution.



picture 5.8- 11

5.8.3 What’s new

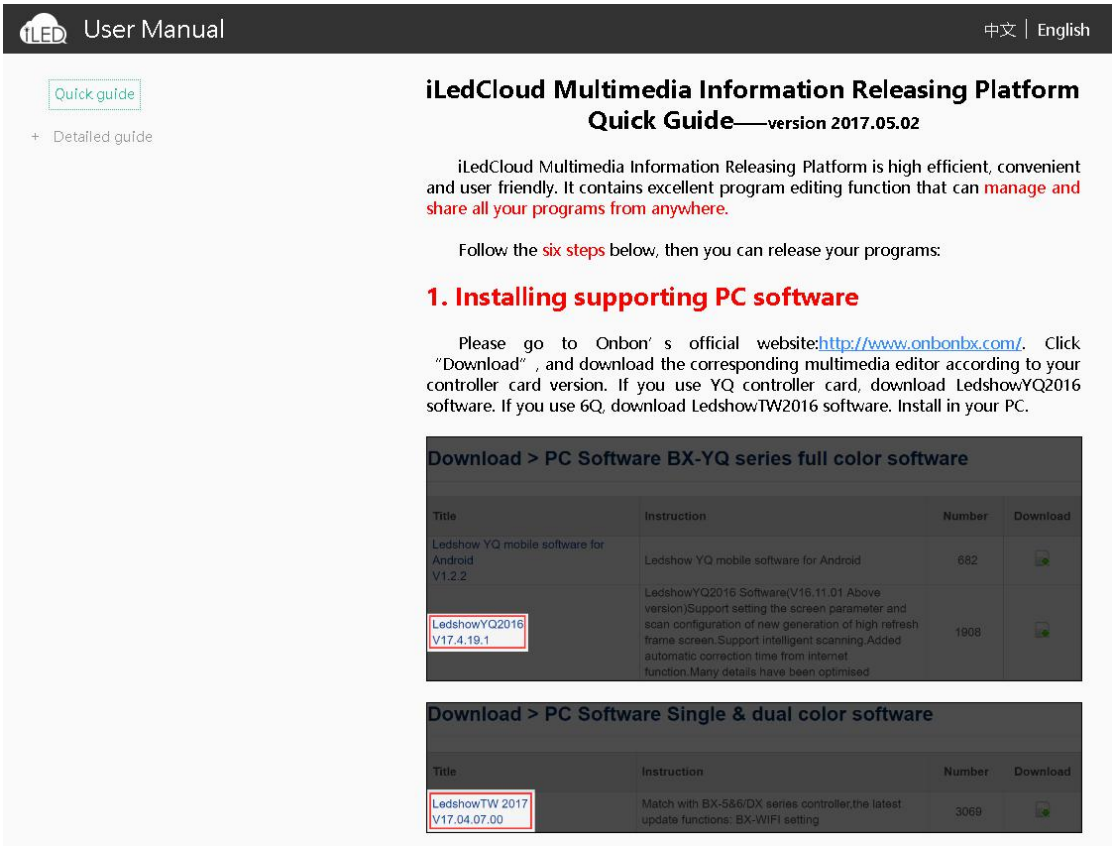
Click the what’s new in the user information page ,as shown in the picture 5.8- 12 ,then will pop up the what’ new page to display the update history of the platform.



picture 5.8- 12

5.8.4 User manual

Click the user manual in the user information page ,then will display the online user manual and fast guide user manual ,user can check as shown in the picture 5.8- 13



picture 5.8- 13

5.9 Advanced functions

5.9.1 Release area

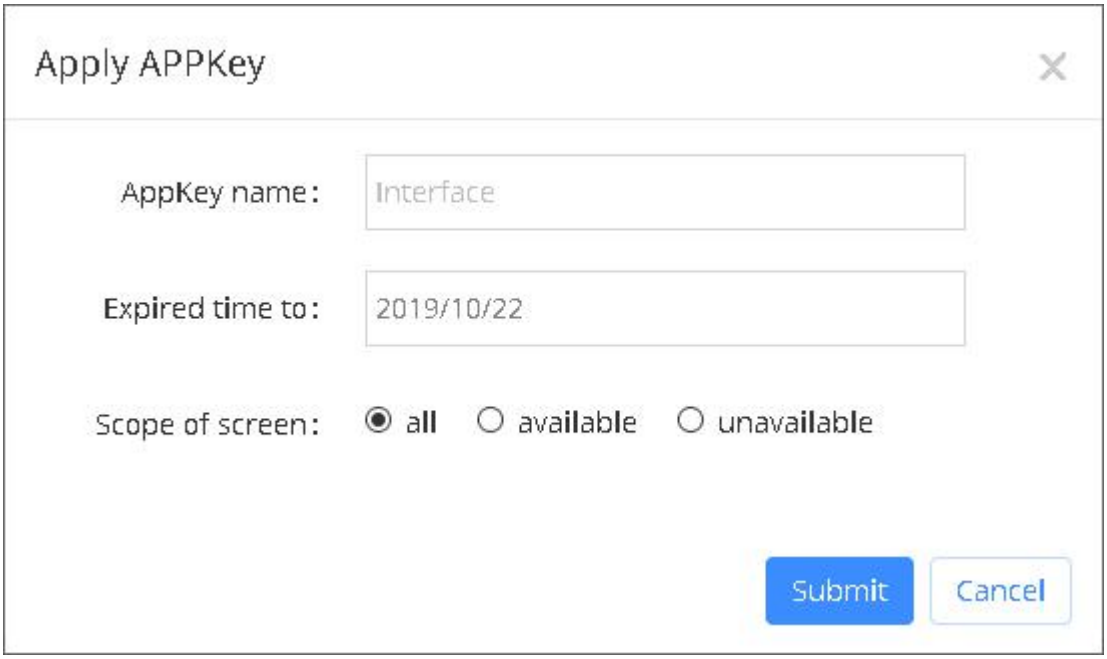
We add area function in V1.5.0, like picture 5.9-1. Users click “add area” button, then, can draw the area range, and finish drawing by double clicking. After finish drawing, click release. Click “Release fastly”, users can release the last playing list to the controller which is in this area.

Compare with normal releasing method, users can get a clear releasing status.

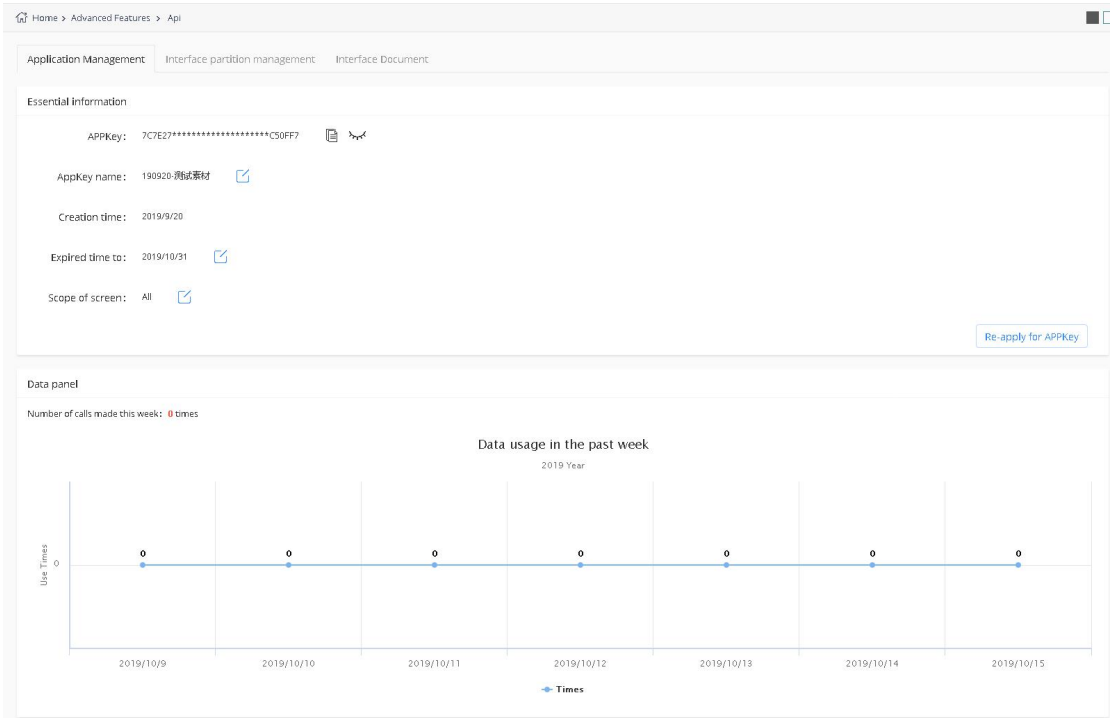
picture 5.9-1

5.9.2 SDK

Secondary development is supported in the v2.1.0 version of the platform. Users who have not applied for APPKey will pop up the application page as shown in picture 5.9-2 when visiting the "secondary development" page.After the application is completed, the page will display the information of APPKey, as shown in picture 5.9-3.

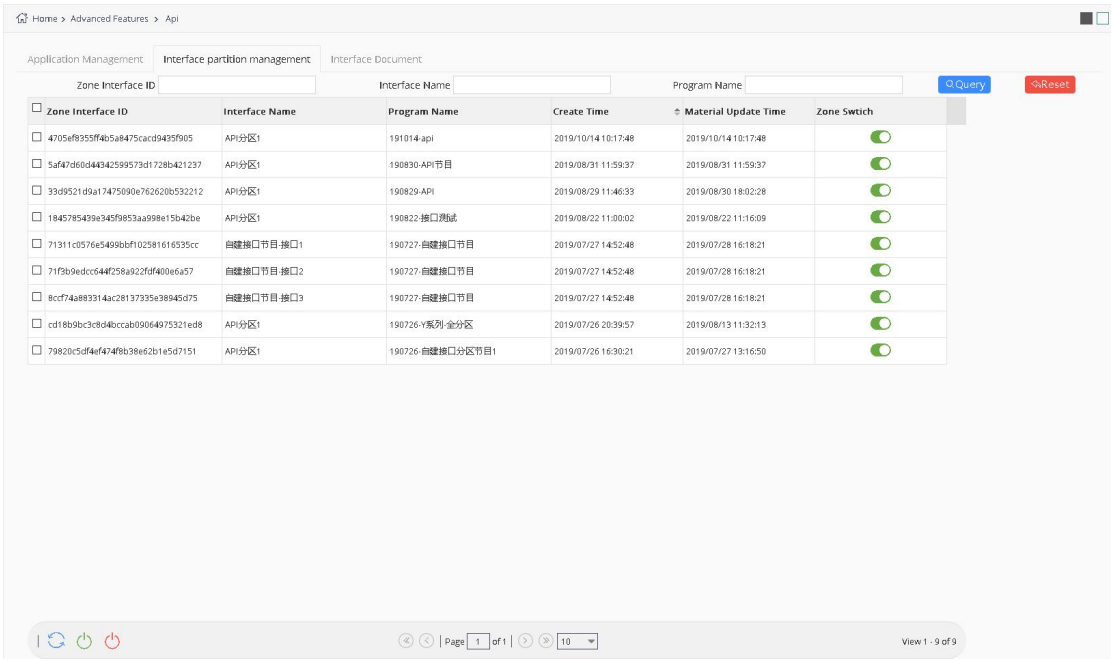


picture 5.9-2

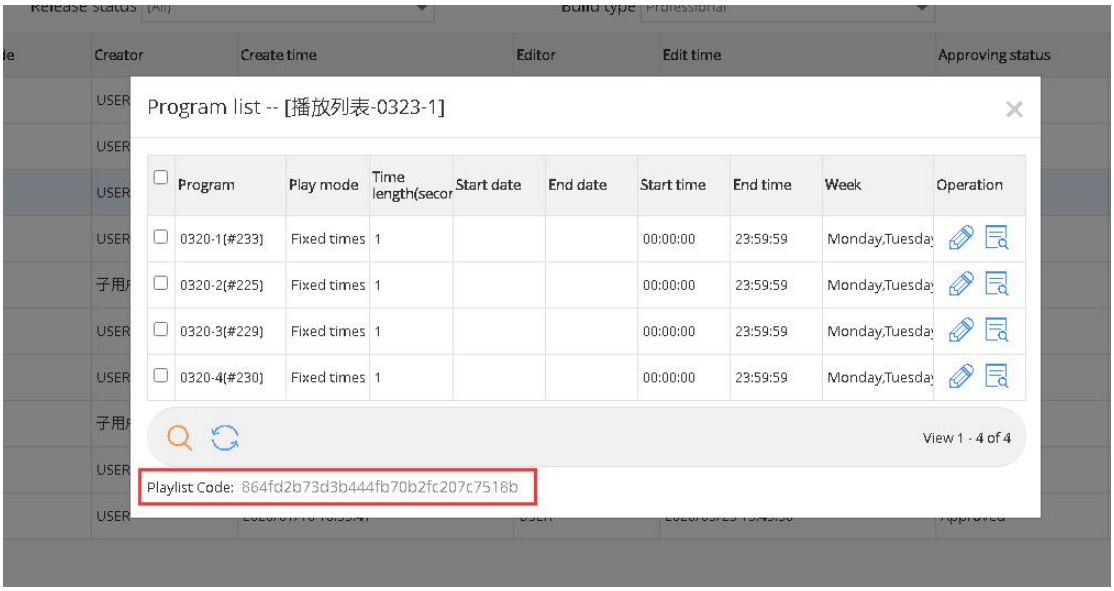


picture 5.9-3

In the interface group management page, the user can view the relevant information of the interface partition in the program, as shown in picture 5.9-4.The on/off state of the API partition can be manipulated. Support releasing playing list by API, Program management—playing list—check playing list numbers, as picture 5.9-5

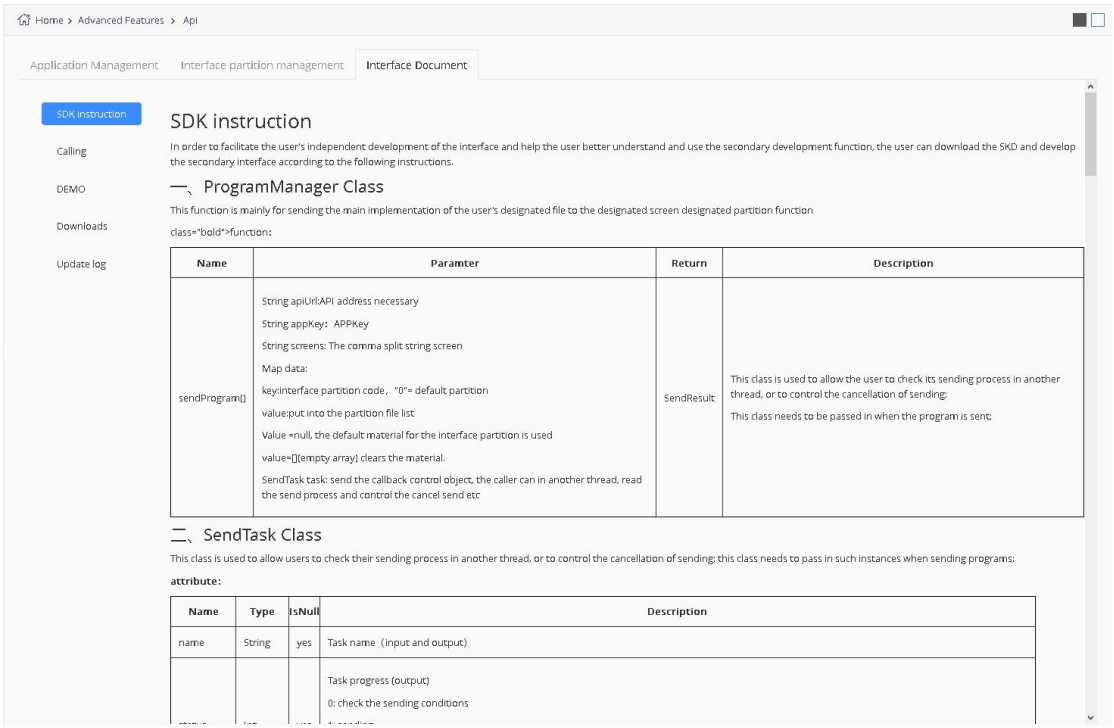


picture 5.9-4



picture 5.9-5

User can check the SDK instruction in the interface documents as shown in picture 5.9-6.



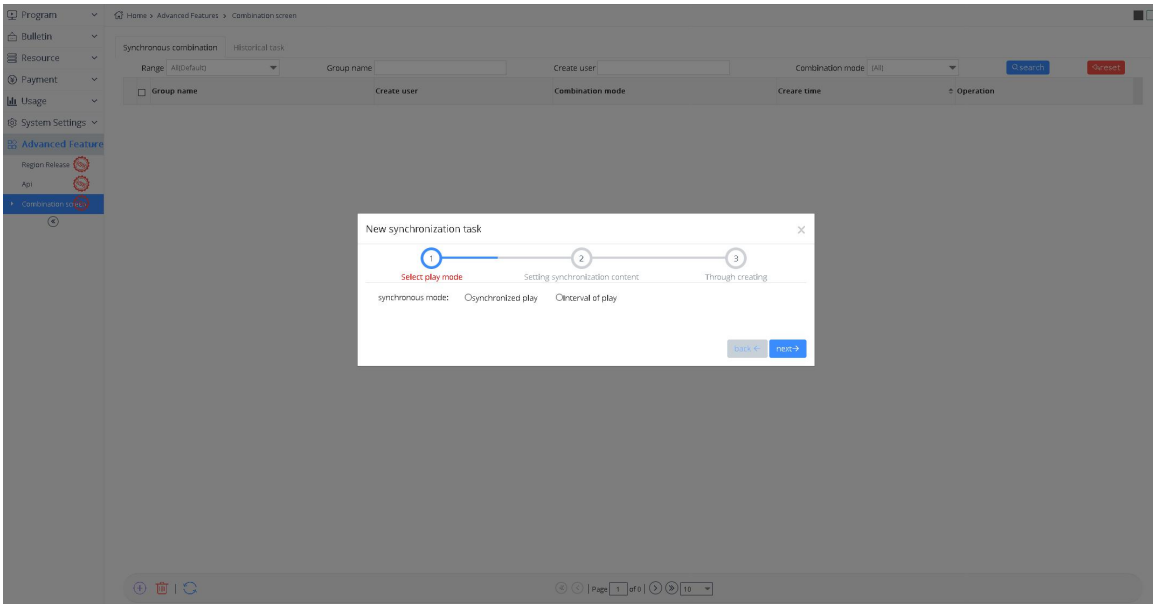
picture 5.9-6

5.9.3 Synchronous combination

In order to meet the requirements of play the same picture on different screens at the same time, the v2.2.0 version of the platform has added the function of synchronous combination,

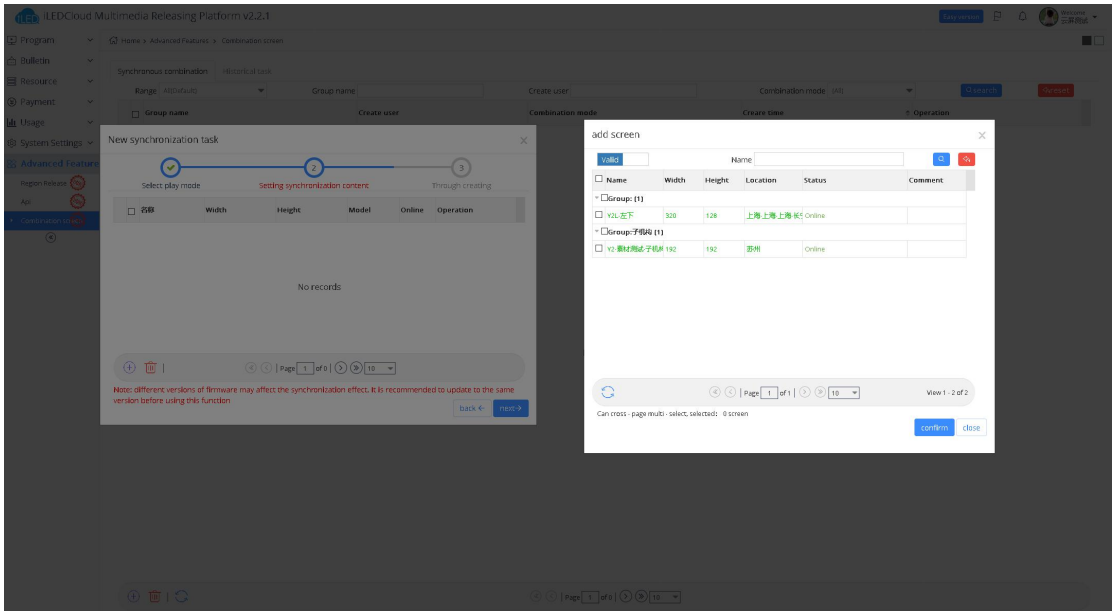
including simultaneous play and interval play. Simultaneous play means that all screens play the same program at the same time.Interplay is a sequence of multiple screens, each X seconds slower than the previous one, allowing viewers on the move to seamlessly watch the full program.

The user can click the "+" button at the bottom left of the page to select the desired combination mode of synchronization, as shown in picture 5.9-7.



