

iLEDCloud multi-media  
information release platform  
**User manual**

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# 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	<ol style="list-style-type: none"><li>1. Adjusted the process of program releasing.</li><li>2. Improved creating program function.</li><li>3. Supported changes of properties after supporting 6Q.</li><li>4. Supported table materials for rich picture-text zone, and picture-text zone.</li><li>5. Deleted picture zone and text zone, and added live broadcast zone.</li><li>6. Supported to add material in program editing page.</li><li>7. Added announcement management.</li><li>8. Added notice management.</li><li>9. Check quick guide and user manual in user center.</li><li>10. Added password retrieve link in login page.</li><li>11. Added platform language choices.</li></ol>
V2017.06.23	唐倩	<ol style="list-style-type: none"><li>1.Updated UI design for the platform.</li><li>2.Added phone quick login function.</li><li>3.Added verification function for new releasing programs.</li><li>4.Added login notice function.</li></ol>
V2017.10.26	唐倩	<ol style="list-style-type: none"><li>1. Updated UI design for the platform.</li><li>2. Edited single program releasing process.</li><li>3. Edited program creating process.</li><li>4. Added automatically resend function.</li><li>5. Added log export function.</li><li>6. Added material download function.</li></ol>
V2017.12.28	唐倩	<ol style="list-style-type: none"><li>1. Supplemented screen management interface content and added</li></ol>

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		<p>camera function description</p> <ol style="list-style-type: none"> <li>2. Updated Program edit interface UI</li> <li>3. Added non gray scale program preview switching function</li> <li>4. Added Billing interface</li> <li>5. Supplemented forward service content</li> </ol>
V2018.06.24	陈惠杰、唐倩、万怿康	<ol style="list-style-type: none"> <li>1. Update of log in, register, forget the passwords</li> <li>2. Update of screen management</li> <li>3. Add time zone function</li> <li>4. Add checking page of screen</li> <li>5. Checking function of the models which support materials management</li> <li>6. Support releasing playing list on creating programs page</li> <li>7. Update of programs releasing guiding</li> <li>8. Add bulletin management</li> <li>9. Add users function in users managements</li> <li>10. Add coupon page</li> <li>11. Add “real name authentication” function</li> </ol>
V2018.10.24	陈惠杰、唐倩	<ol style="list-style-type: none"> <li>1. Add self-adaption function</li> <li>2. Support UTC time</li> <li>3. Add transferring screen function</li> </ol>
V2019.01.18	陈惠杰、唐倩	<ol style="list-style-type: none"> <li>1. Adjustment on “real name authentication”</li> <li>2. Support paying by PayPal</li> <li>3. Support Pre setting program</li> <li>4. Private account can be upgraded to Enterprise account</li> <li>5. Function of releasing area</li> <li>6. Delete materials</li> <li>7. Support video transcoding</li> <li>8. Support merging cells function</li> </ol>
v2019.05.23	陈惠杰、	<ol style="list-style-type: none"> <li>1. Add iLEDCloud simple version</li> </ol>

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	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. 新增素材分组功能 add combination material function 2. 新增二次开发功能 add SDK 3. 新增同步组合功能 synchronous combination function

Feedback mail: [service@hidisp.com](mailto:service@hidisp.com)

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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	

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## **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.

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## **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

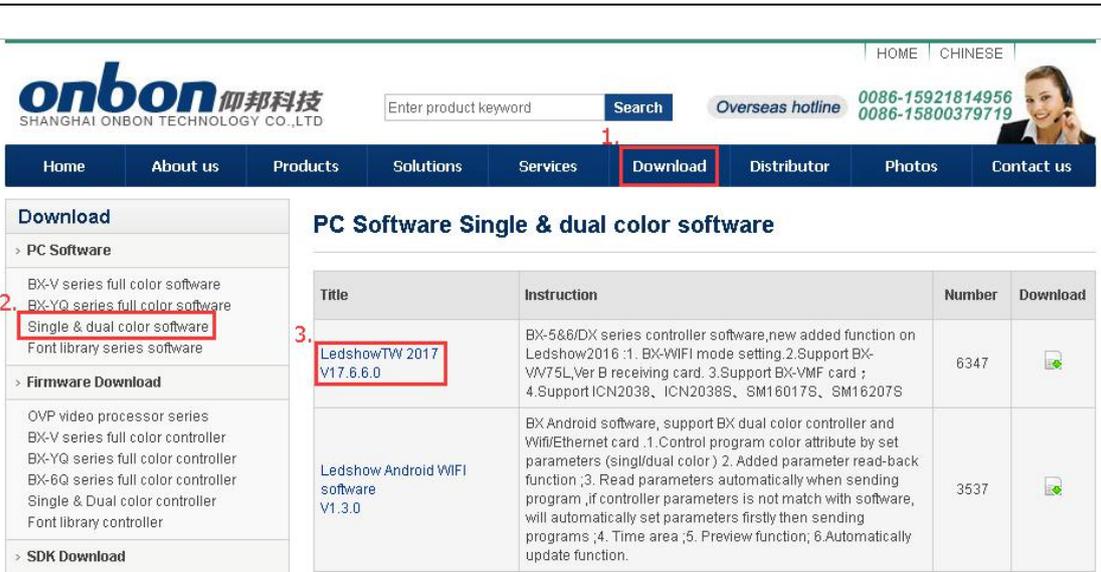
### 4.1.1 Download PC software

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 6<sup>th</sup> generation controller ,should download LedshowTW software, download the software after 18.10.19.0 (ps : this software only can run with the windows system)

The screenshot shows the ONBON website interface. At the top, there is a navigation bar with 'HOME' and 'CHINESE' links. Below that is a search bar with the text 'Enter product keyword' and a 'Search' button. To the right of the search bar is an 'Overseas hotline' with the numbers '0086-15921814956' and '0086-15800379719'. The main navigation menu includes 'Home', 'About us', 'Products', 'Solutions', 'Services', 'Download', 'Distributor', 'Photos', and 'Contact us'. The 'Download' menu is expanded, showing categories like 'PC Software', 'Firmware Download', 'SDK Download', and 'User Manual Download'. Under 'PC Software', 'BX-YQ series full color software' is highlighted with a red box and labeled '2.'. Below this, a table lists software downloads. The first row is 'LedshowYQ2014 V14.10.10.00'. The second row is 'Ledshow YQ mobile software for Android V2.0.4'. The third row is 'LedshowYQ2016 V17.6.13.1', which is highlighted with a red box and labeled '3.'. The table has columns for 'Title', 'Instruction', 'Number', and 'Download'.

Title	Instruction	Number	Download
LedshowYQ2014 V14.10.10.00	LedshowYQ Multi-media Editor New function: Software on/off.	0	
Ledshow YQ mobile software for Android V2.0.4	Ledshow YQ mobile software for Android 1.Support search screen . 2.Support multi screens, multi programs ,multi areas. 3.Support video, text, image,time(Numbers and simulations). 4.Support multi language 5.Support dynamic preview. 6. Added video transcoding, optimize image and video display effects 7. Added support two video areas of YQ5E 8. Support gesture zoom in and out function 9. Support BX 5 and 6 generation sigle color controller ,and YQ series controller 10. Support multi line display	789	
LedshowYQ2016 V17.6.13.1	LedshowYQ2016 Software(V16.11.01 Above version)1. Support setting the screen parameter and scan configuration of new generation of high refresh frame screen.2.Support intelligent scanning.3.Added automatic correction time from internet function.4.Support one key plus a screen function. 5.Support dynamic preview .6.Support custom network port output.7.Support wifi AP setting.8.Support share program.Note: Please use together with BX-YQ(V16.05.18) fireware or above	2142	

picture 4.1- 1 YQ software download page



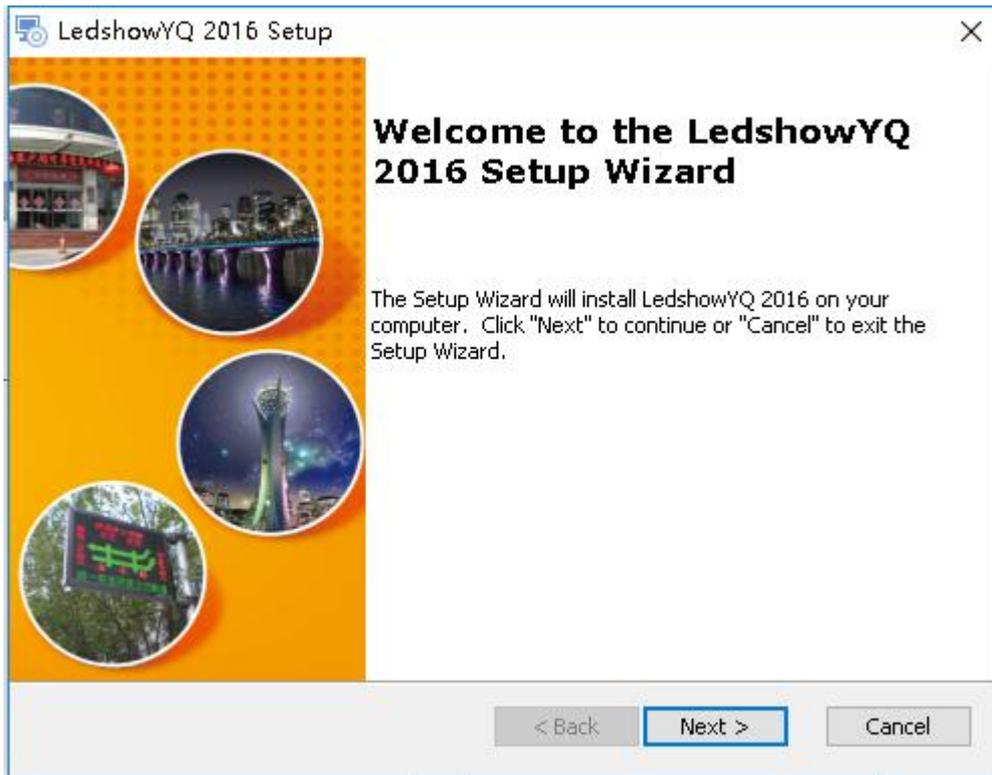
picture 4.1-2 6Q software download page

### 4.1.2 install the software

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

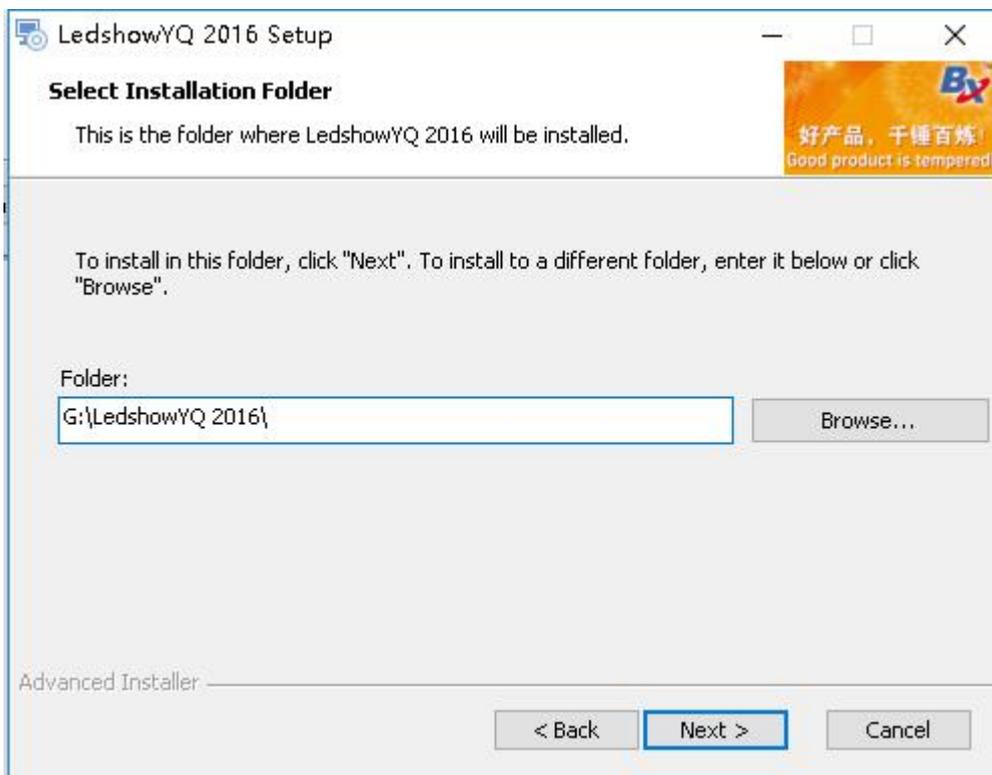


picture 4.1-3 select the language



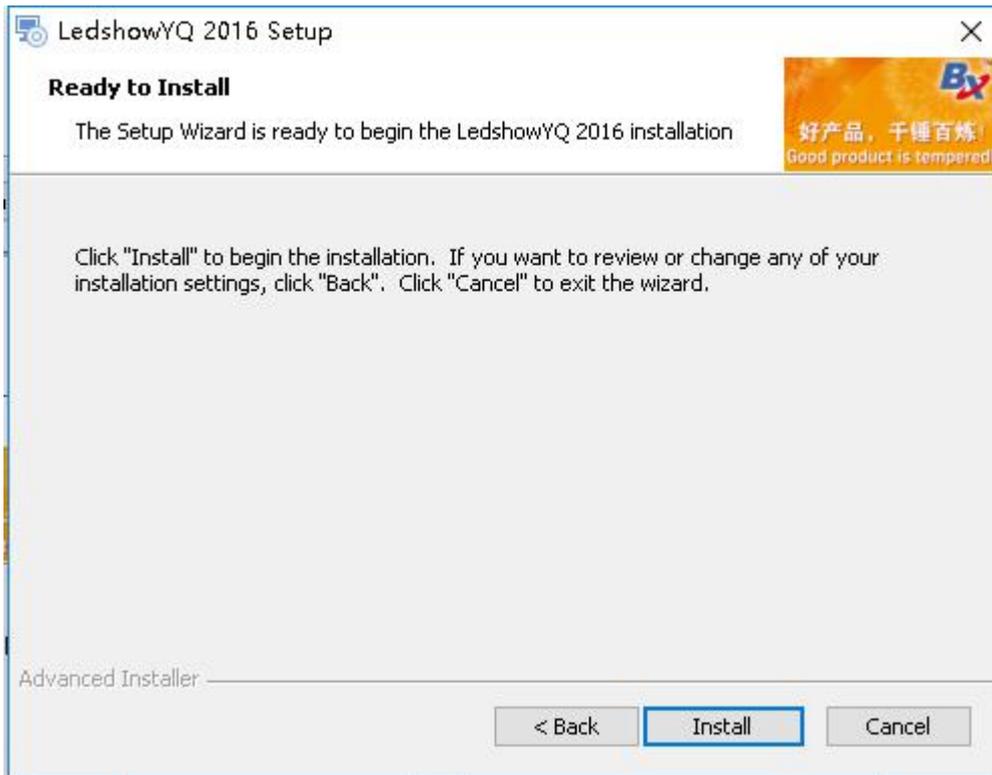
picture 4.1-4 installation guide

2. Select the folder installation path



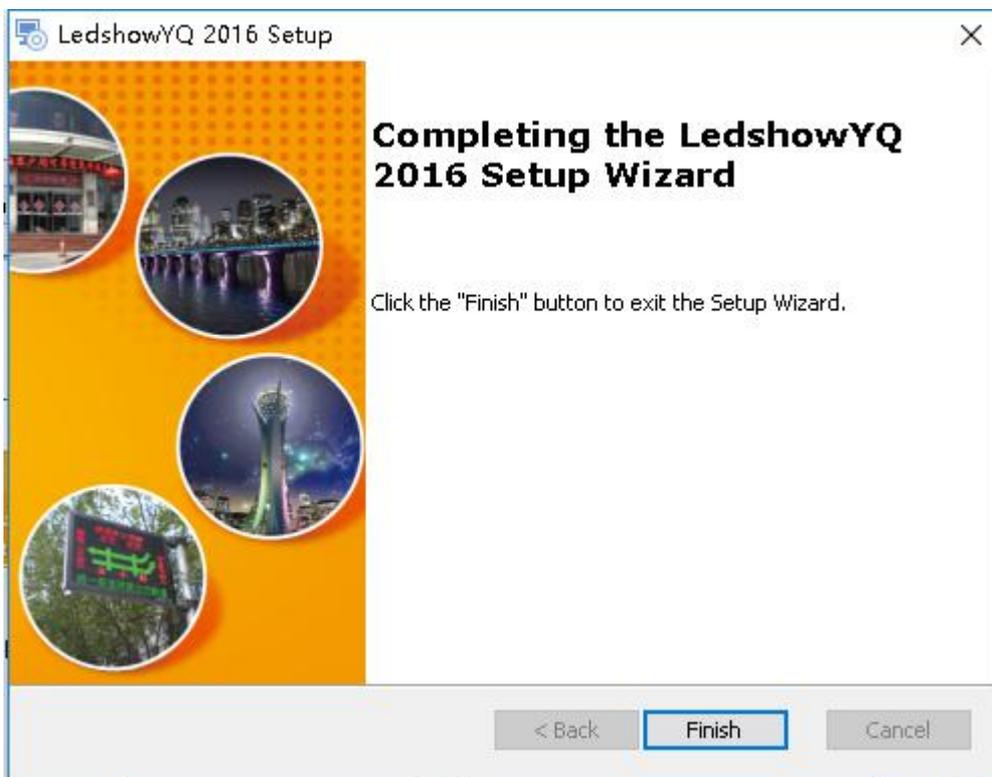
picture 4.1-5 install the installation path

3. Click to install



picture 4.1-6 prepare to install

4. Finish the installation



picture 4.1-7 finish

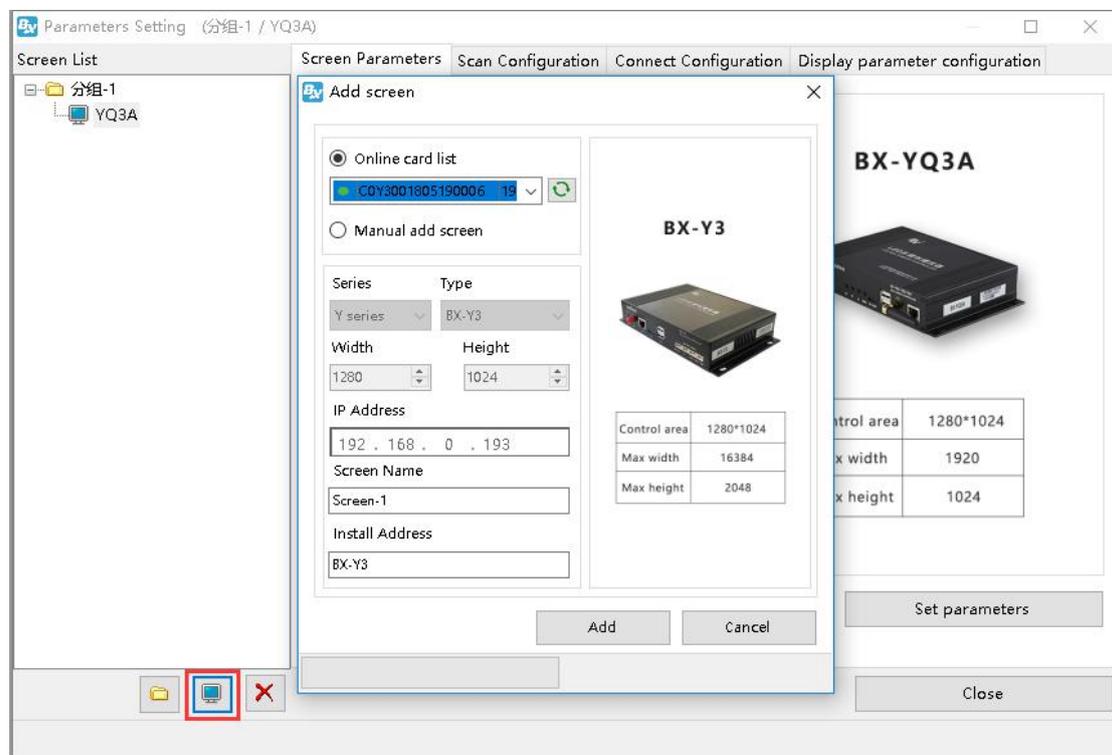
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## 4.2 set the device parameters

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.

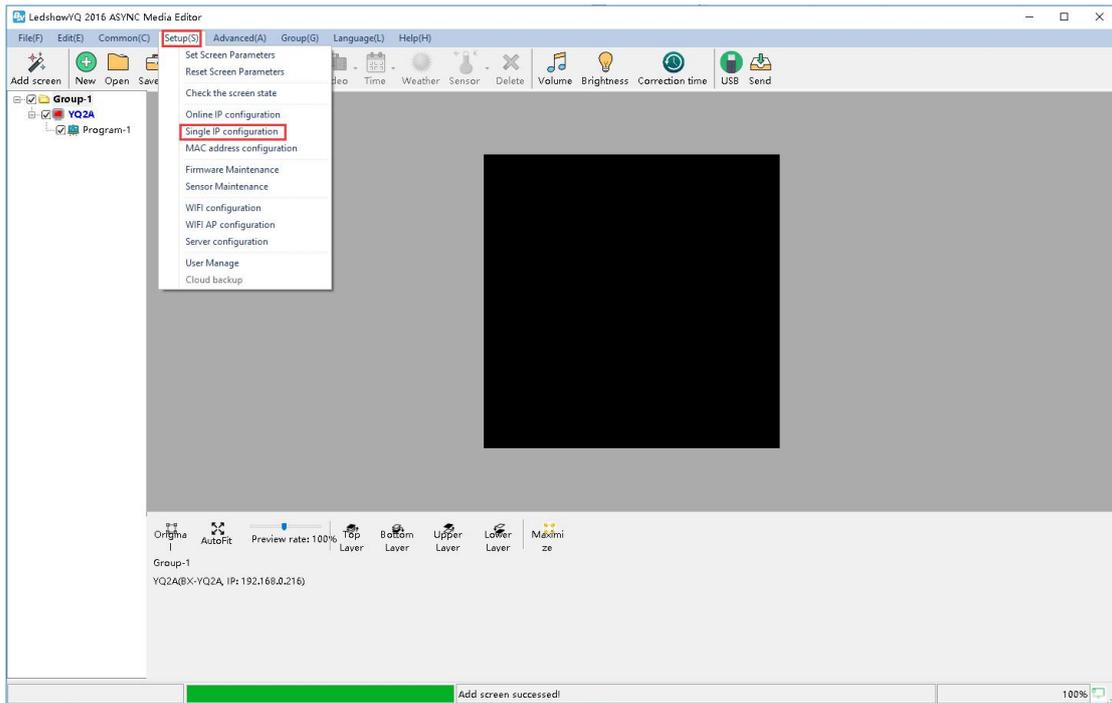
### 4.2.1 Use WEB mode from the YQ software

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”

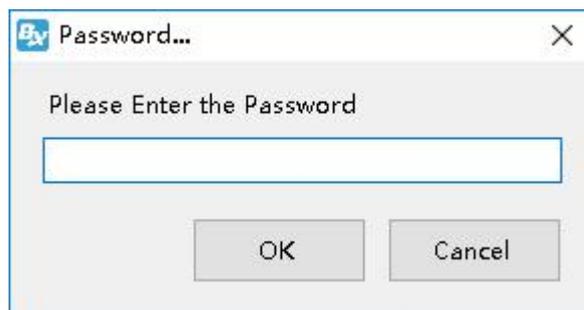


picture 4.2- 1 Add screen

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

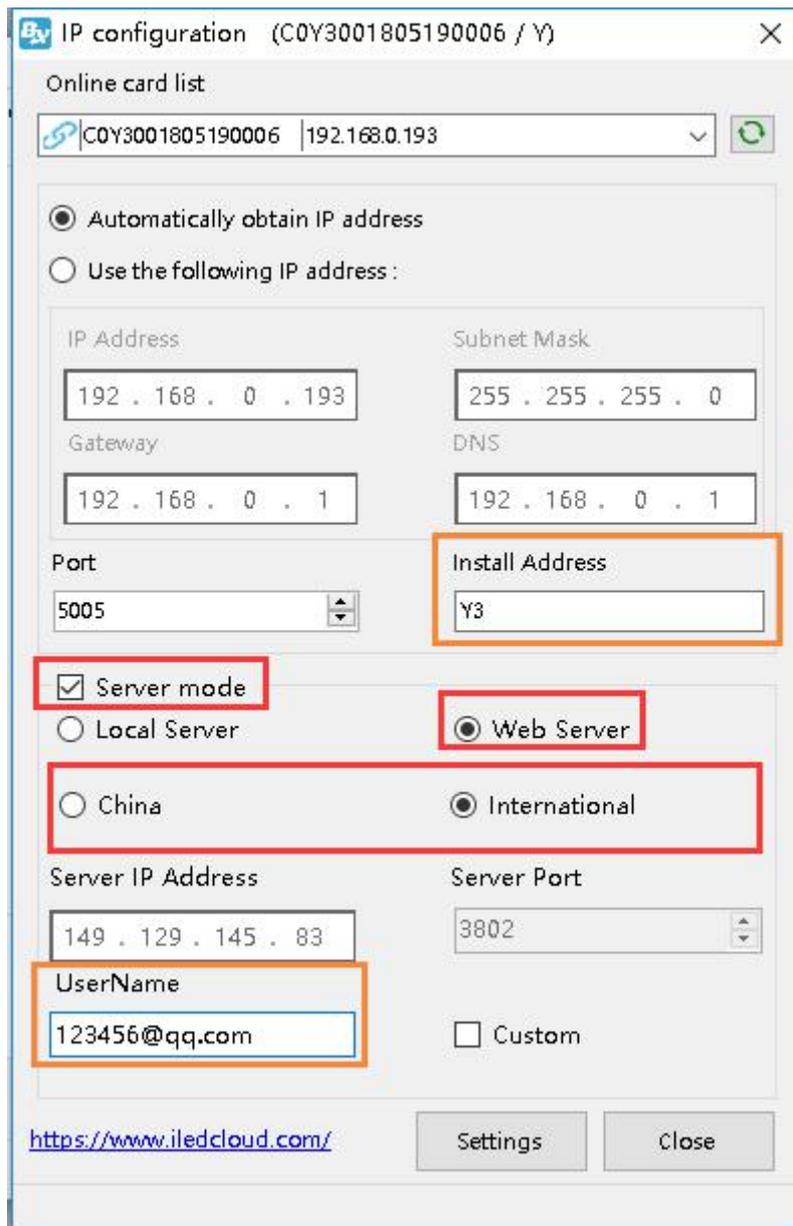


picture 4.2-2



picture 4.2-3 input password

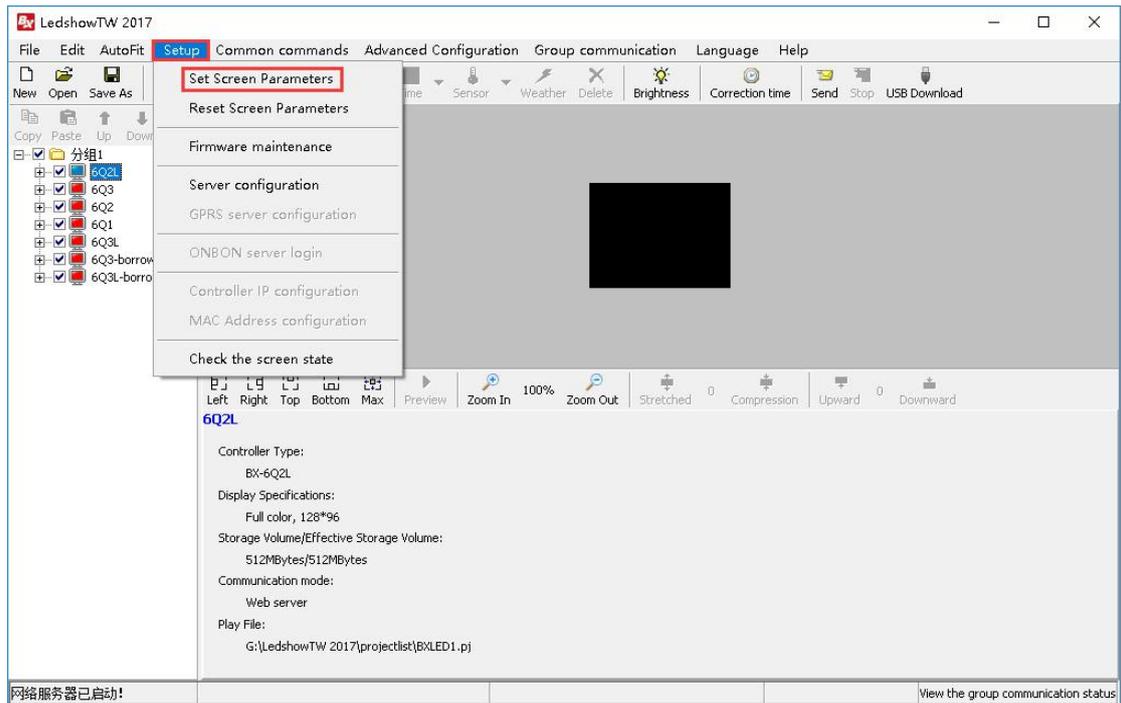
3. In IP configuration page of controller, users can modify the device IP (suggest you to use “Automatically obtain IP address”) and select the “server configuration” select WEB server ,overseas customers please choose “International station”, if user write “user name”(the mail or mobile phone number 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