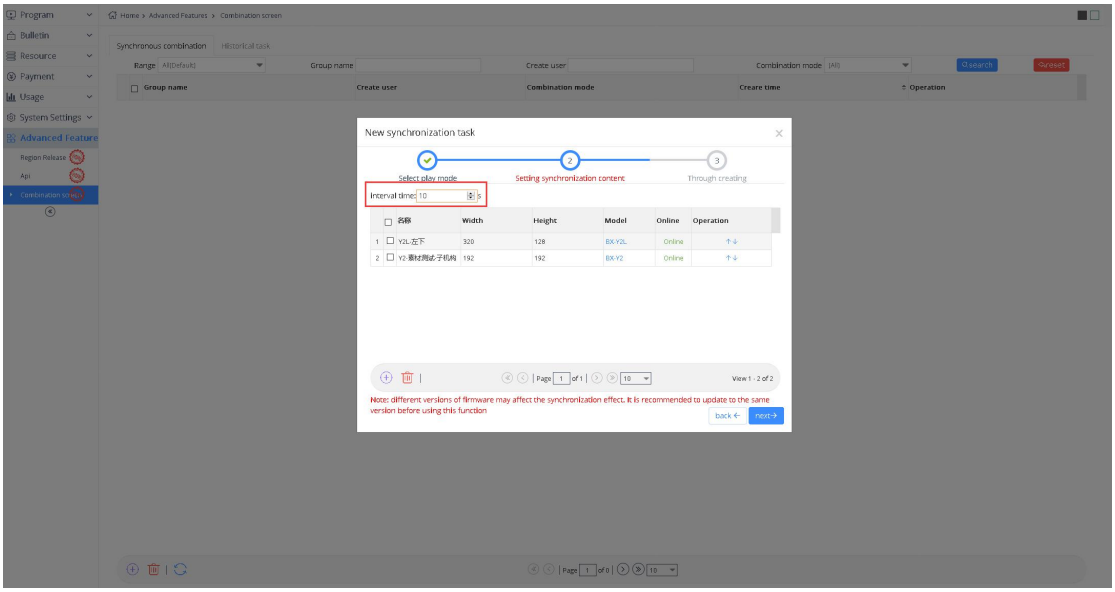
picture 5.9-7

Click the next step to enter the page of setting synchronization content, click the "+" in the lower left corner to select the screen that needs synchronization (currently only supports the online Y series controller). In order to ensure the synchronization effect, it is recommended to select the Y series controller of the same model and firmware version, and ensure that the matching degree of each controller's screen parameters is greater than 60%.See picture 5.9-8.



picture 5.9-8

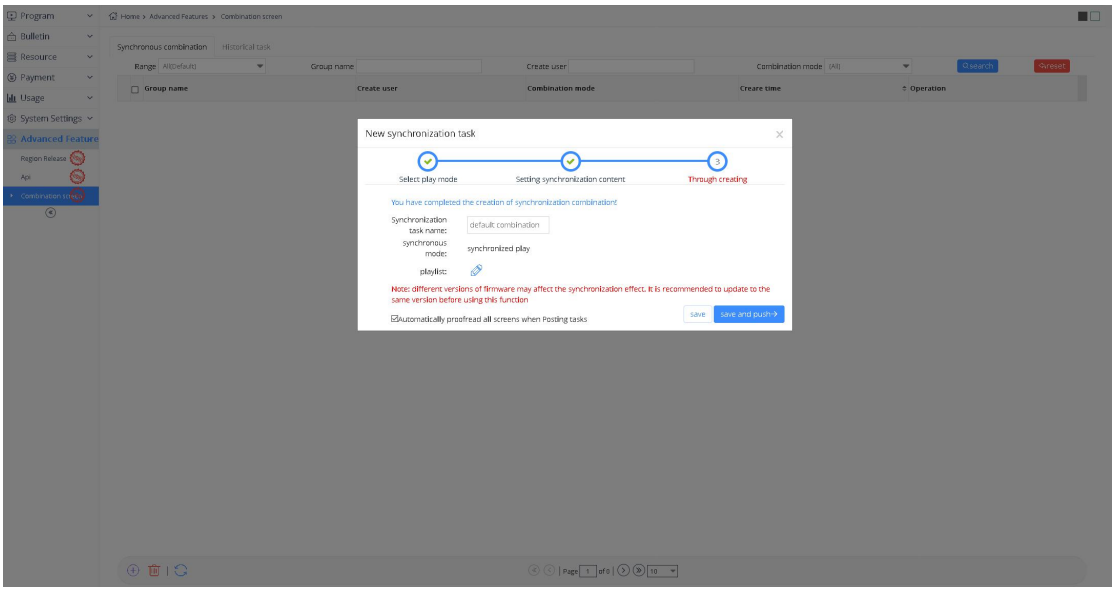
If interval play is selected, the interval time of the synchronous content page should be set. After the setting is completed, each screen will start playing X seconds slower than the previous screen. Users can sort each screen in the operation column, as shown in picture 5.9-9.



picture 5.9-9

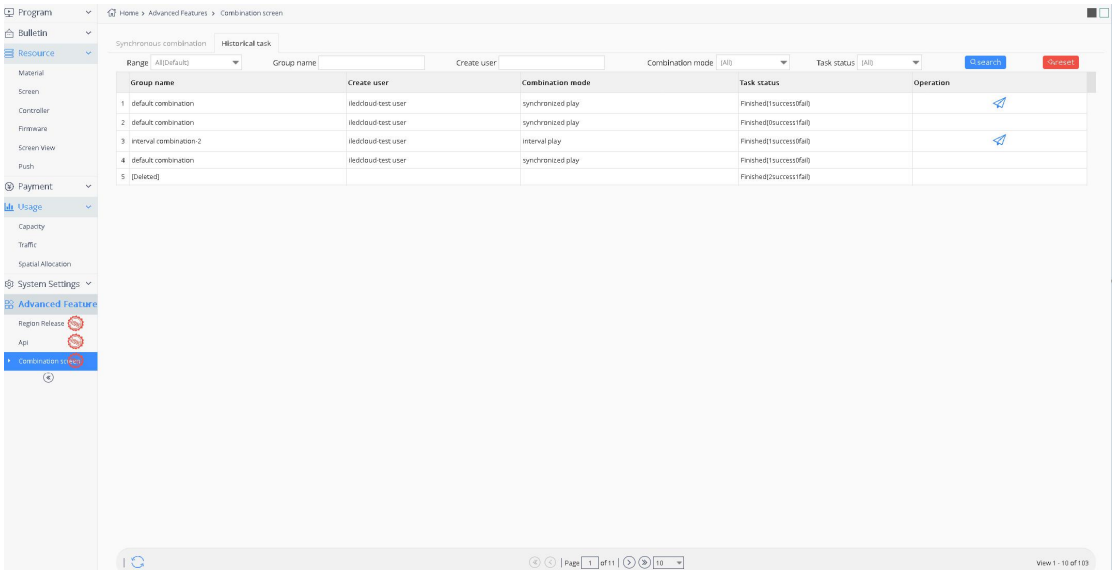
Click the next step to complete the creation of the synchronous combination. The user can also select the playlist here. If not, only the combination can be saved and not published.If selected, it can be saved or published, as shown in picture 5.9-10.By default, the platform will check "automatically proofread all screens when posting tasks". After checking, the platform will

automatically send instructions to the selected screen when publishing tasks to ensure synchronization effect.



picture 5.9-10

The user can view published synchronous composite tasks on the history task page or republish composite tasks, as shown in picture 5.9-11.

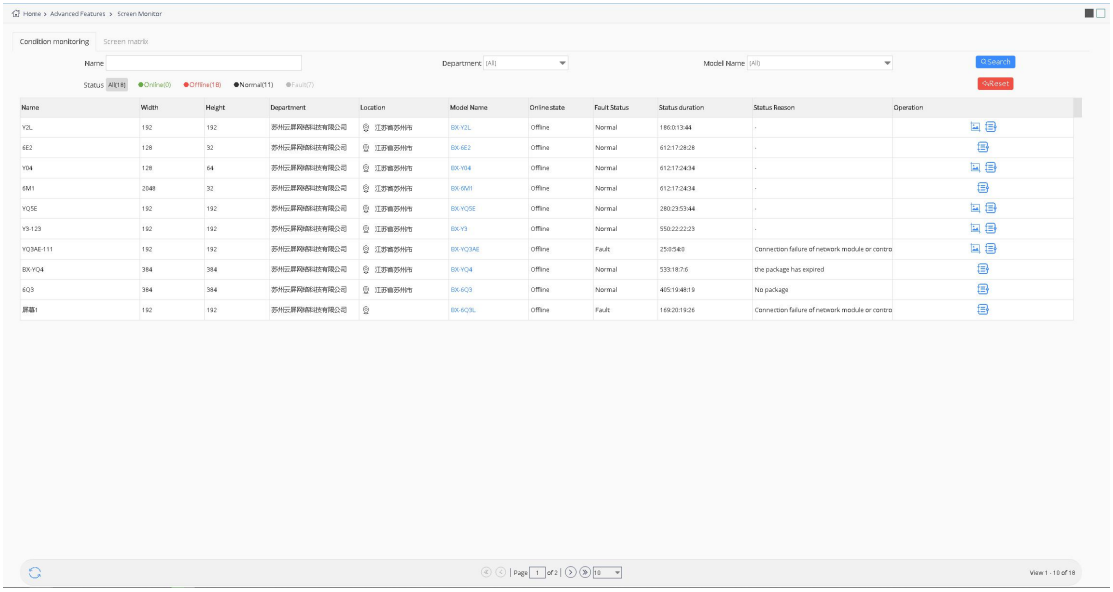


picture 5.9-11

5.9.4 Monitoring Screen in Cloud

V2.2.5 supports this function. Users can obtain the status for all screens by this function, as picture 5.9-12. If one of screens is in fault, users can check the fault time and fault reason.

Annotations for operation buttons of monitoring page, as table 5.9-1.

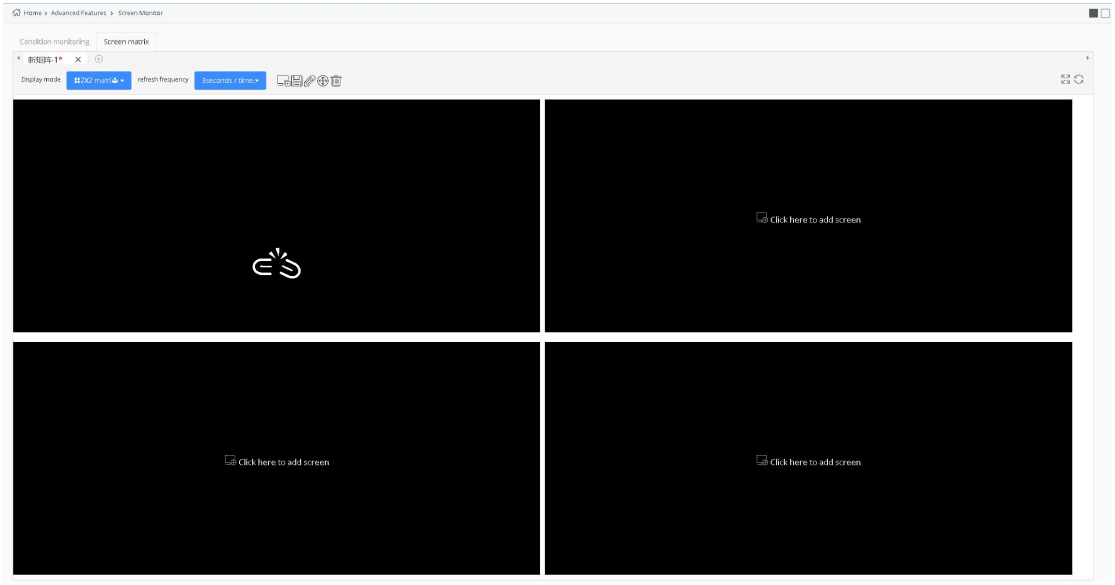


picture 5.9-12

table 5.9-1Status monitoring page

Button	function annotation
	Shortcut of screen: can see the shortcut for present content
	Status log: can see status log of one week

Enter into “screen matrix”, users can add many screen matrix. Open the one you opened last time or open the one you saved, as picture 5.9-13. Users can establish 1*1 matrix, 2*2 matrix, 3*3 matrix or 4*4 matrix, and also adjust refresh frequency of screen in every 3, 5, 8, 10 seconds. Annotations for operation buttons in screen matrix page, as table 5.9-2.



picture 5.9-13

table 5.9-2 Screen matrix page

Buttons	Function annotations
	Add screen: batch add screens in matrix, but do not allow to re-select the screens you added.
	Save: users can modify matrix.
	Modify name: modify name of matrix.
	Exchange position: adjust orders of screens.
	Delete: delete matrix.
	Rotation: rotation for shortcut content, 90 degrees each time.
	Camera: will show the list you bound for present screen, and select one, will play that content.
	Magnify: magnify present shortcut content , twice only.
	Minify: minify present shortcut content, twice only.
	Delete screen: delete present screen from matrix.
	Full screen

	Refresh: obtain the latest shortcut operations for all screens in present matrix, click frequency should be less than half of present refresh frequency.

5.10 iLEDCloud SIMPLE VERSION

iLEDCloud platform is simple and easy to use, professional and stable multimedia information release platform. On the basis of retaining the basic program production, release, screen management and other functions, it reduces the user's operation difficulty and simplifies the operation steps.

The simplified version is mainly for individual users, small business users and users commonly used to publish simple programs.

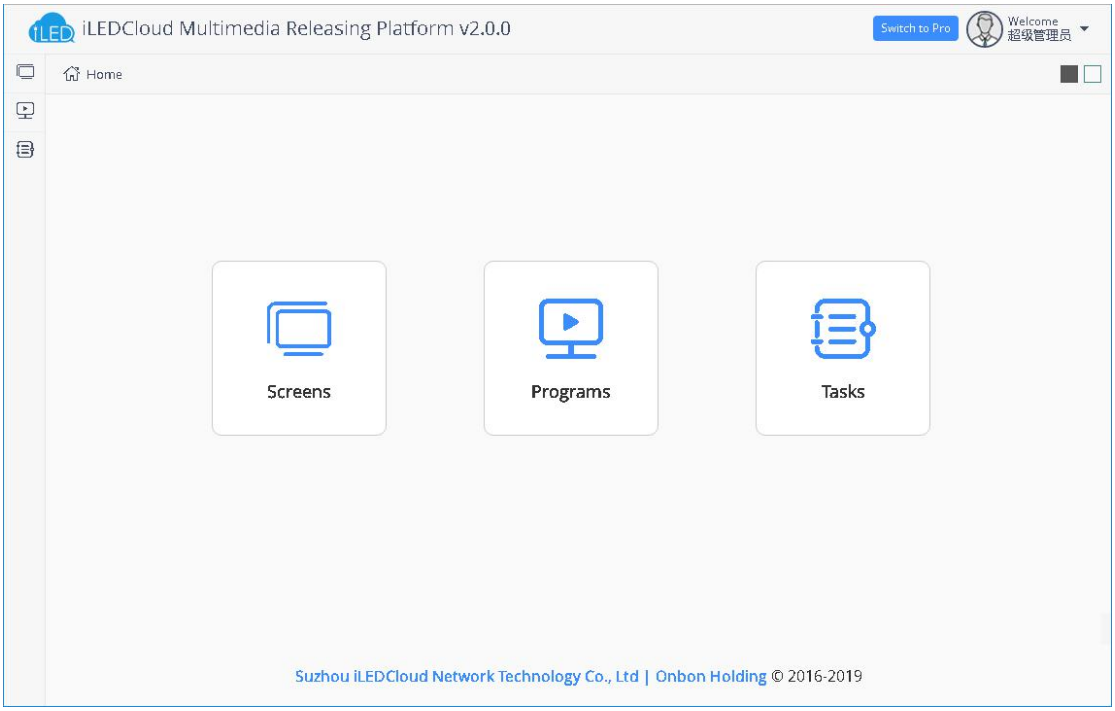
Simple version provides: screen management, program list, task management three modules, see picture 5.10-1 simple version home page.

Screen management is mainly to add screen modification and switch machine and other operations.

The program list module is mainly used to create and edit the entire program list. The module is divided into list making, list viewing and list publishing.

The simplified version can only use the form of list to present the program, and no longer provides the operation function for the single program.

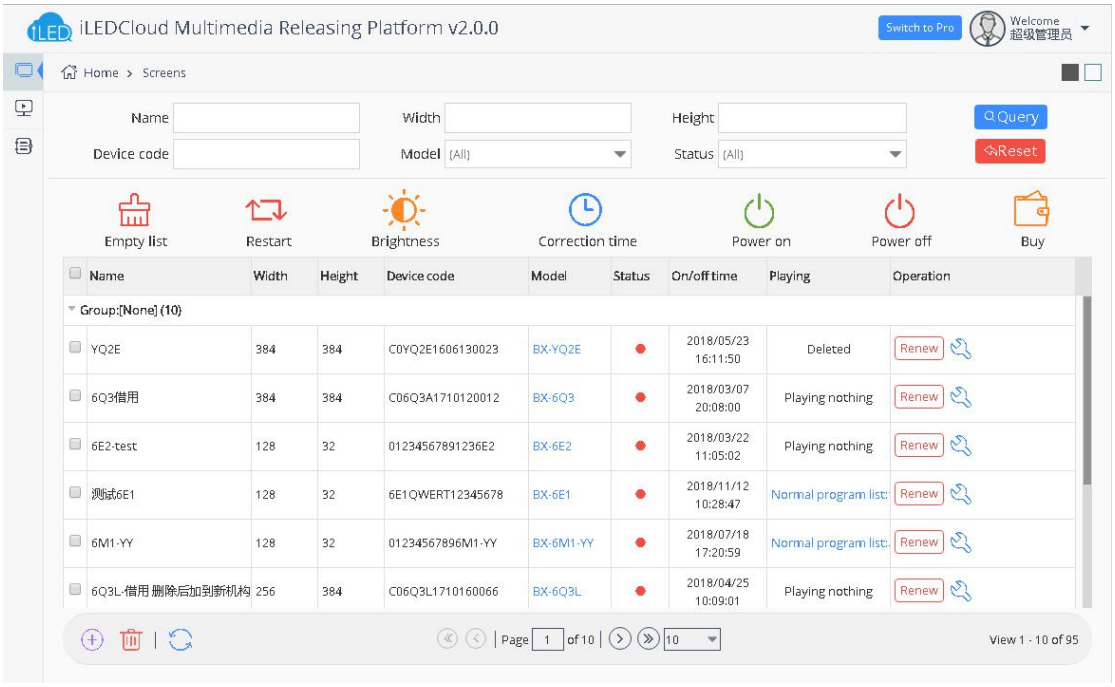
Task management can view the user's action log.



picture 5.10-1

5.10.1 Screen management

Users can perform relevant operations on the screen in the screen management page of resource management. The page is shown in picture 5.10-2. Some operation button notes on the screen management page as shown in table 5.10-1.



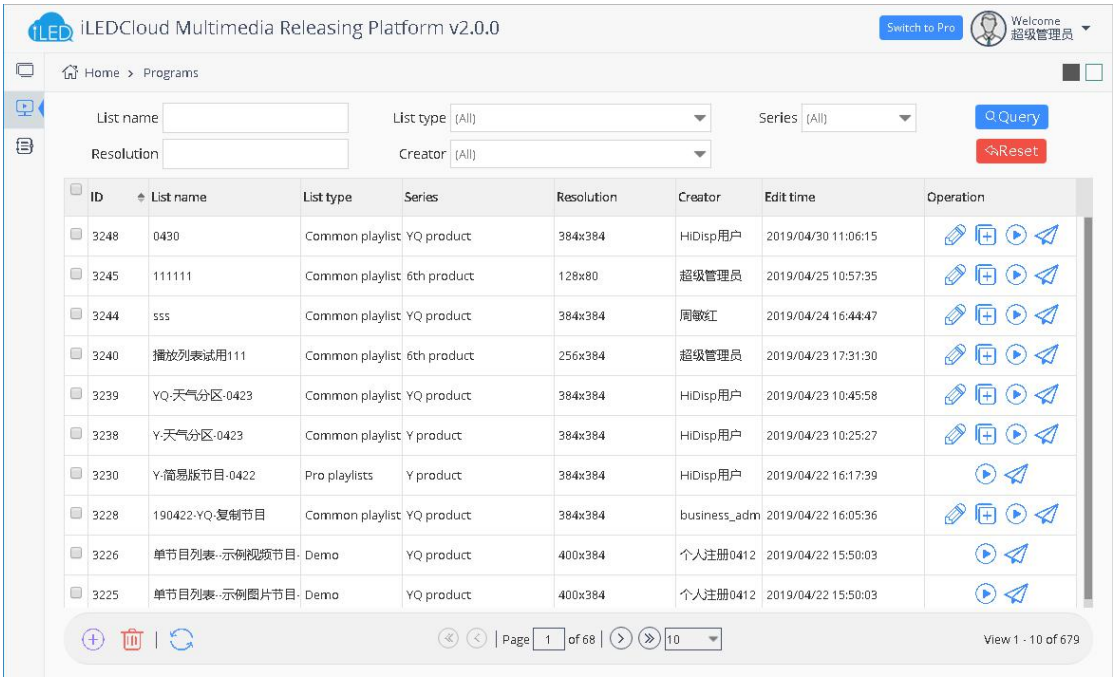
picture 5.10-2

table 5.10-1

Button	Functions
	Screen control button,click to set the screen parameters
	Add button to create new records
	Delete button to delete the selected single record or bulk records
	Refresh button to refresh the list
	Empty list button to clean up list
	Restart the controller button
	Adjust the screen brightness button
	Screen time correction button ,select then click this button to make time correction
	Power on button
	Power off button
	purchase the screen price package after select the screen

5.10.2 Program list

Users can make, edit, view, and publish the program list in the program list interface, as shown in picture 5.10-3.The simplified version can only use the form of list to present the program, and no longer provides the operation function for the single program.Some button comments on the page, as shown in table 5.10-2, can then be managed by the action button after each playlist.

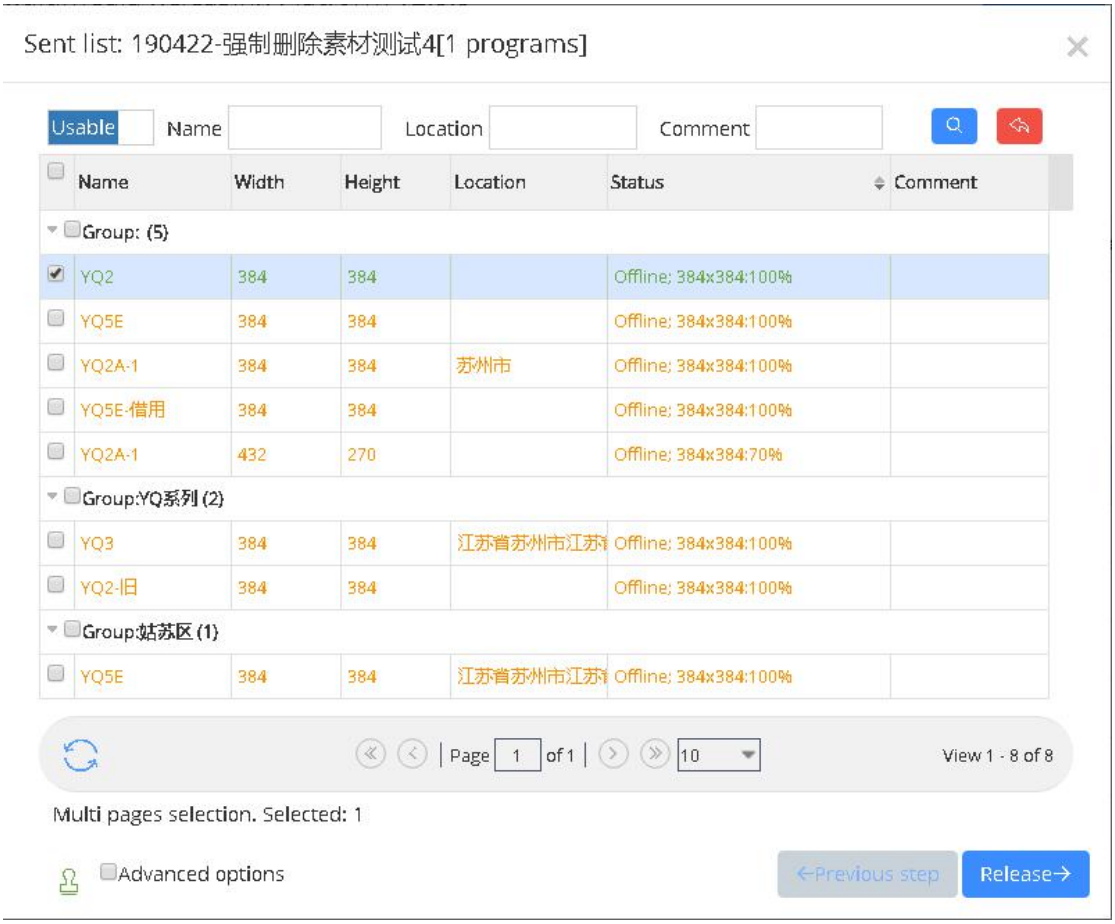


picture 5.10-3

table 5.10-2

Button	Functions
	Edit program button ,click to create page,user can secondary edit in the base of original program.
	Preview program button ,click and turn to the program preview page,as shown in picture 5.10-4
	Copy the display button and copy the current display list.
	Release program button ,click and go to the program release interface as shown in the picture 5.10-5

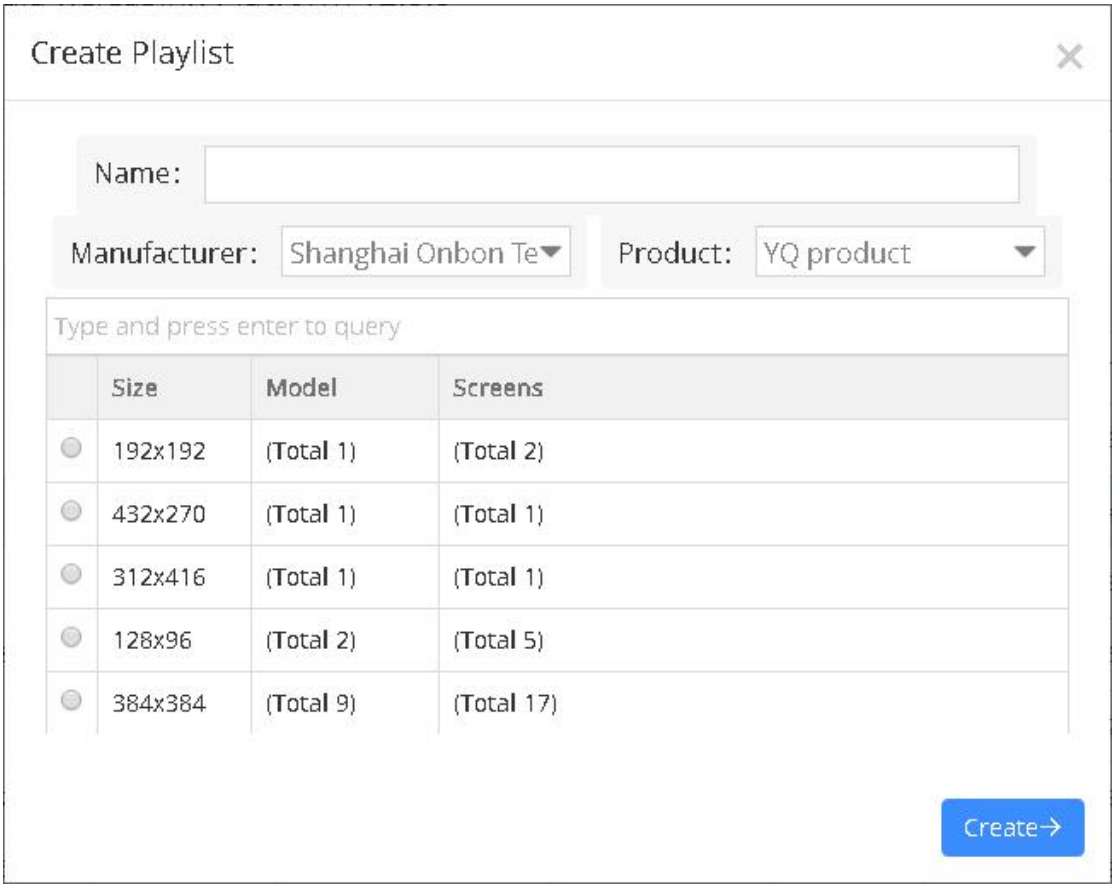
picture 5.10-4



picture 5.10-5

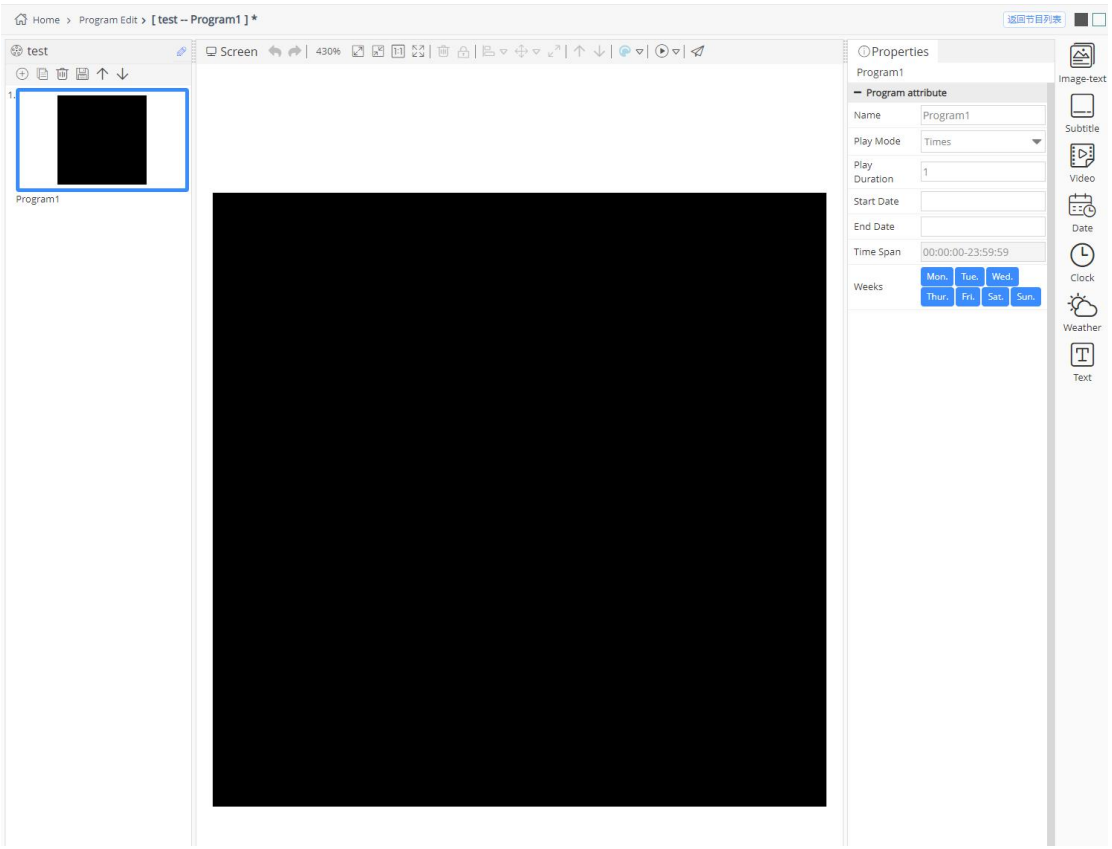
5.10.3 create the list

In the simplified version, users will directly create and edit play lists, and a single program can only exist attached to each play list.Users can create and edit programs in the program list.If the user wants to create a new program list, click the plus sign in the lower left corner of "program list", as shown in picture 5.10-6. A window for creating a new program list will be displayed on the page.



picture 5.10-6

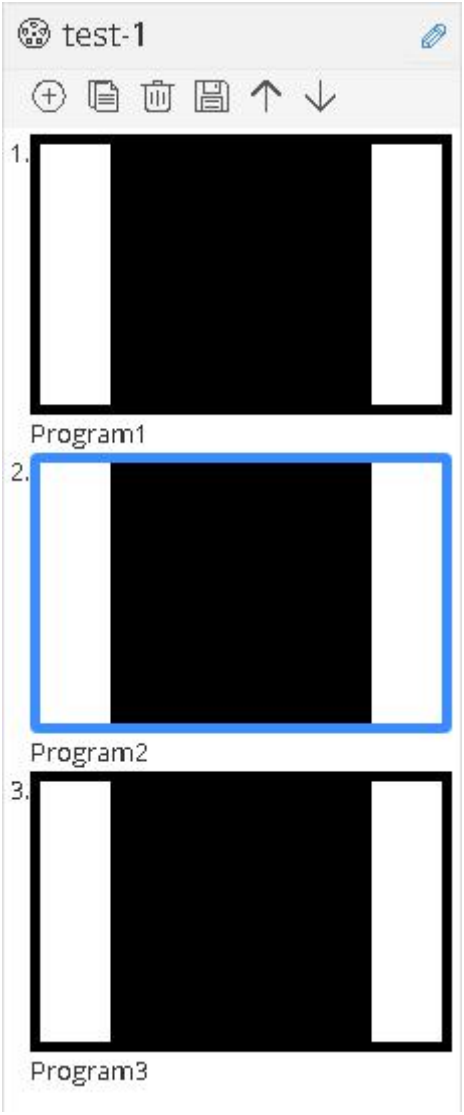
After creating a new program list, it will enter the production page, which is divided into left, middle and right parts, including playlist, screen, partition and properties, as shown in picture 5.10-7.



picture 5.10-7

1. on the left of page

On the left is a preview of the playlist, as shown in picture 5.10-8. Each rectangle represents a program, which will be highlighted when selected.Users can add, delete, copy, paste, and adjust the order of programs in the list here, with some button comments as shown in table 5.10-3.



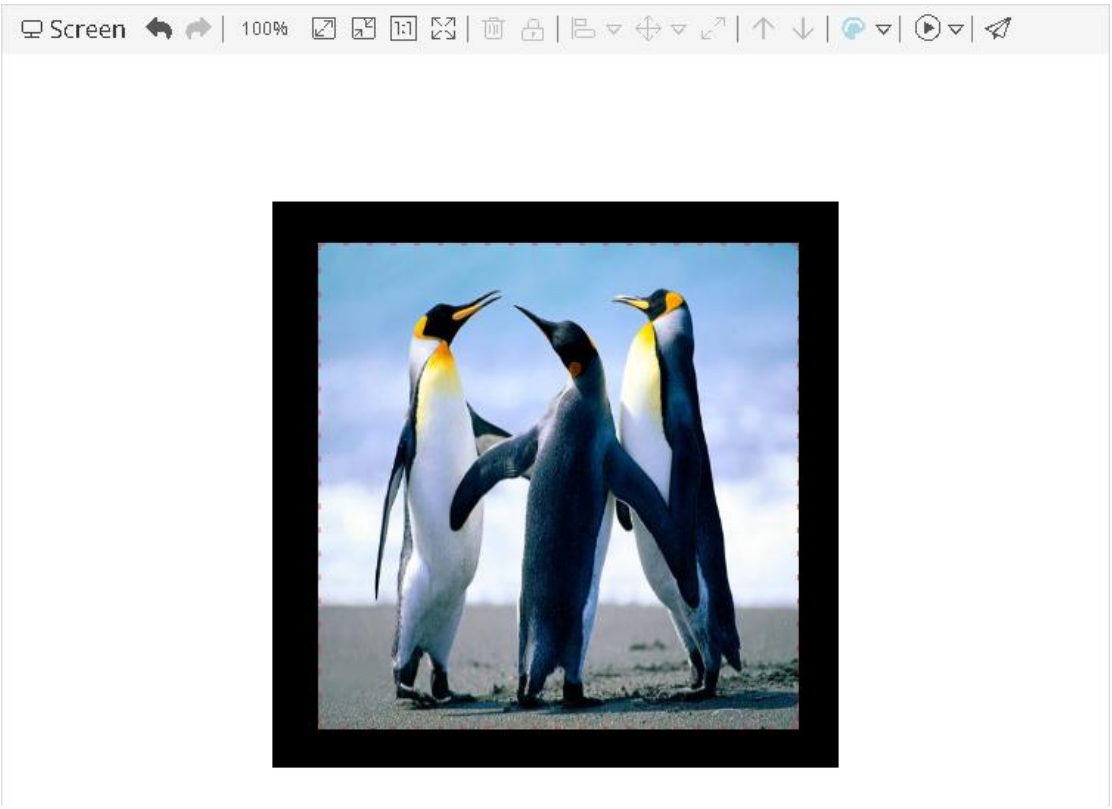
picture 5.10-8

table 5.10-3

Button	Functions
	add one empty program in the end of playlist
	copy one same program in the end of playlist
	Delete the selected program
	Save this list
	adjust the program location up and down
	The name of edit list

2. Middle area of the page

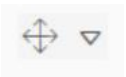
The middle area of the page is composed of screen parts for partition placement and effect display, as shown in picture 5.10-9. Some button notes are shown in table 5.10-4.The black area in the middle is the screen, where the user can place the partition for editing.



picture 5.10-9

table 5.10-4

Button	Functions
	Undo and redo
	Zoom scale, display the current screen zoom scale, can be manually adjusted
	zoom in screen
	zoom out screen
	screen show follow the original size
	display all the screen

	delete the selected zone
	select the locked ,after unlocked then to move
	Alignment, select multiple partitions at the same time to set its alignment (there are multiple alignment options in the sub-menu)
	Size assimilation, which keeps the size, width, or height of the selected partitions consistent (there are multiple size assimilation options in the sub-menu)
	Expand the partition to full screen and fill the screen with partitions
	move up and move down to adjust the structure position of the selected partition
	Non-grayscale program preview button, preview different color mode program effect (sub-menu has "single color", "dual-color" and "tri-color" button)
	Preview the current program (there are buttons of "accelerated play", "normal play" and "decelerated play" in the sub-menu)
	release the program list

3. The right zone of the page

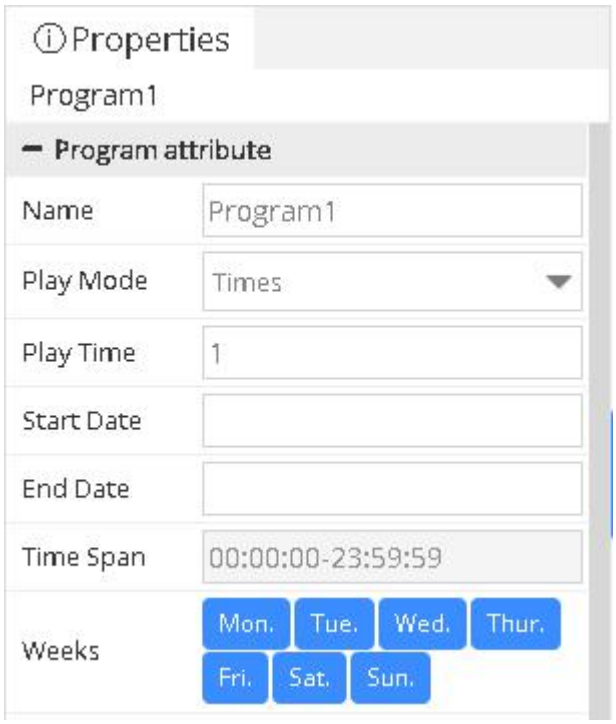
The area on the right side of the page is composed of partition bar, property bar and material bar. The corresponding supported partition will be displayed in the partition bar, as shown in picture 5.10-10. Each partition has different effects, and users can directly double-click or drag to add a partition.At present, there are seven simple version of the partition, respectively is image-text, subtitle, video, date,clock, weather and text partition.

picture 5.10-10

After adding graphic, subtitle, video, plain text partition, the right area will show the material bar.Users can directly right - click, double - click or drag to add material in the partition.Users can also add materials in the material bar. Just click the add button to complete the adding, as shown in picture 5.10-11.

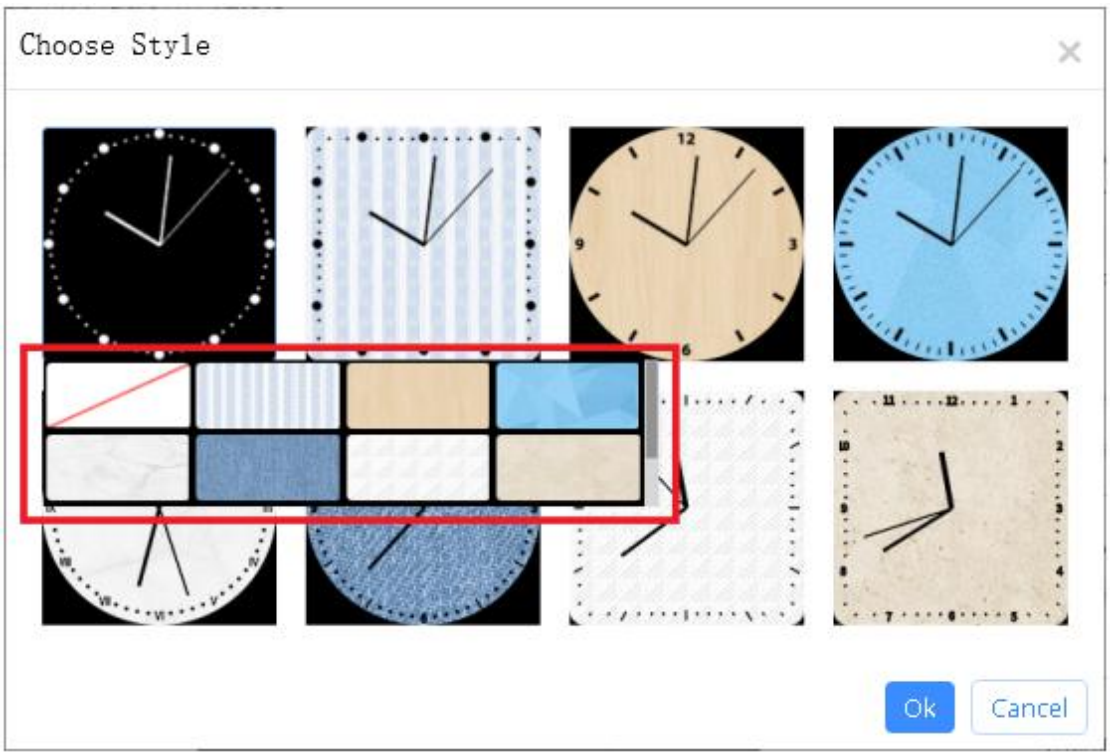
picture 5.10-11

The property bar will display some property values of the current program and the currently selected partition. If no partition is selected, the broadcast property of the program will be displayed. Users can modify the data to change the broadcast mode and duration of the program, as shown in picture 5.10-12.



picture 5.10-12

After a partition is selected, the right property bar will show the partition property of the partition. In the simple version, we appropriately reduce the items that can be modified in the partition property according to the user's habits, hoping to shorten the time for the user to make the program.In addition, we have designed the style template for the dial, weather, and time partition, which can be opened in the "style" of the partition attribute. Each partition has 8 styles and 8 shading patterns for users to freely combine and match according to their needs, without requiring users to manually adjust the styles.As shown in picture 5.10-13 below, the dial partition can be used as an example to select the dial style and replace the background pattern.

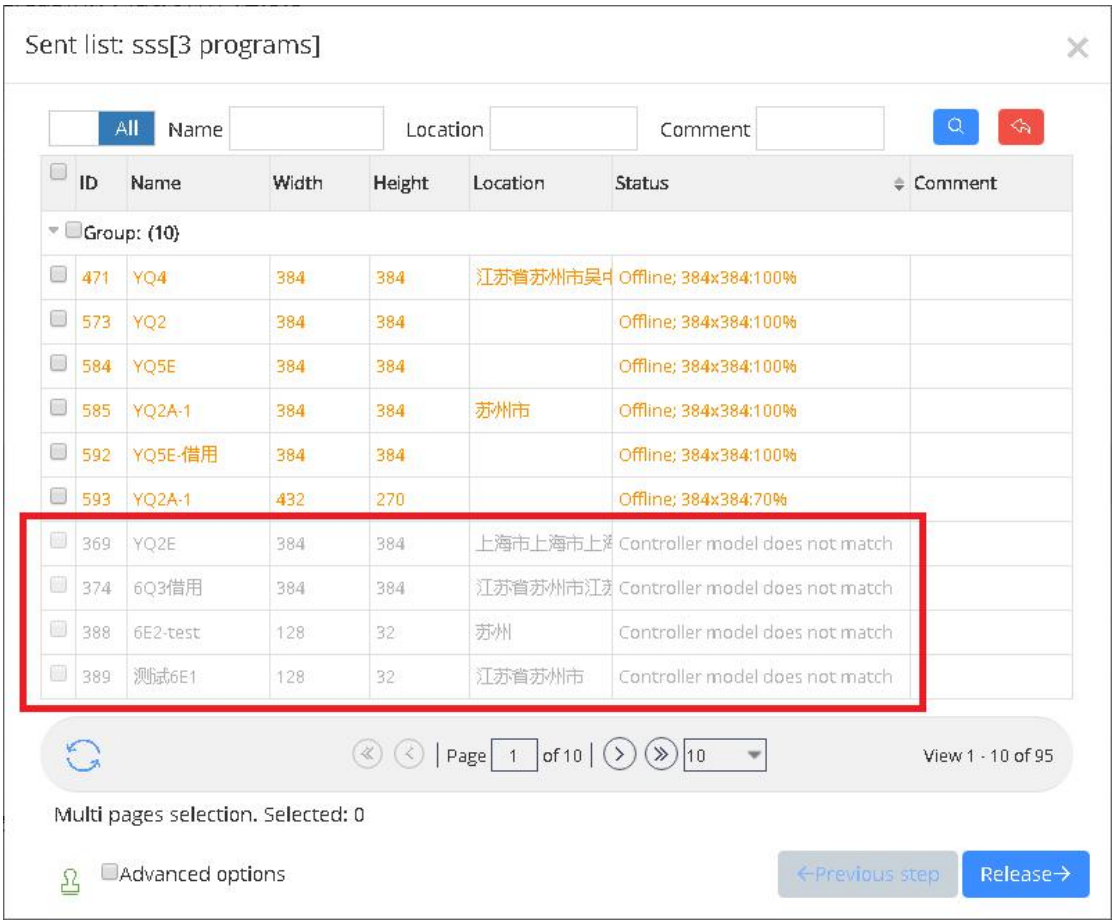


picture 5.10-13

5.10.4 Release the program list

Users can publish the program list in the "program list" and program list production page, and select the corresponding screen in the pop-up publishing wizard (picture 5.10-5) to complete the publishing task.In the simplified version, complete the program list publishing wizard, and the list will be directly and instantly sent to the corresponding screen.At present, the platform can conduct publishing operations and generate publishing tasks for both online and offline screens, and normally complete publishing tasks for online screens.For the offline screen, publishing tasks are automatically completed after going online.

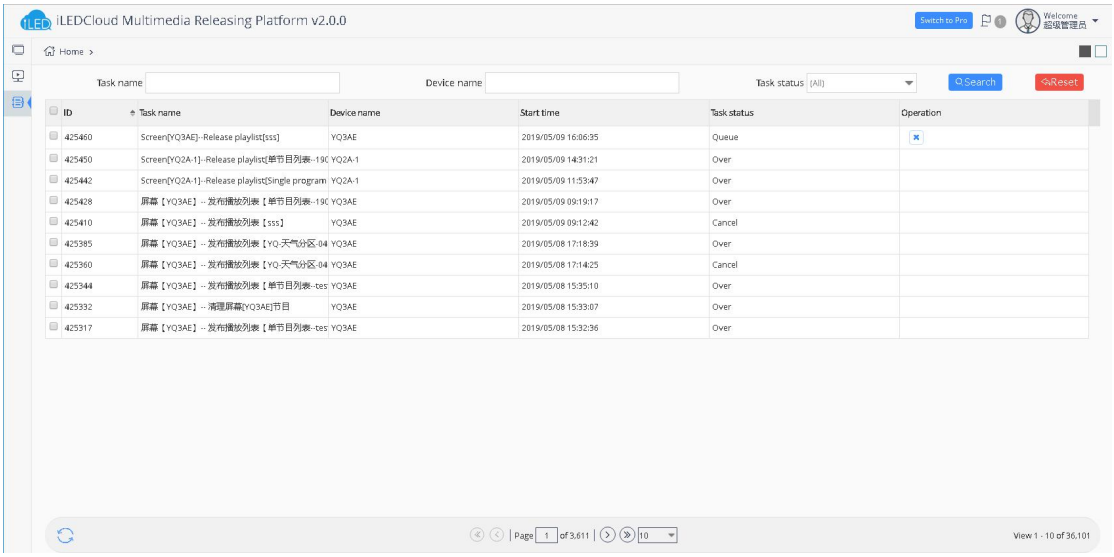
In addition, the simplified version supports the adaptive function. We will calculate the matching rate of the user's program list and other screen sizes according to the formula. If the matching rate is greater than 60%, you can choose to send it to the screen.Otherwise, you cannot choose, as shown in picture 5.10-14 below.



picture 5.10-14

5.10.5 Task management

User can query the task in the task management as shown in picture 5.10-15 ,also can check the task status in the same time.Also user can check the release process in the top right corner of the page.