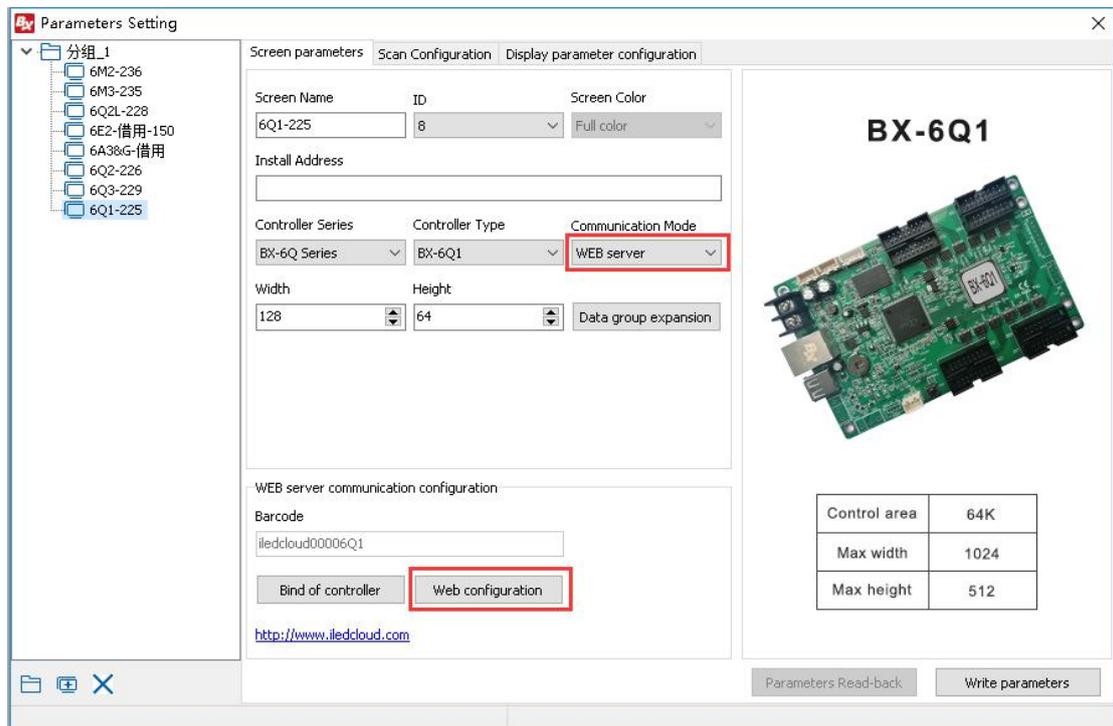
## 4.2.2 Use the WEB mode from TW software

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



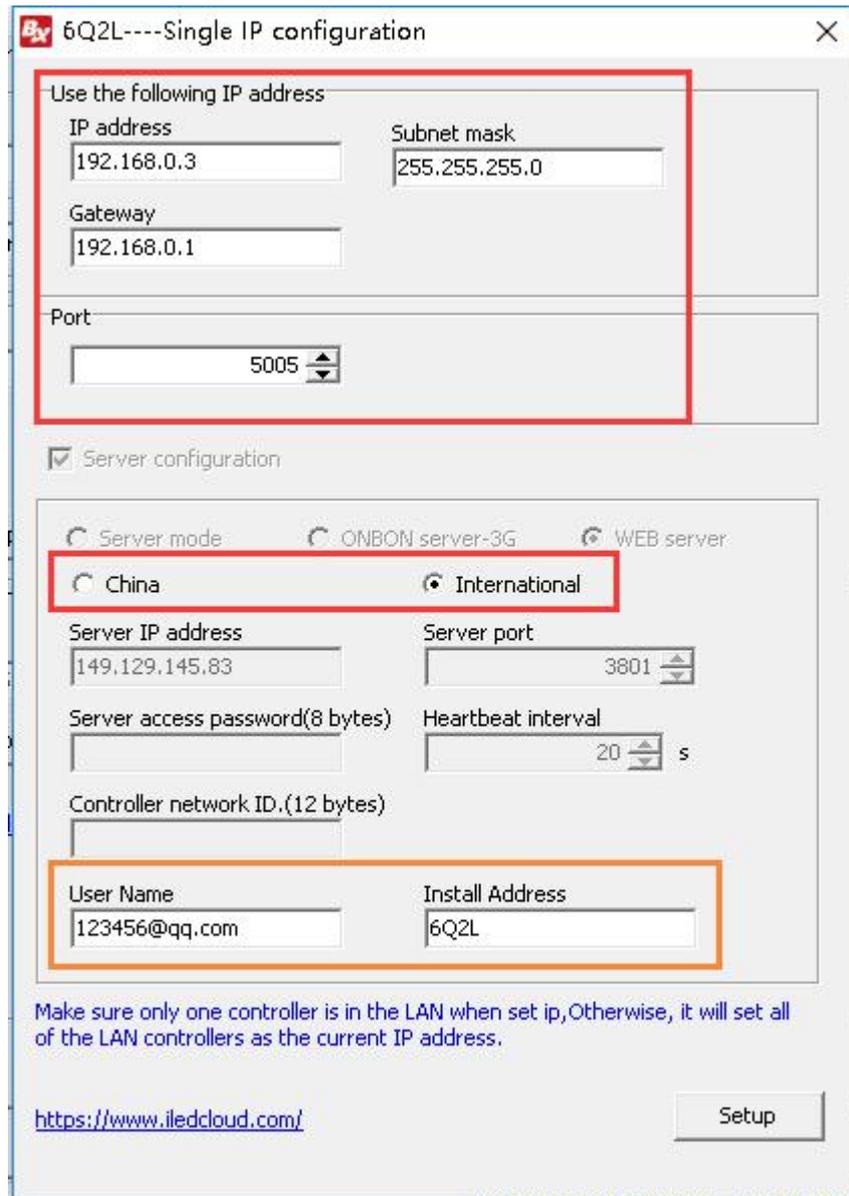
picture 4.2-5

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



picture 4.2-6

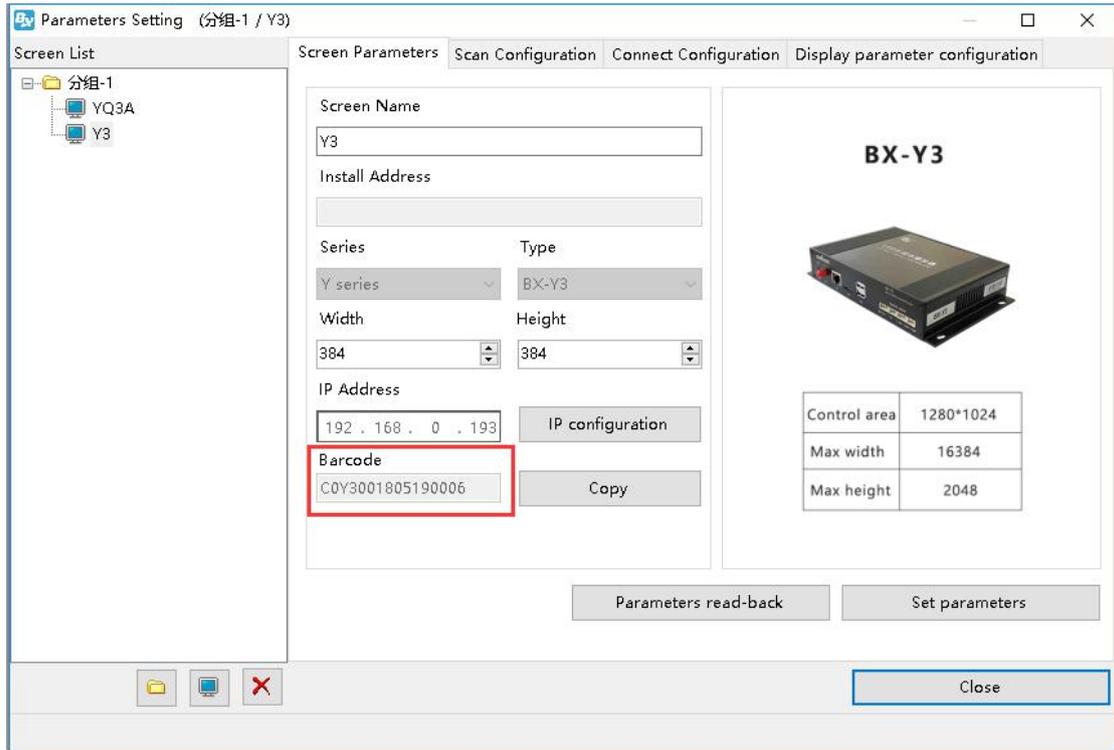
3. Click WEB,write the IP information , international users please select “International”,and then click “setup”.( the LAN only can connect with one device when setup)



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



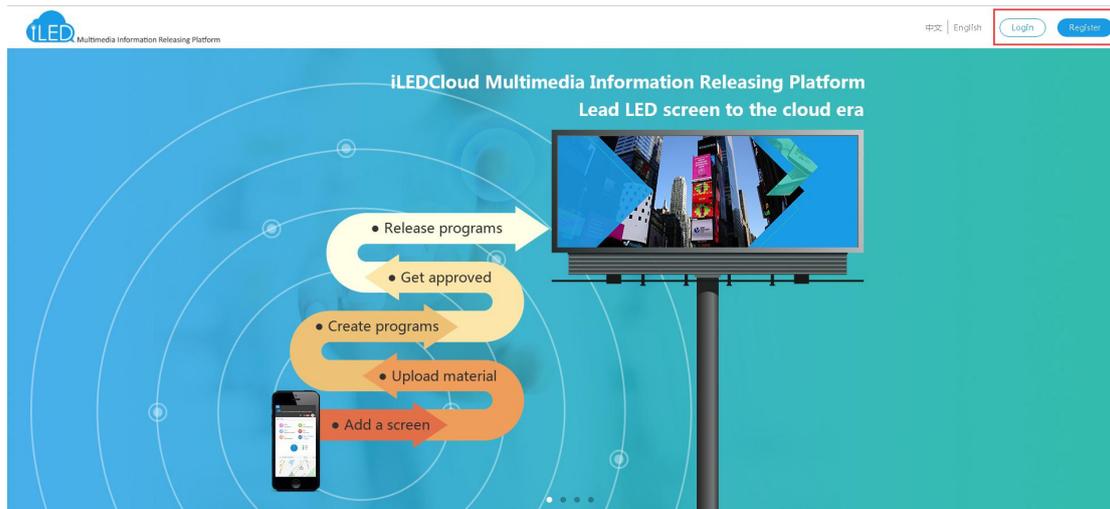
picture 4.2-9 6 series controller bar code

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# 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



Individual      **Enterprise**

Enterprise Name:

Code Type:

Name:

Password:

Confirm Password:

Verification Code:

Phone number:

Phone Verification Code:

I have read and accept [User protocol](#)

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

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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 .

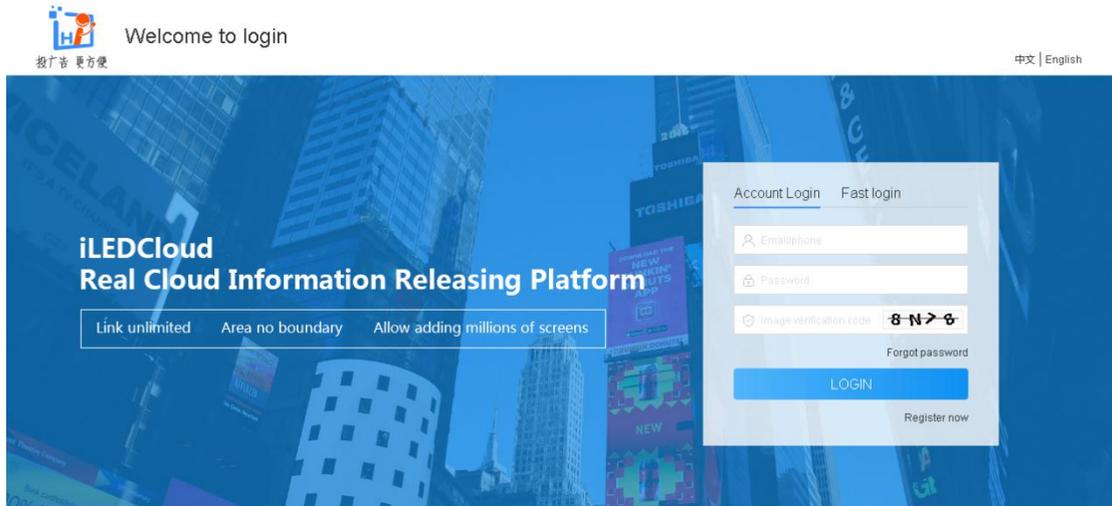
## 2. Individual user

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.

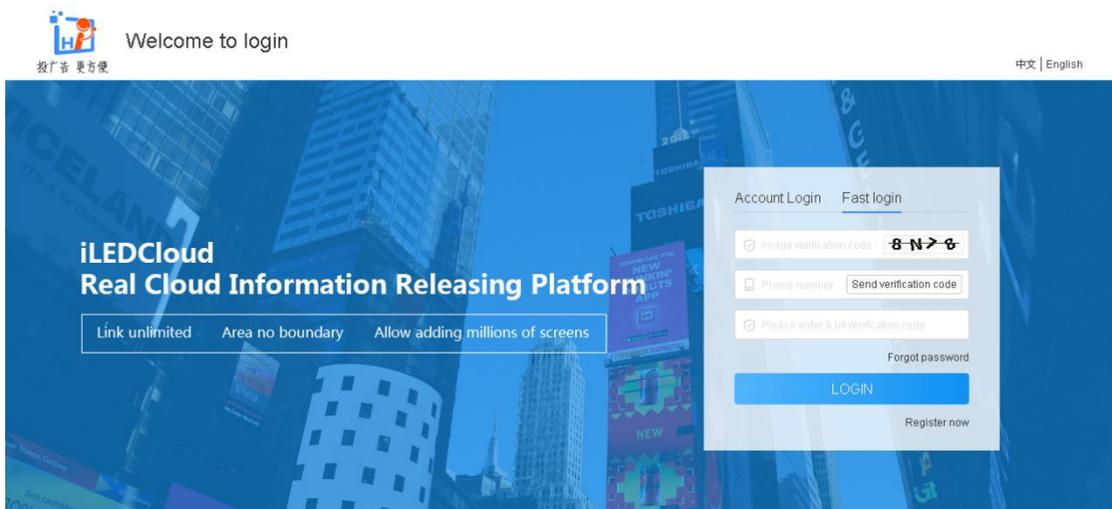
## 5.1.2 Log in

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



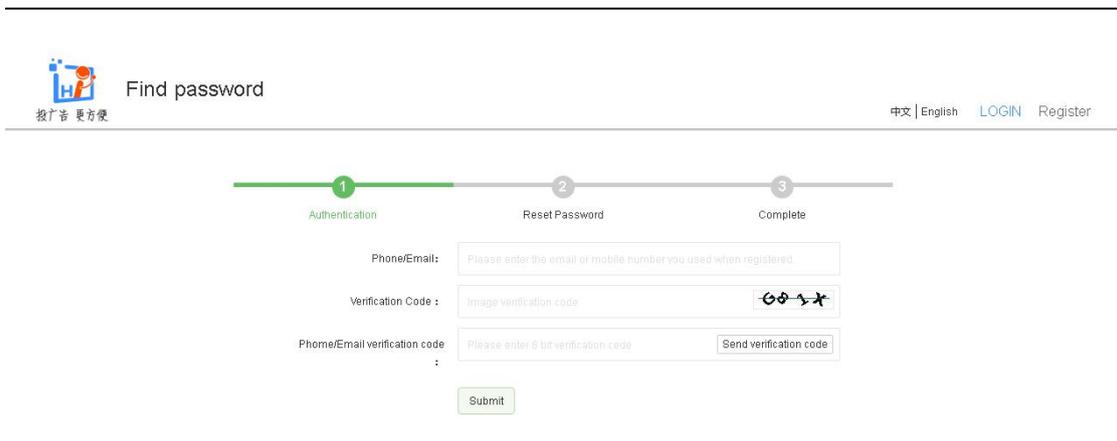
picture 5.1-3

After 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

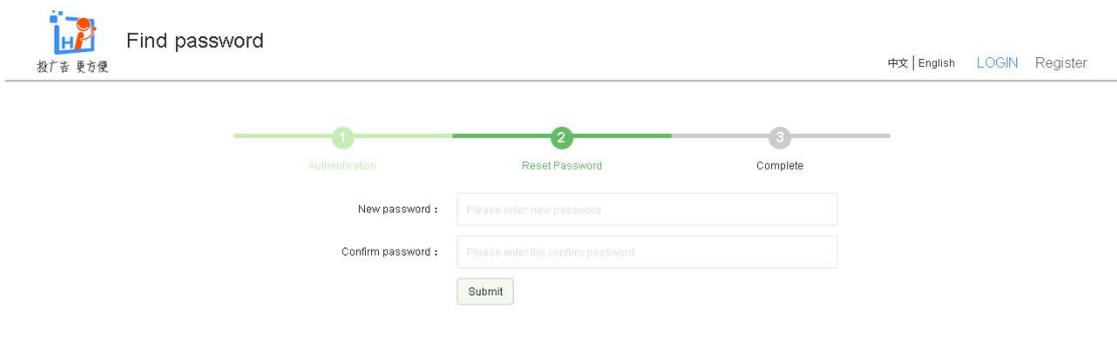


picture 5.1-4 fast login

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



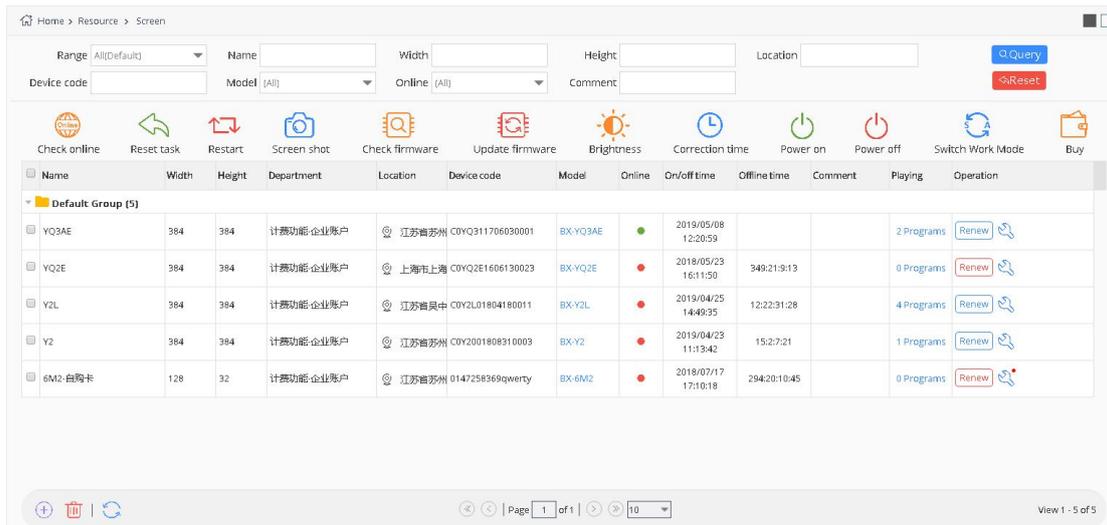
picture 5.1-6

## 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 and YQ3AE

### 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.

Name	Width	Height	Department	Location	Device code	Model	Online	On/off time	Offline time	Comment	Playing	Operation
<span style="color: red;">Green colour means online, red means offline</span>												
YQ3AE	384	384	计费功能企业账户	江苏苏州	C0YQ311706030001	BX-YQ3AE	<span style="color: green;">●</span>	2019/05/08 12:20:59			2 Programs	Renew
YQ2E	384	384	计费功能企业账户	上海市上海	C0YQ2E1606130023	BX-YQ2E	<span style="color: red;">●</span>	2018/05/23 16:11:50	349:21:9:13		0 Programs	Renew

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.

Screen settings
✕

Parameters
QueryFreeSpace
Information
Power
Firmware
Cameras

Transfer Screen

Group Name

Name

Screen Type:

Fixed screen
  Move Screen

Address:

江苏

苏州

苏州

Address Detail:

Time Zone

GMT+8

Memo

Combines Set

No combines

Save
Cancel

picture 5.2-4

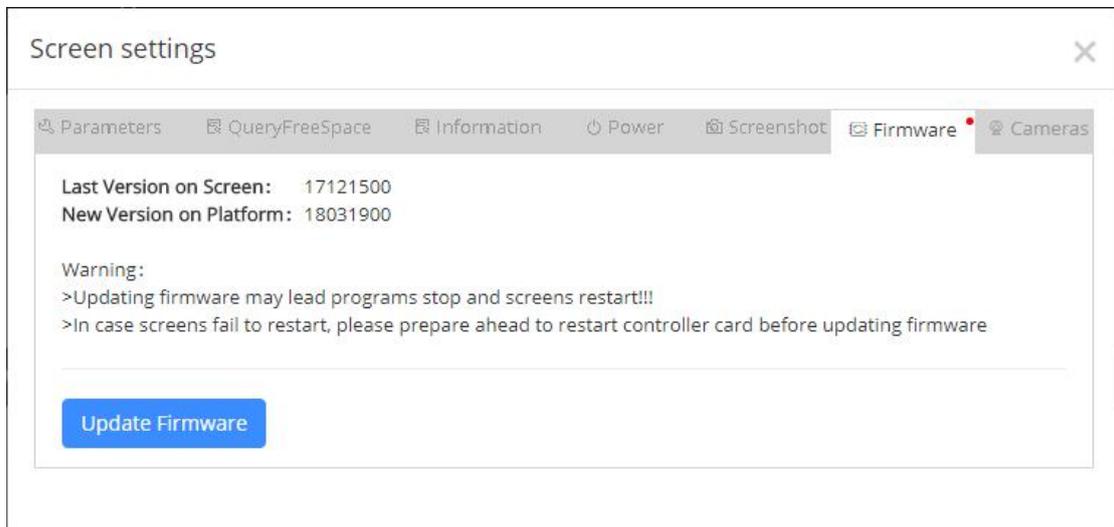
### 5.2.1.3 Firmware updating

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

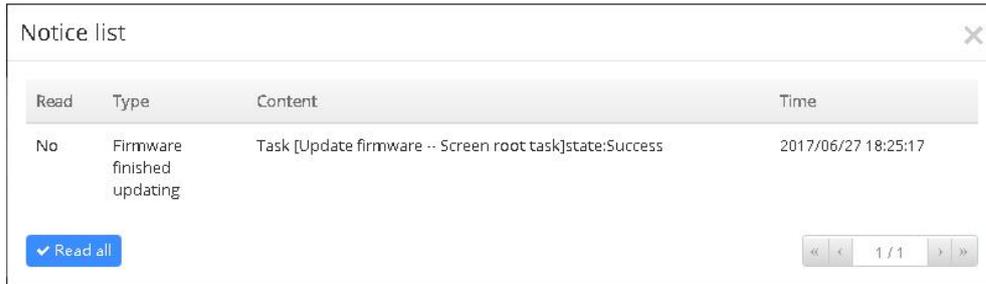
Name	Width	Height	Department	Location	Device code	Model	Online	On/off time	Offline time	Comment	Playing	Operation
▼ Default Group (5)												
YQ3AE	384	384	计费功能企业账户	江苏省苏州	C0YQ311706030001	BX-YQ3AE	●	2019/05/08 12:20:59			2 Programs	Renew
YQ2E	384	384	计费功能企业账户	上海市上海	C0YQ2E1606130023	BX-YQ2E	●	2018/05/23 16:11:50	349:21:9:13		0 Programs	Renew
Y2L	384	384	计费功能企业账户	江苏省吴中	C0Y2L01804180011	BX-Y2L	●	2019/04/25 14:48:35	12:22:31:28		4 Programs	Renew
Y2	384	384	计费功能企业账户	江苏省苏州	C0Y2001808310003	BX-Y2	●	2019/04/23 11:13:42	15:2:7:21		1 Programs	Renew
6M2-自刷卡	128	32	计费功能企业账户	江苏省苏州	0147258369qwertry	BX-6M2	●	2018/07/17 17:10:18	294:20:10:45		0 Programs	Renew

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.