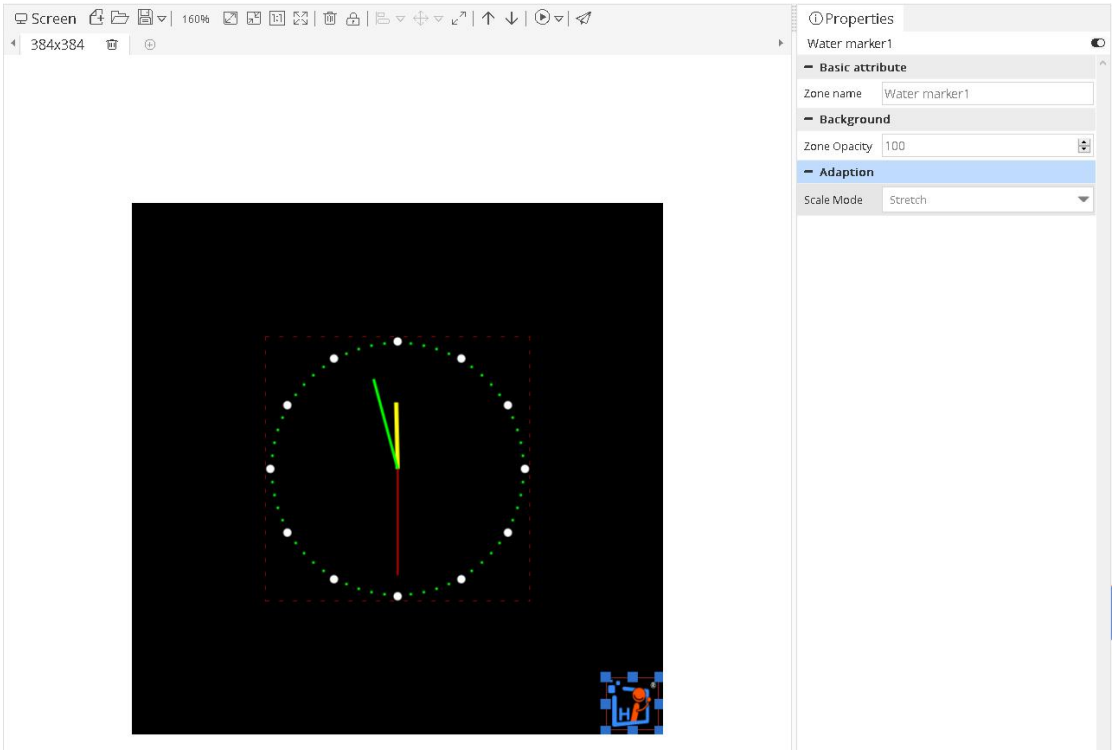


picture 5.10-15

5.11 platform security management specifications

5.11.1 The watermark logo

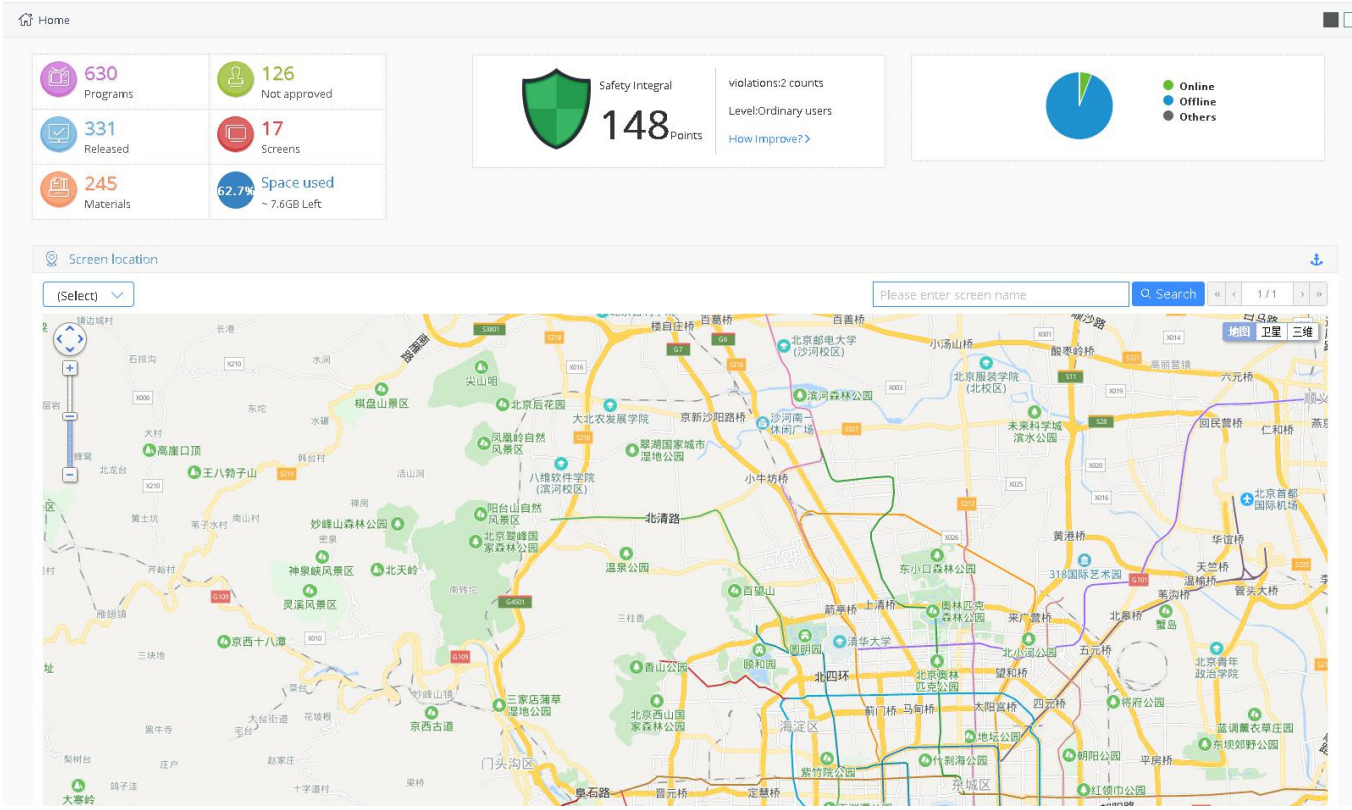
When the watermark mode is enabled on the platform, the user enters the page of making the program, and the watermark mark will be automatically added into the partition. It cannot be deleted and is always placed on the top, but the watermark mark can be moved. When the user publishes the program, the watermark mark will be displayed normally, as shown in picture 5.11-1.



picture 5.11-1

5.11.2 Forced offline the illegal broadcast

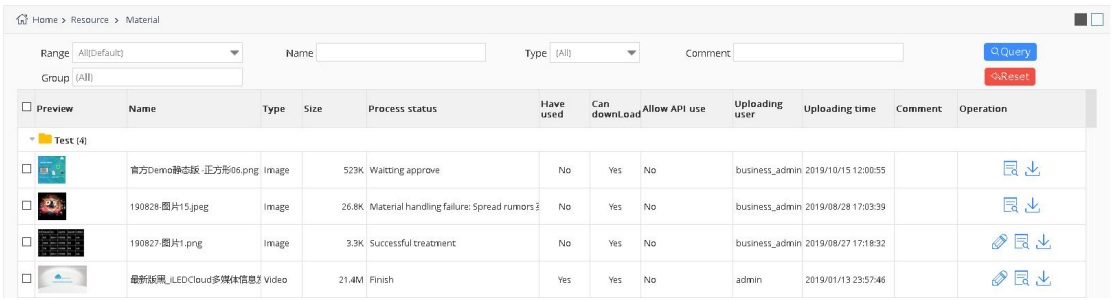
After receiving the report/sample review and confirming that the illegal content is released through the platform of iLEDCloud, the platform will take the program offline forcibly and deduct the corresponding security points or blacklist it.When the user logs in the system again, the current security score and security level will be displayed on the home page and the number of violations will be recorded, as shown in picture 5.11-2.



picture 5.11-2

5.11.3 Material approval

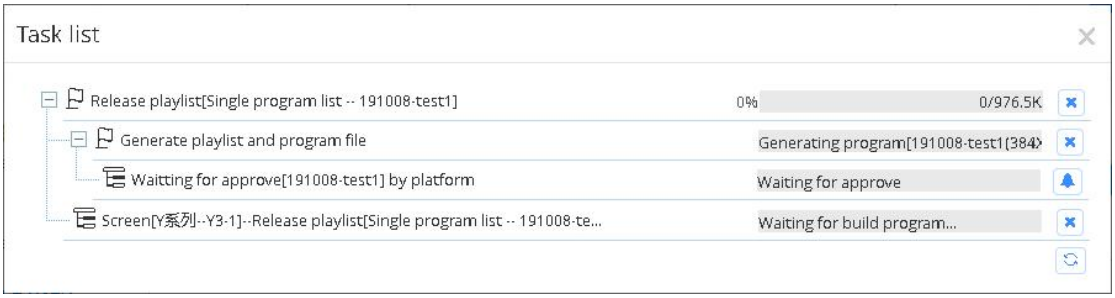
Your material will enter the risk audit first after uploading, at this time, you can still use the material for program production, but only when all the materials in your program are in the state of approval, your program can be released.(in order to reduce the impact on your use, it is recommended that you upload the material in advance.)



picture 5.11-3

5.11.4 Program approval

Your program will enter the program audit stage after clicking release, and your program will be released automatically after completion of the audit. If the program is not approved after a certain period of time, you can click the little bell next to the release list to urge approval, as shown in picture 5.11-4.



picture 5.11-4

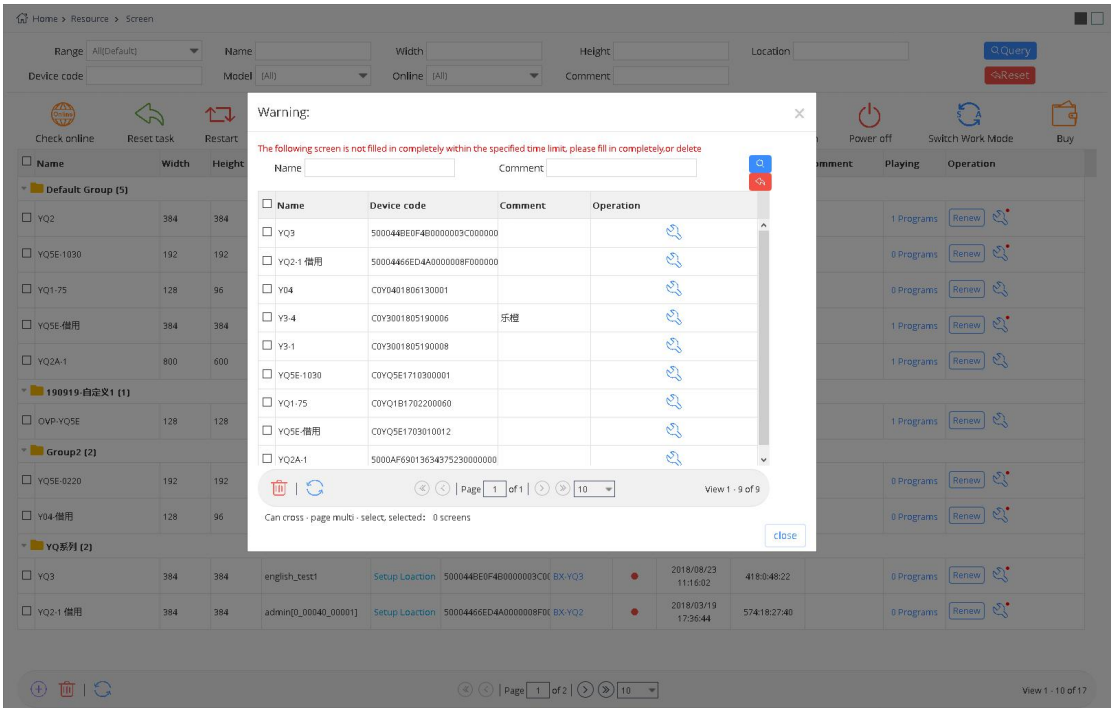
5.11.5 Fill in the screen position

When the user adds a new screen and does not fill in the screen address, the boot window at the top of the home page will show that there are xx screens that have not been filled in. Please fill in the screen location information before xx, xx, xx, xx, xx, as shown in picture 5.11-5.If it is still not filled in after 20 days, the prompt will turn red, as shown in picture 5.11-6.

picture 5.11-5

picture 5.11-6

If the screen location has not been filled in 30 days after the screen was added, when the user enters the screen management page, a pop-up window will appear to guide the user to fill in the screen location, as shown in picture 5.11-7. Otherwise, the screen cannot be used.



picture 5.11-7

6 Zone instruction

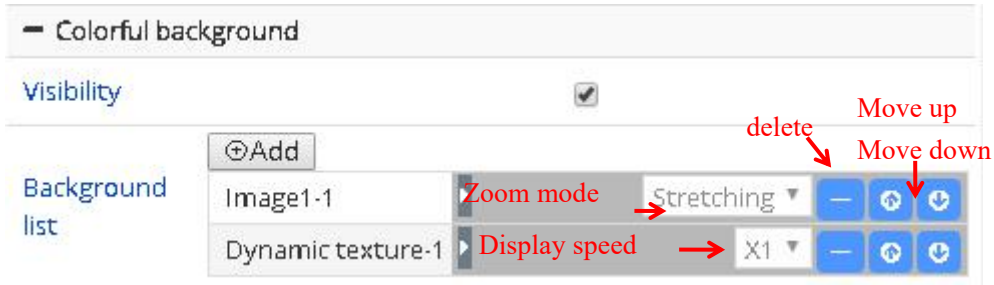
There are 11 zones in the platform ,they are : image&text zone ,subtitle zone ,text zone,video zone ,clock zone ,time zone ,timing zone ,sensor zone ,weather zone， voice zone and local live zone.

6.1 The zone features of 6th generation program

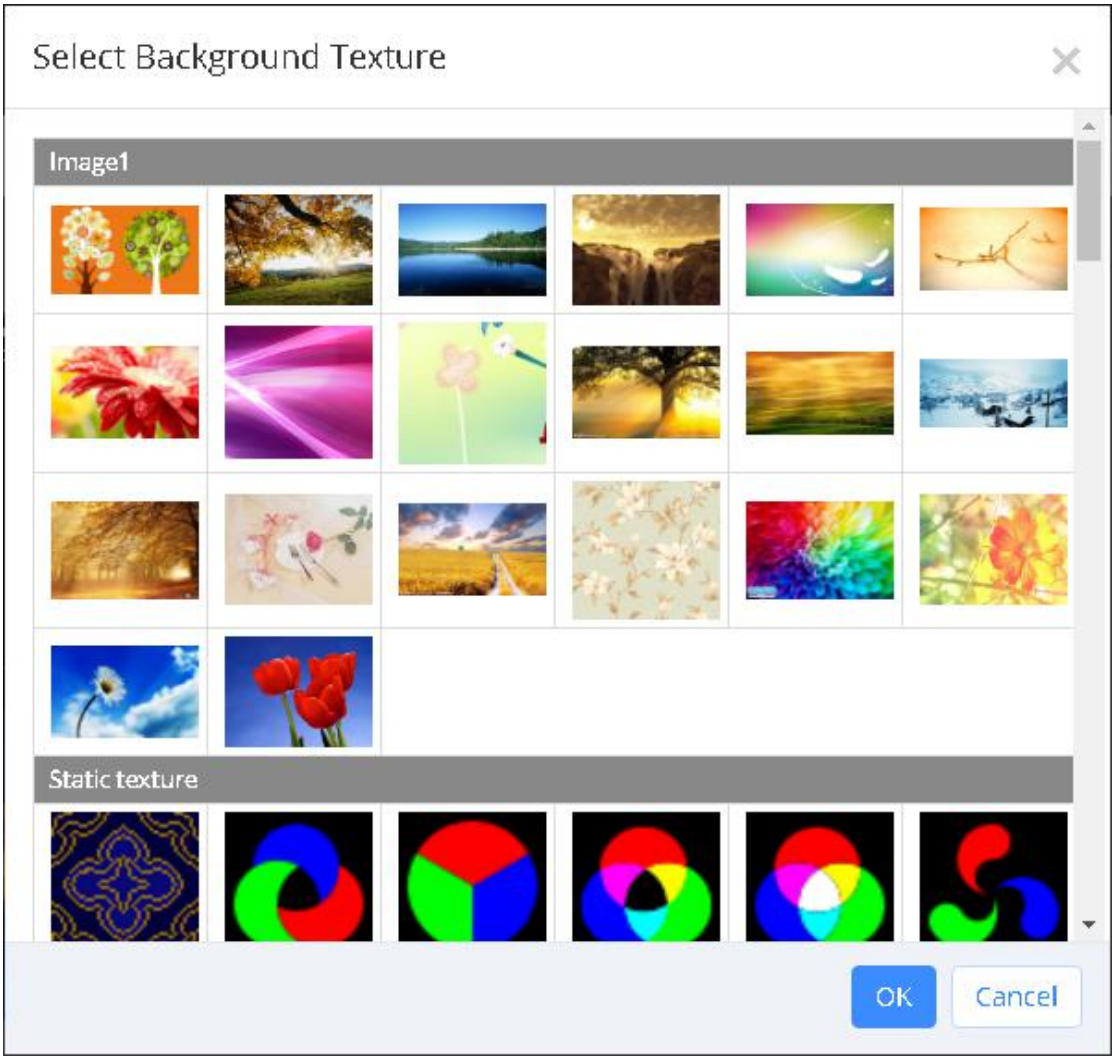
Now the platform support 6th generation,Y series and YQ series controller , different 6th generation is different with other two series controllers,the 6th generation controllers support the rich frame and colorful background ,in the program of 6th generation controller, there is “rich frame “property as shown in the picture 6.1-1 ,after select this option ,user can modify the property to display the effect as request.

picture 6.1-1

In the program of 6Q ,there is rich frame and colorful background property as shown in the picture 6.1-2,in the “colorful background”can support the static background and dynamic background .user can click the “add” button to select the background as shown in the picture 6.1-3,in the picture 1 ,the background can set the zoom mode ,the default static mode is stretching and can set the display speed in the the dynamic background



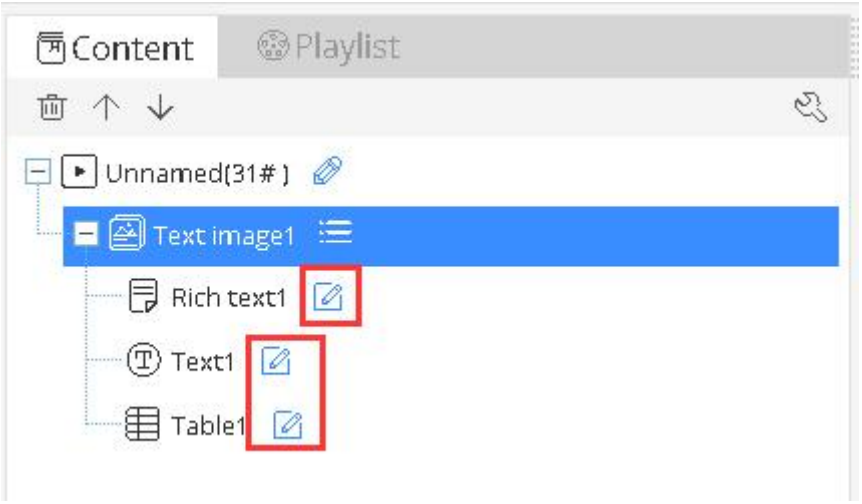
picture 6.1-2



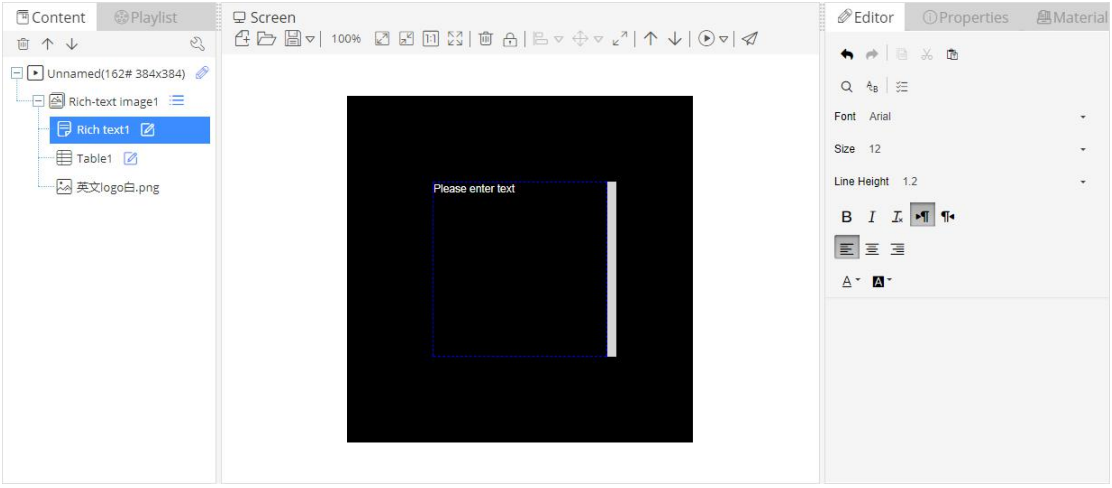
picture 6.1-3

6.2 Image&text zone

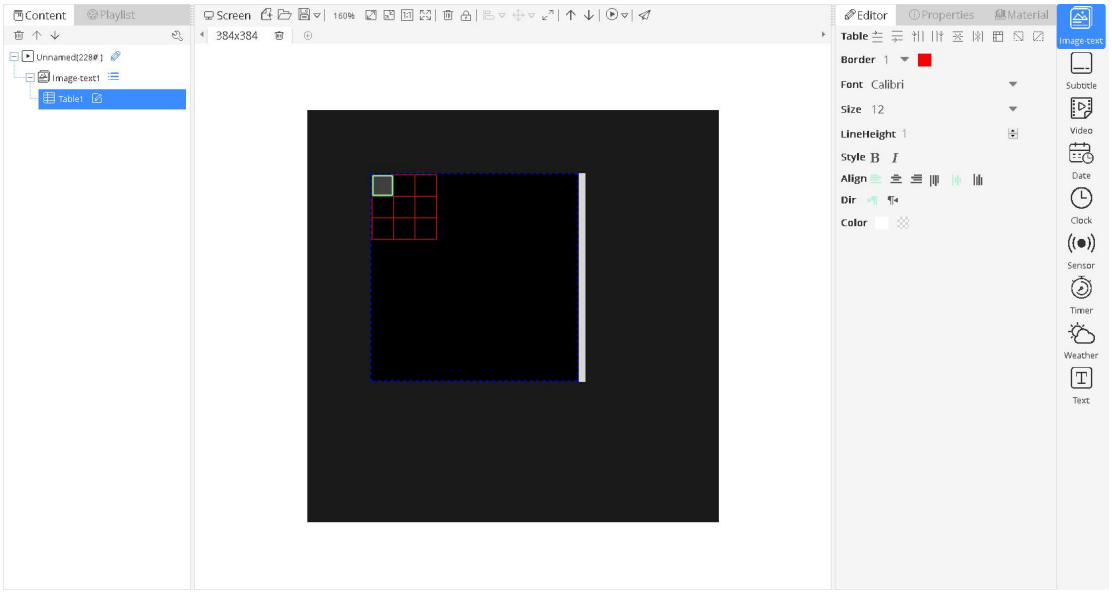
The image&text zone including the text ,image and table material ,the feature is strong edit function and can set the text format ,user can click the edit button as shown in the picture 6.2-1,open the editor then as shown in the picture 6.2-2 and picture 6.2-3.



picture 6.2-1

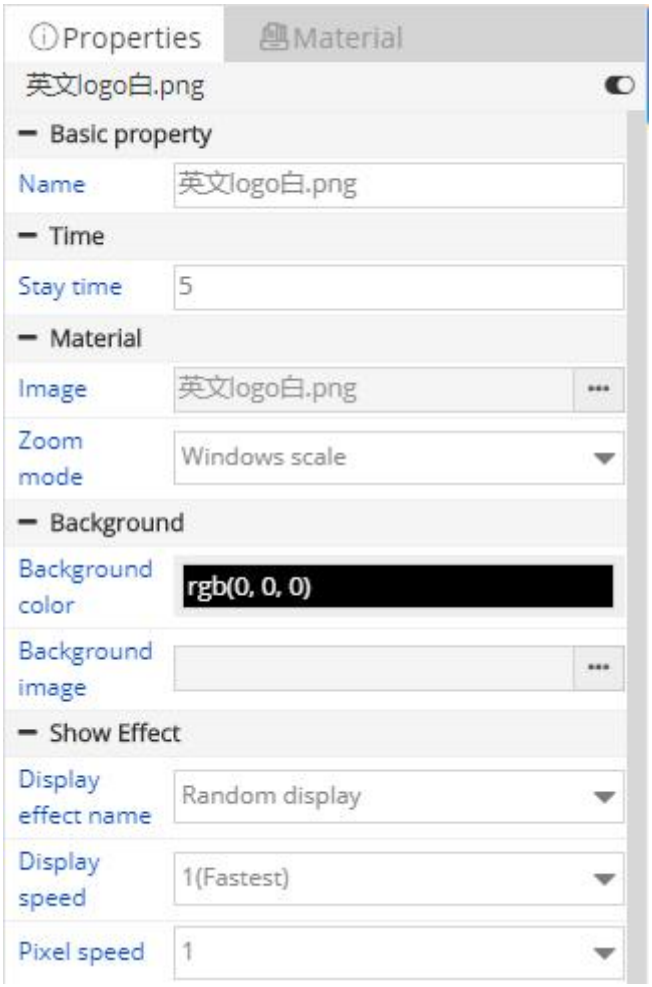


picture 6.2-2



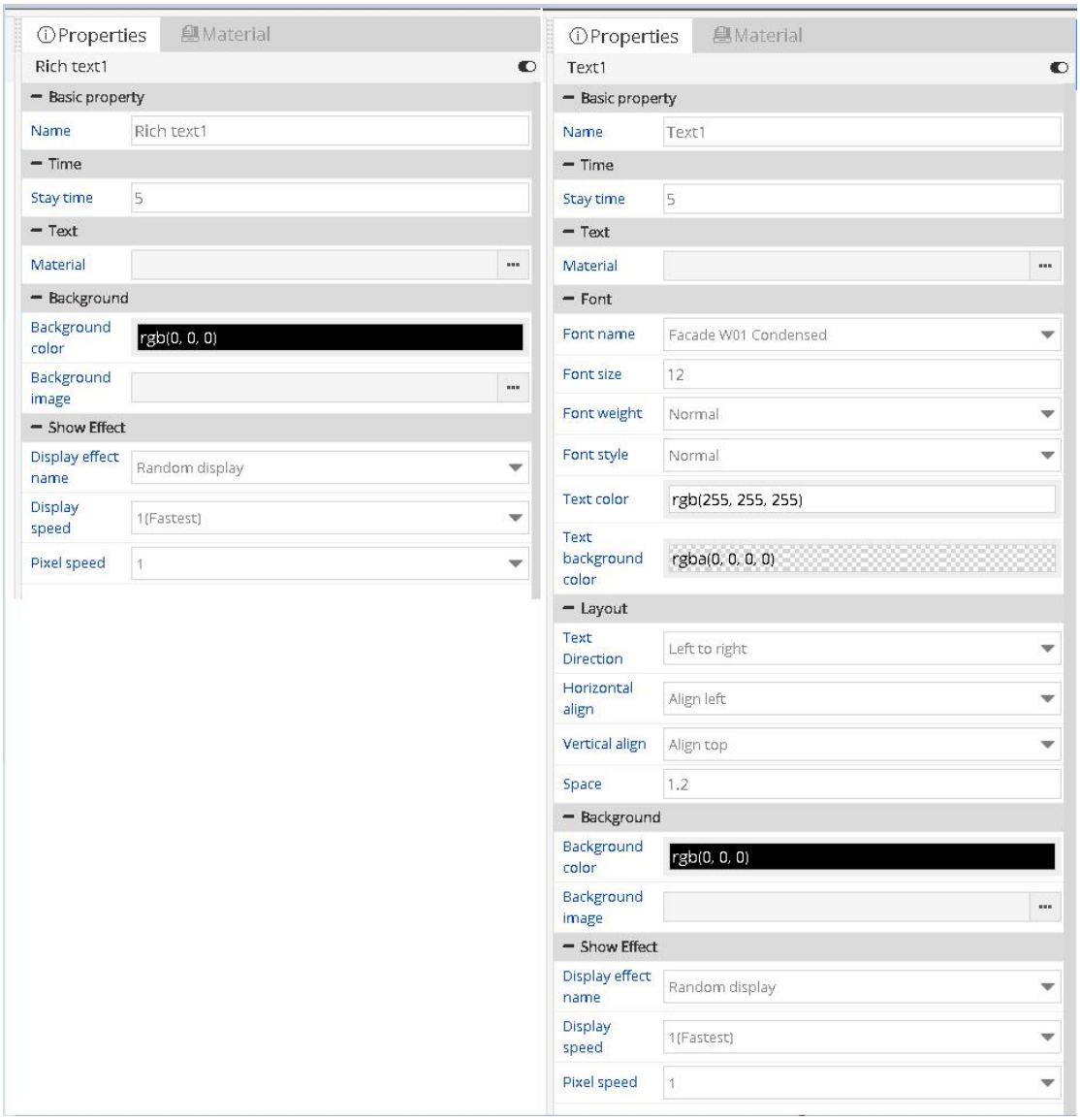
picture 6.2-3

The image&text properties like shown in the picture 6.2-4 ,including the basic property ,time ,material ,show effect ,in the basic property ,user can modify the name to change the material name in the zone ,in the time property can modify the image stay time ,in the material property can modify the image and zoom mode ,in the show effect ,can modify the image show effect and display speed (value is bigger ,the speed is slower)and pixel speed (if the multi media device is too lower version ,then use this option to control the speed)



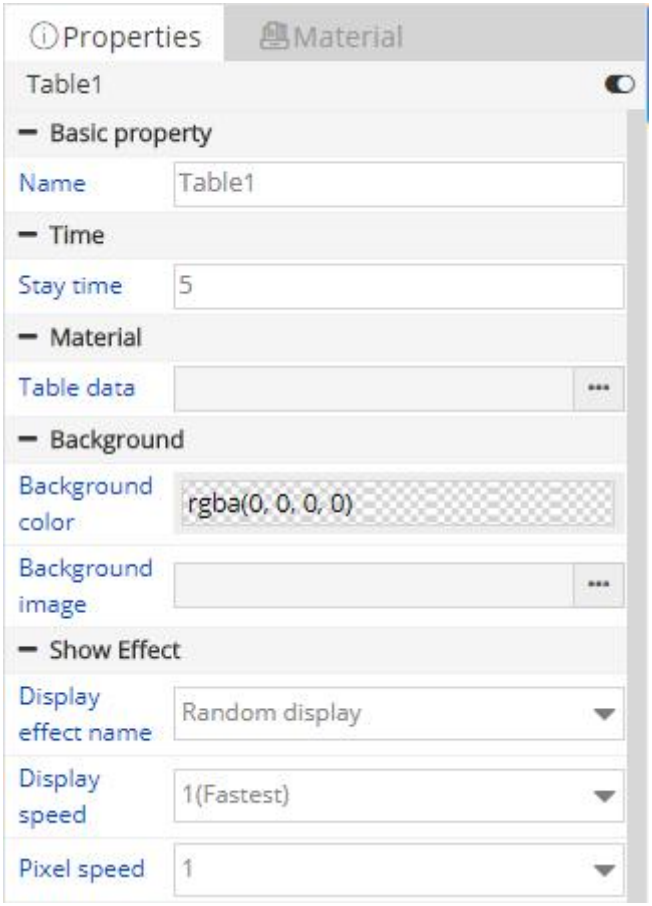
picture 6.2-4

The text property in the rich image&text as shown in the picture 6.2-5, including the basic property, time ,text ,background and show effect . Can modify text material the text property, and modify the text background color or image background in the background property.



picture 6.2- 5

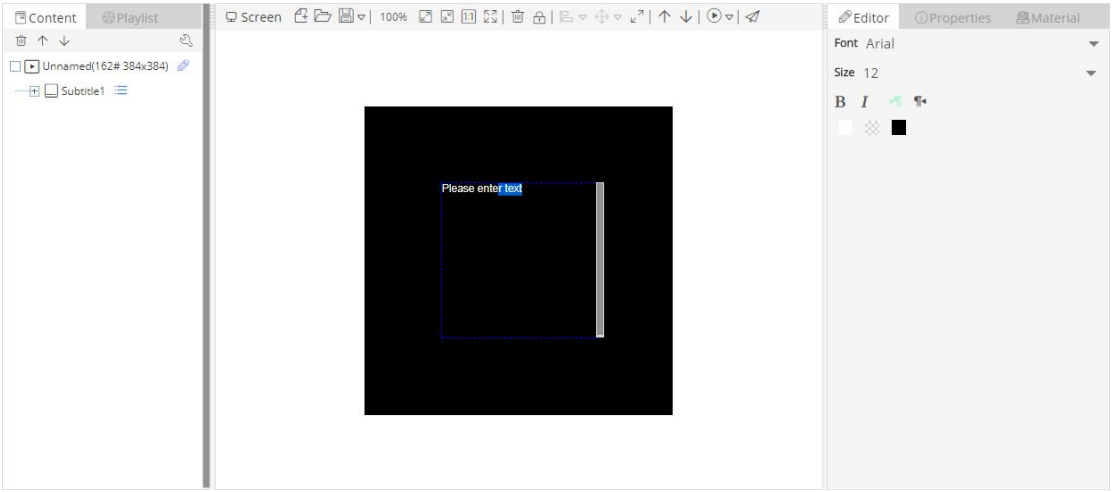
The property of the table in the image&text zone as shown in the picture 6.2- 6, including the basic property ,time ,material and show effect .in the material property ,user can select the other material as request. Users can integrated multi tables, or copy the content from Excel. But cannot copy table types, users need to adjust manually.



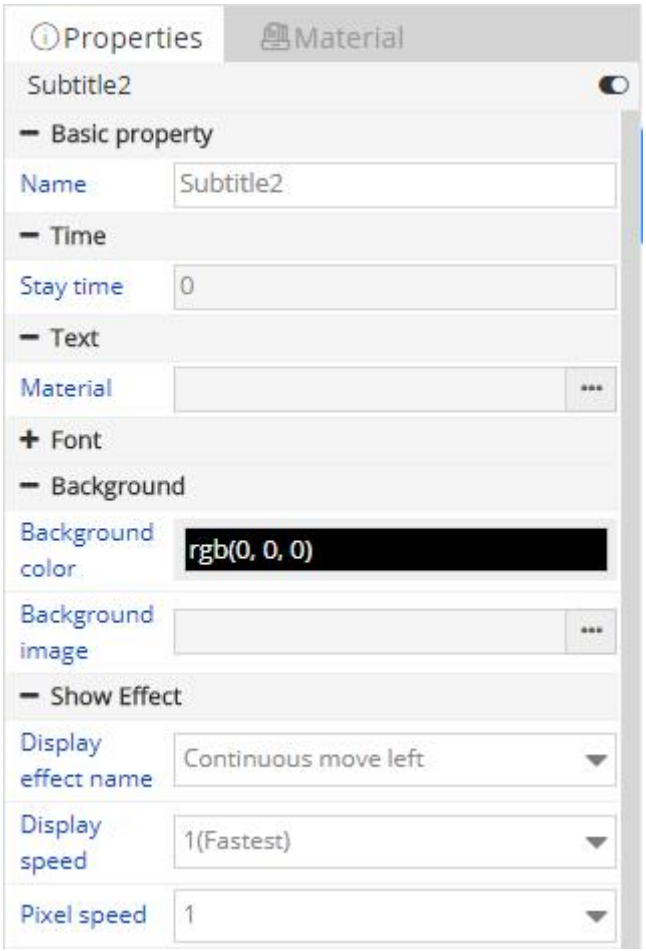
picture 6.2- 6

6.3 Subtitle zone

The subtitle zone including the text material ,the text material format can set in the text editor or property ,the text property default is no break space and" continue move left". the subtitle zone text editor is similar as the image&text zone .as shown in the picture 6.3- 1,because in the subtitle zone the text is no break space ,so there is no break space button and line space property in the editor. the subtitle zone text material as shown in the picture 6.3- 2



picture 6.3- 1

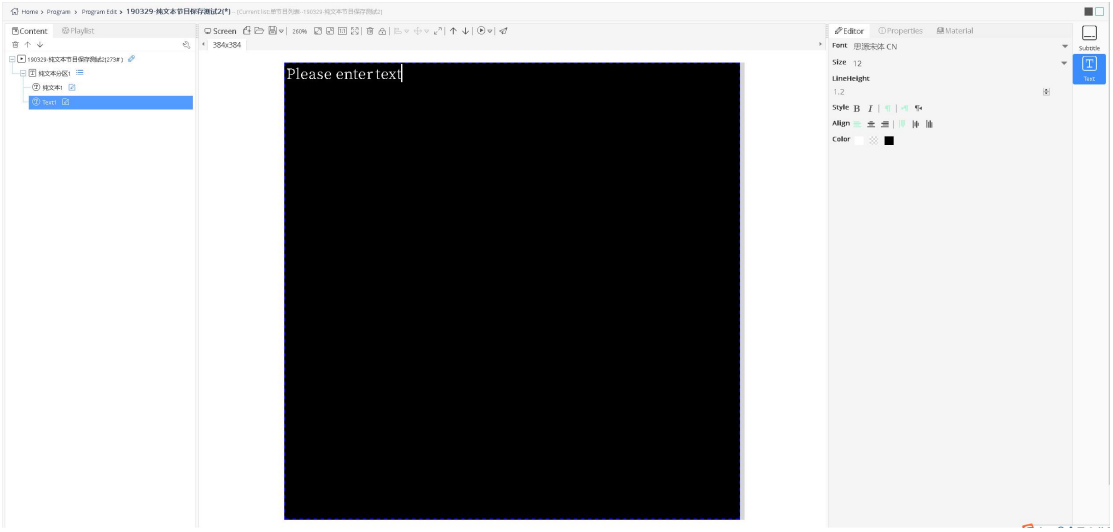


picture 6.3- 2

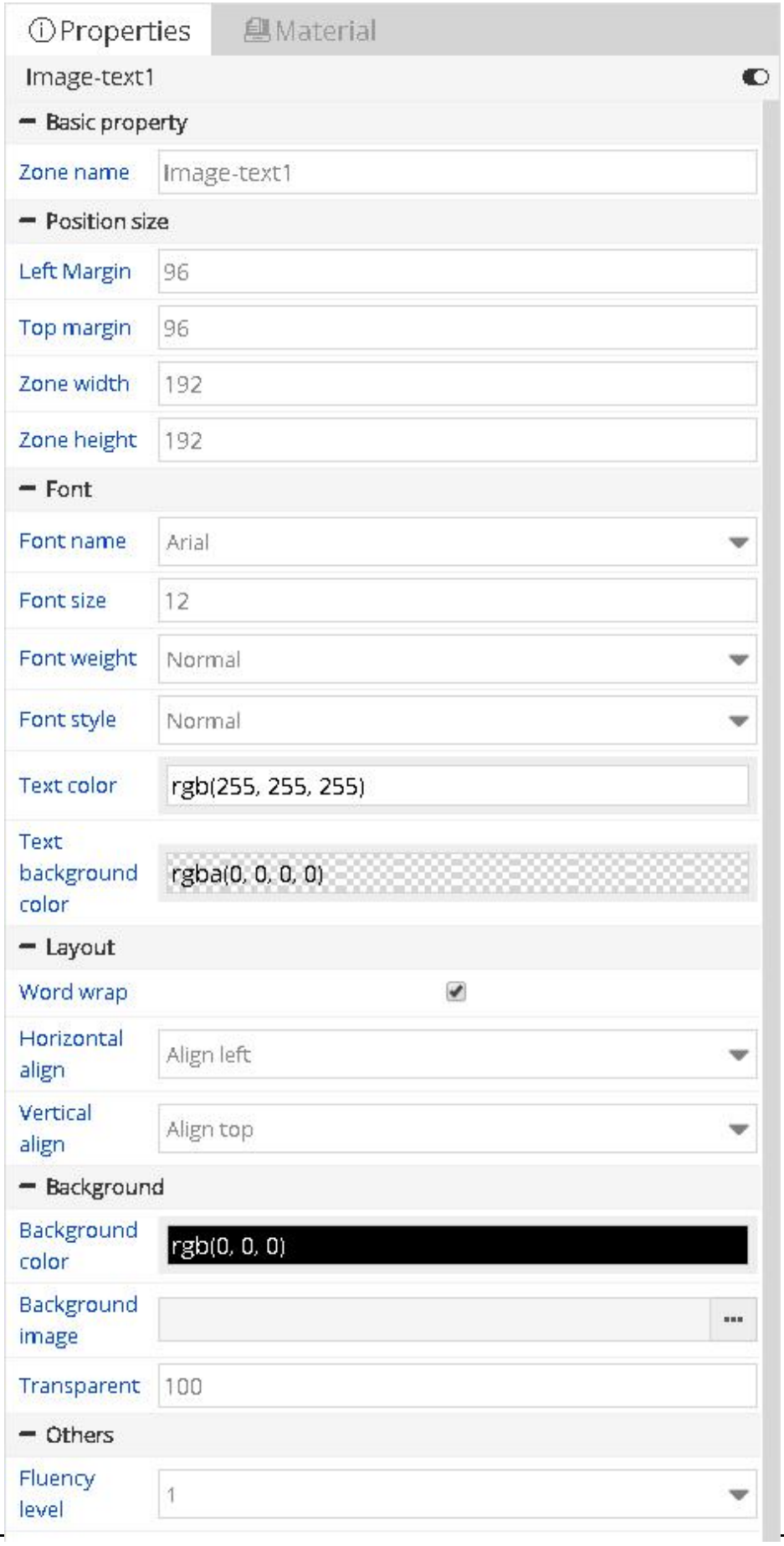
6.4 Text zone

Text zone including only text material,there is editor for text material as shown in the picture

6.4- 1, The font is fixed in text zone, users can set by themselves.



picture 6.4- 1

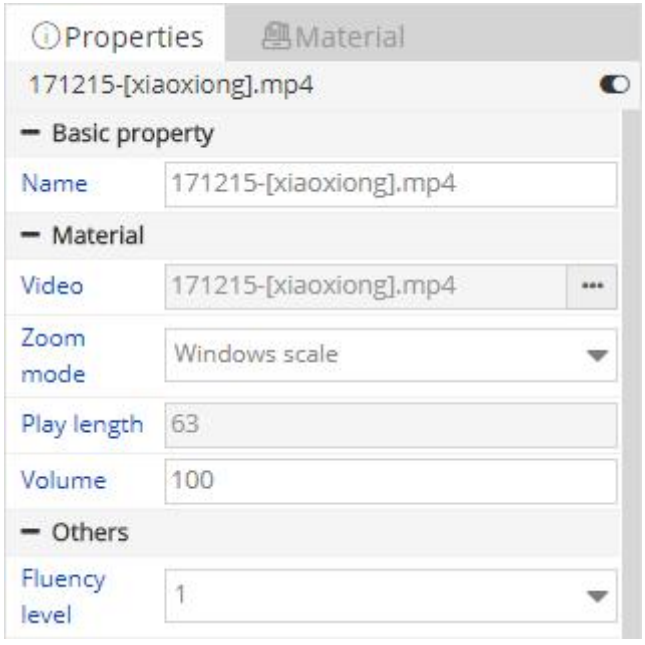

Properties
Material
Image-text1
Basic property
Zone name
Image-text1
Position size
Left Margin
96
Top margin
96
Zone width
192
Zone height
192
Font
Font name
Arial
Font size
12
Font weight
Normal
Font style
Normal
Text color
rgb(255, 255, 255)
Text background color
rgba(0, 0, 0, 0)
Layout
Word wrap
Horizontal align
Align left
Vertical align
Align top
Background
Background color
rgb(0, 0, 0)
Background image
Transparent
100
Others
Fluency level
1

picture 6.4-2

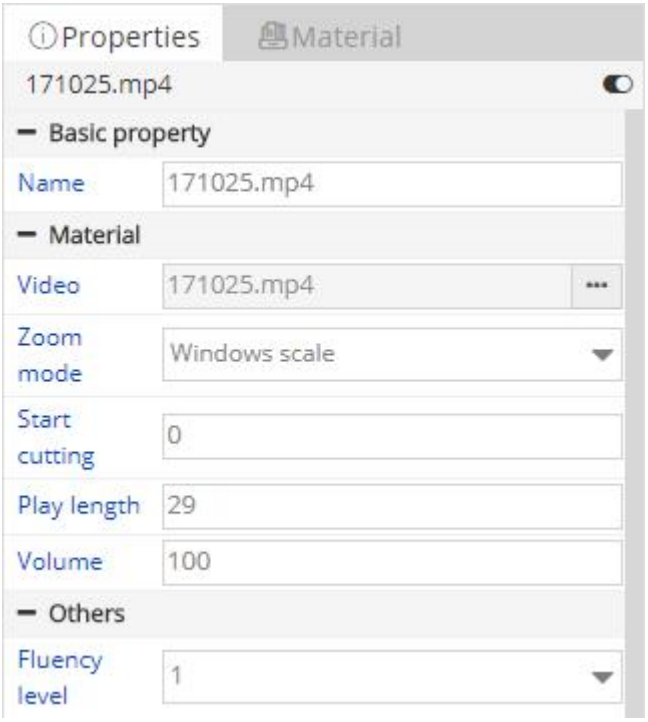
6.5 Video zone

Video zone contains only video material, the user can add the video file upload in material management.Video material properties in 6th / Y series program and YQ is slightly different, such as in the picture 6.5-1 and picture 6.5-2, user can make intercepted in the 6th or Y series program , users only need to set properties "interception start" (must be less than or equal to the total length) video, the video length "properties will change, the rule is" interception start "and" video time "will be less than or equal to the total length of video material. YQ shows the user can modify "video length" properties to modify the video time in the actual display. User can modify the video file and video volume(1-100).the video material zoom mode can be divided into "according to the original scale" and "according to the proportion of window", if by "according to the original proportion", video material will display black, if "according to the proportion of window" video will fully display on screen display.

In Y series program, user can clone 3 video zones at most, the video materials are same in original video zone and clone video zones.User can right mouse-click the original video zone and click “clone” to create clone video zones.