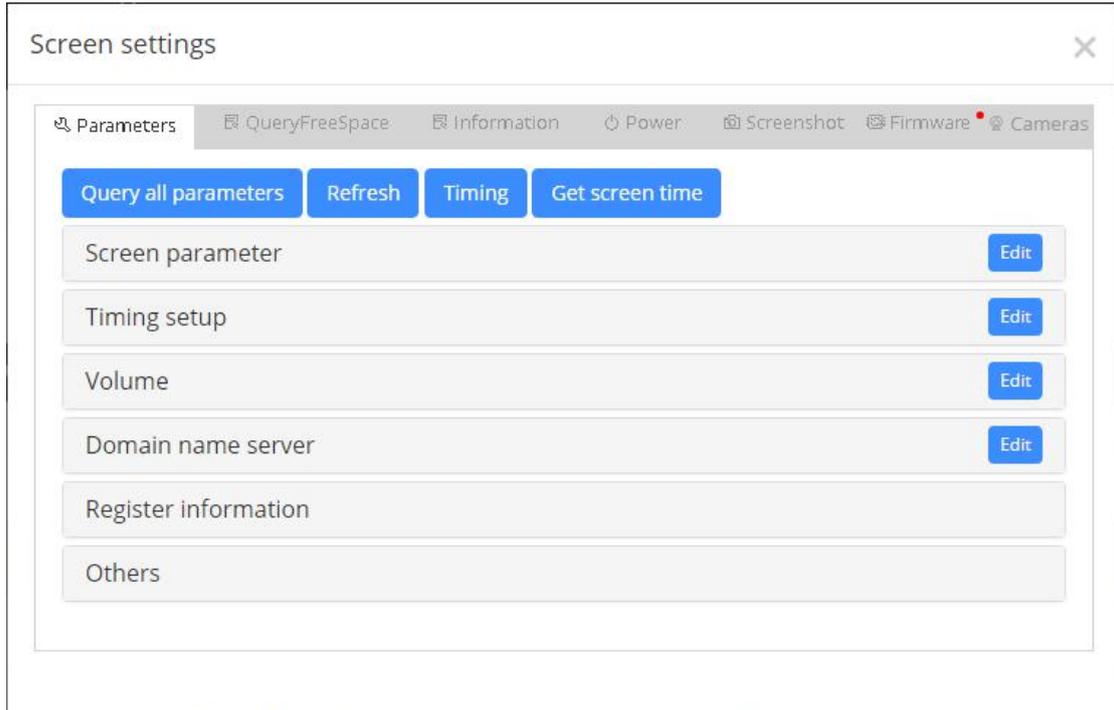
picture 5.2-6



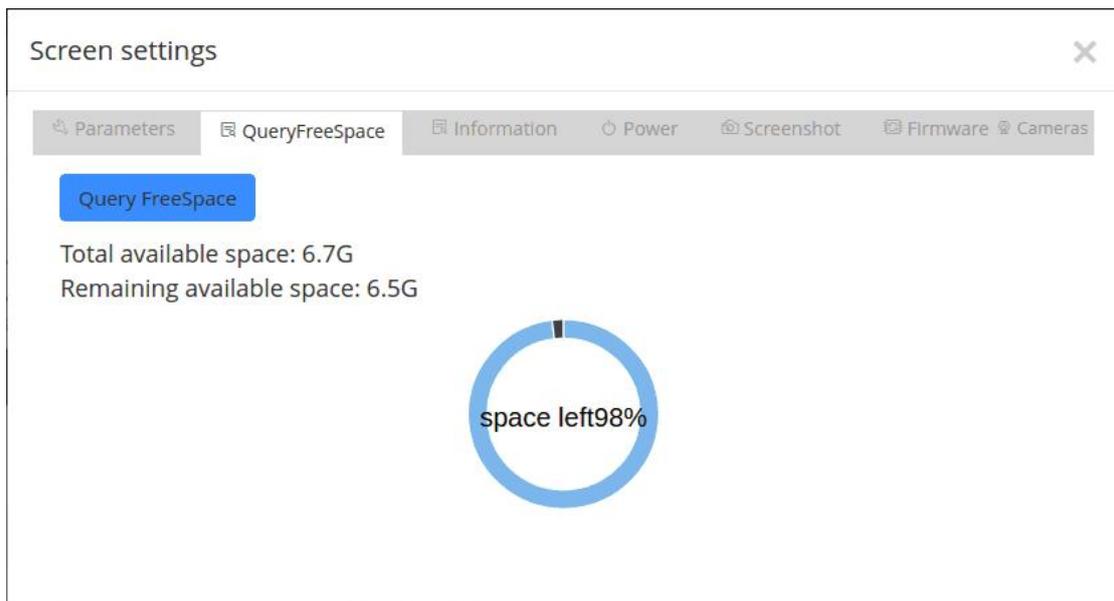
picture 5.2-7

### 5.2.1.4 Edit screen parameter

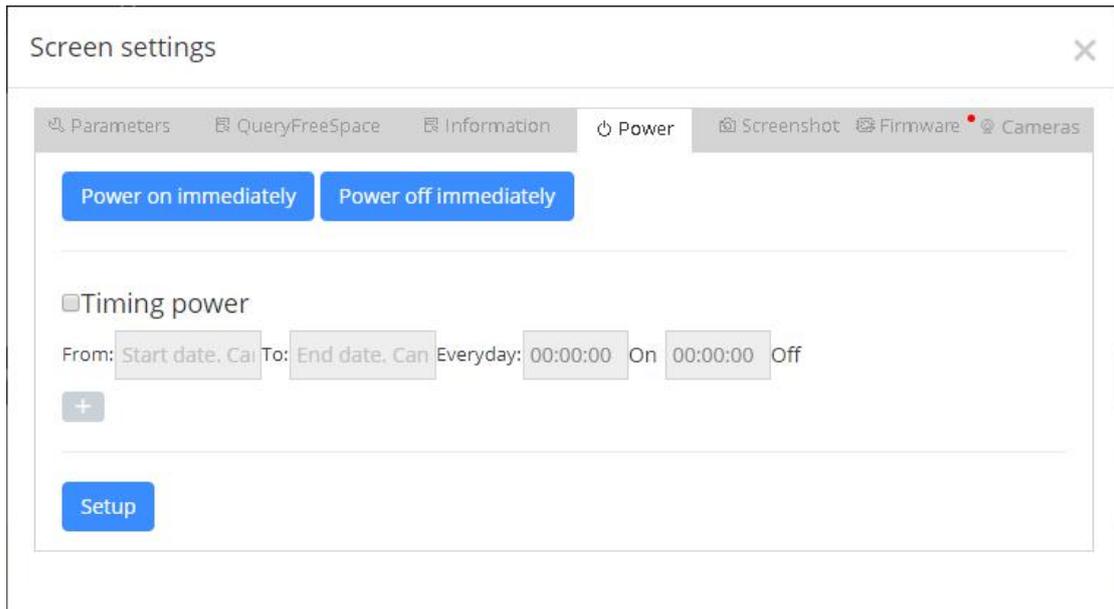
When users click screen management button , “Screen settings” window will appear, see picture 5.2-8. Users can check the rest storage of controller and turn on&off the screen on this window, like picture 5.2-9 and 5.2-10.



picture 5.2- 8 Screen management-parameter setting



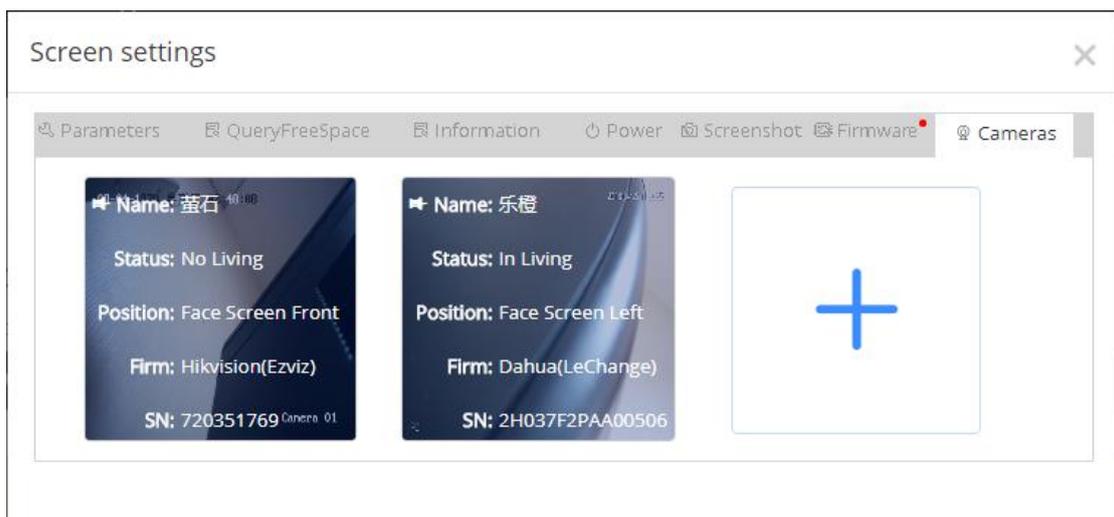
picture 5.2-9



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 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

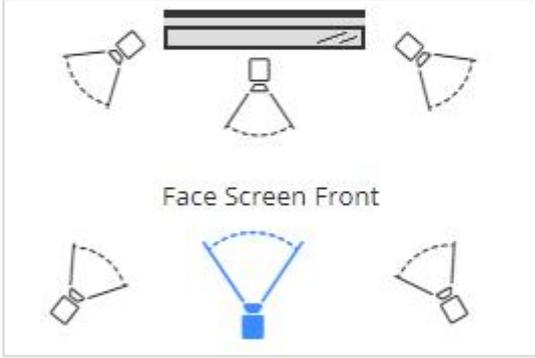
In the camera management interface, click the "+" button, Users can add camera , as shown in picture 5.2- 12, users only need to choose the camera manufacturers,fill in the camera's serial number and verification code and other information,then click Save to complete adding camera. Then click on the binding button,when 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- 13. Each time can only watch the live screen of 1 minutes, and the live page will be automatically closed after that.

**Add Camera** ✕

Firm

SN

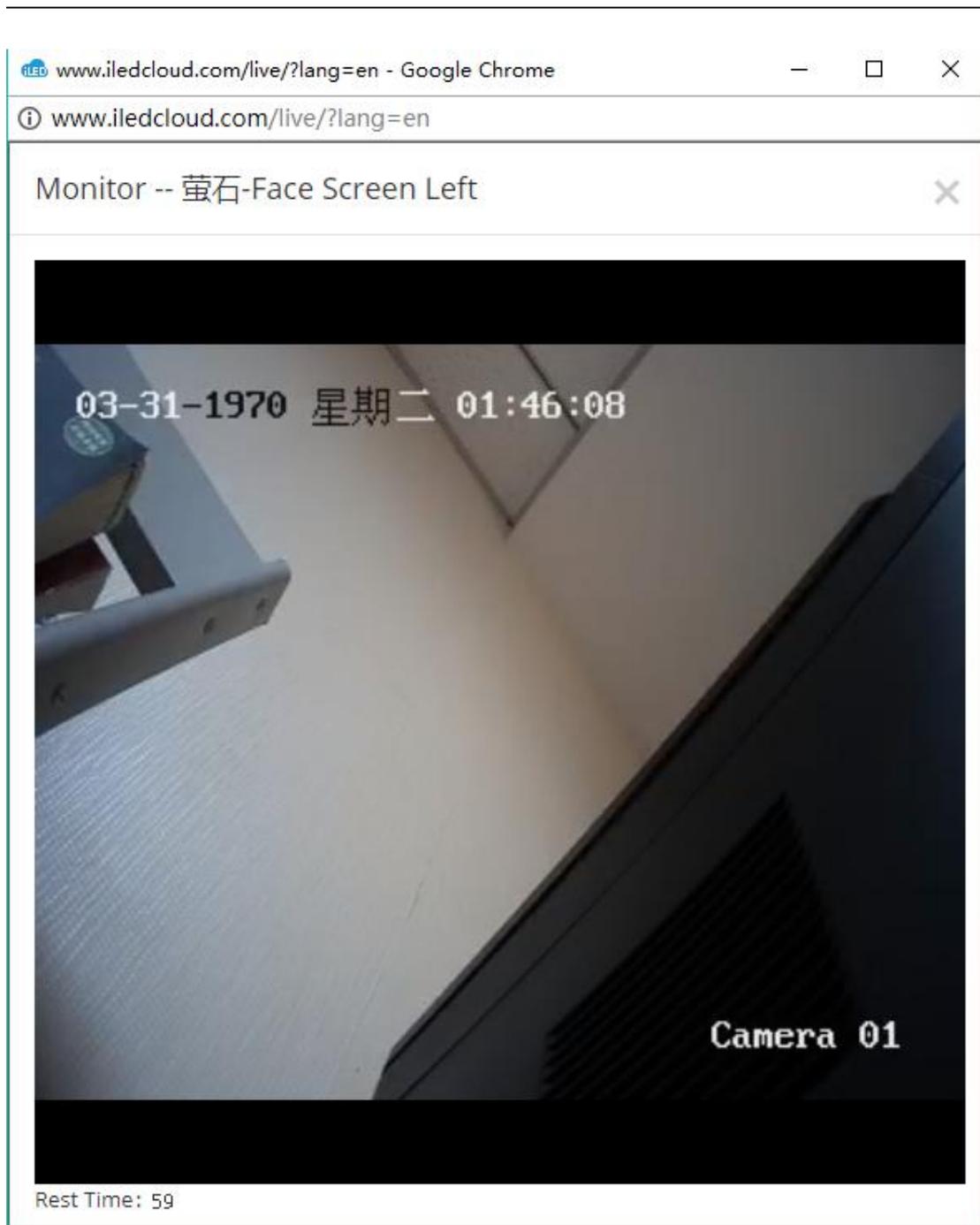
Name

Position 

Note

**Save**

picture 5.2- 12



picture 5.2- 13

### 5.2.1.6 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- 14. The user clicks on "view the details" and the page will jump to the "package data and service" page, and the user can see the detailed description of the package.

Name	Width	Height	Department	Location	Device code	Model	Online	On/off time	Offline time	Comment	Playing	Operation
Default Group (5)												
YQ5E	384	384	苏州云屏网络科技有限公司	江苏省苏州市	50039744042C73706404AA12E584F30	EX-YQ5E	●	2018/11/22 15:33:00	166:22:42:2		1 Programs	Remove
602L	512	128	苏州云屏网络科技有限公司	江苏省苏州市	Hd45x4800WQ2L	EX-602L	●	2018/11/22 15:31:40	166:22:54:4			Buy
Y9-129	192	192	苏州云屏网络科技有限公司	江苏省苏州市	CDY93001805190806	EX-Y9	●	2018/01/02 11:35:32	126:21:50:1	Regular plan: 12 USD/Screens/year(Include 4G spare and 12G data for sending)		Remove
YQ3AE-111	384	384	苏州云屏网络科技有限公司	江苏省苏州市	CDYQ311705030001	EX-YQ3AE	●	2018/01/02 18:59:12	125:18:28:1	Premium plan: 18 USD/Screens/year(Include 8G spare and 12G data for sending)		Remove
EX-YQ4	384	384	苏州云屏网络科技有限公司	江苏省苏州市	52004404054A000000000000000048BE	EX-YQ4	●	2018/01/19 15:50:49	108:21:40:3			Remove
Group1 (1)												
482	128	32	苏州云屏网络科技有限公司	江苏省苏州市	482-123456789012	EX-482	●	2018/11/01 16:29:27	187:20:7:5		Check details 1 Programs	Remove

picture 5.2- 14

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- 15. 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.

Payment ✕

1
2
3

Confirm the purchase      Payment      Payment success

You have selected the following screens to renew or purchase their plans:

Name	Comment	Department	Current package	Package type	Number	Expected end date	Coupon	Operation
YQ5E		苏州云屏网络科技有限公司	Regular plan:	Regular	1	2020/11/22	None	Delete

There are currently 1 screens to buy and renew. [Click here to add](#)

You have chosen:

Regular plan 1 price 12 USD/package

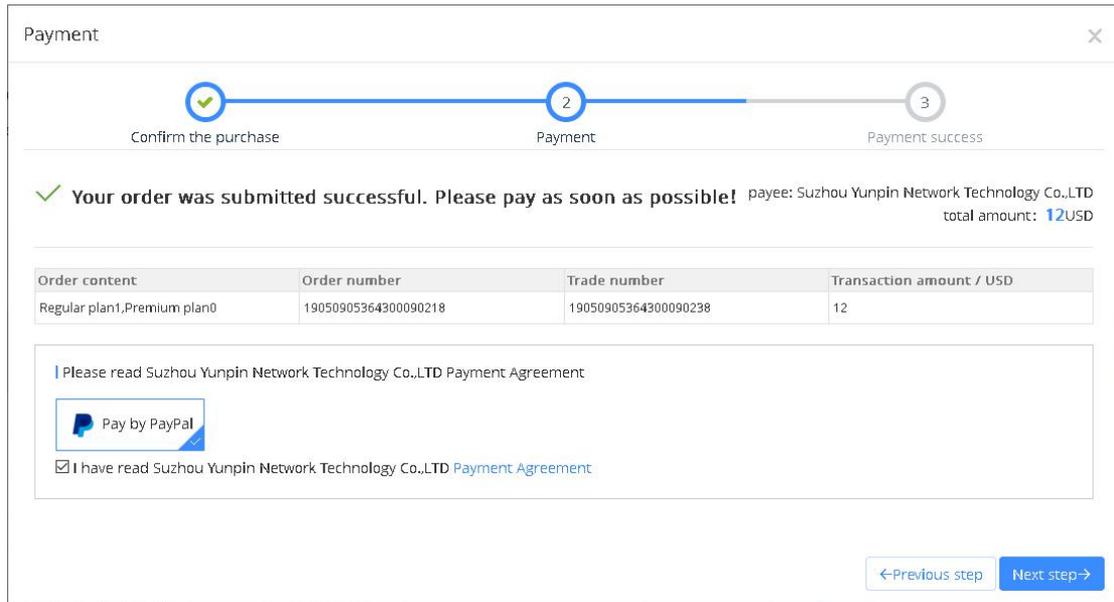
Premium plan 0 price 18 USD/package

**Total : 12 USD**

← Previous step
Next step →

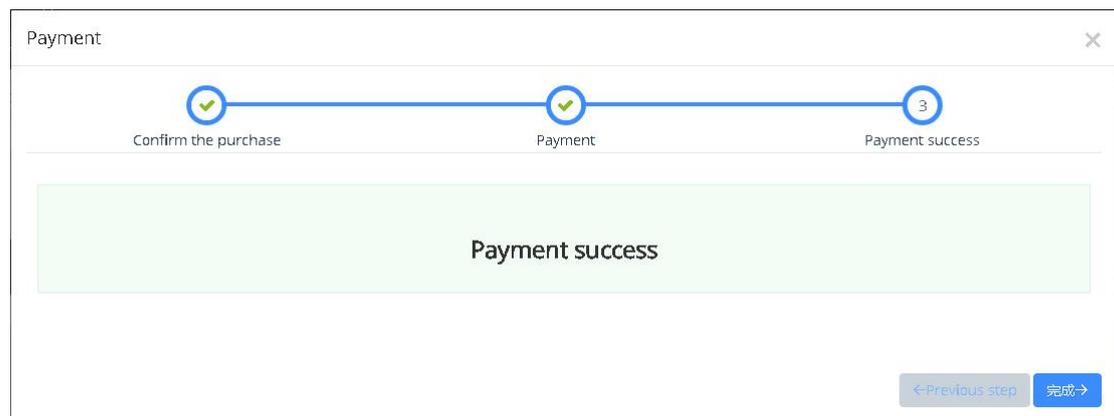
picture 5.2- 15

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- 16. Overseas customers can pay by Paypal.



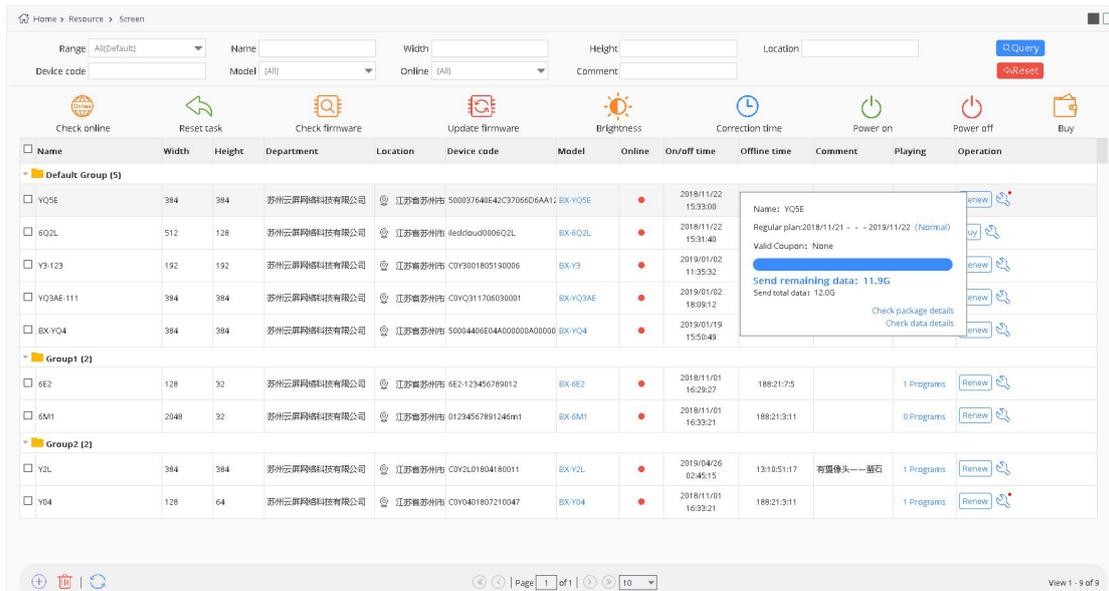
picture 5.2- 16

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- 17.Then the screen can be used normally.



picture 5.2- 17

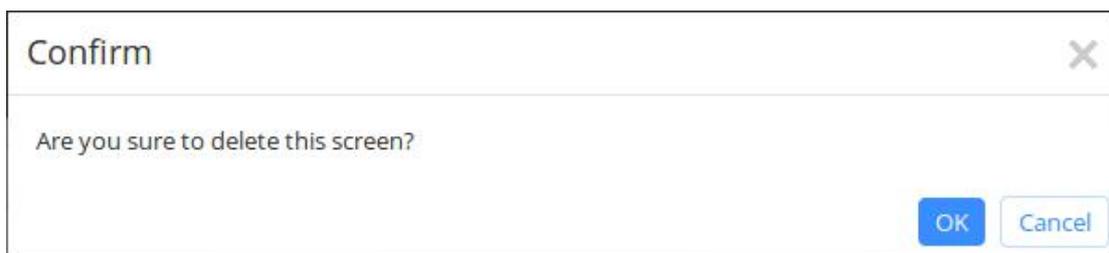
When the screen ' s flow package is about to expire, the user can also renewal it by clicking the corresponding screen button such as "renewal" button or click the buy button . Please follow the instruction to finish the renewal or purchase new flow package ,details as shown in picture 5.2- 18.



picture 5.2- 18

### 5.2.1.7 Delete screen

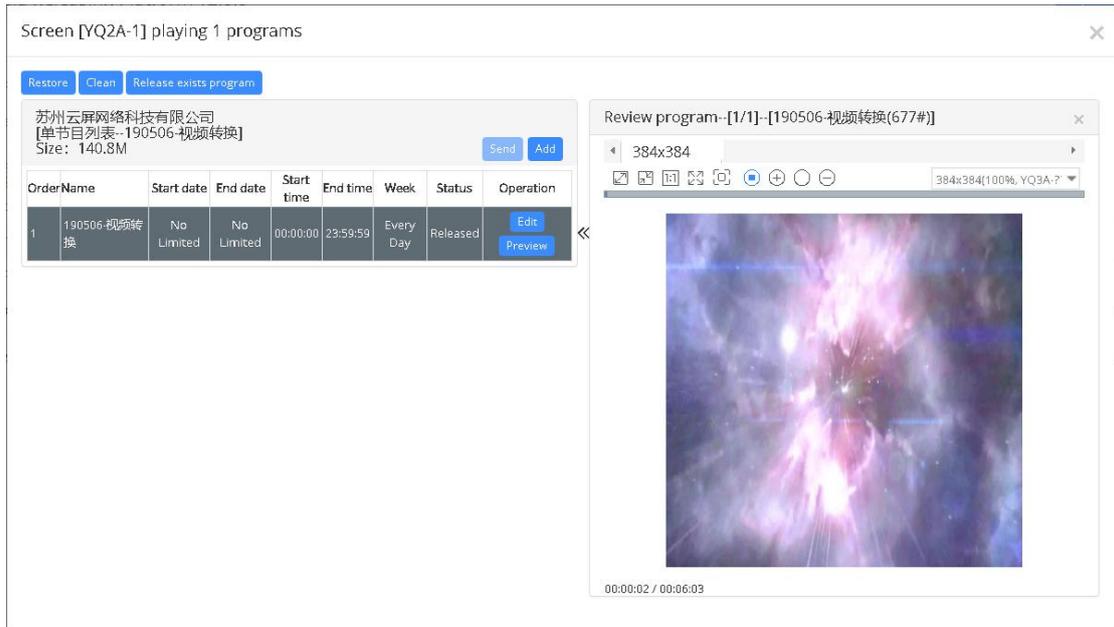
Select the controller which you want to delete, and click “delete” button, like picture 5.2-19. When you delete, it will delete all the data of “add screen automatically” from control cards. After delete the screens from iLEDCloud, what you bought will be always there, later, if you want, you can use again.



picture 5.2-19

### 5.2.1.8 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 5.2-20. Users can preview program or view the file size of this playlist on this page too.



picture 5.2-20

Users can modify, recover and clean the programs in this list. And can also click “ add program ” button to add program or make a new playing list, and users need to fill in the new name of new playing list, like picture 5.2-21.



picture 5.2-21

### 5.2.1.9 Check screen

Please check the below picture 5.2-22.