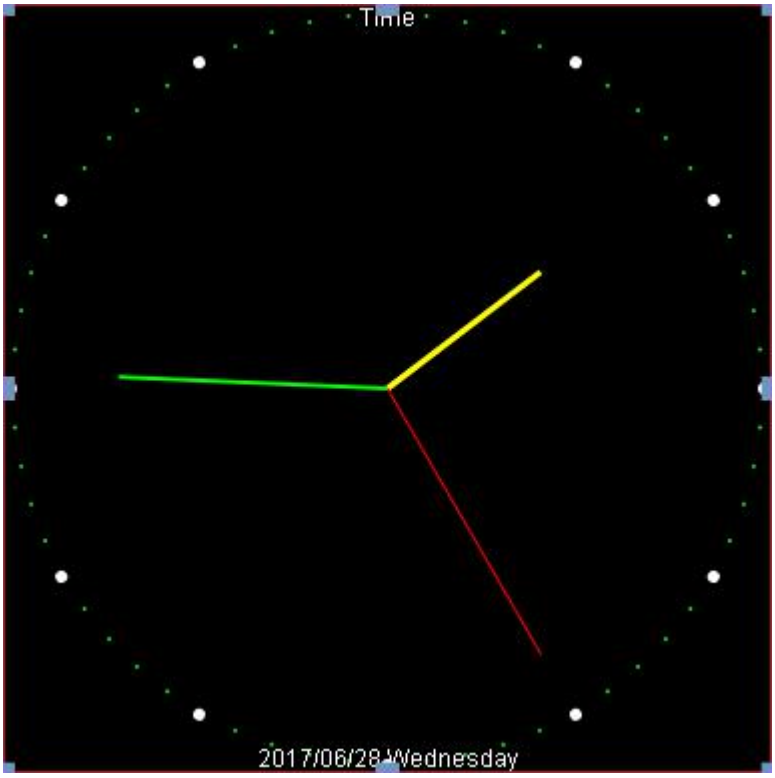
picture 6.5-1



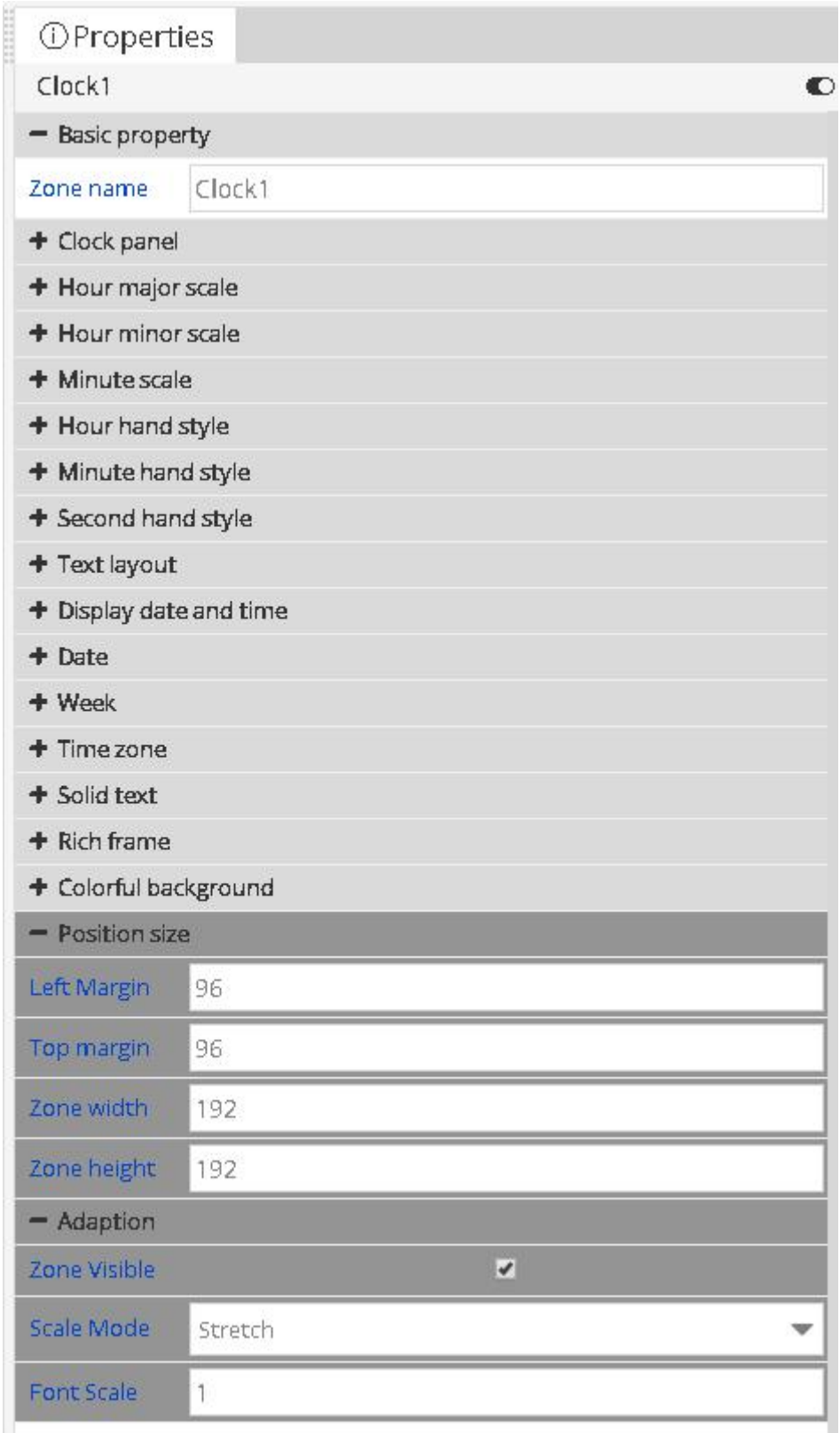
picture 6.5- 2

6.6 Clock zone

The clock zone contain the clock material, as shown in the picture 6.6-1 ,after create the clock zone ,user can edit and manage the clock zone in the edit list of the right side. As shown in the picture 6.6-2



picture 6.6- 1

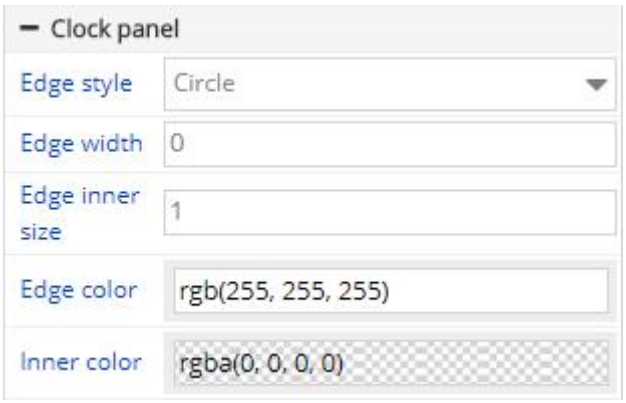

Properties
Clock1
Basic property
Zone name
Clock1
Clock panel
Hour major scale
Hour minor scale
Minute scale
Hour hand style
Minute hand style
Second hand style
Text layout
Display date and time
Date
Week
Time zone
Solid text
Rich frame
Colorful background
Position size
Left Margin
96
Top margin
96
Zone width
192
Zone height
192
Adaption
Zone Visible
Scale Mode
Stretch
Font Scale
1

picture 6.6- 2

6.6.1 Edit the clock

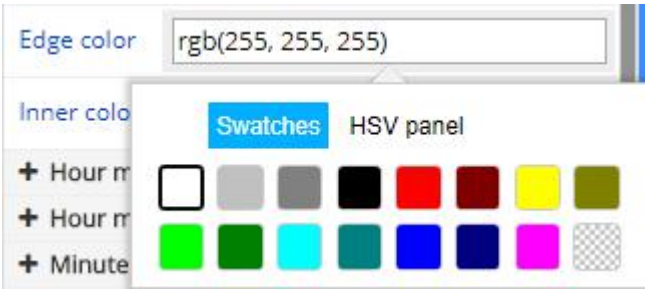
6.6.1.1 Edit the clock panel

User can click the ✚ to open the clock panel, there are 5 properties shown in the picture 6.6- 3,



picture 6.6- 3

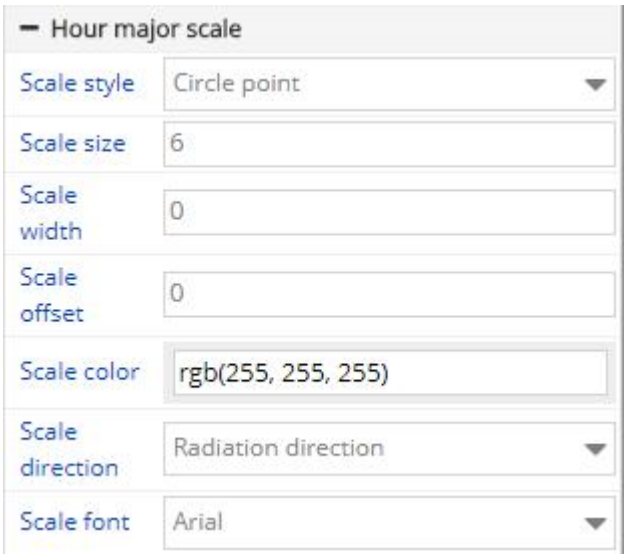
The edge color can be selected by the input box, as shown in the picture 6.6- 4



picture 6.6- 4

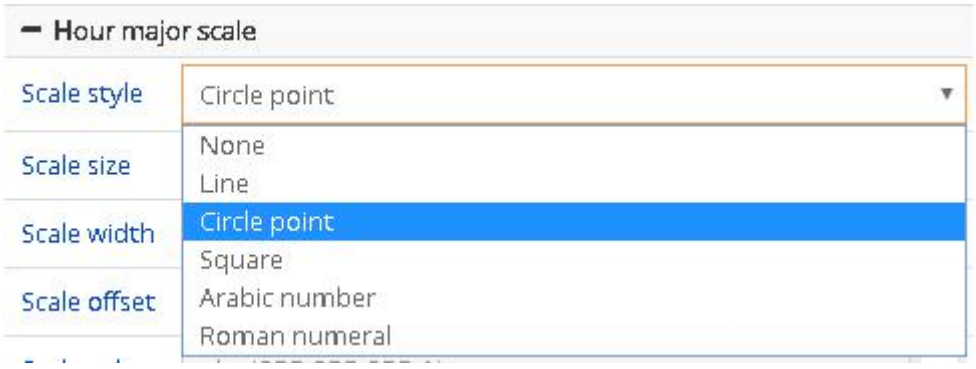
6.6.1.2 Edit the scale

There are 7 properties in the scale as shown in the picture 6.6-5



picture 6.6- 5

The following is instructions for hours major scale, set the same hour scale in the hour minor scale and minute scale .there are different scale styles as shown in the picture 6.6- 6.Scale scale size, width, scale migration can be manually input, also can adjust by the right side of the tool adjustment (note: the numerical should not be too big, the user's own adjustment).Dial color can by clicking on the right side of the color selector to choose a variety of different colors. Scale direction can choose different directions by the drop-down list, as shown in picture 6.6- 7.Scale font can be choose by drop-down list, as shown in picture 6.6- 8.



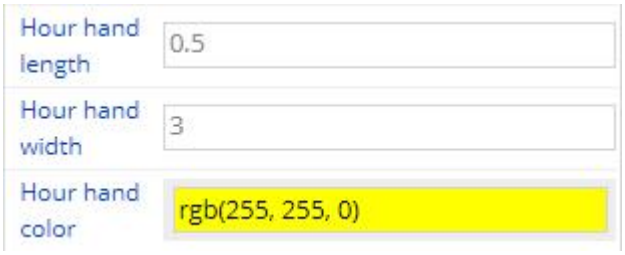
picture 6.6- 6

picture 6.6- 7

picture 6.6- 8

6.6.1.3 Edit hour/minute/second hand style

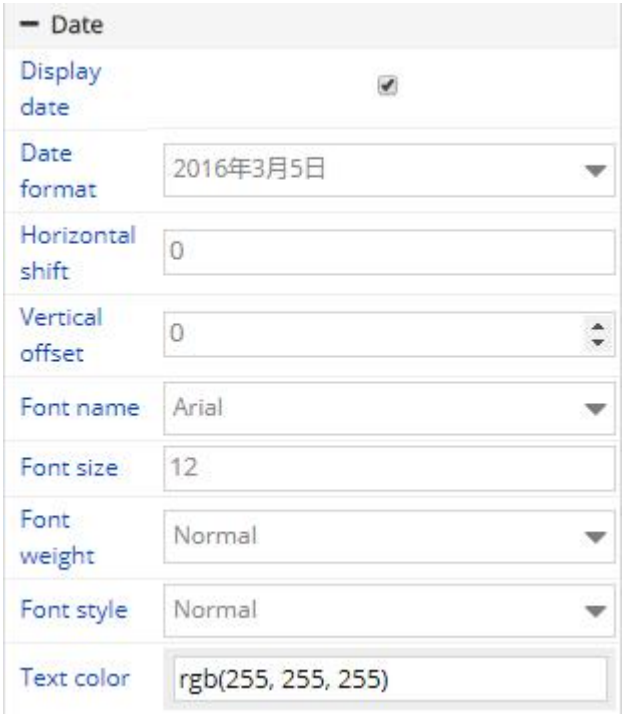
User can set the hour/minute/second hand style in the property as shown in the picture 6.6- 9,the length ,width can be input by manual ,also can adjust by the right side tool(notes: if use the adjust tool ,the increased value is 1, if exceed the clock panel, suggest to use the manual input)the scale color can be choose by click the color selector.



picture 6.6- 9

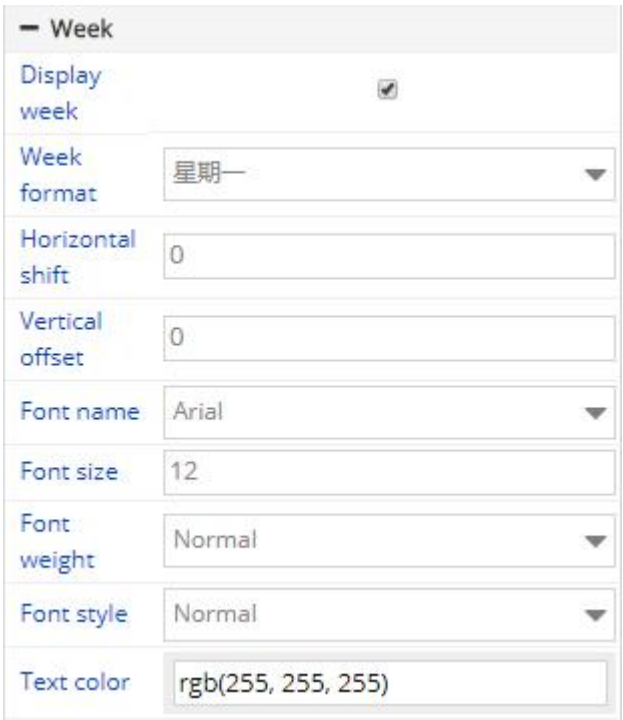
6.6.1.4 show the date time and date week edit

Users can set the date and the bottom offset in the date property (notes: if the offset value is bigger ,then the date location will be closer to the top)cweek", the effect as shown in picture 6.6-1.After the date display, can expand the date properties for editing, as shown in picture 6.6- 10.



picture 6.6- 10

After display the week ,then can expend the week property ,and edit the week property as shown in the picture 6.6- 11



picture 6.6- 11

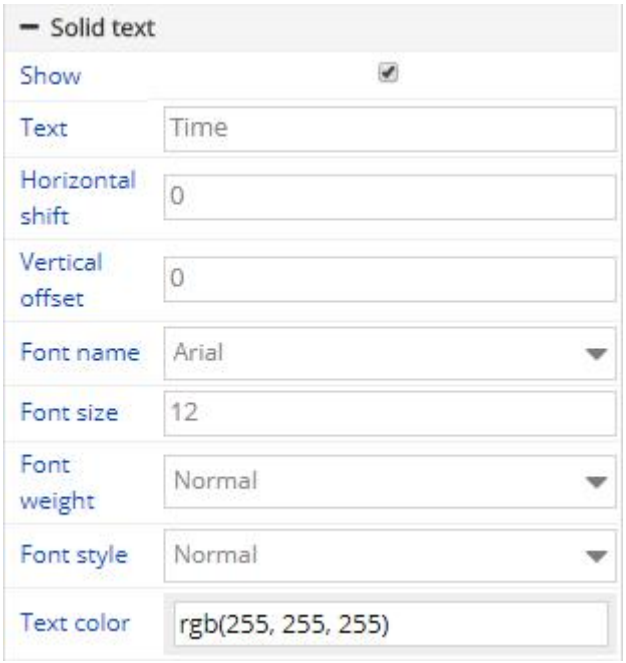
6.6.1.5 Set time zone

User can set the time difference to display the current time (note:jet lag, the gap is positive, then plus the setting hour difference to the current time .when negative, then minus the setting hour difference value ,the hour difference maximum is plus or minus 12, minute difference plus or minus maximum 59)as shown in the picture 6.6- 12

picture 6.6- 12

6.6.1.6 Edit the solid text

In the solid text property, select the “display solid text” option, then there will be corresponding text display on the clock, as shown in the picture 6.6- 1, the text edit interface as shown in the picture 6.6- 13



picture 6.6- 13

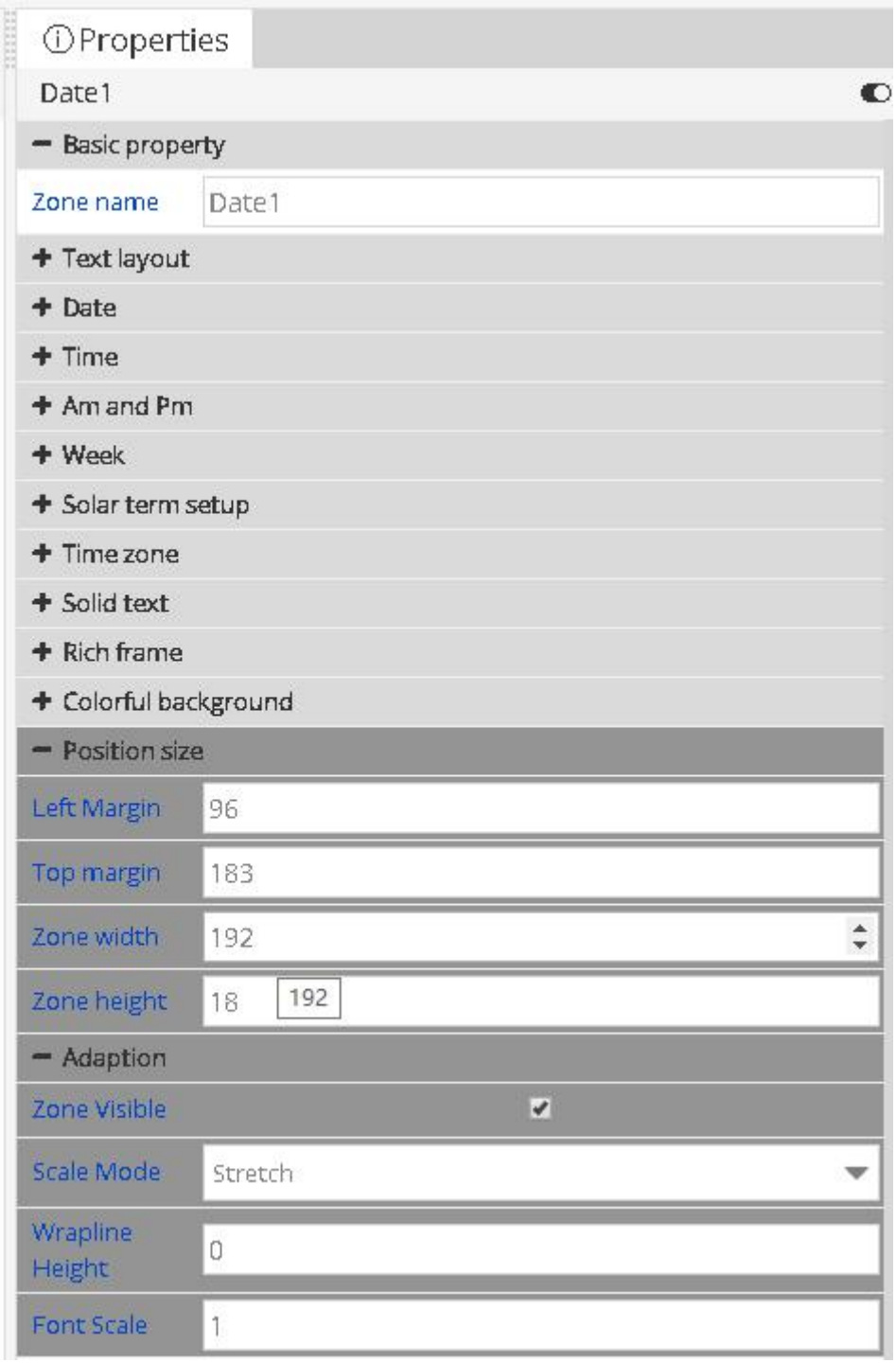
6.7 Time zone

Time zone contains the text time material, as shown in the picture 6.7- 1

picture 6.7- 1

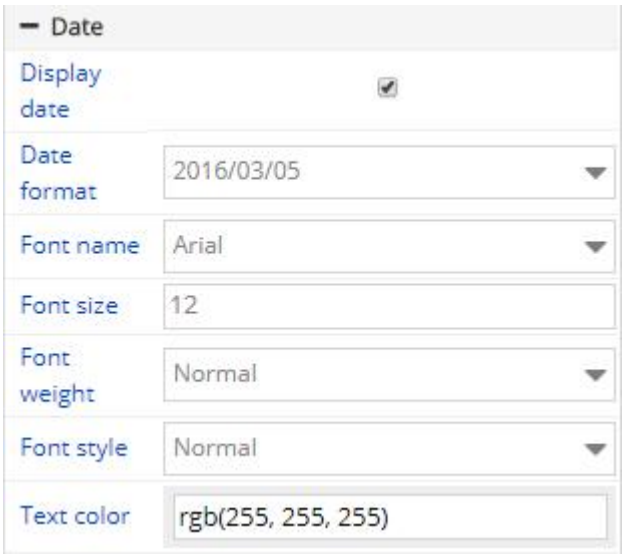
6.7.1 Edit the time zone

The time zone property as shown in the picture 6.7- 2



picture 6.7- 2

User can select the option whether to show the current information in the time zone, then set the information format and style ,for example the date property as shown in the picture 6.7- 3