Home > Resource > Screen View

Range: All(Default) Name: Width: Height: Location: Q.Query Reset

Device code: Model: [All] Online: [All] Comment:

ID	Name	Width	Height	Department	Location	Device code	Model	Online	On/off time	Screen shot	Firmware version	Comment	Operation
Group:(None) (10)													
369	YQ2E	384	384	计费功能-企业账户	上海市上海市上海市浦东	CDVQ2E1606130023	BX-YQ2E	●	2018/05/23 16:11:50	(None)	17082300		
374	6Q3借用	384	384	wyk文化	江苏省苏州市江苏省苏州	CD6Q3A1710120012	BX-6Q3	●	2018/03/07 20:08:00	(None)	18030210		
388	6E2-test	128	32	wyk文化	苏州	01234567891236E2	BX-6E2	●	2018/03/22 11:05:02	(None)	18031610		
389	测试6E1	128	32	wyk文化	江苏省苏州市	6E1QWERT12345678	BX-6E1	●	2018/11/12 10:28:47	(None)	18100810		
409	6M1-YY	128	32	wyk文化		01234567890M1-YY	BX-6M1-YY	●	2018/07/18 17:20:59	(None)	18051010		
419	6Q3L借用 删除后加到新机构后删除	256	384	wyk文化		CD6Q3L1710160066	BX-6Q3L	●	2018/04/25 10:09:01	(None)	18020110		
423	6M2-自研卡	128	32	计费功能-企业账户	江苏省苏州市吴中区磁墩	0147258369qwerqy	BX-6M2	●	2018/07/17 17:10:18	(None)	17121210		
427	6M3-自研卡	32	16	wyk文化		0123456789QAZWSX	BX-6M3	●	2018/11/29 09:18:22	(None)	18080710		
437	YQ3AE	384	384	计费功能-企业账户	江苏省苏州市姑苏区广济	CDVYQ3A17106030001	BX-YQ3AE	●	2019/05/13 14:56:42		1 19022000		
439	YQ1	128	96	Personal account_0_0(湖北省武汉市轨道交通2号		5000448EF84B000000CB00000000827E	BX-YQ1	●	2018/09/13 21:41:57	(None)	17031501		

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picture 5.2-22

## 5.2.2 Material management

Users can operate to the materials in resource management page, , page as shown in picture 5.2-23, 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.

Home > Resource > Material

Range: All(Default) Name: Type: [All] Comment: Q.Query Reset

Group: [All]

Preview	Name	Type	Size	Process status	Have used	Can download	Allow API use	Uploading user	Uploading time	Comment	Operation
default group (10)											
	190830-招商.jpg	Image	2.1M	处理成功	No	Yes	No	business_admin	2019/08/30 10:45:57		
	190828-与图片14一致.png	Image	45.5K	等待审核	No	Yes	No	business_admin	2019/08/29 17:07:20		
	190828-图片15.jpeg	Image	26.8K	Material handling	No	Yes	No	business_admin	2019/08/28 17:03:39		
	190828-图片14.png	Image	45.5K	处理成功	Yes	Yes	No	business_admin	2019/08/28 17:03:38		
	190828-图片13.png	Image	65.6K	等待审核	No	Yes	No	business_admin	2019/08/28 17:03:38		
	190828-图片12.png	Image	105.3K	等待审核	No	Yes	No	business_admin	2019/08/28 17:03:37		
	190828-图片11.png	Image	12.4K	等待审核	No	Yes	No	business_admin	2019/08/28 17:03:36		
	190828-GIF图2.gif	Video	417.3K	等待审核	Yes	Yes	No	business_admin	2019/08/28 17:03:35		
	190828-图片8.jpg	Image	421.6K	等待审核	No	Yes	No	business_admin	2019/08/28 17:03:33		
	190828-图片6.png	Image	27.5K	等待审核	No	Yes	No	business_admin	2019/08/28 15:26:34		

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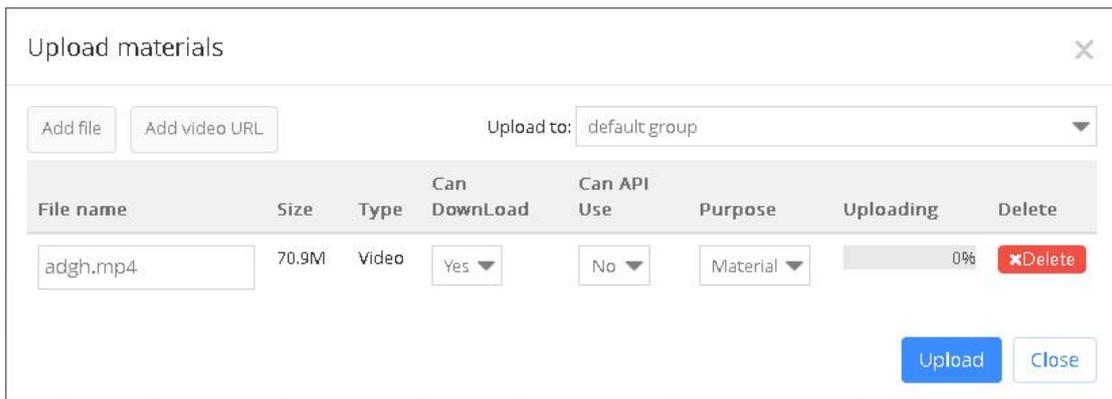
picture 5.2- 23

table 5.2- 3 material management page button notes

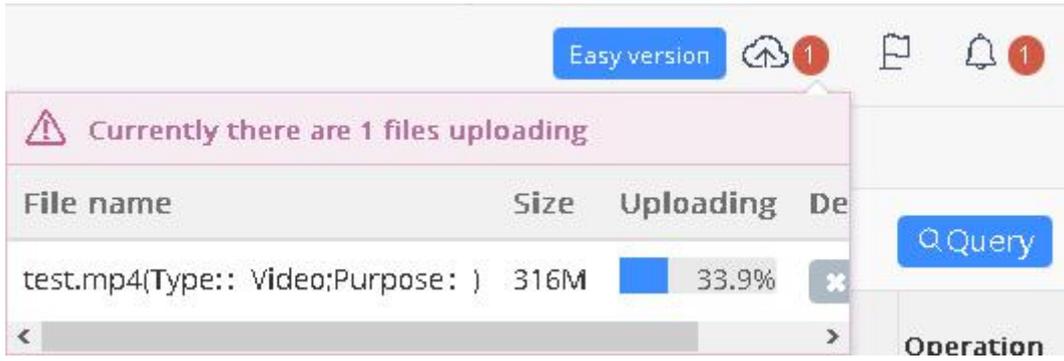
button	Function
	view button ,click to view the detail page of the record
	Download button, download the present materials
	group management button ,select it to check the current group and add ,modify or delete it.
	select material button ,select to move the material to other group

### 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 5.2-24.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 5.2-25.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.



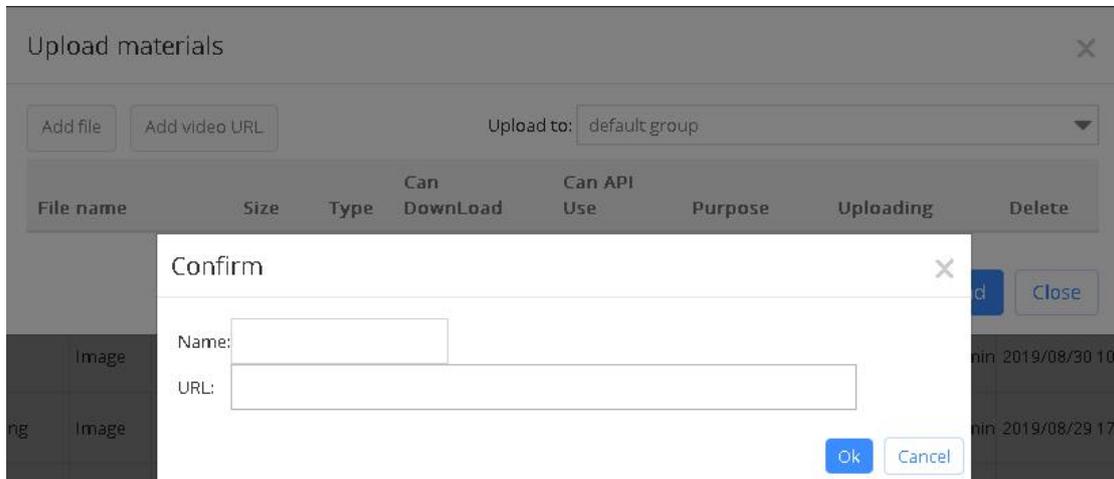
picture 5.2- 24



picture 5.2-25

Y series controller supports live program, so we add “add live URL” button in “Materials”.

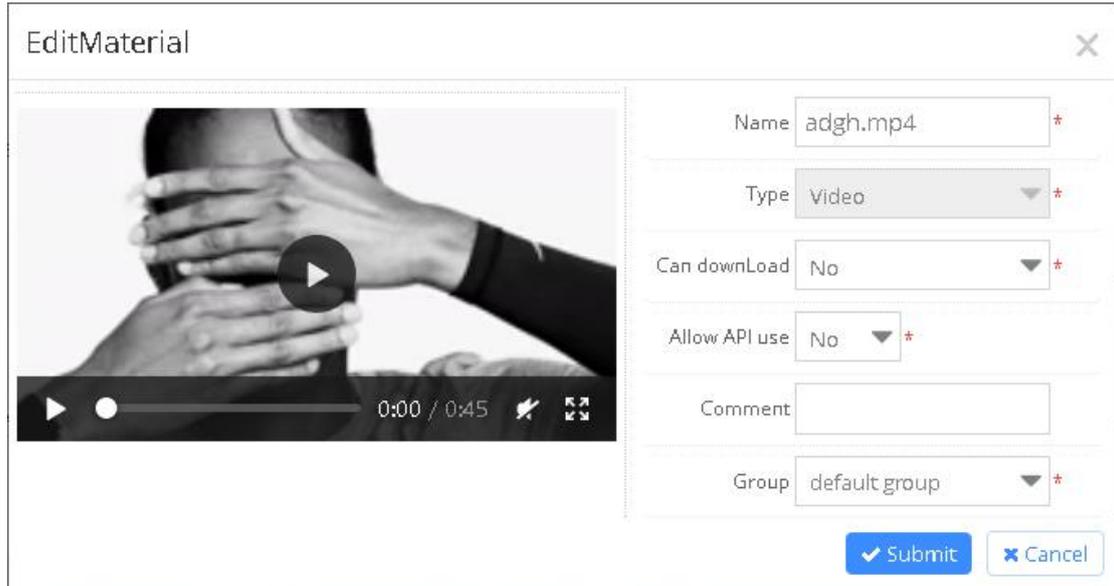
Like picture 5.2-26. Presently, support RTMP,RTSP and HTTP address.



picture 5.2-26

### 5.2.2.2 Edit material information

After users click the edit record button ,will pop up like in the picture 5.2-27



picture 5.2-27

### 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 5.2-28.

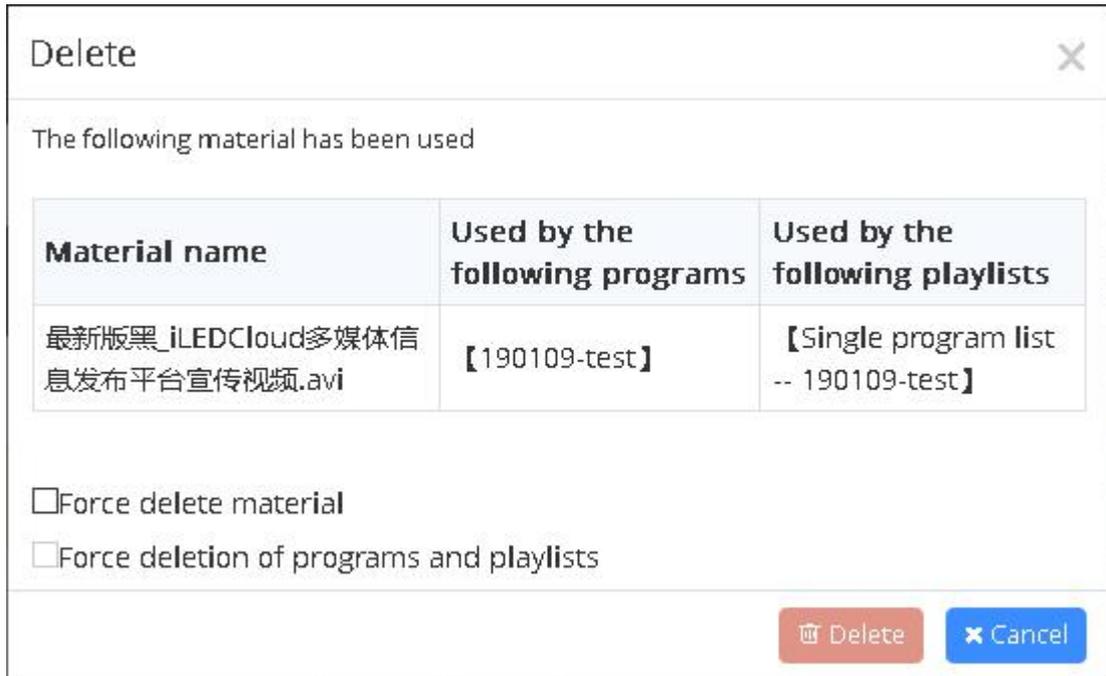
Preview	Name	Type	Size	Process status	Have used	Can download	Uploading user	Uploading time	Comment	Operation
	最新成果_ILEDCloud多媒体信息发布平台宣传视频.avi(BX-Y3-480p)	Video	19.2M	Finish	Yes	Yes	admin	2019/01/16 00:03:02		
	最新成果_ILEDCloud多媒体信息发布平台宣传视频.avi	Video	21.4M	Finish	Yes	Yes	admin	2019/01/13 23:57:46		

picture 5.2-28

### 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

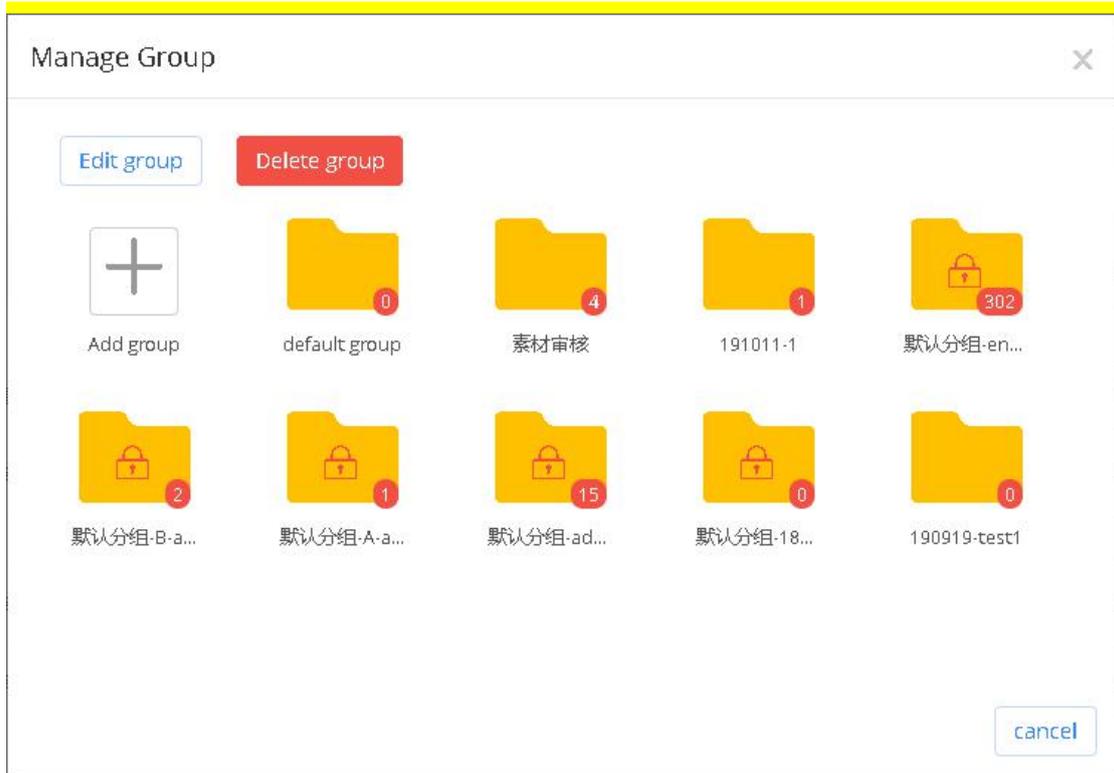
and the playlists will be deleted.



picture 5.2-29

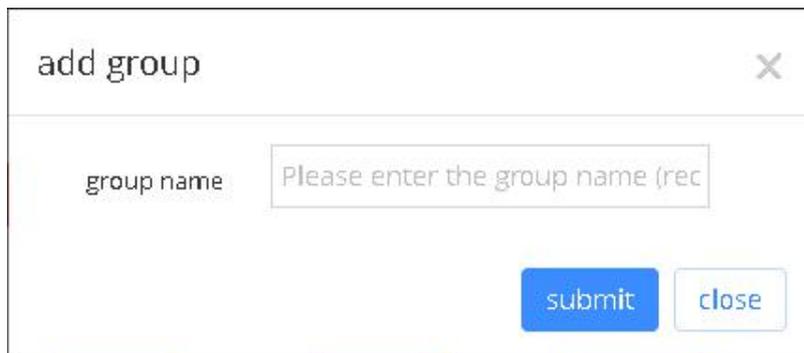
### 5.2.2.5 Manage group

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 figure 5.2-30. 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.

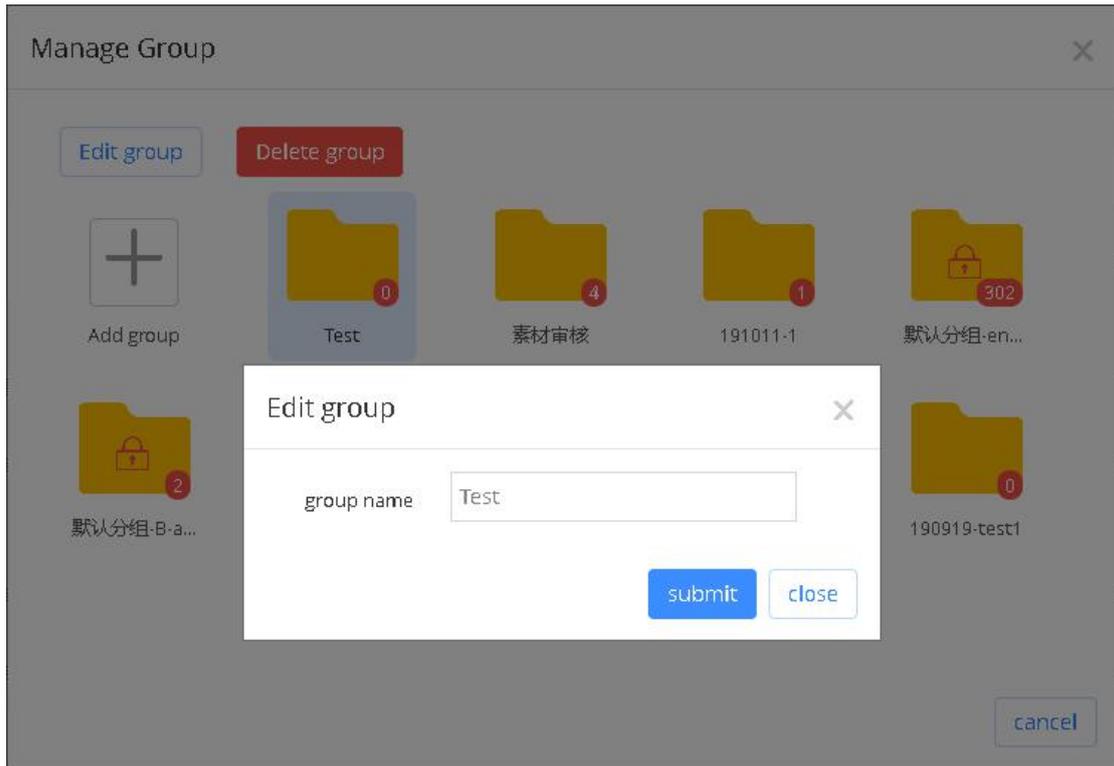


Picture 5.2-30

If the user wants to create a new group, just click "add group" and the page as shown in figure 5.2-31 will pop up. Enter the group name. Users can upload materials in bulk, manage groups, edit materials and other pages for new group operations

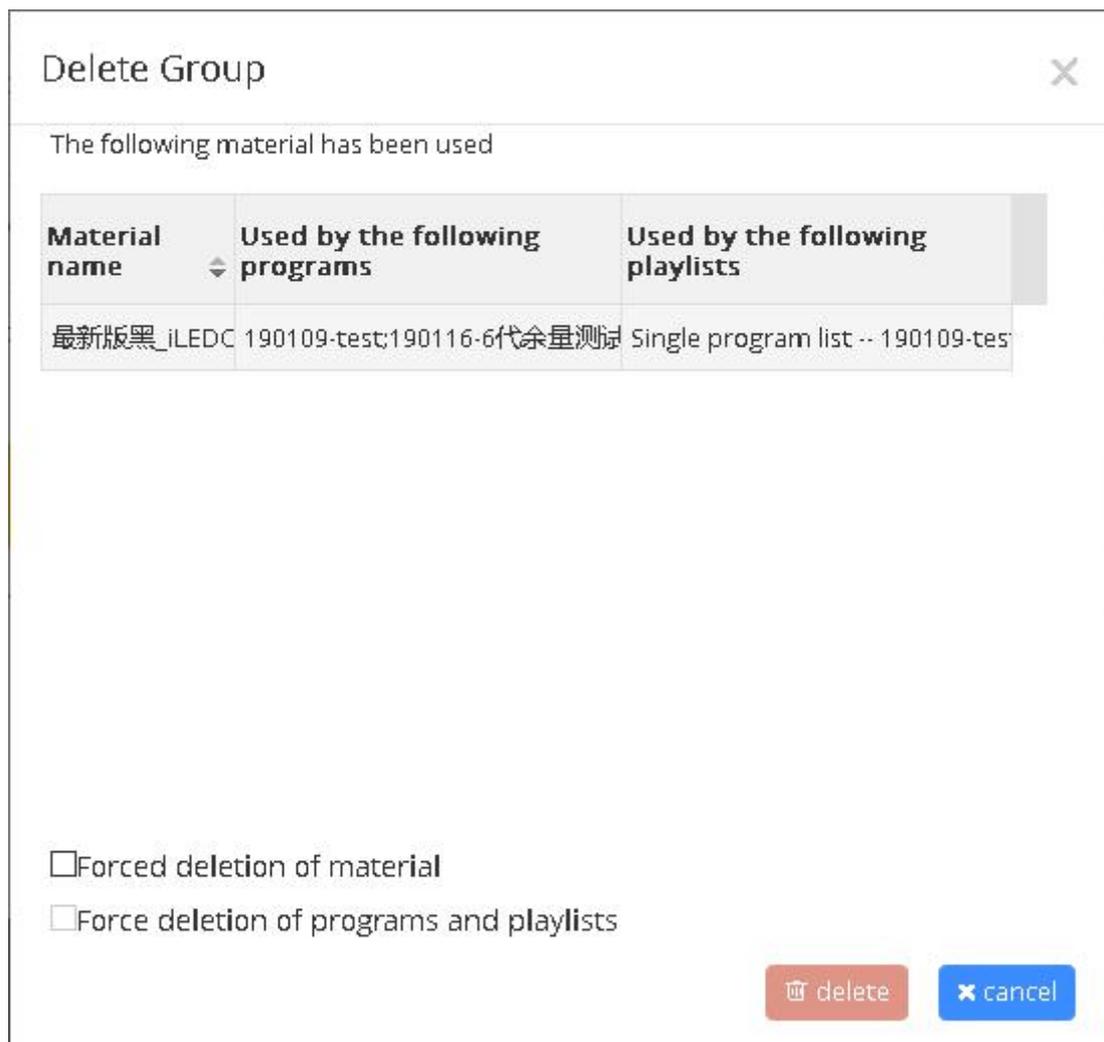


Picture 5.2-31 If the user wants to modify the group name of the existing group, just select the corresponding group in the management group page and click the "edit group" button, and the modified page will pop up, as shown in figure 5.2-32.