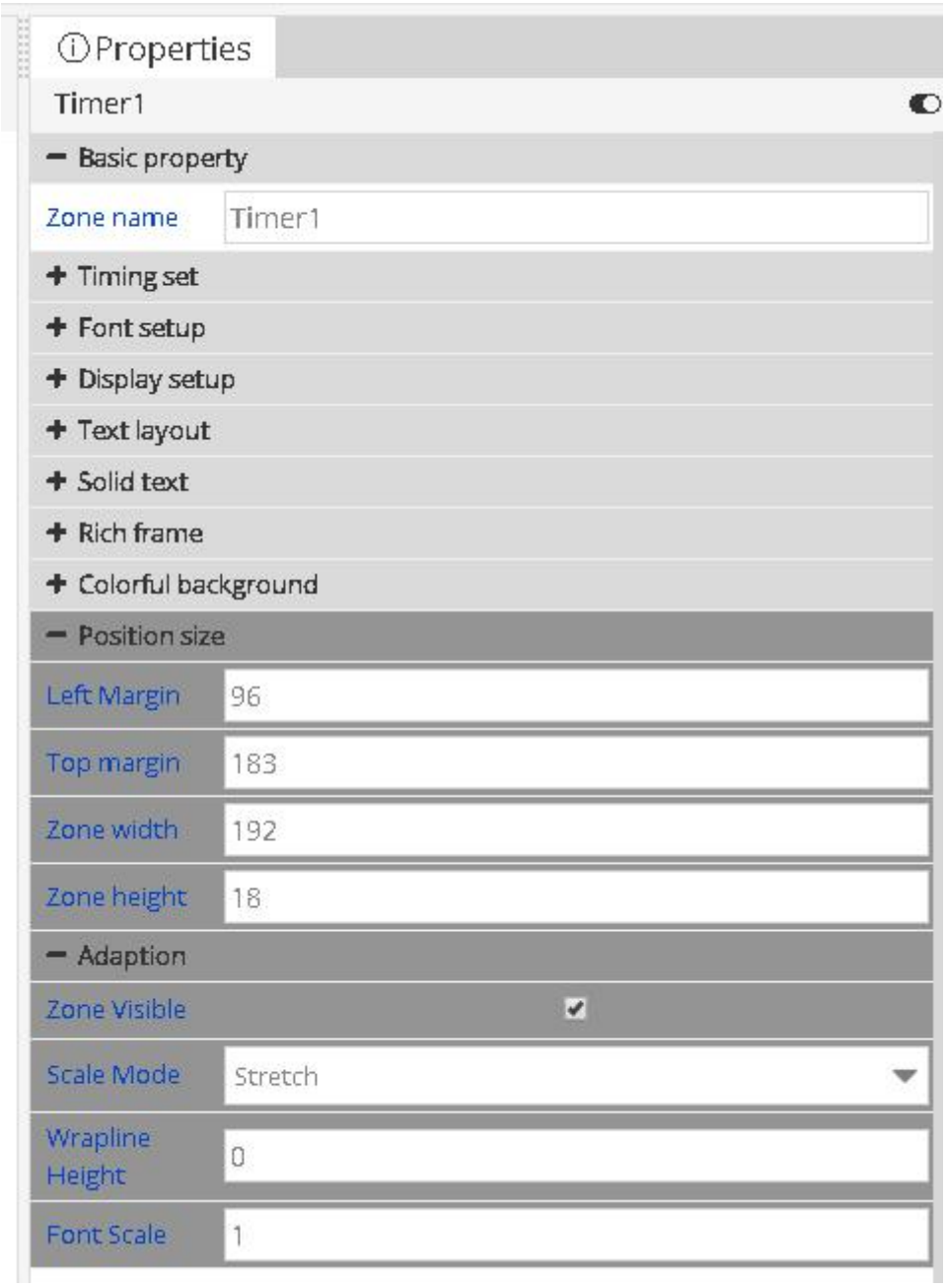


picture 6.7-3

6.8 Timing set zone

Timing set zone contains the text material as shown in the picture 6.8-1, the main property is timing setting ,display setting ,solid text as shown in the picture 6.8-2

picture 6.8-1



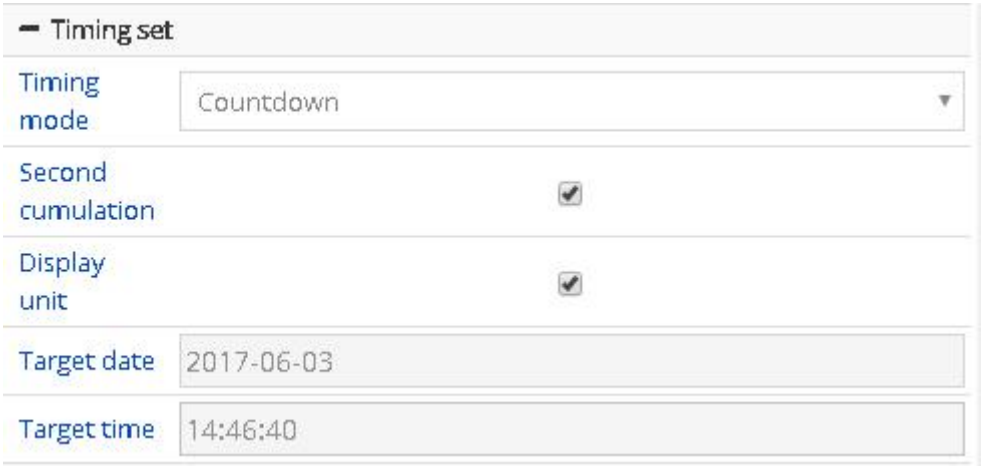
picture 6.8-2

6.8.1 Edit the timing setting

6.8.1.1 Timing setting

In the time setting ,user can select the countdown and count up style in the list (notes: when use count up ,then the target date should be early than the current date) if need select the

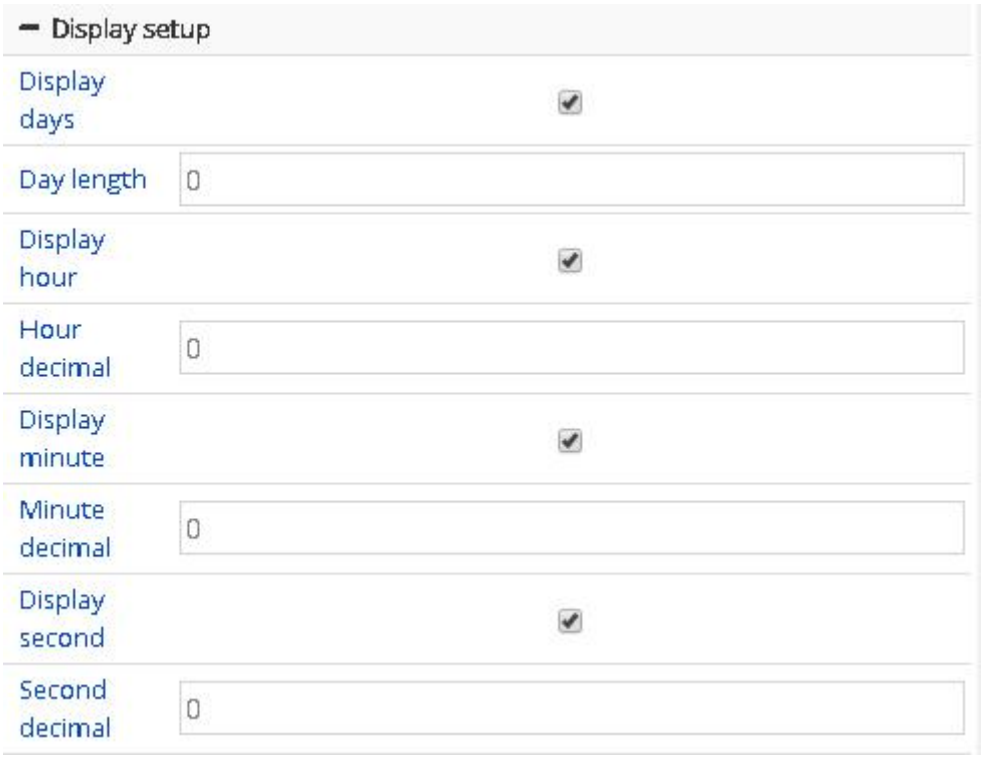
stopwatch accumulation and display unit, target date, target time can be set users (note: the default is the current time),as shown in the picture 6.8-3



picture 6.8-3

6.8.1.2 Display setup

user can set the display content in the display setup ,as shown in the picture 6.8-4, if all the value is 0 then will automatic to display all digit value (notes: if the digit is not enough ,then add 0 in front of the value ,when not display date,then can transfer the date into hours and accumulation as shown in the picture 6.8-5, when there is no hour display ,then will transfer the hour into minutes and so on)



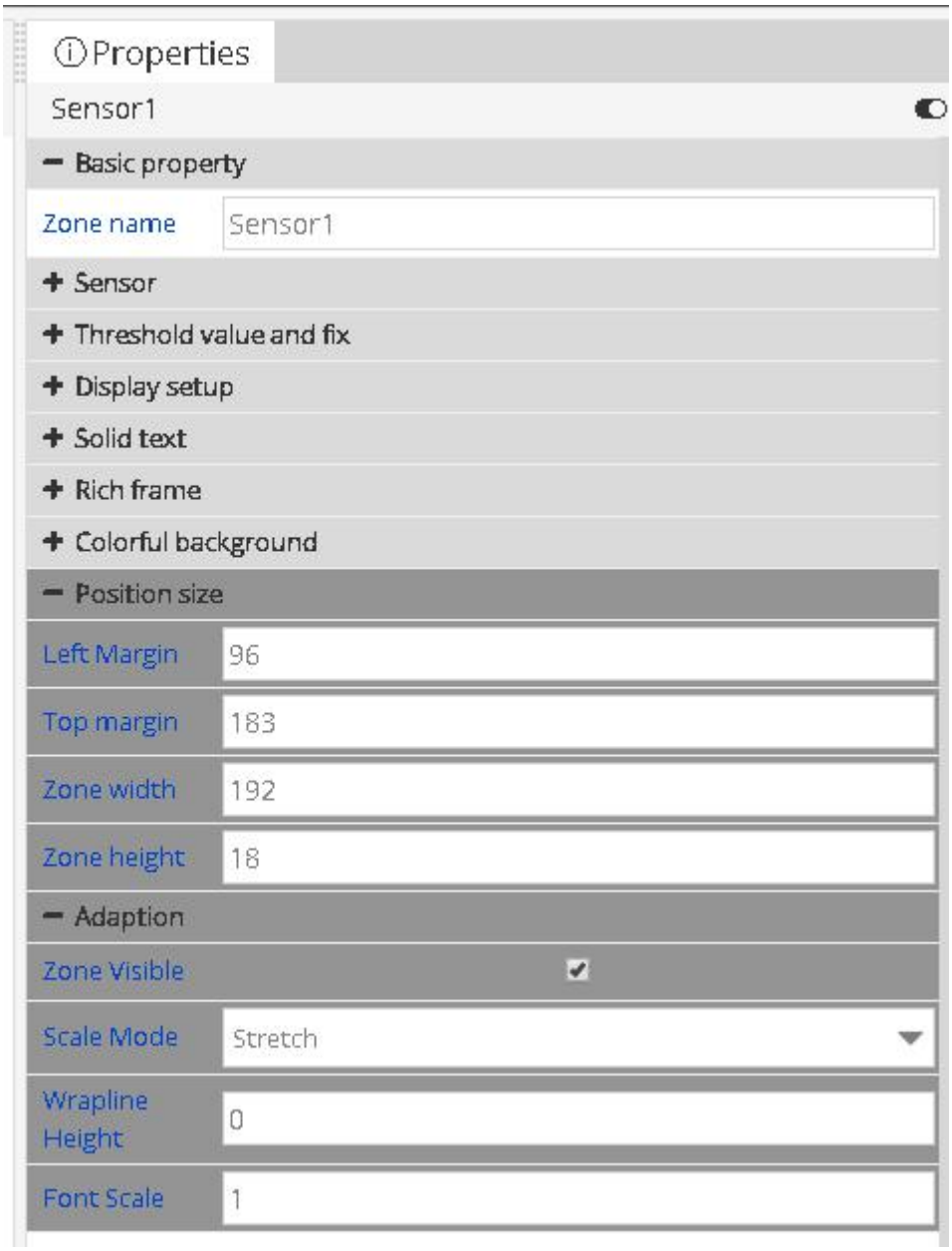
picture 6.8-4

picture 6.8-5

6.9 Sensor zone

Sensor zone contains the temperature ,humidity ,noise ,brightness ,water level and liquid level material (Please confirm with our technical persons if you cannot sure the items support the sensor you want or not)as shown in the picture 6.9- 1.the sensor zone contain the property as shown in the picture 6.9- 2

picture 6.9- 1



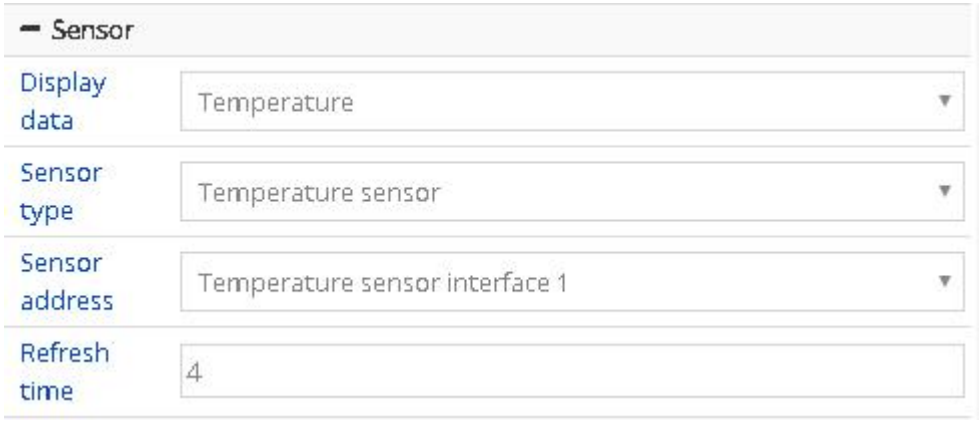
picture 6.9-2

6.9.1 Edit the sensor zone

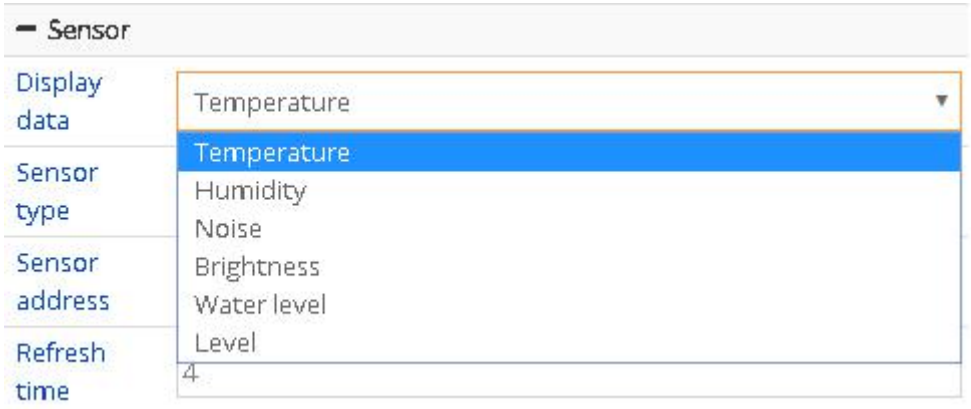
6.9.1.1 choose the sensor

In the sensor zone property ,user can set the display data ,sensor type and sensor address and refresh time.as shown in the picture 6.9-3,the sensor display data can set by the option list like in the picture 6.9-4（note: when select the display data, pls make sure controller can support the sensor ,or will not display correctly)sensor type and address will be selected by the fact

situation ,the refresh time will be set by request ,default as update each 4 seconds .



picture 6.9-3



picture 6.9-4

In the 6Q sensor property ,user can set the display data ,sensor type and refresh time as shown in the picture 6.9-5 ,user can select the temp ,humidity, noise, PM2.5, PM10, wind direction and wind speed.

picture 6.9-5

6.9.1.2 Threshold value and fix

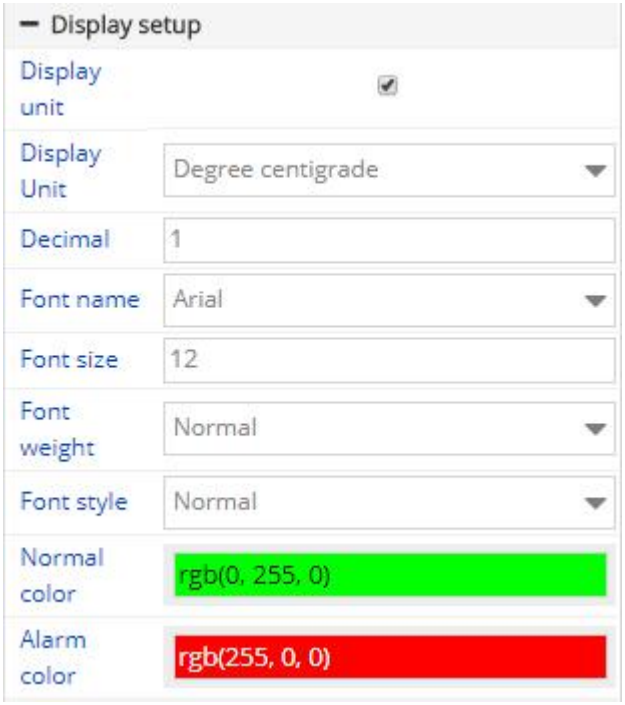
User can adjust the display data by setting or fix the threshold value as shown in the picture 6.9-6.sensor fix value can be adjusted by the fix tool ,the value can be plus or minus. There are

two mode of the threshold value ,as shown in the picture ,less than the trigger or more than the trigger then can set the threshold value (if less or more than the trigger ,then the trigger will alarm and change color ,the color can be set in the setting)

picture 6.9- 6

6.9.1.3 Display setup

Users can set the display unit, the color of the threshold value mode, and display the decimal digits, as shown in picture 6.9-7.(note: the unit type can only be set as temperature units, effectively reserve refers to the decimal places, such as 1, the decimal is 0.1) finally value displayed on the screen must equal to sensor measurement value + revised * 0.1 = ^ valid number reserved bit, revised can be positive or negative integers, valid number reserved bit integer value is greater or equal to 0.

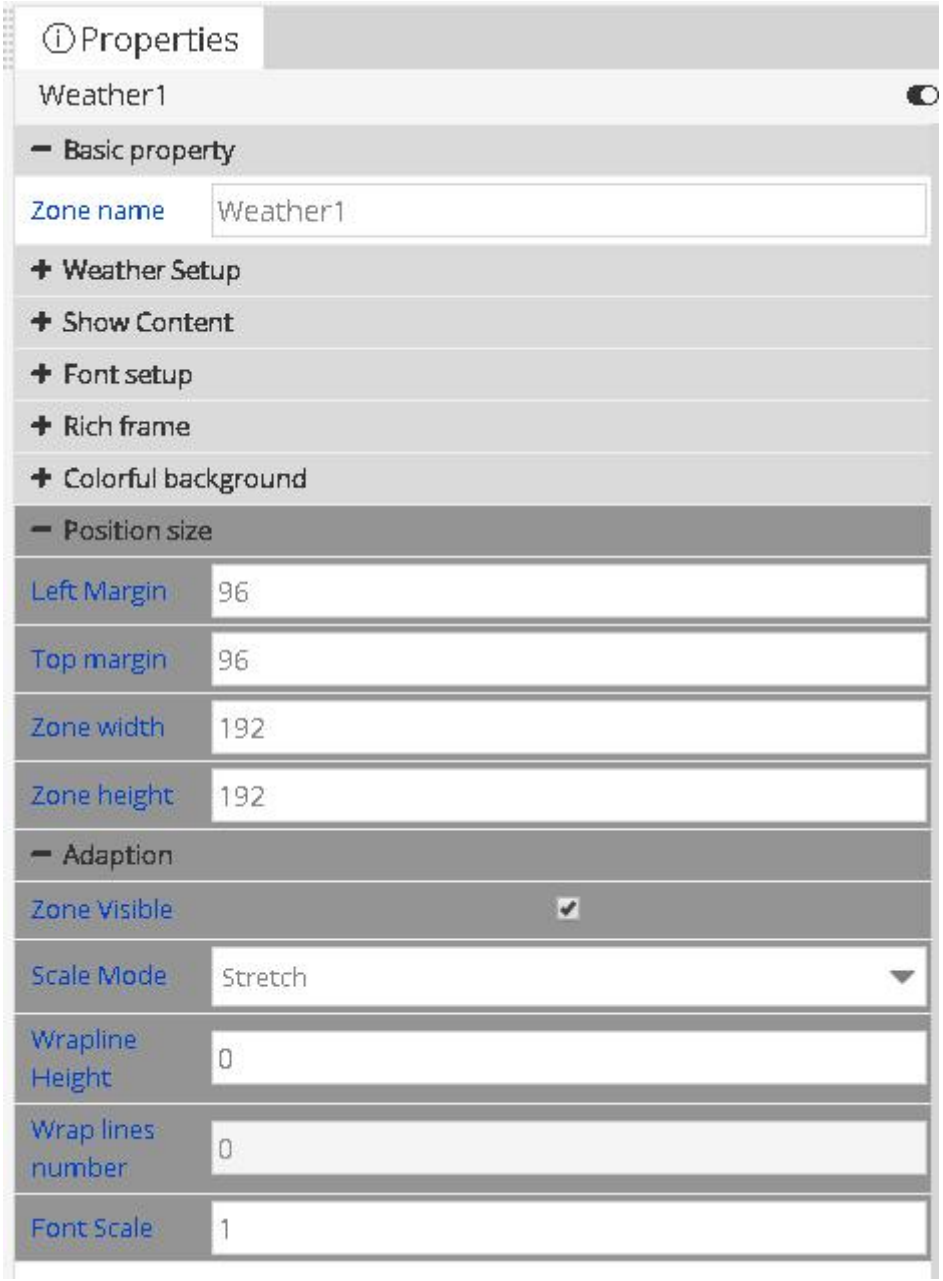


picture 6.9-7

6.10 Weather zone

Weather zone includes weather picture and weather texts materials, like picture 6.10-1. The property of weather zone is divided into basic property, position size, background, settings and content, like picture 6.10-2. Weather zone now can support all cities weather broadcast and some main cities' weather broadcast of other countries.

picture 6.10- 1



picture 6.10- 2

6.10.1 Edit the weather

In the v1.0.40 version , the weather zone in the YQ controller support the transparent background, the user can set "background color" properties of the zone from the "background ".If set the transparent background color, it is recommended that the user choose a "quick hit", "static display", "XX shift" and "XX moving" and other special effects, or will display blurred screen .