Picture 5.2-32

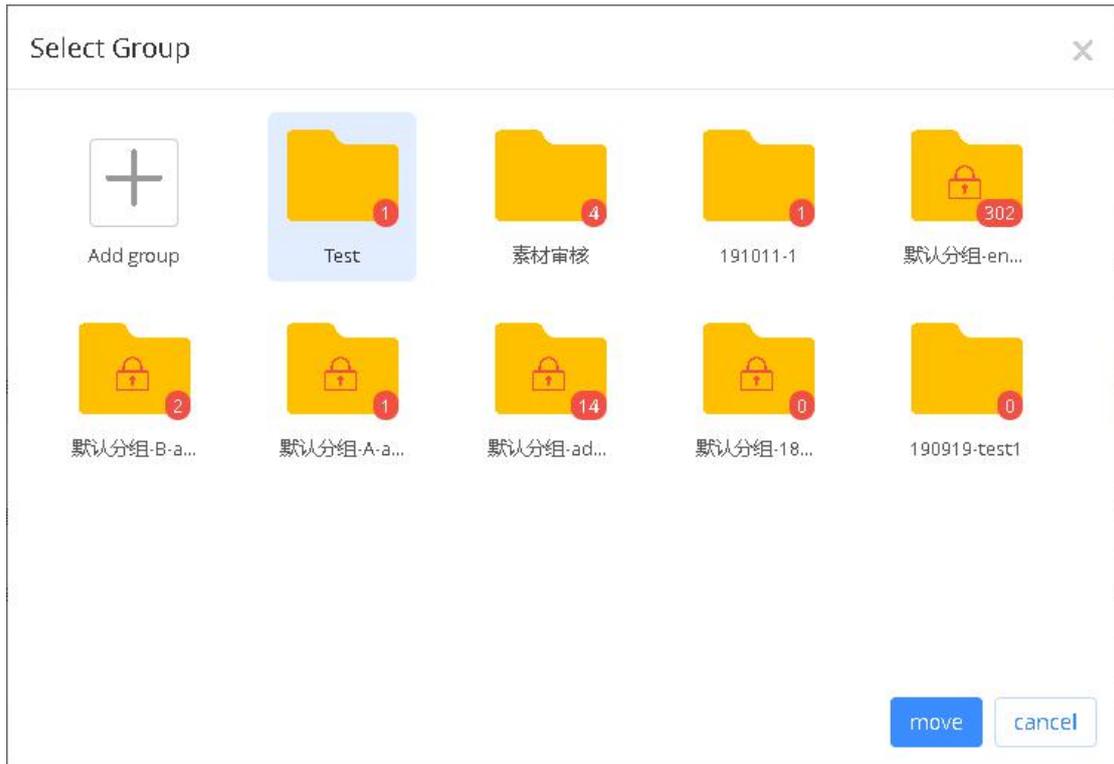
Users can also delete the group. Select the group on the management group page and click "delete group". If the material in the group has not been used, the user will delete the material in the group and group after confirmation. If any material in the group is in the state of "used", the occupied material will pop up after clicking the "delete group" button, as shown in figure 5.2-33. Check the corresponding option according to your own needs and click delete.



Picture 5.2-33 分组内素材占用情况

### 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 figure 5.2-34. 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 5.2-34

## 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.

### Create New Program ✕

**Manufactory:** Shanghai Onbon

**Product:** YQ product

Multimedia
Text only

Type content

	Size	Models	Screen list	Match Rate <sup>Ⓜ</sup>
<input type="checkbox"/>	<b>+</b> 192x192	(Total 1)	(Total 2)	0%
<input type="checkbox"/>	<b>+</b> 432x270	(Total 1)	(Total 1)	71%
<input checked="" type="checkbox"/>	<b>+</b> 384x384	(Total 4)	(Total 8)	100%
<input type="checkbox"/>	<b>+</b> 128x96	(Total 1)	(Total 1)	0%

Open Program

Create →

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.

### Open Program ✕

Type name
🔍

No.	Name	Draw Boards	Model	Creator	Create Time	Editors	Edit Time
108	180913-englishstest2	320x192,384x256	BX-YQ2;BX-YQ2AE	TQ	2018/09/13 02:40:29	TQ	2018/09/13 02:40:29
105	180913-englishstest	320x192,384x256	BX-YQ2;BX-YQ2AE	TQ	2018/09/13 02:38:45	TQ	2018/09/13 02:39:54
588	180912-Y系列-表格测试-谷歌	384x384	BX-Y2;BX-Y2L;BX-Y3	超级管理员	2018/09/12 23:29:24	超级管理员	2018/09/13 02:06:04
587	180912-YQ-表格测试-谷歌	384x256	BX-YQ2A;BX-YQ3AE;B...	超级管理员	2018/09/12 23:27:27	超级管理员	2018/09/13 14:57:11
149	180912-Y系列-表格测试	384x384	BX-Y2;BX-Y08;BX-Y04;...	business_admin	2018/09/12 23:22:30	business_admin	2018/09/13 00:45:24
28	180912-时间	384x256	BX-6Q3L	wyk1	2018/09/12 18:35:28	wyk1	2018/09/12 18:35:28
153	180912-Y2L多媒体节目384*384	384x384	BX-Y2L	business_admin	2018/09/12 12:11:07	business_admin	2018/09/12 12:11:07
138	180912-Y3多媒体节目384*384	384x384	BX-Y3	business_admin	2018/09/12 12:09:29	business_admin	2018/09/12 12:09:29
585	180912-客户富文本显示问题2	608x384	BX-YQ2A	超级管理员	2018/09/12 09:36:58	超级管理员	2018/09/13 13:56:40
584	180912-客户富文本显示问题	384x384	BX-YQ2;BX-YQ3A;BX-...	超级管理员	2018/09/12 09:23:34	超级管理员	2018/09/12 09:23:34

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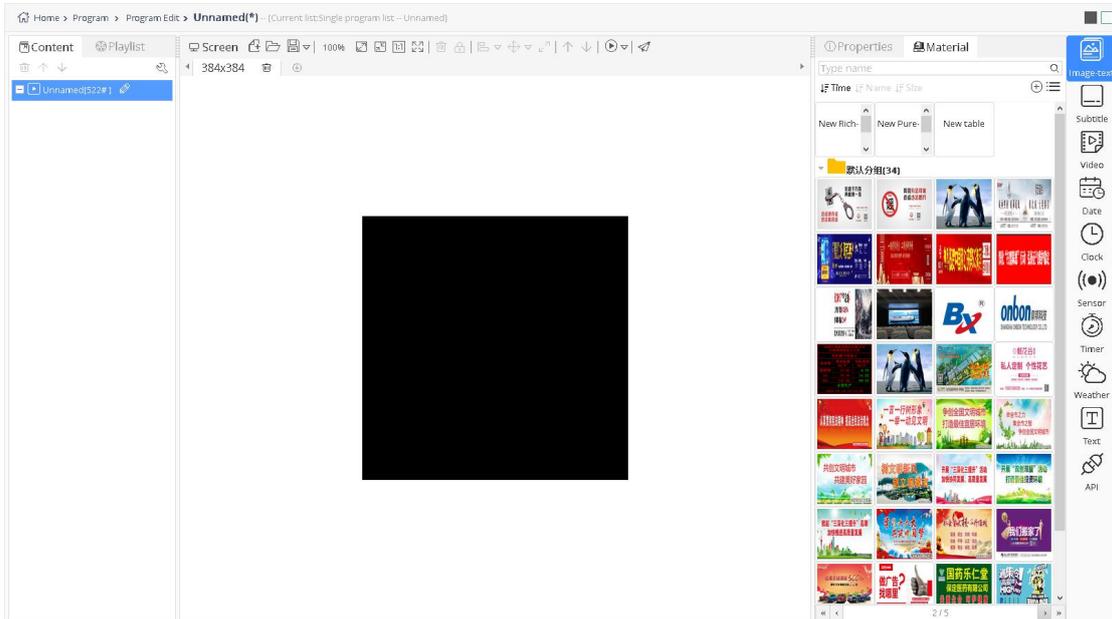
Create New Program

OK

Close

picture 5.3-2

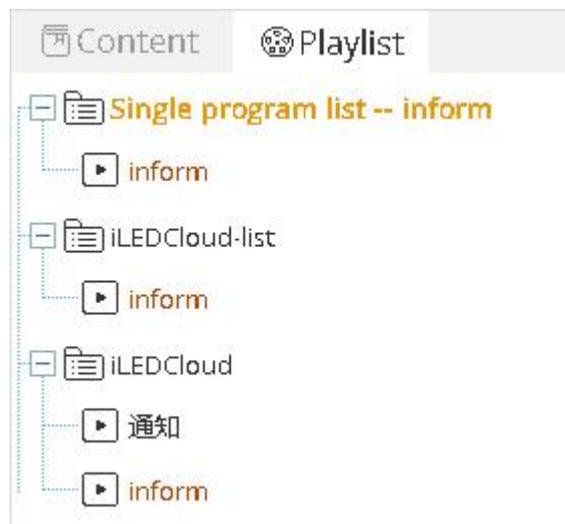
After create the new program then turn to the make program page ,including right,middle and right parts ,as shown in picture 5.3- 3.



picture 5.3- 3

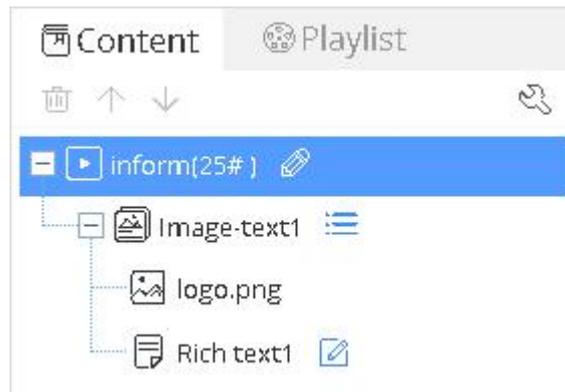
1. Left side of page

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.



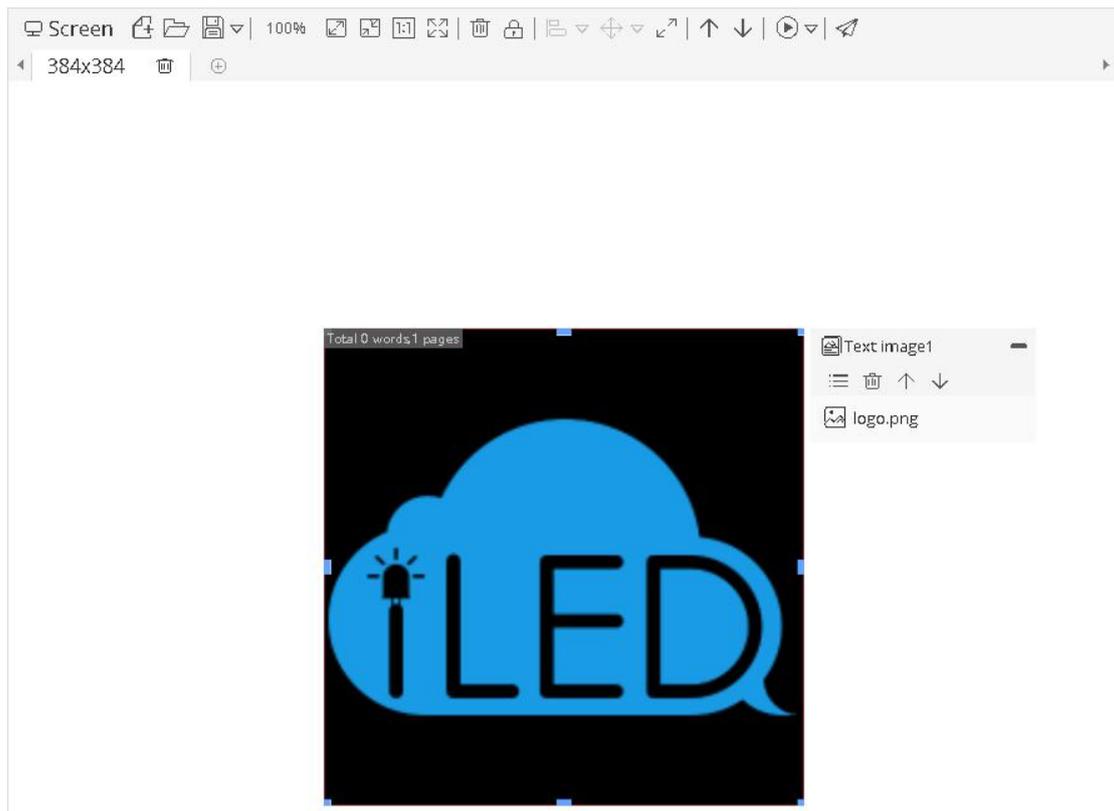
picture 5.3-5

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)
100%	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.



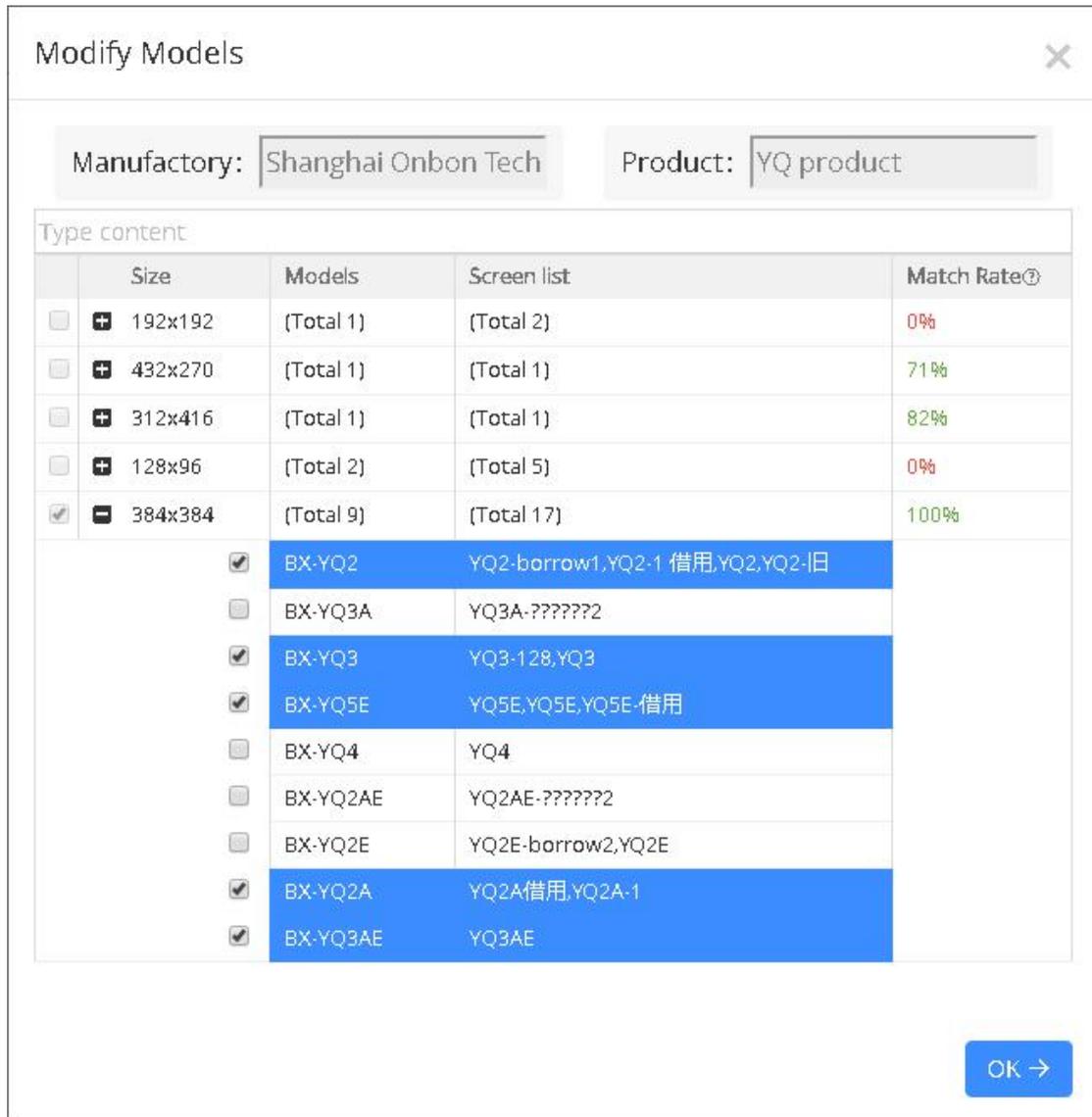
picture 5.3-8

---

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.

Sent list: Single program list -- inform[1 programs] ✕

Usable  Name  Location  Comment  🔍 🔄

<input type="checkbox"/>	ID	Name	Width	Height	Location	Status	Comment
<input type="checkbox"/>	Group: (6) <span style="color: red;">Select screens</span>						
<input checked="" type="checkbox"/>	585	YQ2A-1	384	384	苏州市	Online; 384x384:100%	
<input type="checkbox"/>	437	YQ3AE	384	384	江苏省苏州市姑苏区	Offline; 384x384:100%	
<input type="checkbox"/>	573	YQ2	384	384		Offline; 384x384:100%	
<input type="checkbox"/>	584	YQ5E	384	384		Offline; 384x384:100%	
<input type="checkbox"/>	592	YQ5E-借用	384	384		Offline; 384x384:100%	
<input type="checkbox"/>	593	YQ2A-1	432	270		Offline; 384x384:70%	
<input type="checkbox"/>	Group:YQ系列 (2)						
<input type="checkbox"/>	325	YQ3	384	384	江苏省苏州市江	Offline; 384x384:100%	
<input type="checkbox"/>	589	YQ2-旧	384	384		Offline; 384x384:100%	
<input type="checkbox"/>	Group:姑苏区 (1)						

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Page 1 of 1
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10
View 1 - 9 of 9

Multi pages selection. Selected: 1

Advanced options 
← Previous step
Release →

picture 5.3- 11

Sent list: Single program list -- inform[1 programs] ✕

All   
 Name    
 Location    
 Comment    
  

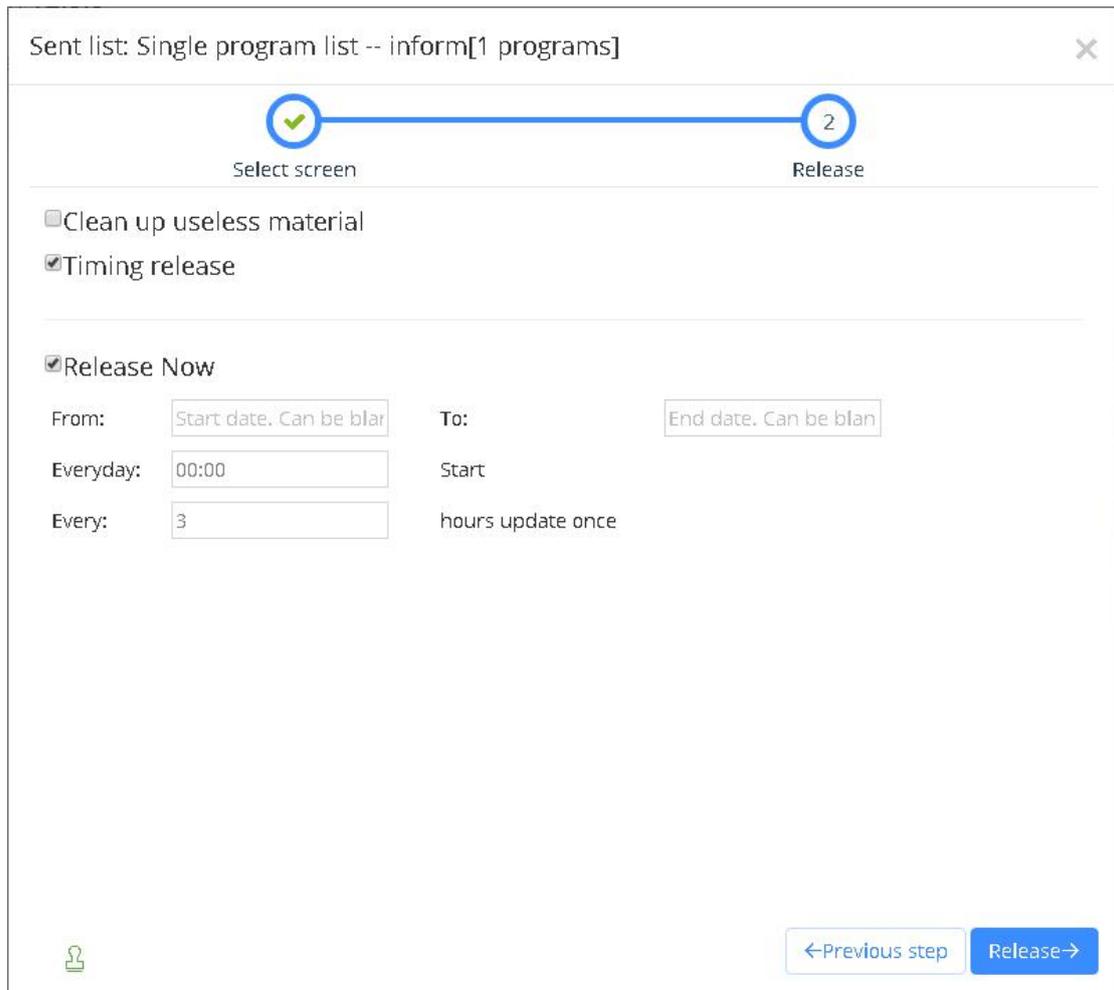
<input type="checkbox"/>	ID	Name	Width	Height	Location	Status	Comment
▼ Group: (10)							
<input type="checkbox"/>	585	YQ2A-1	384	384	苏州市	Online; 384x384:100%	
<input type="checkbox"/>	437	YQ3AE	384	384	江苏省苏州市姑苏区	Offline; 384x384:100%	
<input type="checkbox"/>	573	YQ2	384	384		Offline; 384x384:100%	
<input type="checkbox"/>	584	YQ5E	384	384		Offline; 384x384:100%	
<input type="checkbox"/>	592	YQ5E-借用	384	384		Offline; 384x384:100%	
<input type="checkbox"/>	593	YQ2A-1	432	270		Offline; 384x384:70%	
<input type="checkbox"/>	369	YQ2E	384	384	上海市上海市上海	the package has expired	
<input type="checkbox"/>	374	6Q3借用	384	384	江苏省苏州市江苏	the package has expired	
<input type="checkbox"/>	388	6E2-test	128	32	苏州	the package has expired	
<input type="checkbox"/>	389	测试6E1	128	32	江苏省苏州市	the package has expired	

  
  
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View 1 - 10 of 95

Multi pages selection. Selected: 0

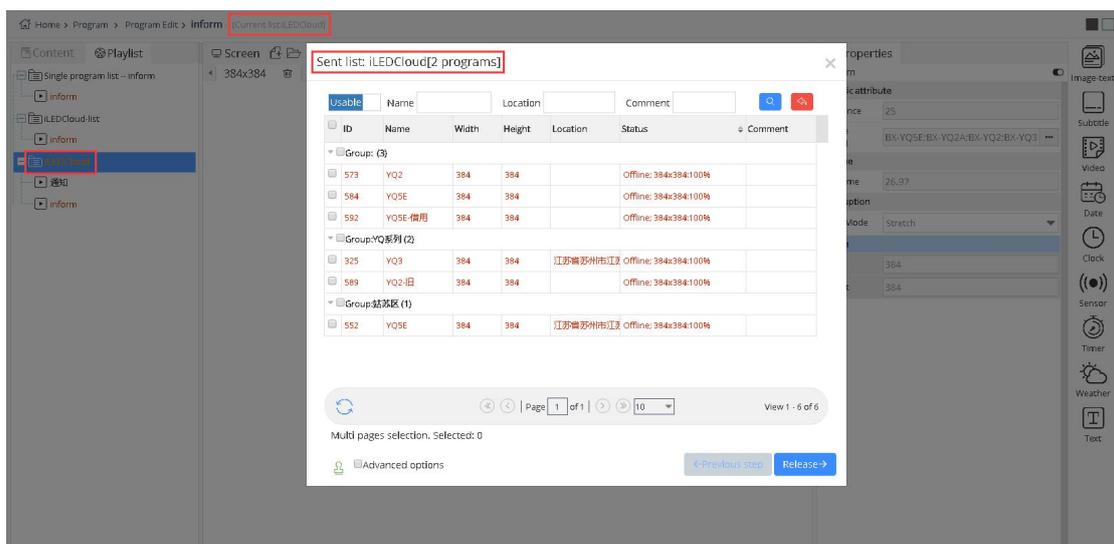
Advanced options   
  

picture 5.3- 12



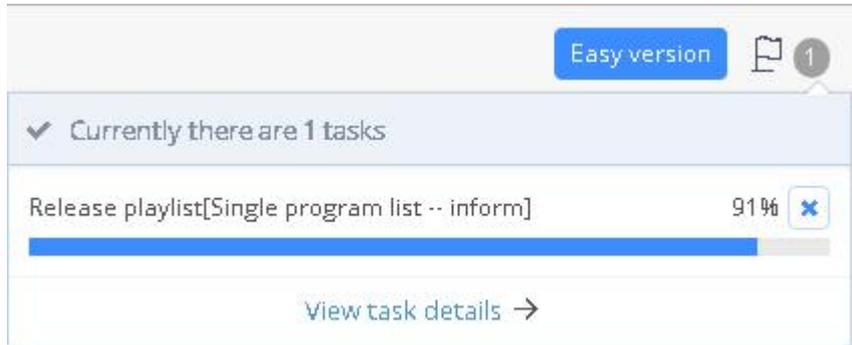
picture 5.3-13

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

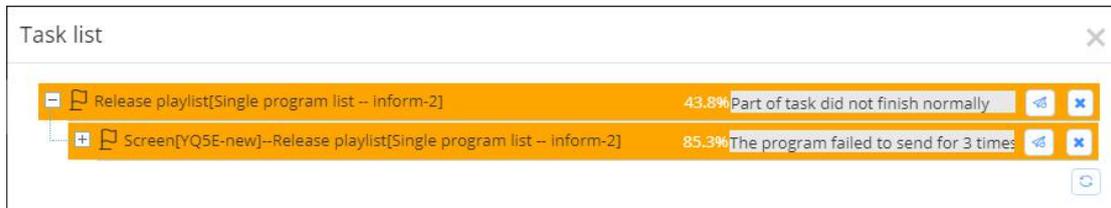
After finishing the program release wizard, you can check the release process in the top right corner of the page view as shown in picture 5.3- 15, Now, iLEDCloud can be used to release, to operate as to create the releasing task for both online or offline screen, like picture 5.3- 16. For online screen, 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

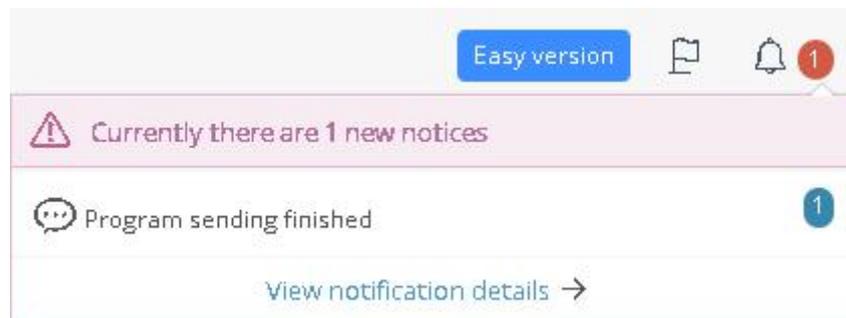


picture 5.3- 16



picture 5.3- 17

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



picture 5.3- 18

Read	Type	Content	Time
No	Program sending finished	Task [Screen task [YQ2-new]-Release playlist[Single program --inform]]state:Success	2017/06/28 09:27:24

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 program 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 than 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

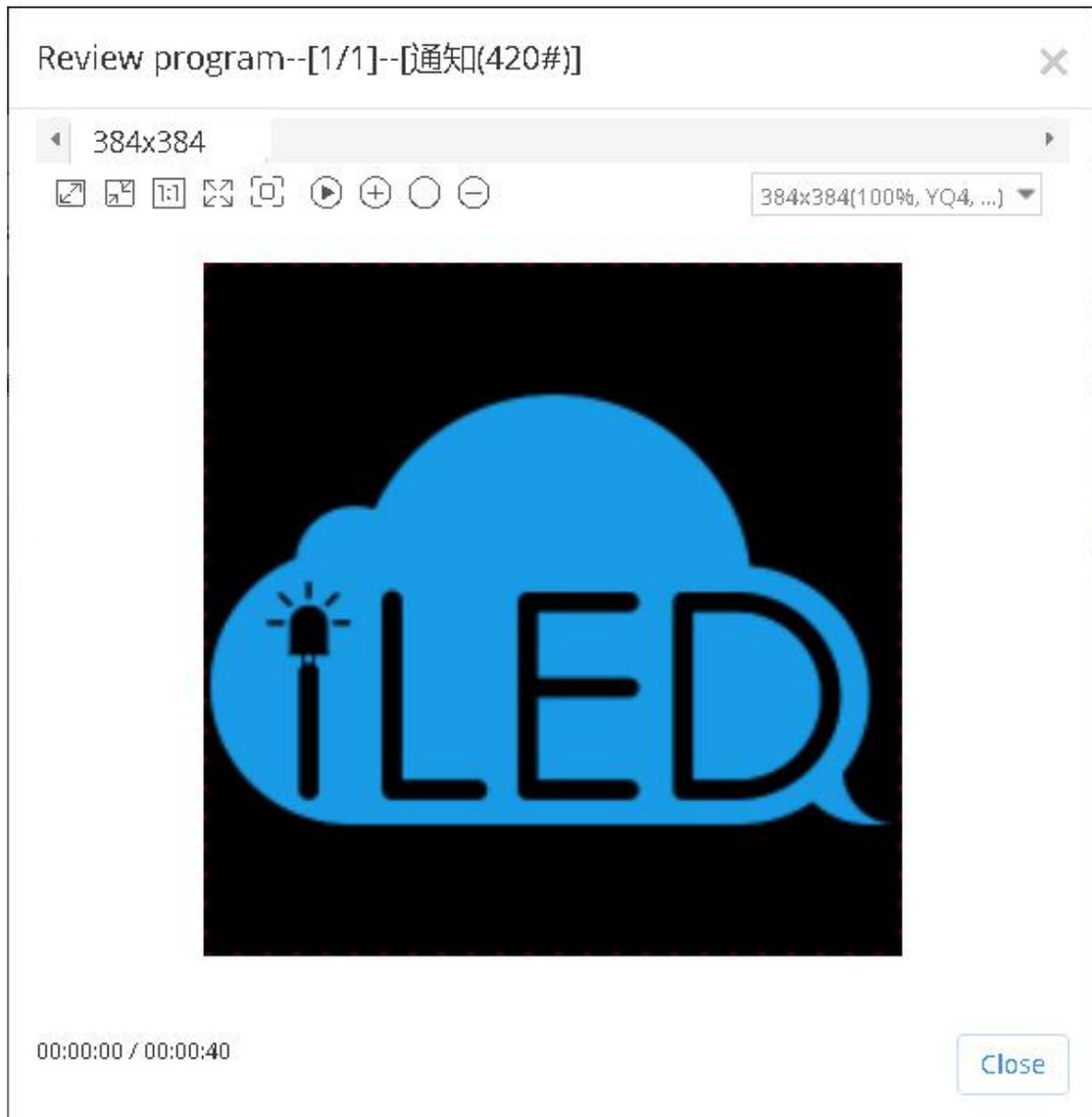
User can view all program from program management as shown in the picture 5.3-20, there is some button notes like in the table 5.3-3.

id	Sequence	Name	Device model	Draw Board	Type	Creator	Create time	Editor	Edit time	Release status	Operation
2786	1	190509-测试	BX-YQ2:BX-YQ3A:BX-YQ3:BX	384x384	Multimedia	陈涛	2019/05/09 09:18:24	陈涛	2019/05/09 09:18:24	Released	
2784	100	炫彩文字	BX-Y2:BX-Y2L	384x384	Multimedia	hidisp用户	2019/05/08 10:49:14	hidisp用户	2019/05/08 10:49:14	Not released	
2783	112	190506-视频转换	BX-YQ2:BX-YQ3A:BX-YQ3:BX	384x384	Multimedia	超级管理员	2019/05/06 15:15:25	TQ	2019/05/06 14:53:22	Released	
2782	372	海陆0505	BX-Y3	720x360	Multimedia	business_admin	2019/05/05 13:20:02	business_admin	2019/05/05 13:20:02	Released	
2780	678	test-1-Program1	YQ product	384x384	Easy version	超级管理员	2019/04/30 13:33:40	超级管理员	2019/04/30 13:33:40	Not released	
2778	83	asdasda	BX-Y2:BX-Y2L:BX-Y3	384x384	Multimedia	p123	2019/04/29 09:39:12	p123	2019/04/29 09:58:40	Released	
2777	89	YQ-天气分区-0423-节目3	YQ product	384x384	Easy version	hidisp用户	2019/04/29 09:25:10	hidisp用户	2019/04/29 09:46:17	Released	
2776	79	edsofsgsfsgds	BX-Y2:BX-Y2L:BX-Y3	384x384	Multimedia	p123	2019/04/29 09:13:18	p123	2019/04/29 09:13:18	Released	
2775	91	YQ-天气分区-0423-节目2	YQ product	384x384	Easy version	hidisp用户	2019/04/28 18:00:16	hidisp用户	2019/04/29 09:46:16	Released	
2774	678	111111-节目1	6th product	128x80	Easy version	超级管理员	2019/04/25 10:57:35	超级管理员	2019/04/25 10:57:35	Not released	

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

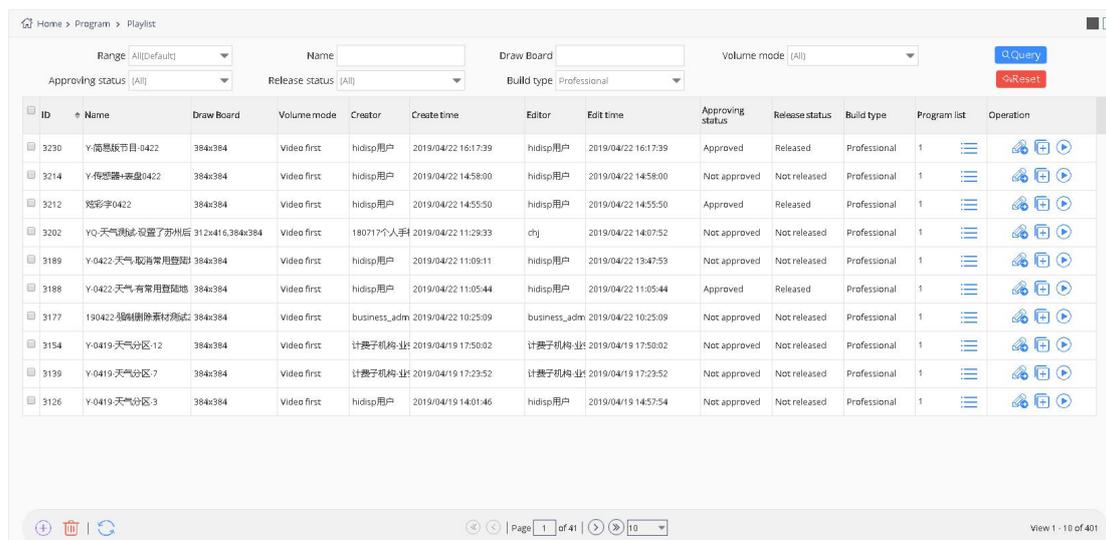
### 5.3.2.1 Pre set program

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.

ID	Program	Play mode	Time length(sec)	Start date	End date	Start time	End time	Week	Operation
24770	通知(420)	Fixed times	1			00:00:00	23:59:59	Monday,Tuesda	
24771	inform(374)	Fixed times	1			00:00:00	23:59:59	Monday,Tuesda	

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 drawing board and program types.

Edit program list guide

1 Playlist information      2 Select program      3 Select screens

Name: iLEDCloud \*

Draw Boards: 384x384 \*

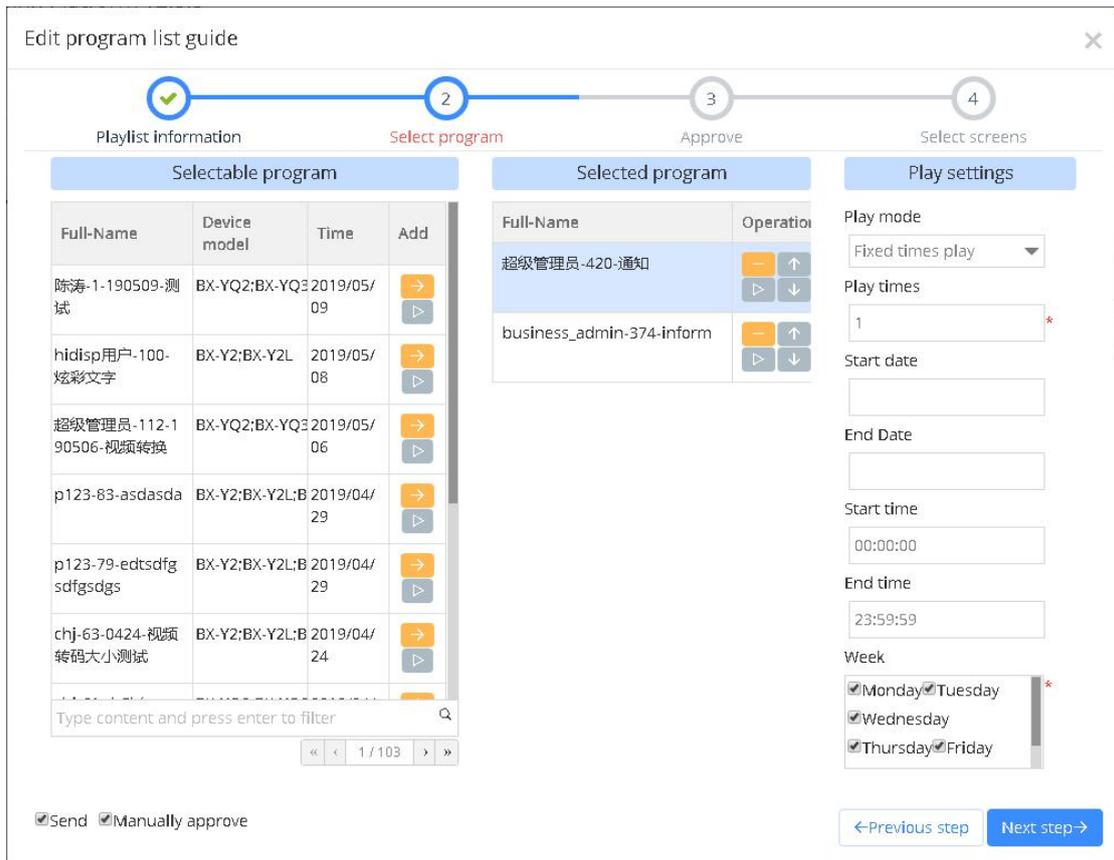
Program Class: Multimedia \*

Audio mode: Video priority \*

← Previous step    Next step →

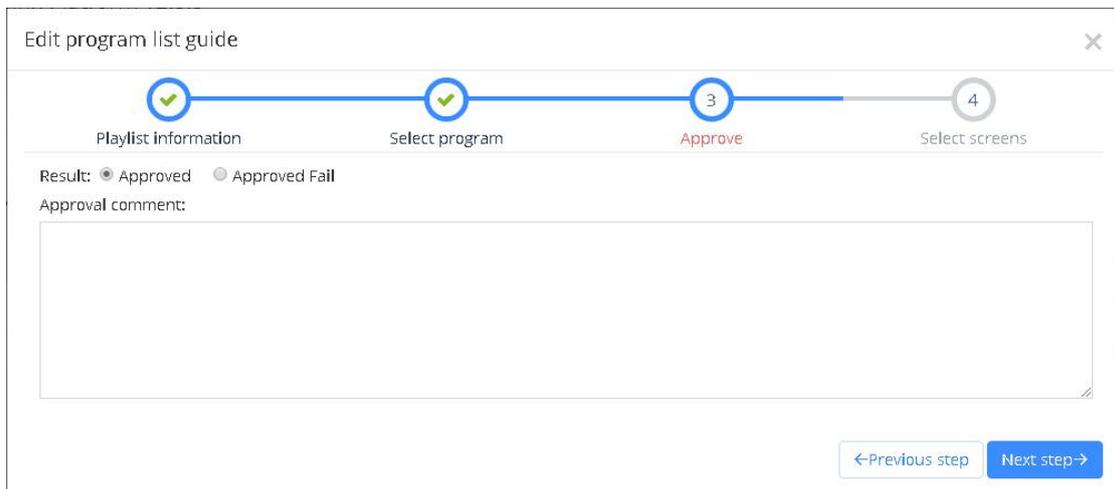
picture 5.3-24

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.

Edit program list guide ✕

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✔
4

Playlist information
Select program
Approve
Select screens

Usable   
 Name    
 Location    
 Comment    

ID	Name	Type	Width	Height	Location	Status	Comment
▼ Group: (3)							
<input type="checkbox"/> 573	YQ2	LED	384	384		Offline; 384x38	
<input type="checkbox"/> 584	YQ5E	LED	384	384		Offline; 384x38	
<input type="checkbox"/> 592	YQ5E-借用	LED	384	384		Offline; 384x38	
▼ Group:YQ系列 (2)							
<input type="checkbox"/> 325	YQ3	LED	384	384	江苏省苏州市江苏省苏州	Offline; 384x38	
<input type="checkbox"/> 589	YQ2-旧	LED	384	384		Offline; 384x38	
▼ Group:姑苏区 (1)							
<input type="checkbox"/> 552	YQ5E	LED	384	384	江苏省苏州市江苏省苏州	Offline; 384x38	

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Page 1 of 1
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View 1 · 6 of 6

Multi pages selection. Selected: 0

Advanced options

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.

Edit program list guide ✕

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5

Playlist information
Select program
Approve
Select screens
Send

Clean up useless material  
 Timing release

Release Now

From:    
 To:

Everyday:    
 Begin

Every:    
 hours update once

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

Name	Creator	Create time	Editor	Edit time	Approving status	Approving comment	Release status	Build type	Professional	Program list	Operation
YQ附件测试_384_列级附件	business_admin	2019/03/13 16:20:51	business_admin	2019/05/13 11:22:07	Not approved	(自动审核通过)	Not released	Professional	10		
19042-强密码删除测试2	business_admin	2019/04/22 10:25:09	business_admin	2019/04/22 10:25:09	Not approved		Not released	Professional	1		
190417-当前播放内容测试2	business_admin	2019/04/17 14:37:08	business_admin	2019/04/17 14:37:08	Approved	(自动审核通过)	Released	Professional	2		
190417-当前播放内容测试	business_admin	2019/04/17 14:36:07	business_admin	2019/04/17 14:36:07	Approved	(自动审核通过)	Not released	Professional	2		
190417-空节目测试	business_admin	2019/04/17 13:17:28	business_admin	2019/04/17 13:57:53	Approved	(自动审核通过)	Not released	Professional	1		
190416-文本删除测试2	business_admin	2019/04/16 14:39:57	business_admin	2019/04/16 14:39:57	Approved	(自动审核通过)	Not released	Professional	1		
190412-消息队列数据测试2	business_admin	2019/04/12 14:14:40	business_admin	2019/04/12 14:14:40	Approved	(自动审核通过)	Released	Professional	2		
190402-模拟客户计数器逻辑	business_admin	2019/04/02 09:36:00	business_admin	2019/04/02 09:48:39	Approved	(自动审核通过)	Released	Professional	40		
YQ附件测试_384	business_admin	2019/03/13 16:20:51	编辑管理员	2019/03/18 15:31:14	Not approved	(自动审核通过)	Not released	Professional	9		
190218-YQ播放列表B	business_admin	2019/02/18 16:45:49	chy	2019/03/18 15:38:04	Approved	(自动审核通过)	Released	Professional	3		

picture 5.3- 29

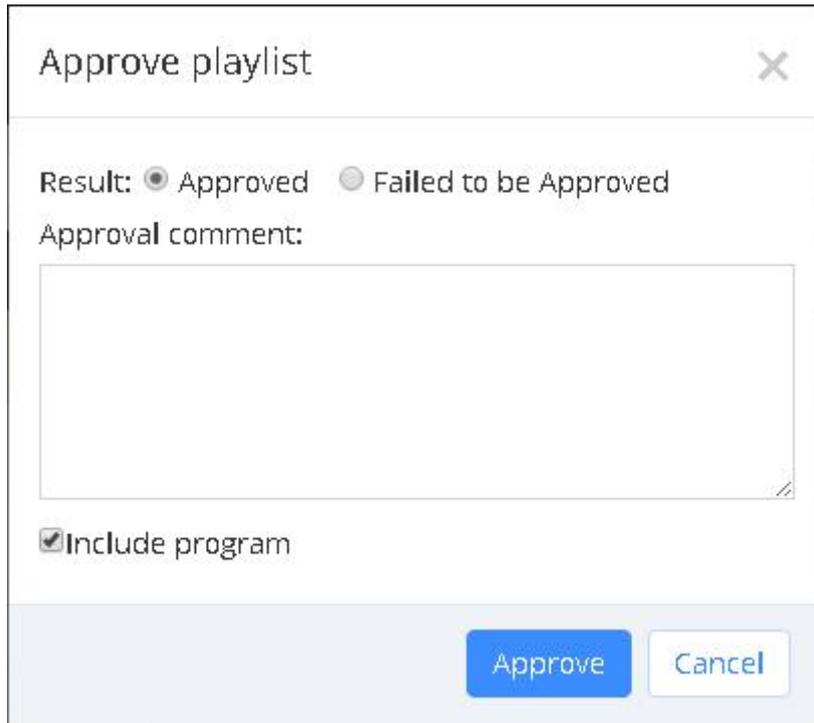
table 5.3-5 program approve function notes

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

Program	Play mode	Play time	Start date	End date	Start time	End time	Week	Play order	Operati
inform(374)	Fixed leng	1	2017/06/22	2027/06/21	00:00:00	23:59:59	Monday,Tues	1	

picture 5.3-30

user can click the button to approve the program by single or multiple as shown in picture 5.3-31 To 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.

Home > Program > Program Release

Range: All[Default] Name: Device model: (All) Query  
 Approving comment: Release status: (All) Build type: (All) Reset

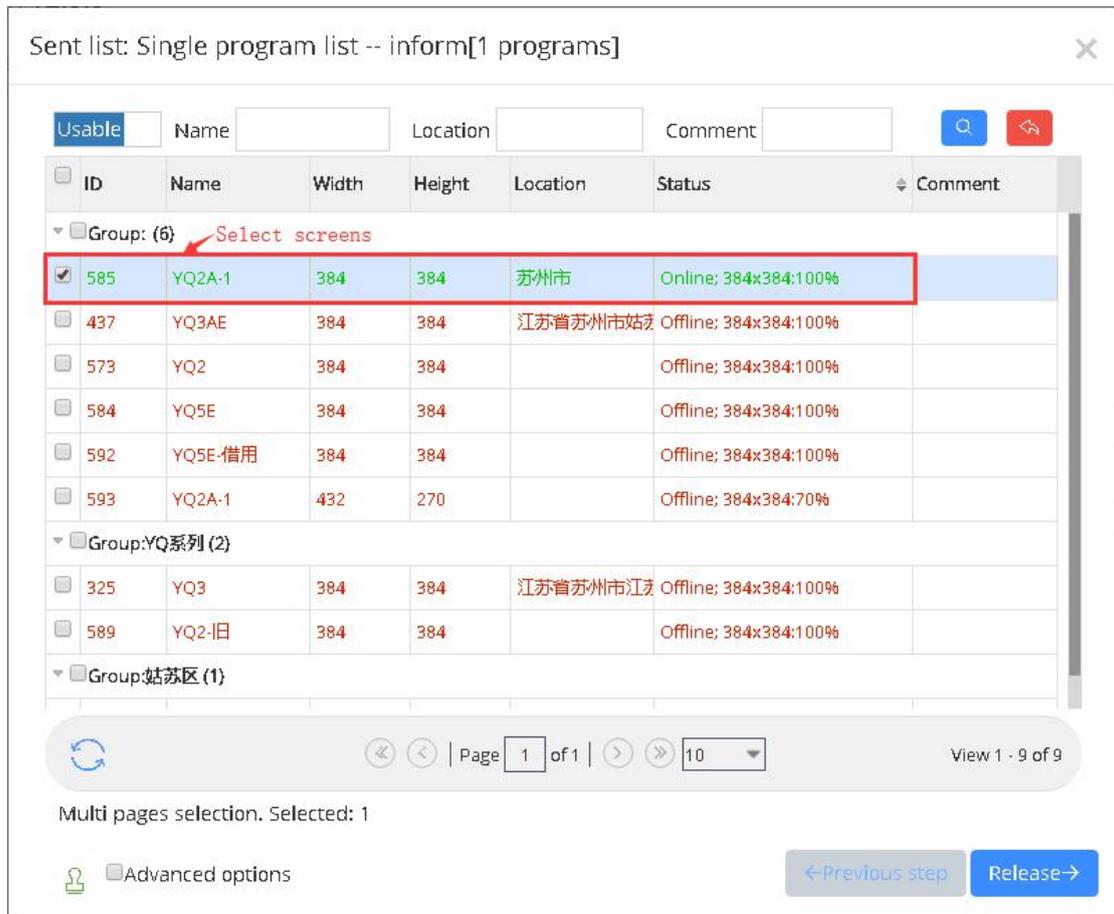
ID	Name	Device model	Creator	Create time	Editor	Edit time	Approving status	Approving comment	Release status	Build type	Program list	Operation
3256	单节目列表-190509-测试	BX-YQ2AEBX-YQ3A	陈涛	2019/05/09 09:18:24	陈涛	2019/05/09 09:18:24	Approved	(自动审核通过)	Released	Auto	1	[Menu] [Preview] [Release]
3253	单节目列表-190506-视频转	BX-YQ2AEBX-YQ3A	超级管理员	2019/05/06 15:15:25	超级管理员	2019/05/06 15:15:25	Approved	(Automatically approved)	Released	Auto	1	[Menu] [Preview] [Release]
3252	单节目列表-海陆505	BX-Y3	business_admin	2019/05/05 13:20:03	business_admin	2019/05/05 13:20:03	Approved	(自动审核通过)	Released	Auto	1	[Menu] [Preview] [Release]
3247	单节目列表-asdada	BX-Y2L-BX-Y2-BX-Y2	p123	2019/04/29 09:39:12	p123	2019/04/29 09:39:12	Approved	(自动审核通过)	Released	Auto	1	[Menu] [Preview] [Release]
3246	单节目列表-edctsfjgfsd	BX-Y2L-BX-Y2-BX-Y2	p123	2019/04/29 09:13:18	p123	2019/04/29 09:13:18	Approved	(自动审核通过)	Released	Auto	1	[Menu] [Preview] [Release]
3244	sss	YQ product	周敏江	2019/04/24 16:44:47	周敏江	2019/04/24 16:44:47	Approved	(自动审核通过)	Not released	Easy	3	[Menu] [Preview] [Release]
3241	单节目列表-0424-视频转码	BX-Y2L-BX-Y2-BX-Y2	chj	2019/04/24 09:32:18	chj	2019/04/24 09:32:18	Approved	(自动审核通过)	Not released	Auto	1	[Menu] [Preview] [Release]
3239	YQ-天气分区-0423	YQ product	hidisp用户	2019/04/23 10:45:58	hidisp用户	2019/04/23 10:45:58	Approved	(自动审核通过)	Released	Easy	3	[Menu] [Preview] [Release]
3238	Y-天气分区-0423	Y product	hidisp用户	2019/04/23 10:25:27	hidisp用户	2019/04/23 10:25:27	Approved	(自动审核通过)	Released	Easy	2	[Menu] [Preview] [Release]
3237	单节目列表-电动车	BX-YQ2AEBX-YQ3A	chj	2019/04/22 18:04:00	chj	2019/04/22 18:04:00	Approved	(自动审核通过)	Not released	Auto	1	[Menu] [Preview] [Release]

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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.



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.

Home > Program > Auto Task

Range: All(Default) Name:  Query Reset

ID	Name	Start date	End date	Start time	Interval time(hour)	Creator	Create time	Current status	Last execution starts time	Last execution ends time	Operation
7	自动定时发布: 播放列表【Sing			15:00:00	3	超级管理员	2019/04/03 11:43:23	运行结束: 节目播放成功。	2019/04/04 18:00:06	2019/04/04 18:00:11	
6	自动定时发布: 播放列表【Eq总	2019/03/25	2019/03/25	17:28:00	3	wyk1	2019/03/25 17:26:27	运行结束: 节目播放成功。	2019/03/26 05:29:01	2019/03/26 08:50:22	
1	自动定时发布: 播放列表【静			00:00:00	1	超级管理员	2019/03/08 09:56:21				

Page 1 of 1 | View 1 - 3 of 3

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.