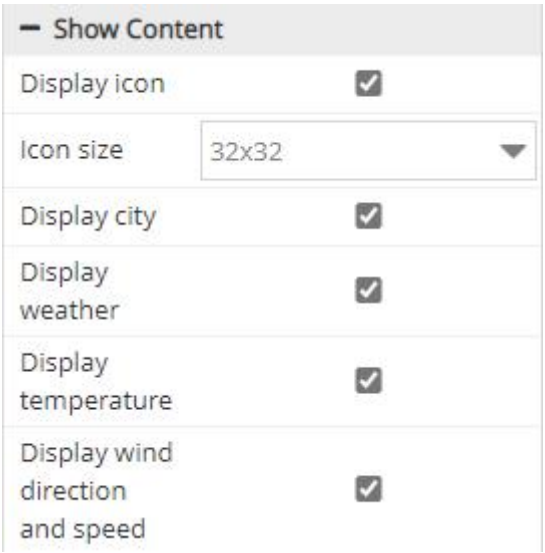
6.10.1.1 district setup

In the setup property, user can modify the location as shown in the picture 6.10-3.

picture 6.10-3

6.10.1.2 Content display

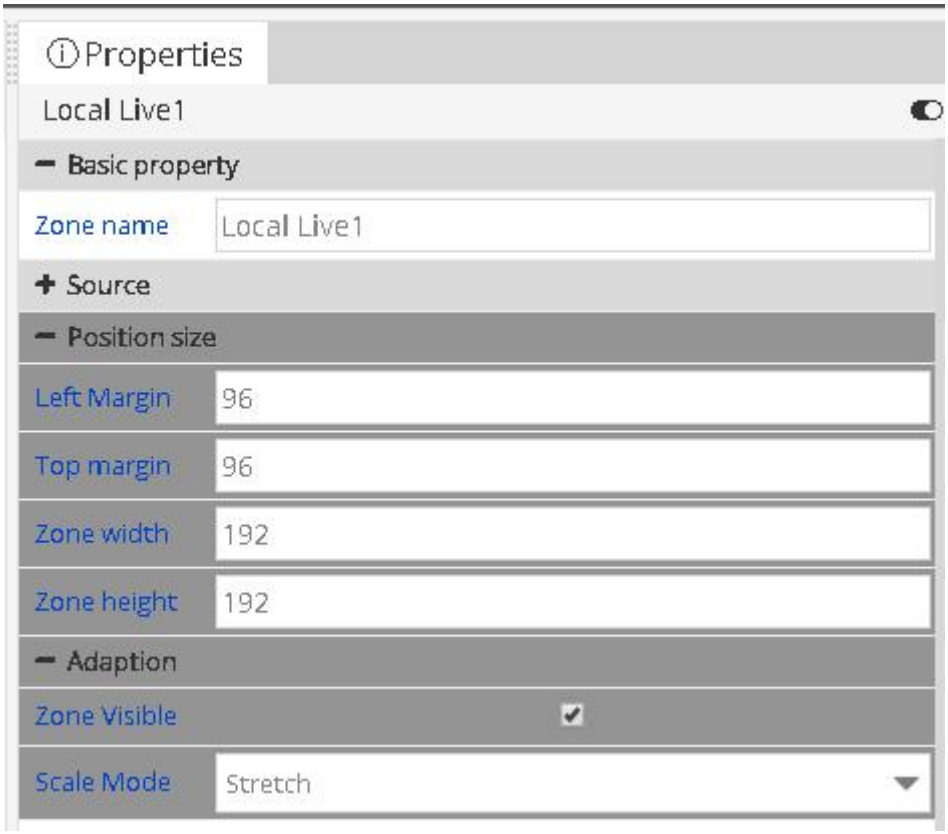
User can edit the content which want to display on the screen ,can select by yourself ,as shown in the picture 6.10-4.(suggestion：user can create several weather zone to make type setting and optimized the display interface)



picture 6.10-4

6.11 Local live zone

Local live zone is new zone of the V1.0.42.Currently only the YQ5E、YQ2AE and YQ3AE can support this function .contain the basic property ,location size and video source as shown in the picture 6.11- 1

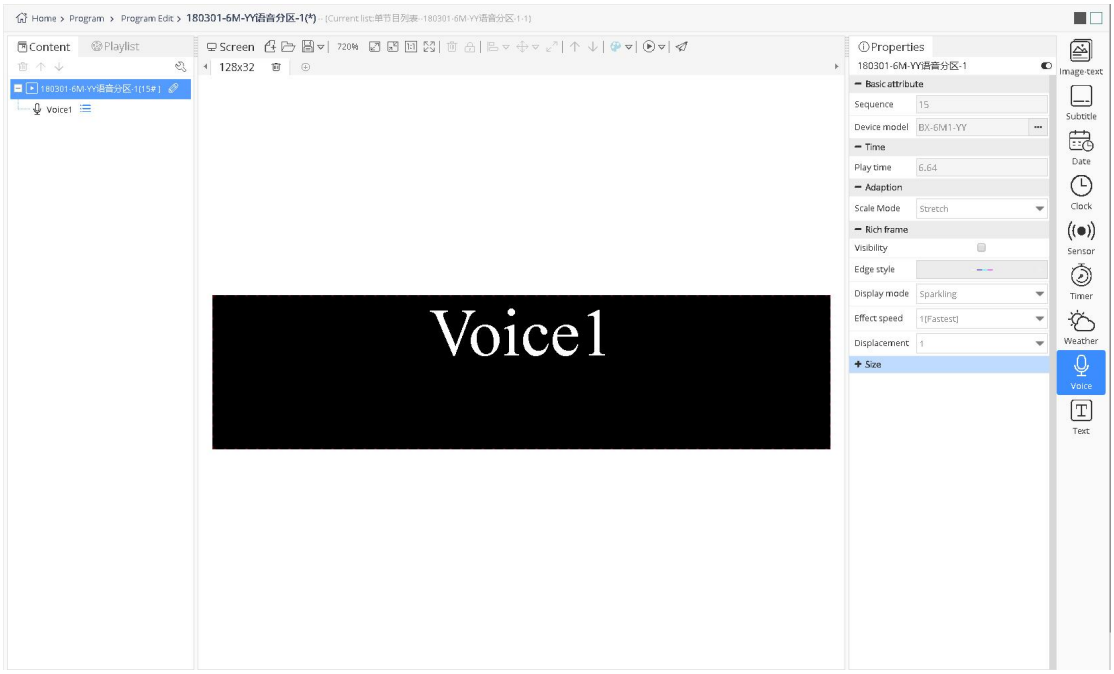


picture 6.11- 1

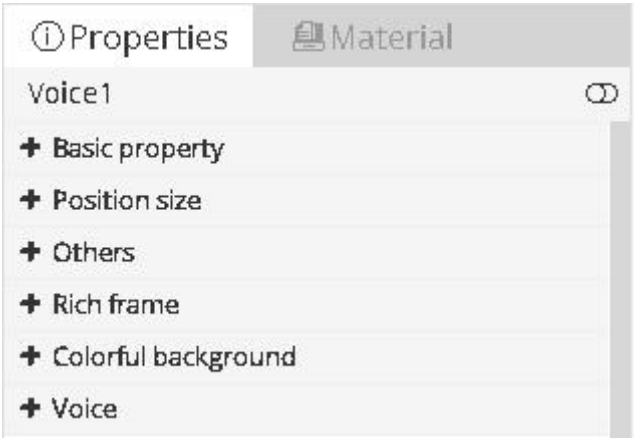
In the input video source ,there is two option “HDMI” and “CVBS”, If customer select display forever ,then will display all the time ,if not select it ,then will display by fixed time .

6.12 Voice zone

Voice zone now support only 6M-YY series. It includes texts materials, like picture 6.12-1users can add rich text, subtitle or uploaded text materials. Properties: basic property, position size, others, frame, colorful background and intelligent voice, like picture 6.12-2.

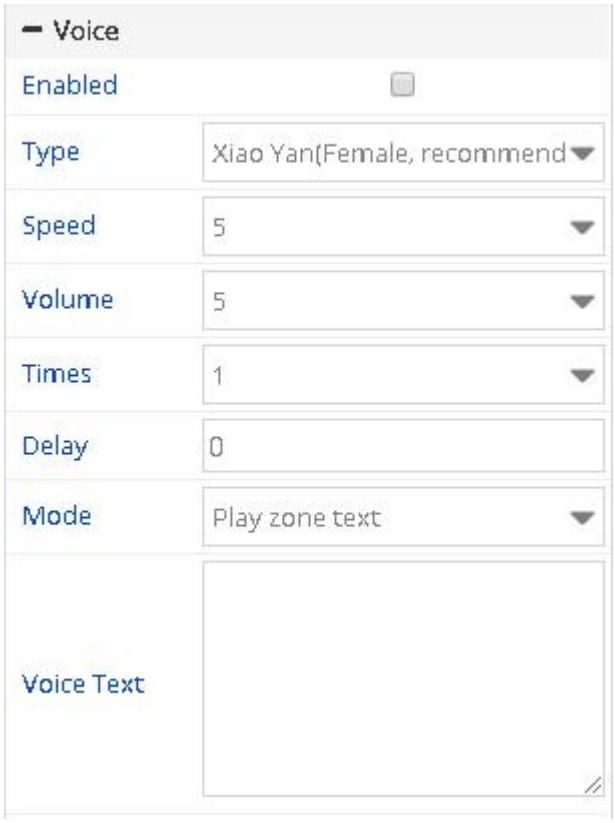


picture 6.12-1



picture 6.12-2

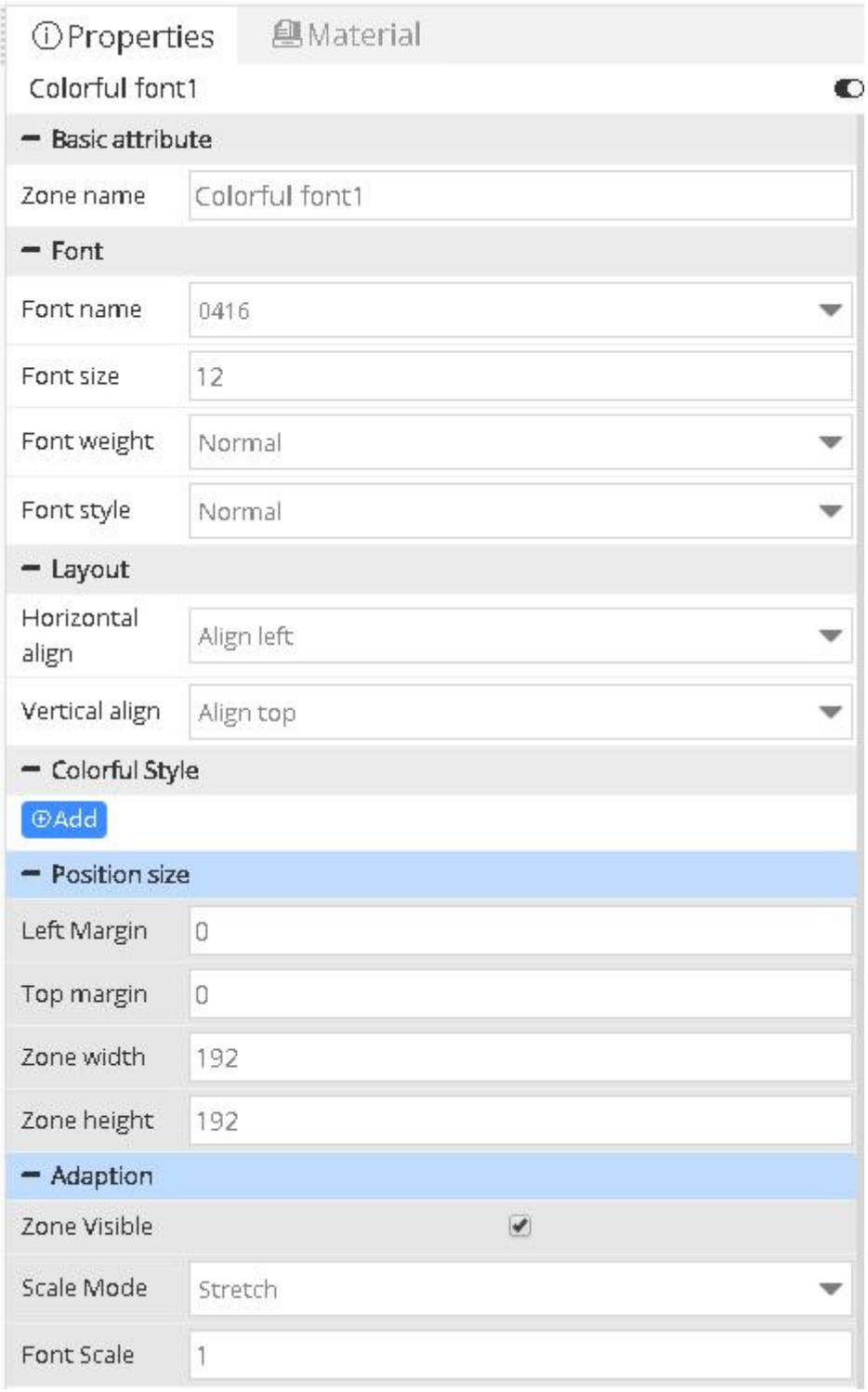
Users can modify the voice type, speed, volume, times, delay and mode, like picture 6.12-3.



picture 6.12-3

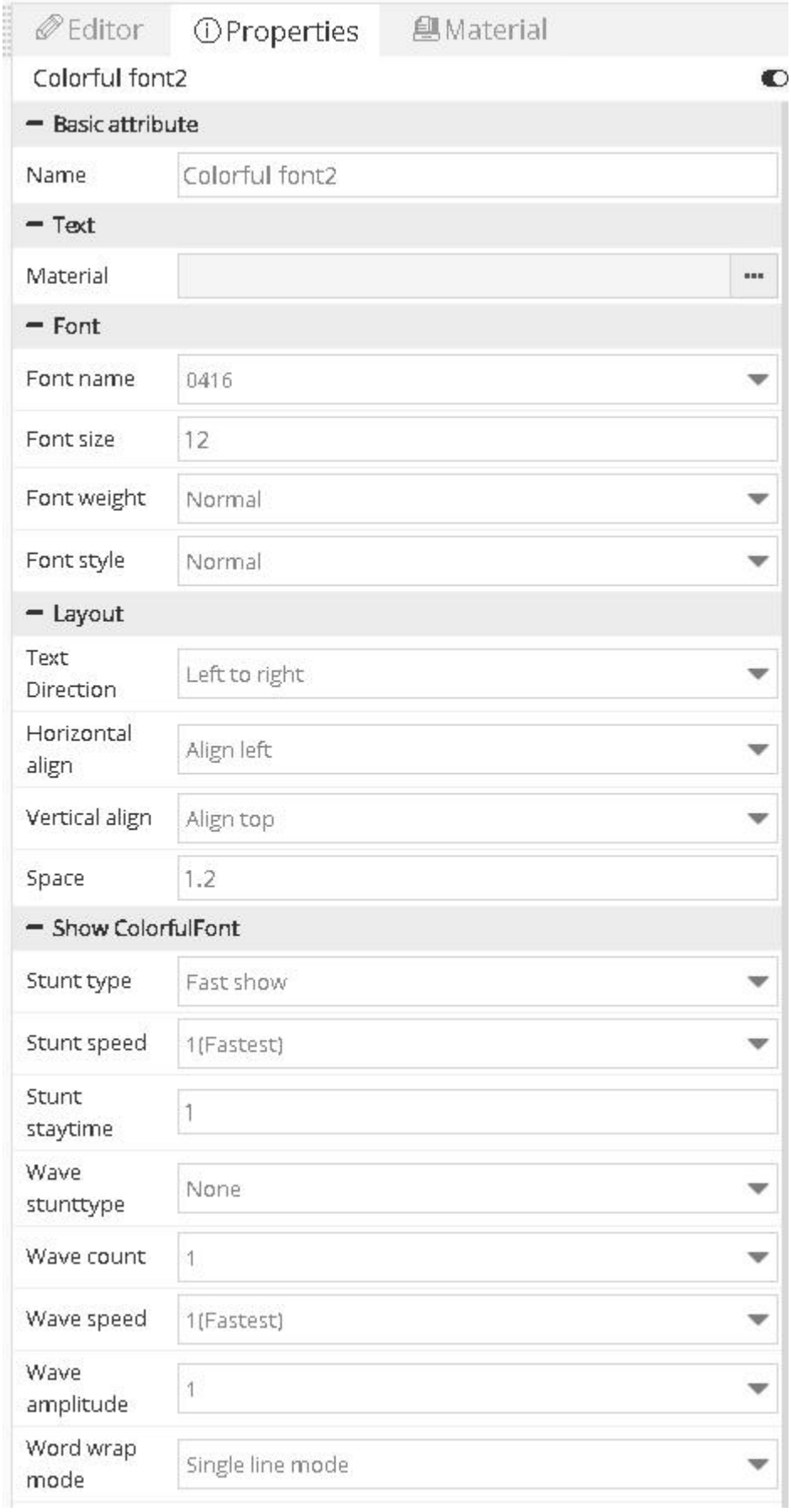
6.13 Colourful font Zone

Colourful font zone now support only Y series. It includes texts materials.Properties: basic property, font, layout, colorful style and position size, like picture 6.13-1. User need add several pictures in colorful style, and can adjust the type, speed and stay, like picture 6.13-2. User can set properties of colorful font texts, and can adjust basic property, text, font, layout and show colorful font, like picture 6.13-3.



picture 6.13-1

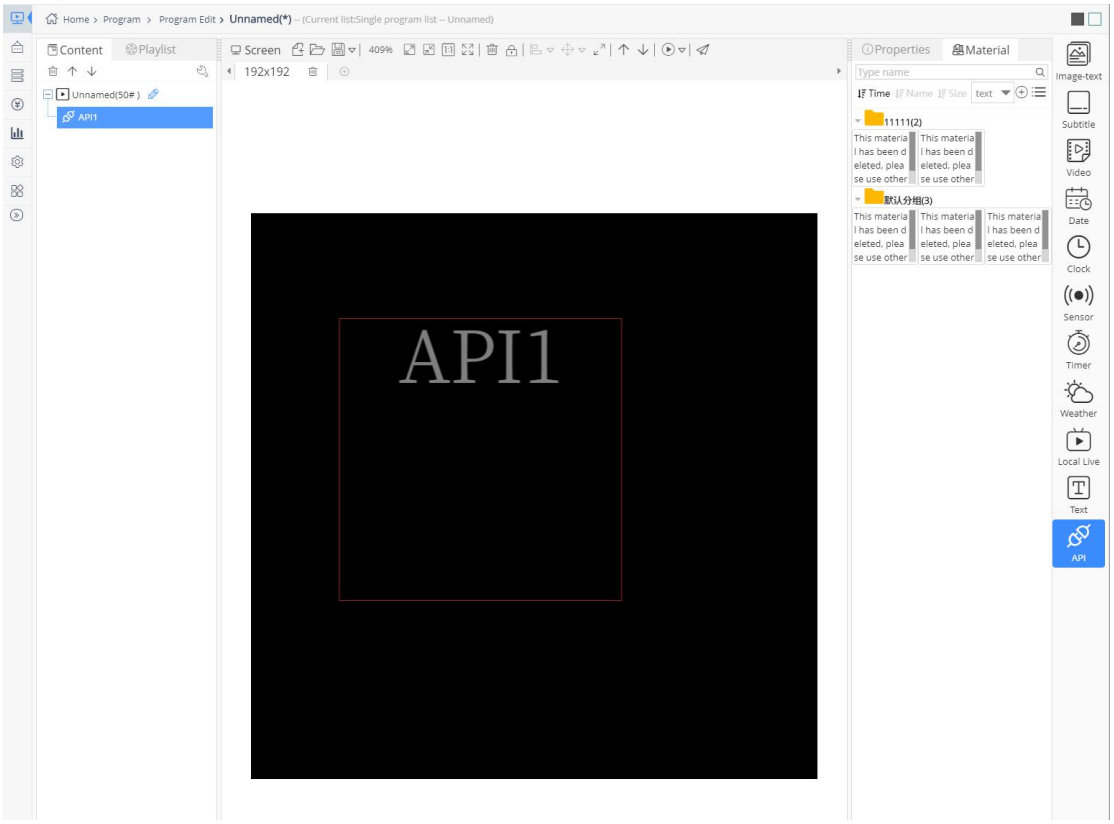
picture 6.13-2


Editor
Properties
Material
Colorful font2
Basic attribute
Name
Colorful font2
Text
Material
Font
Font name
0416
Font size
12
Font weight
Normal
Font style
Normal
Layout
Text Direction
Left to right
Horizontal align
Align left
Vertical align
Align top
Space
1.2
Show ColorfulFont
Stunt type
Fast show
Stunt speed
1(Fastest)
Stunt staytime
1
Wave stunttype
None
Wave count
1
Wave speed
1(Fastest)
Wave amplitude
1
Word wrap mode
Single line mode

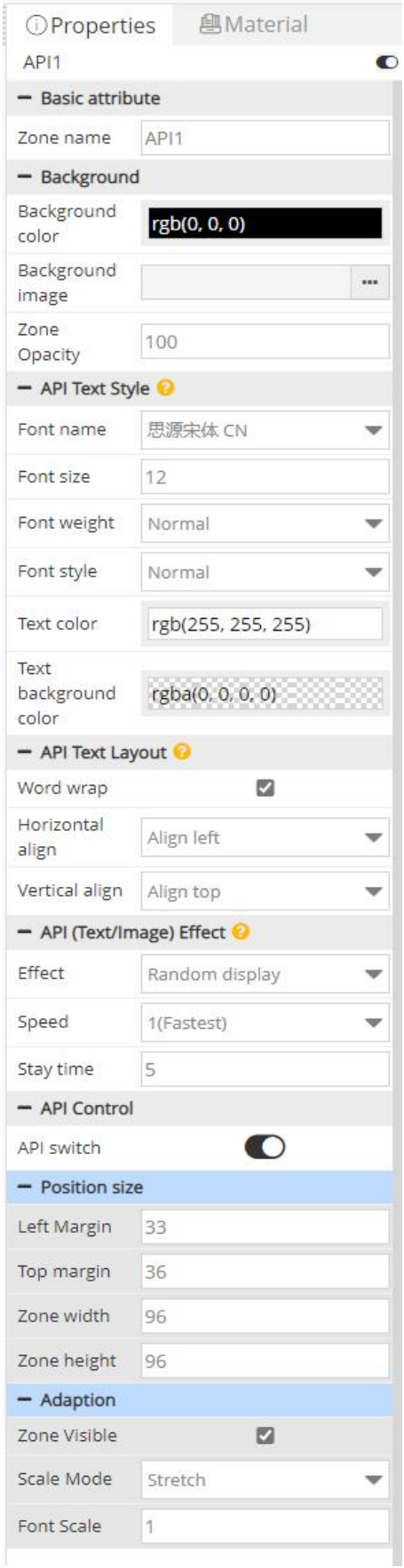
picture 6.13-3

6.14 API

Areas of API: support image&text, video, subtitle. After add API, as picture 6.14-1, properties include: basic attribute, background, API text style, API text layout, API (text/image) effect, API control, position size, adaption, as picture 6.14-2. Users can adjust font size, bold, styles, colors and background color of text. And also, you can decide the position of text in screen. In API effect, it supports materials for image and text, customized speed and stay time for effect.



picture 6.14-1



picture 6.14-2

7 FAQ

Question 1. after add the screen successfully in the screen management, why not display the screen height and width value?

Reply: pls click the button “ ”， open the screen control page and click :query all the parameters then will obtain the screen height and width.

Question 2. why the program and screen or material is disappear ?

Reply: First of all, you can query if there is delete record in the log management system ,if have ,then, may be you do the delete operation or others; If not, you will need to contact your organization's business administrator, probably changed the business administrator for your organization.

Question 3. Why not display the release guide selection page when release the program?

Reply: Please confirm that the program can be matched with screen, if do not match, you can add the same size drawing board in present program.

Question 4. why display the firmware update button after complete the update of firmware

Reply: u need select the completed firmware, click the update button in screen management

Question 5. Why it informs you that “the user name is not existed, please register first” even you have already registered ?

Reply: From 30th, Sept, 2018, we support log in for overseas customer. Chinese website and International website are not compatible. Chinese users, please enter into: www.iledcloud.cn (The correspoinding web server IP is the same; Overseas users, please enter into: www.iledcloud.com (The corresponding web server IP is : 149.129.145.83).

Question 6. why not display the program which have been successfully sending on the screen ?

Reply: First of all, please check if your et the "start time" or "stop time" when release the program ,pls check whether set the timer switch. Try to release again, if still not display, please relate this platform to find the specific reason.

Question 7. Why display blurred screen when play program?

Reply: Please check whether set the background color of the zone or material to transparent , if yes, please modified to a "quick hit", "static display", "XX shift" and "XX move", etc. If not, please relate this platform to find the specific reason.

Question 8. why the screen soon turn to dark after screen set the zone brightness?

Reply: Maybe the current time is not in the adjustable light period, the default brightness value is 1 for the controller .If you want to keep the brightness, it is recommended that you set a time to adjust the brightness, such as 0:00 brightness is 100.

Question 9. why the open screen is closed when set the screen timing power off /on?

Reply: because this time is before the timing power off/on, the controller will test the screen is closed ,if not ,then will close soon.

Question 10. Why the screen is offline when add screen?

Reply: when use the platform to add screen ,must confirm the controller is online ,or can’t add successfully

Question 11. why pop up the identification code is off line after the controller is online?

Reply: Firstly ,pls check if the controller have the bar code on it, if have, pls use the bar code to add the screen. if not ,need u use the YQ software to check controller identification code then use the identification code to add screen.

Question 12. Why 6Q not display after release bulletin is on line?

Reply: only YQ and Y series can support the bulletin release

Question 13. Why there is white stick on screen after release the bulletin from YQ3/YQ2E YQ4?

Reply: Pls confirm if u select the “transparent or not” in the released bulletin background, if confirm the back ground is transparent , pls modify the background color.

Question 14. Why the screen is offline

Reply: If the screen is off line please check the following conditions:

1）If using 3G/4G module,check if the SIM card is arrears

2）If using 3G/4G module,please check SIM card slot ,whether SIM card is pops up or the contact with the slot is poor

3）Whether the network in the area where the screen is in good condition?

4）Is there any interference source in the area where the screen is located?

5）The parameter setting of the controller might lost

Question 15. Why the image I uploaded is not support

Reply: The image format that iLEDCloud platform support are :bmp ,jpg and png format, Some images are generated through web pages or special software, due to the coding problems, the platform can not identify it during processing. If the image is too large, it is recommended to use the image processing software to compress and then upload again.