Home > Bulletin > Bulletin Create

Bulletin List SAAS

Name	Status	Operation	Order	Bulletin Name	Start date	End date	Start time	End time	Create time	Creator	Status	Content	Operation
181219	*		1	公告1	2018/12/19	2028/12/19	00:00:00	23:59:59	2018/12/19 11:25:28	business_admin	Approved	天气1234567890ABCDEF0123456789	
180823-用户社区为GMT+9	*												
UTC时间模式公告测试	*												
Y系列公告	*												
171017-1	*												
171017	*												
170928	*												
def	*												
abc	*												

View 1 - 1 of 1

picture 5.4-1

table 5.4- 1 bulletin management button and notes

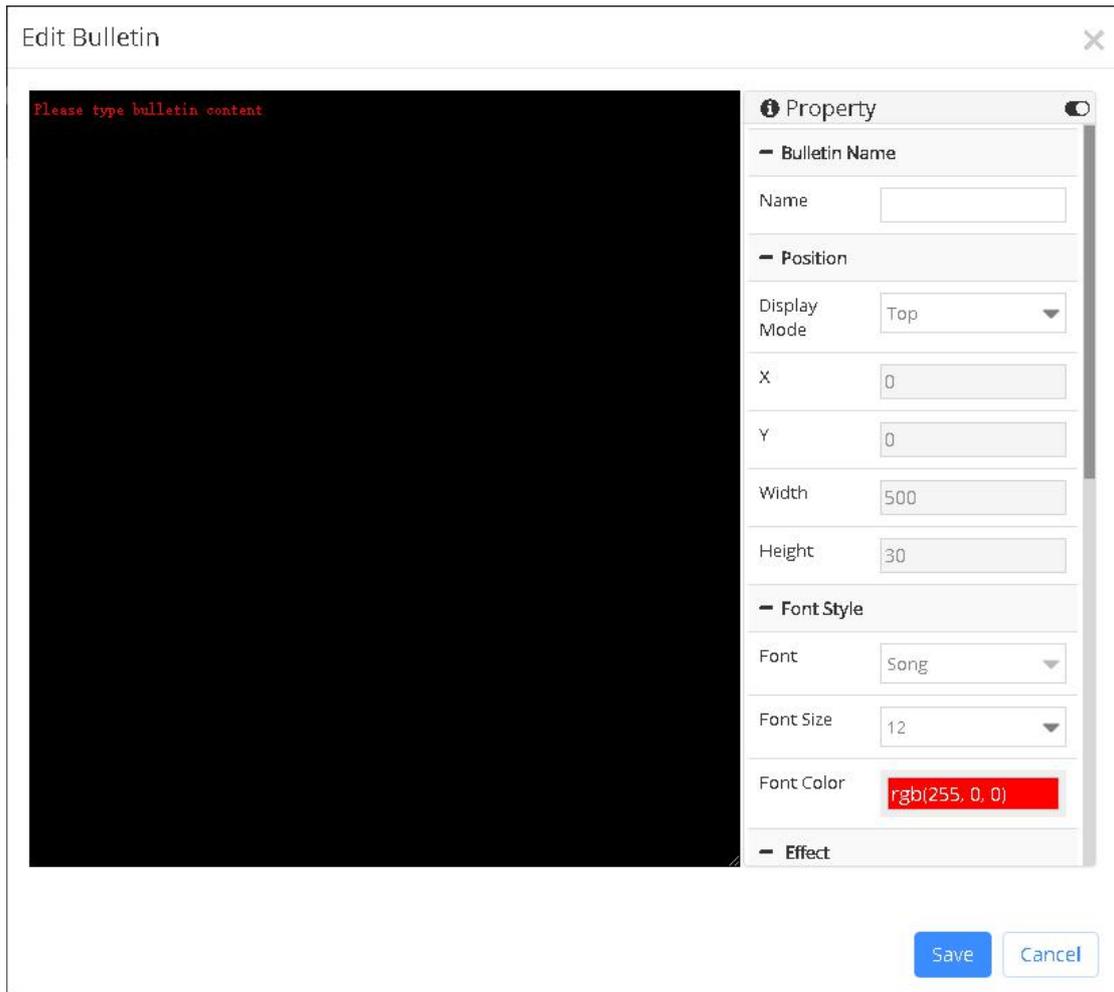
Button	Function
	Bulletin release button, click to display the screen page on line, after users select it ,then can finish the bulletin release.
	Clean bulletin button ,click to display the online screen pages ,after users select it, then can clean the bulletin list.

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.

Home > Bulletin > Bulletin Approve

Bulletin List			Order	Bulletin Name	Start date	End date	Start time	End time	Create time	Creator	Status	Content	Operation
Name	Status	Operation	1	公告1	2018/12/19	2028/12/19	00:00:00	23:59:59	2018/12/19 11:25:28	business_admin	Approved	天气1234567890ABCDEFGHIJKLMN	
181219	●	🗑️											
180822	●	🗑️											
UTC时间模式公告测试	●	🗑️											
Y系列公告	●	🗑️											
171017-1	●	🗑️											
171017	●	🗑️											
170928	●	🗑️											
def	●	🗑️											
abc	●	🗑️											

View 1 - 1 of 1

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.

Name	Status	Order	Bulletin Name	Start date	End date	Start time	End time	Create time	Creator	Status	Content
181219	★	1	公告1	2018/12/19	2028/12/19	00:00:00	23:59:59	2018/12/19 11:25:28	business_admin	Approved	天气1234567890ABCDEFGHIJKLMNOPIJ
180822-用户时区为GMT+9	★										
UTC时间模式公告测试	★										
Y系列公告	★										
171017-1	★										
170928	★										
abc	★										

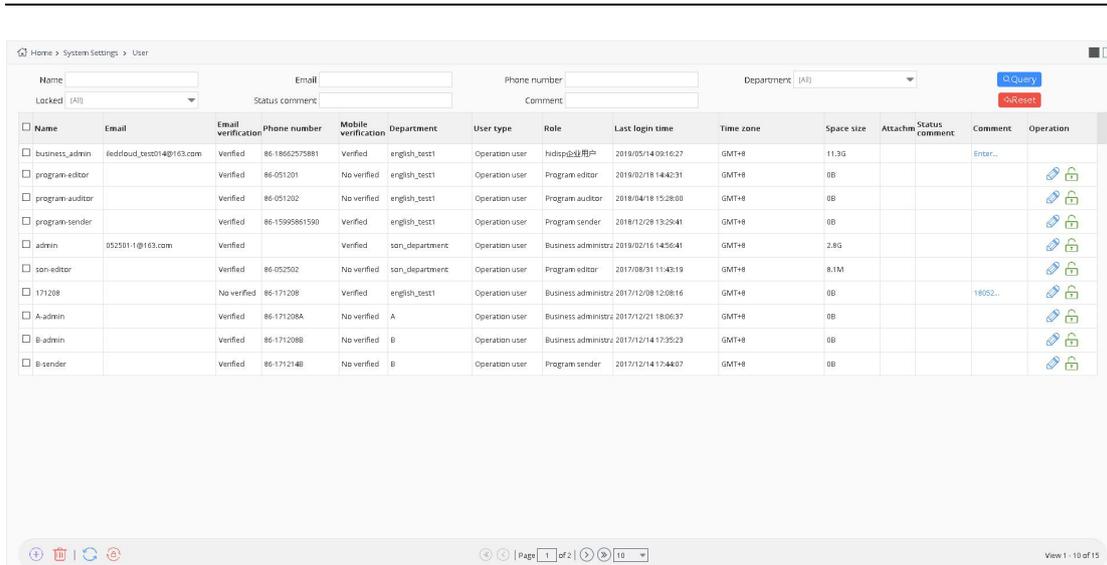
picture 5.4-5

## 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.

The image shows a web form titled "AddUser" with a close button (X) in the top right corner. The form contains the following fields and controls:

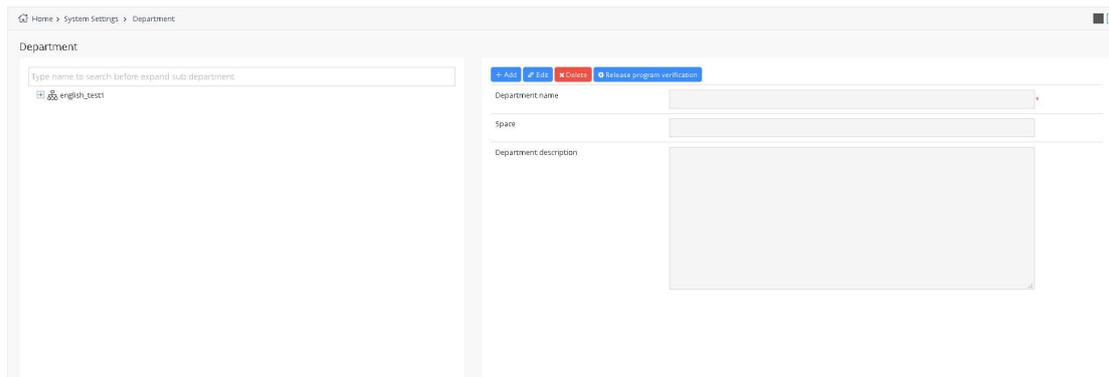
- Name:** A text input field with a red asterisk (\*) indicating it is required.
- Email:** A text input field with a red "Get Verification Code" button to its right. Below the input is a smaller input field with a mobile phone icon.
- Phone number:** A text input field with "86" in a small box to its left and a red "Get Verification Code" button to its right. Below the input is a smaller input field with a mobile phone icon.
- Department:** A dropdown menu with "english\_test1" selected and a red asterisk (\*) indicating it is required.
- Role:** A dropdown menu with "Business administrator" selected and a red asterisk (\*) indicating it is required.
- Status comment:** A text input field.
- Comment:** A larger text area with a small grid icon in the bottom right corner.

At the bottom right of the form are two buttons: a blue "Submit" button with a checkmark icon and a white "Cancel" button with an X icon.

picture 5.5-2

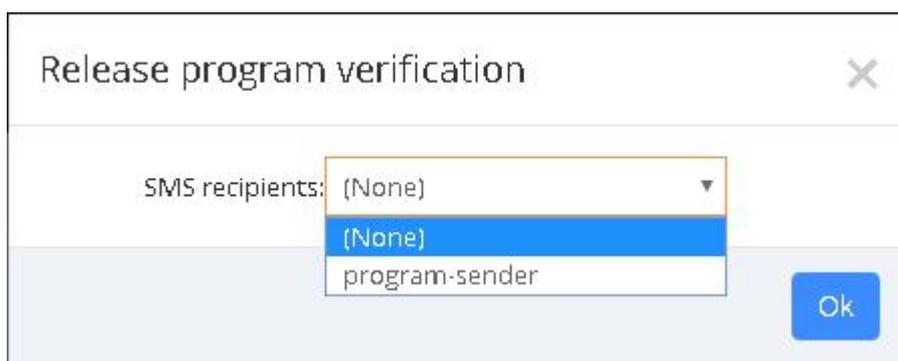
## 5.5.2 Department management

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

Add Record
✕

Role serial number  \*

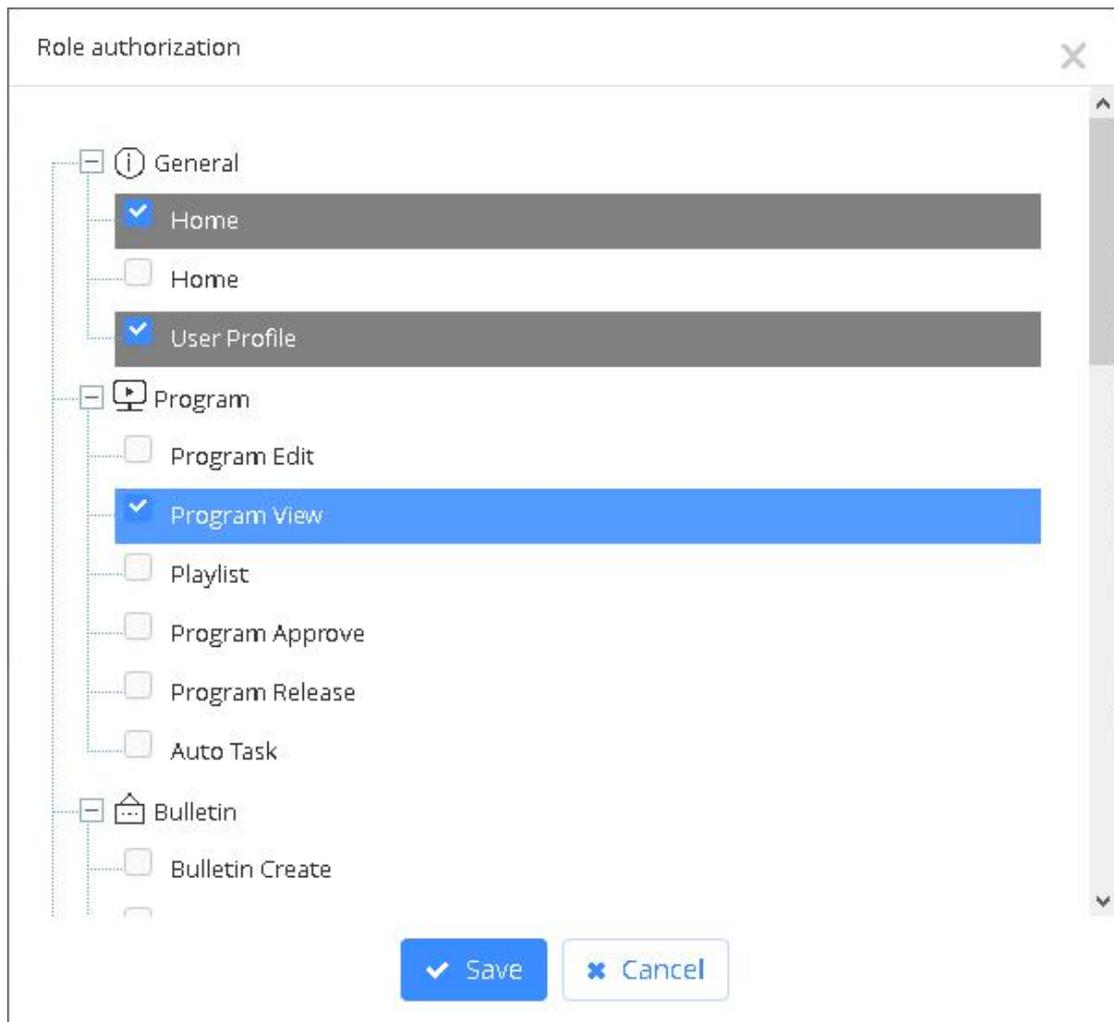
Role name  \*

User type Business user \*

Role comment

✔ Submit
✕ Cancel

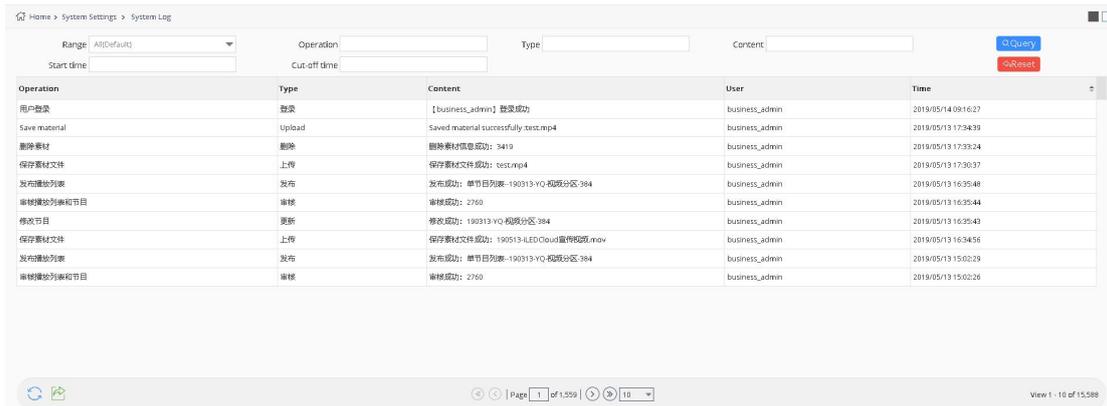
picture 5.5-6



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.



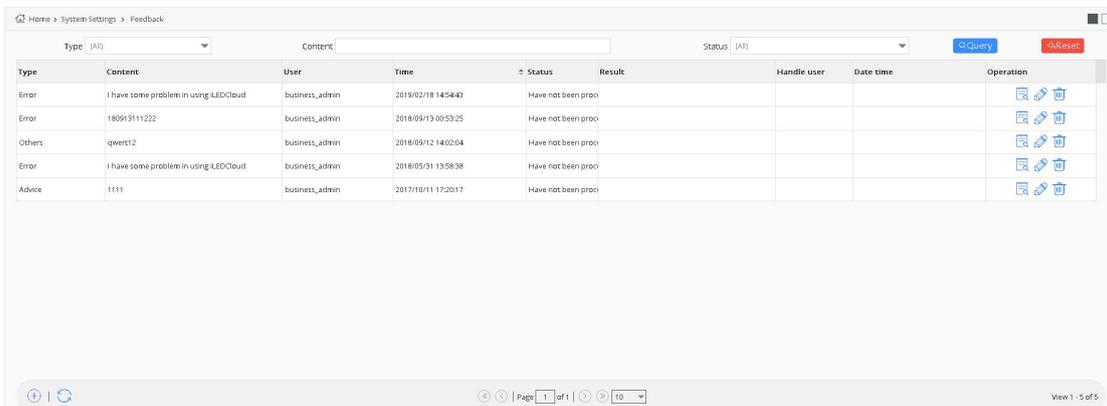
picture 5.5-8

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.

Home > System Settings > Notice

Name:  Type:  Content:  Query Reset

ID	Name	Type	Content	Target user	Is read	Time
32970	Send program notice	Program sending finished	Task:Screen[VQ2A-1]-Release playlist[单节目列表-190506]	超级管理员	No	2019/05/09 14:31:31
32969	Send program notice	Program sending finished	Task:Screen[VQ2A-1]-Release playlist[Single program list-190506]	超级管理员	No	2019/05/09 11:53:56
32968	节目发送通知	节目发送结束	任务: 屏幕 [YQ3AE] - 发布播放列表【单节目列表-190506】	超级管理员	Yes	2019/05/09 09:19:34
32967	任务失败通知	任务失败	任务: 屏幕 [YQ3AE] - 发布播放列表【sss】 状态: 用户与	超级管理员	Yes	2019/05/09 09:14:16
32966	节目发送通知	节目发送结束	任务: 屏幕 [YQ3AE] - 发布播放列表【YQ-天气分区-0423】	超级管理员	Yes	2019/05/08 17:18:59
32965	任务失败通知	任务失败	任务: 屏幕 [YQ3AE] - 发布播放列表【YQ-天气分区-0423】	TO	Yes	2019/05/08 17:16:19
32964	节目发送通知	节目发送结束	任务: 屏幕 [YQ3AE] - 发布播放列表【单节目列表-test04】	计费子机构 业务管理员	Yes	2019/05/08 15:25:25
32963	节目发送通知	节目发送结束	任务: 屏幕 [YQ3AE] - 清理屏幕[YQ3AE]节目 状态: 任务	计费子机构 业务管理员	Yes	2019/05/08 15:23:53
32962	节目发送通知	节目发送结束	任务: 屏幕 [YQ3AE] - 发布播放列表【单节目列表-test04】	计费子机构 业务管理员	Yes	2019/05/08 15:22:51
32961	任务失败通知	任务失败	任务: 屏幕 [YQ3AE] - 发布播放列表【单节目列表-test04】	计费子机构 业务管理员	Yes	2019/05/08 15:21:53

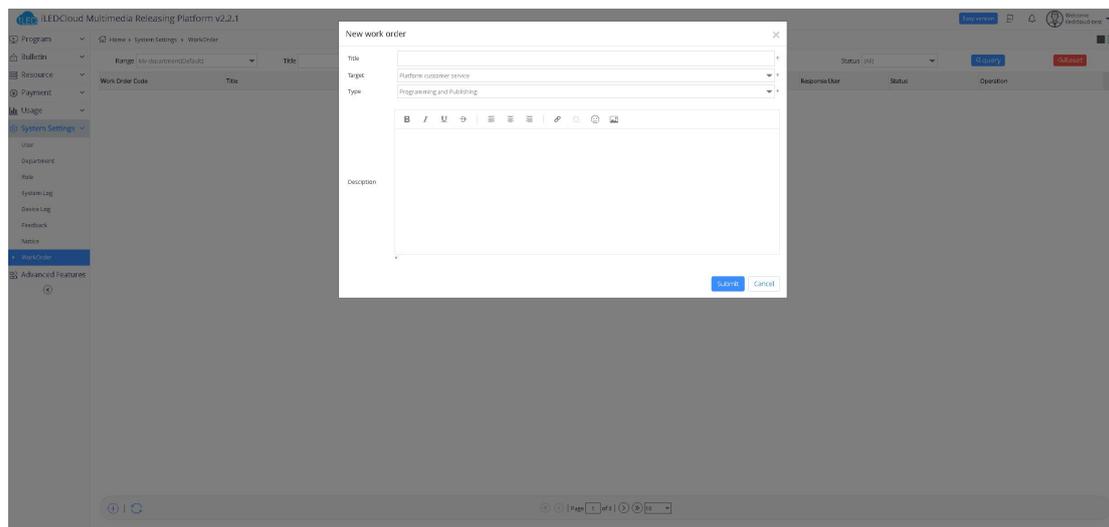
All read Page 1 of 3,297 | 10 View 1 - 10 of 32,970

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.

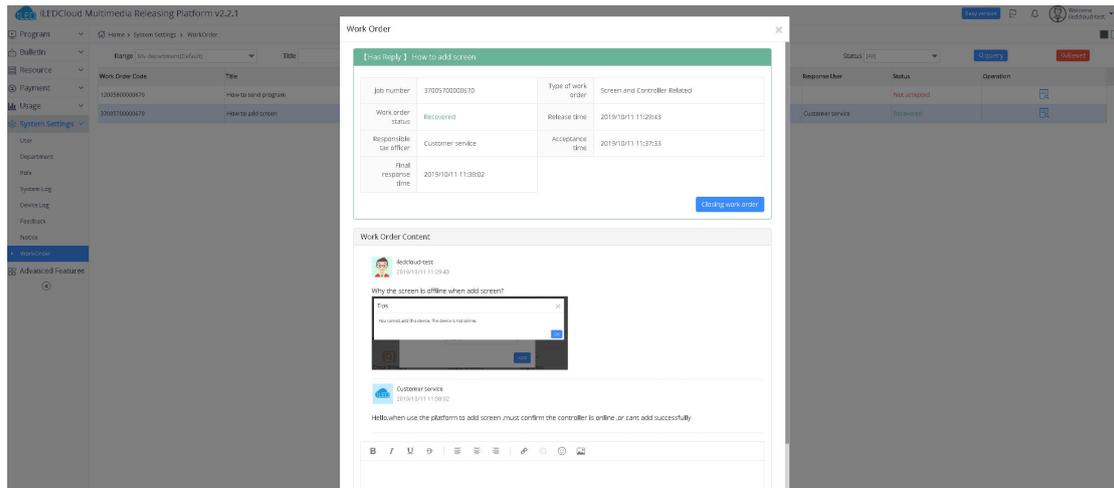
As shown in figure 5.5-11, the user can click the "+" button at the bottom left of the page, enter the title of the work order in the pop-up box, and select the type of work order. Describe in detail the problems or recommendations that arise from using the platform.



Picture 5.5-11

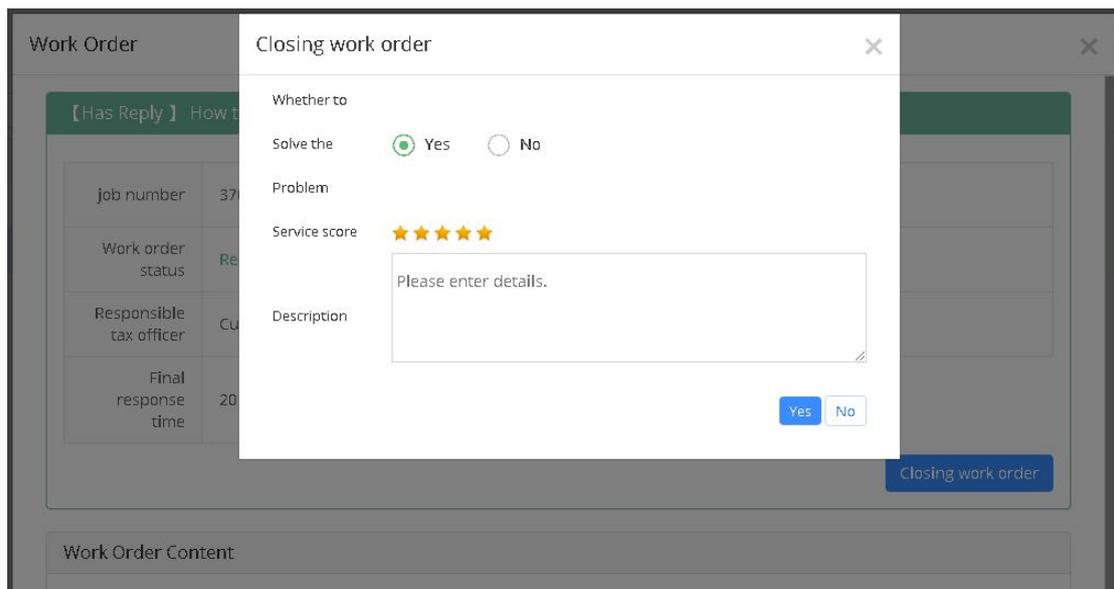
After the platform replies to the work order submitted by the user, the user's bound email or mobile phone will receive a reply reminder notice, and the user can go to my work order page to

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



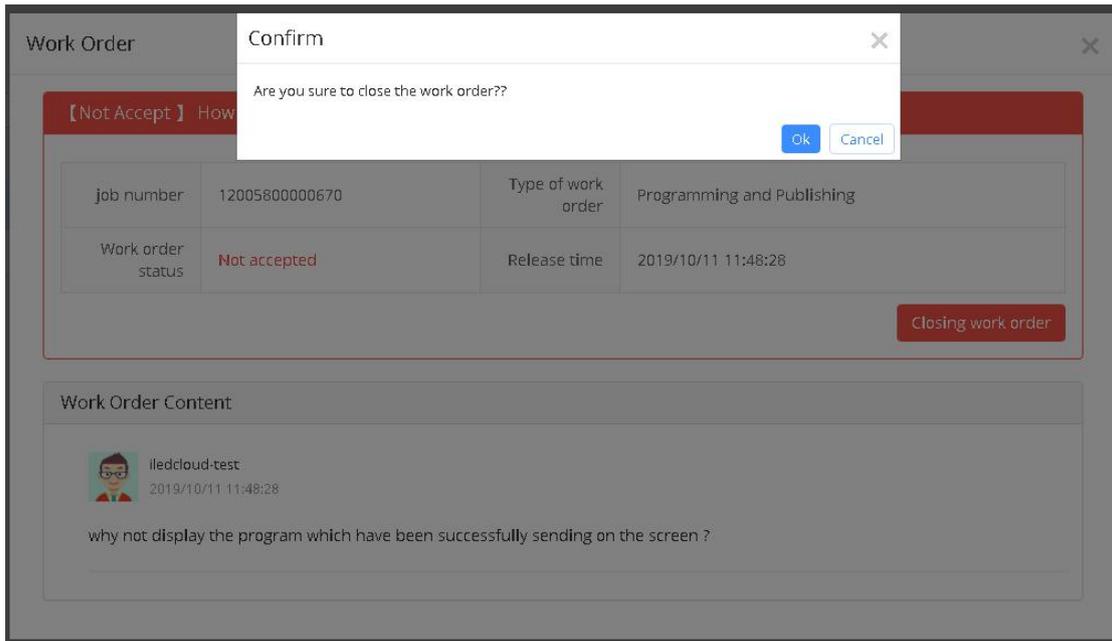
Picture 5.5-12

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 figure 5.5-13



Picture 5.5-13

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

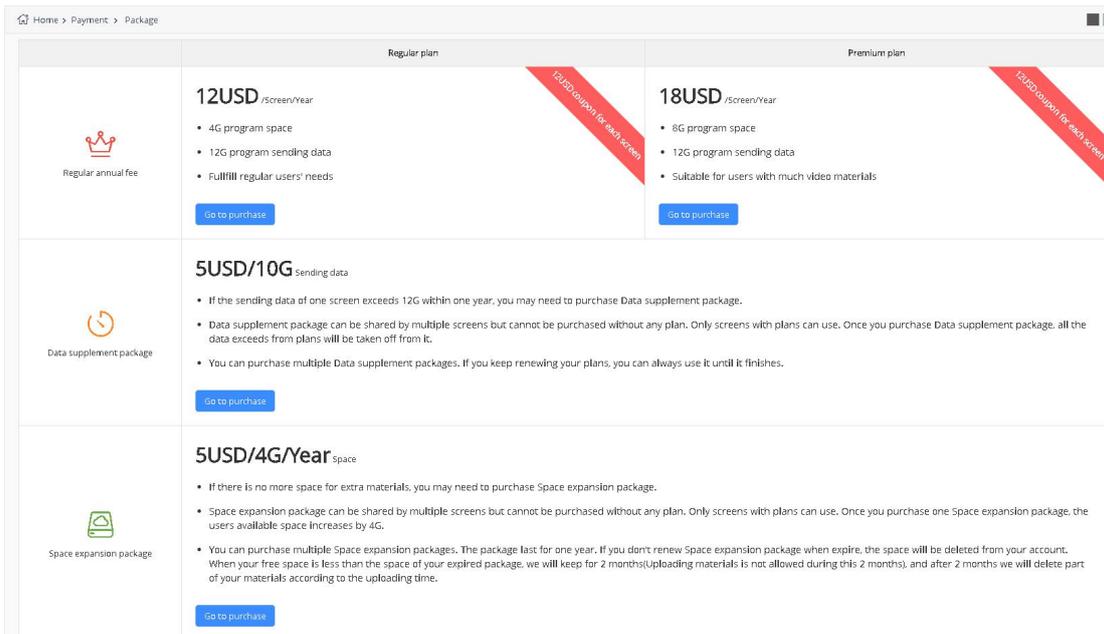


Picture 5.5-14

## 5.6 Payment service

### 5.6.1 Package and service

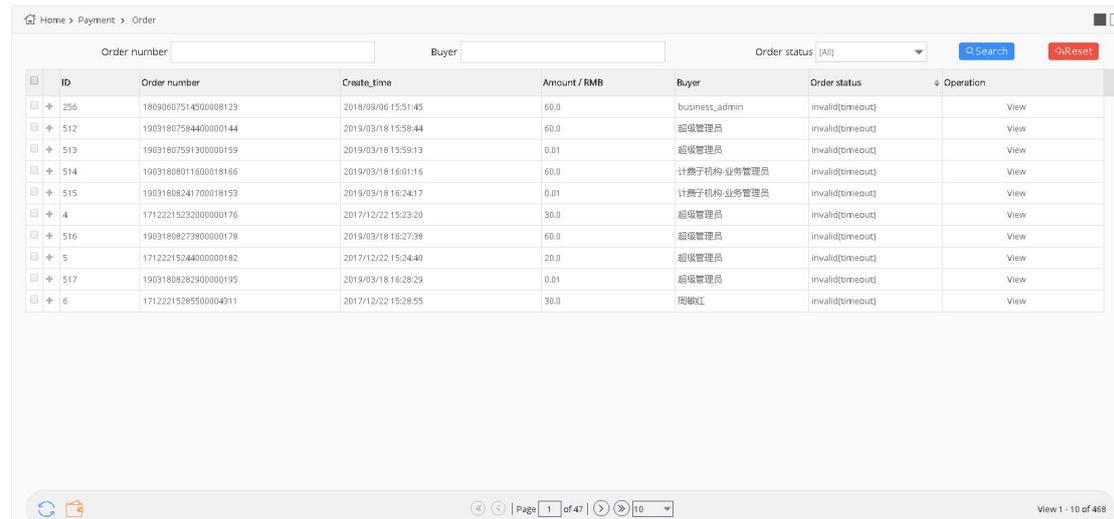
We supply two kinds of package payment terms ,normal package and deep package ,including extend package and other details as shown in picture 5.6- 1.



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.



The screenshot shows a web interface for order management. At the top, there are search filters for 'Order number', 'Buyer', and 'Order status' (set to '[All]'). There are 'Search' and 'Reset' buttons. Below the filters is a table with the following data:

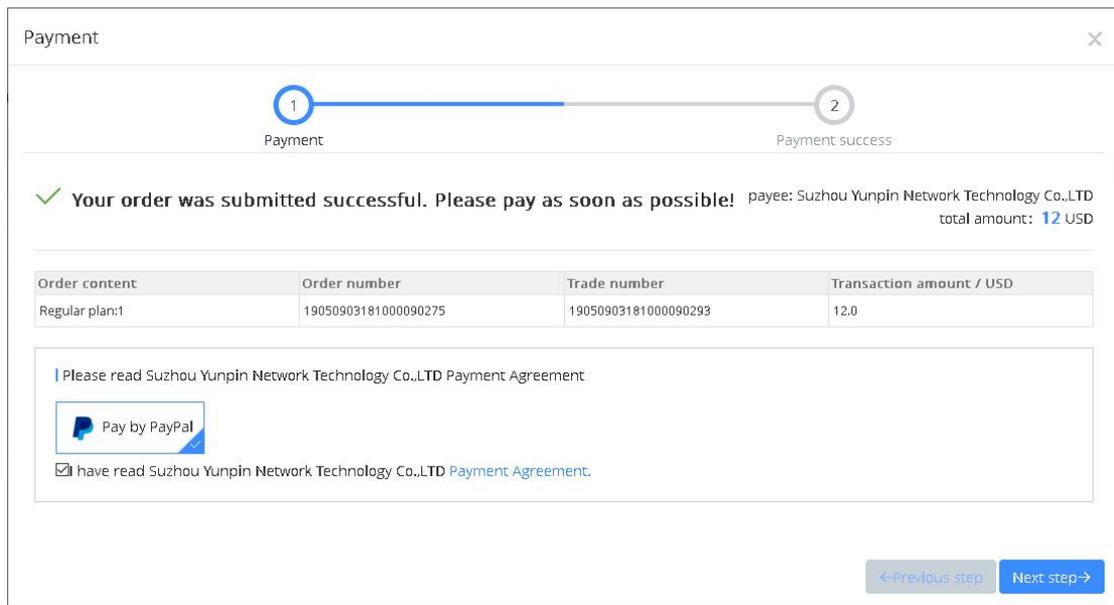
ID	Order number	Create_time	Amount / RMB	Buyer	Order status	Operation
256	18090607514500008123	2018/09/06 15:51:45	60.0	business_admin	invalid(timeout)	View
512	19031807584400000144	2019/03/18 15:58:44	60.0	超级管理员	invalid(timeout)	View
513	19031807591300000159	2019/03/18 15:59:13	0.01	超级管理员	invalid(timeout)	View
514	19031808011600018166	2019/03/18 16:01:16	60.0	计费子机构_业务管理员	invalid(timeout)	View
515	19031808241700018153	2019/03/18 16:24:17	0.01	计费子机构_业务管理员	invalid(timeout)	View
4	17122215232000000176	2017/12/22 15:23:20	30.0	超级管理员	invalid(timeout)	View
516	19031808273800000178	2019/03/18 16:27:38	60.0	超级管理员	invalid(timeout)	View
5	17122215244000000182	2017/12/22 15:24:40	20.0	超级管理员	invalid(timeout)	View
517	19031808282900000195	2019/03/18 16:28:29	0.01	超级管理员	invalid(timeout)	View
6	171222152855000004911	2017/12/22 15:28:55	30.0	周敏江	invalid(timeout)	View

At the bottom of the interface, there is a pagination bar showing 'Page 1 of 47' and a 'View 1 - 10 of 469' indicator.

picture 5.6-2

### 5.6.2.1 Payment

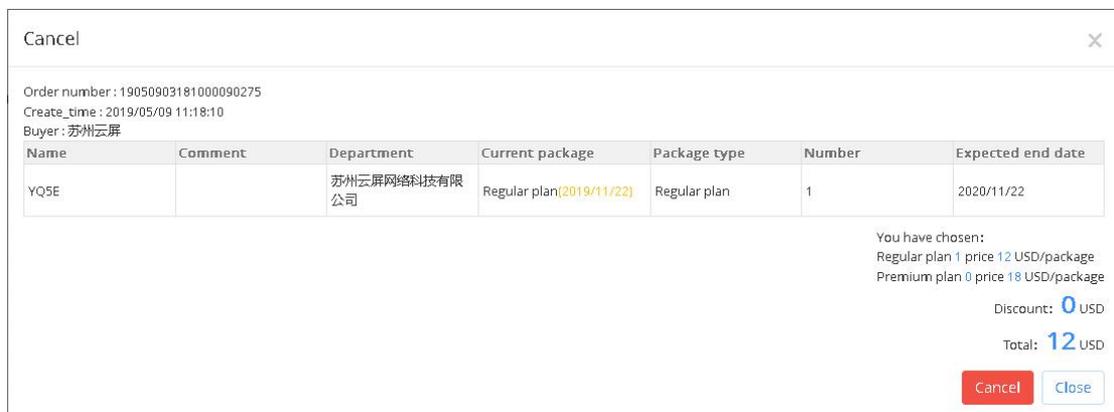
Users only need to click pay button in wait for payment interface ,that pay for the order (Overseas users can pay by PayPal). See picture 5.6-3 When paid successful ,the order status will be updated automatically, the content which has been purchased will be added to the relevant screen or organization.



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 12 hours , then need to order it again.

Order details
✕

Current order status: to be paid, **7Hour45Minute53Second** from order close

- [Click here to pay](#)
- If you don't want to purchase, you can cancel the order

Order number : 19050903181000090275  
 Create\_time : 2019/05/09 11:18:10  
 Buyer : 苏州云屏

Name	Comment	Department	Current plan	Type	Number	Expiration date
YQ5E		苏州云屏网络科技有限公司	Regular plan(2019/11/22)	Regular plan	1	2020/11/22

You have chosen:  
 Regular plan 1 price 12 USD/package  
 Premium plan 0 price 18 USD/package

Discount: **0** USD  
 Total: **12** USD

[Close](#)

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.

Home > Payment > Coupon View
☰

Screen bar code

Status: [All] [Search](#) [Reset](#)

Screen name	Screen bar code	Department	Amount / RMB	Start time	End date	Status
YQ2-1 借用	50004466ED4A000008F000000000AF6	B	60	2019/04/19 00:00:00	2019/05/19 00:00:00	occupied
YQ2-1 借用	50004466ED4A000008F000000000AF6	B	0.01	2018/01/29 00:00:00	2018/03/30 00:00:00	used
YQ3	5000446E0F4B0000003C00000000827E	english_test1	0.01	2018/03/05 00:00:00	2018/05/04 00:00:00	used
Y3-2	CDY3001809130006	english_test1	60	2018/12/13 00:00:00	2019/01/12 00:00:00	used
YQ5E	5000301830A2527863D6B66CCSD2E020	english_test1	60	2018/12/14 00:00:00	2019/01/13 00:00:00	used
YQ2	50004415DB4B000000090000000018E8	english_test1	60	2018/12/17 14:21:12	2019/01/16 14:21:12	used
Y3-1	CDY3001805190008	english_test1	60	2018/12/17 17:16:55	2019/01/16 17:16:55	used
YQ5E-0220	500037480842C37066D6007B2ED2B14F	english_test1	60	2018/12/18 15:20:19	2019/01/17 15:20:19	used
YQ5E-1030	CDYQ5E1710300001	english_test1	60	2018/12/18 16:24:37	2019/01/17 16:24:37	used
Y08 借用	CDY0801811140001	english_test1	60	2018/12/18 17:35:21	2019/01/17 17:35:21	used

Page 1 of 4 View 1 - 10 of 33

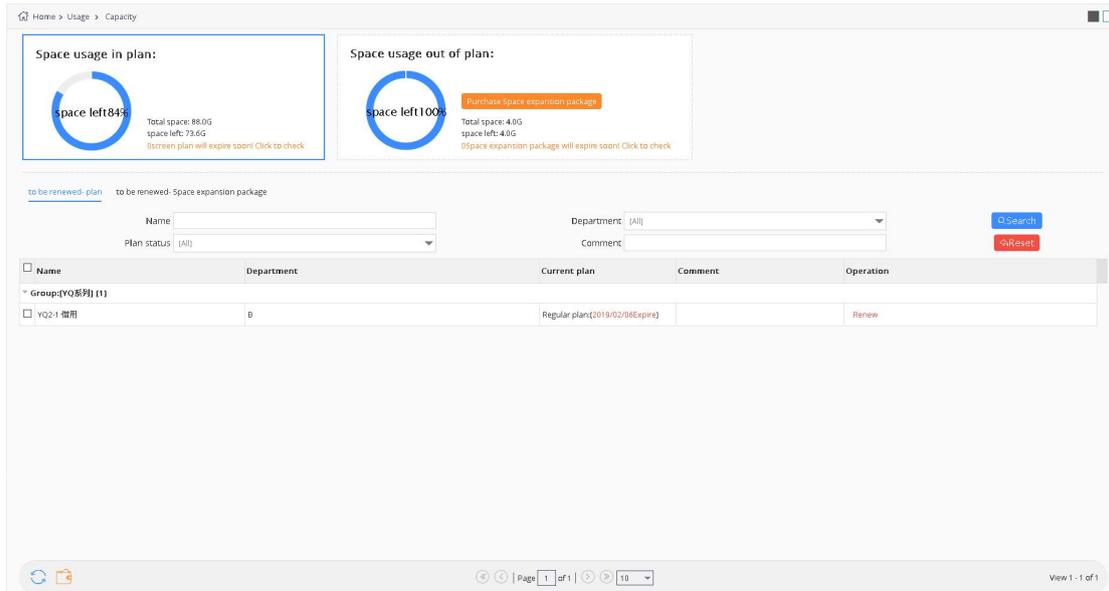
picture 5.6-6

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## 5.7 Usage management

### 5.7.1 Storage management

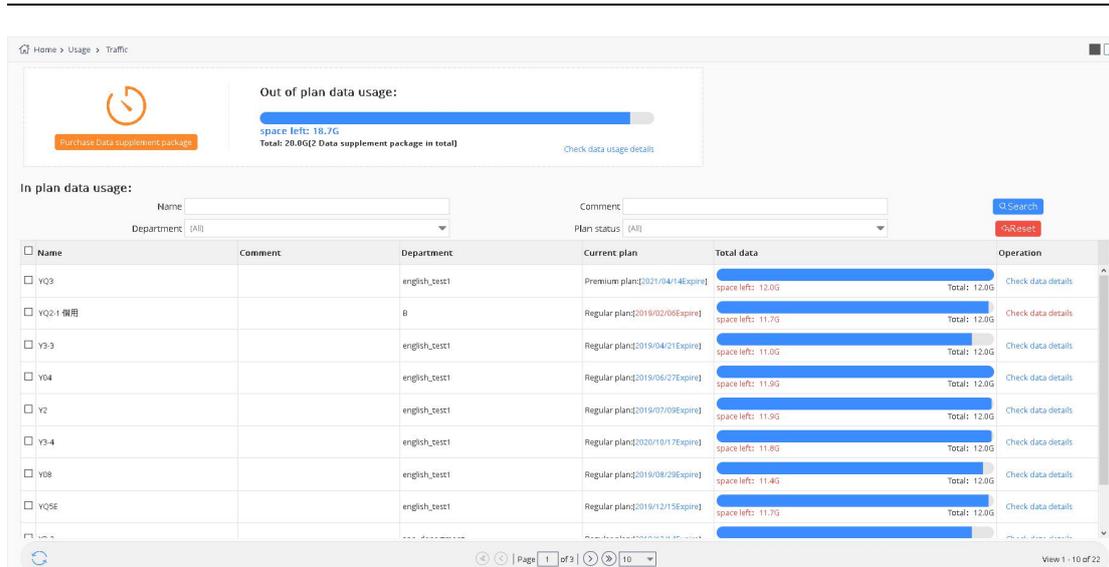
Users can check capacity and the use of the package capacity expansion in storage management interface, and other relevant records, as shown in picture 5.7-1.



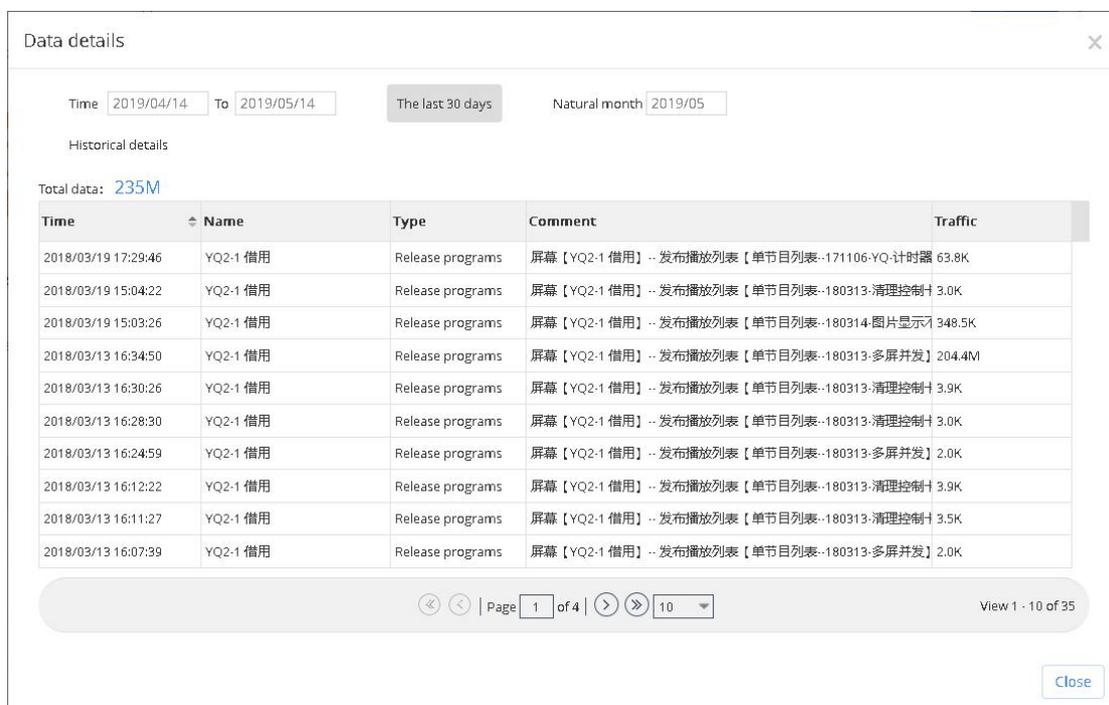
picture 5.7-1

### 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.



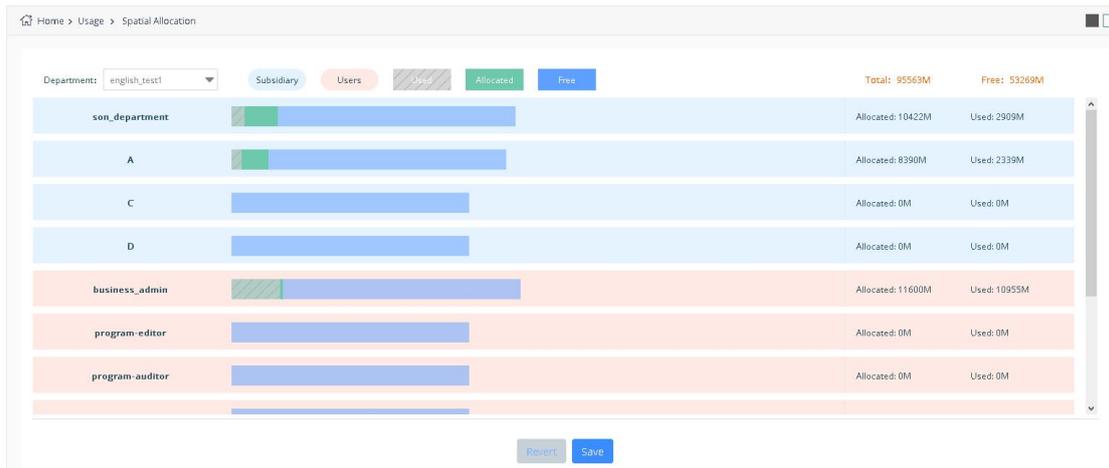
picture 5.7-2



picture 5.7-3

### 5.7.3 Distribute zone

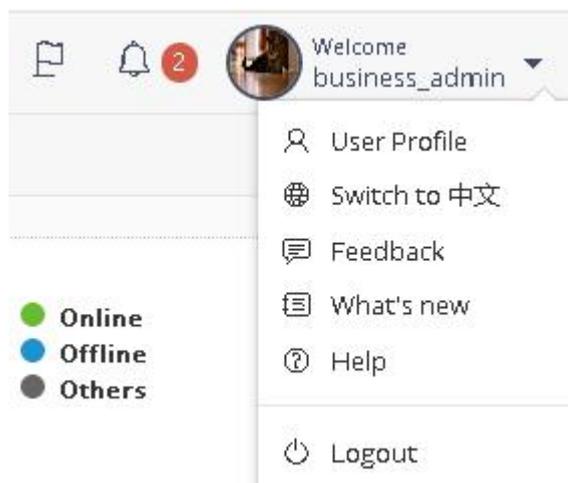
When users finish the payment for package and extend package ,then can go to the current page to distribute the zone as shown in picture 5.7-4.



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.

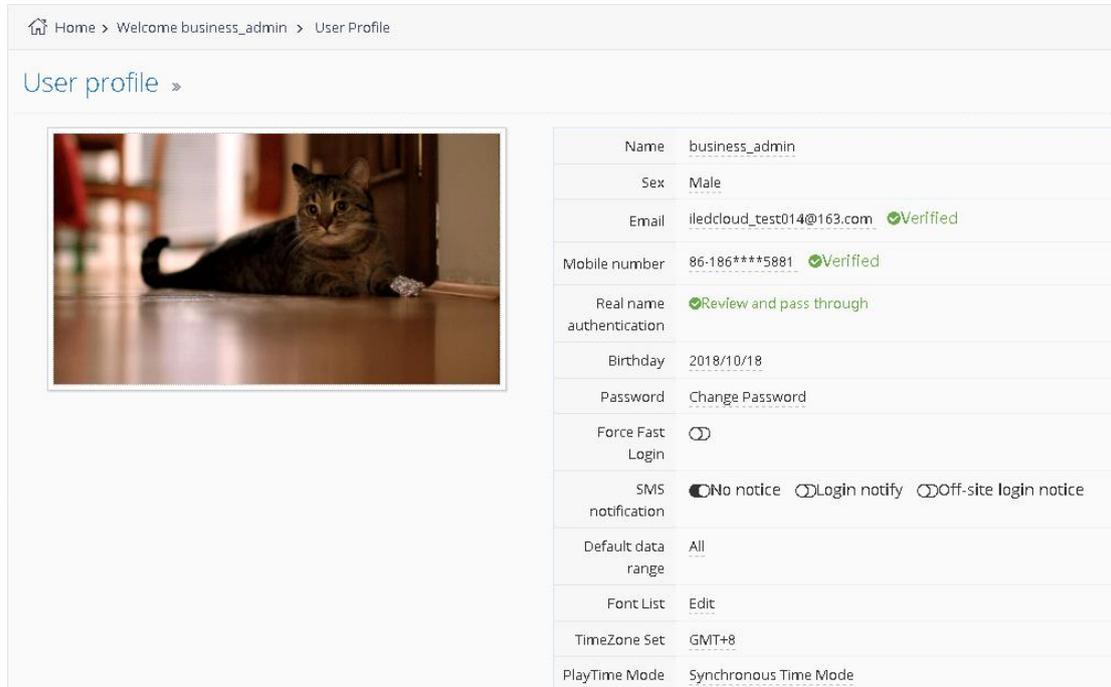


picture 5.8-1

### 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. Users cannot release programs if you do not get approval after 20<sup>th</sup>, July.



picture 5.8-2

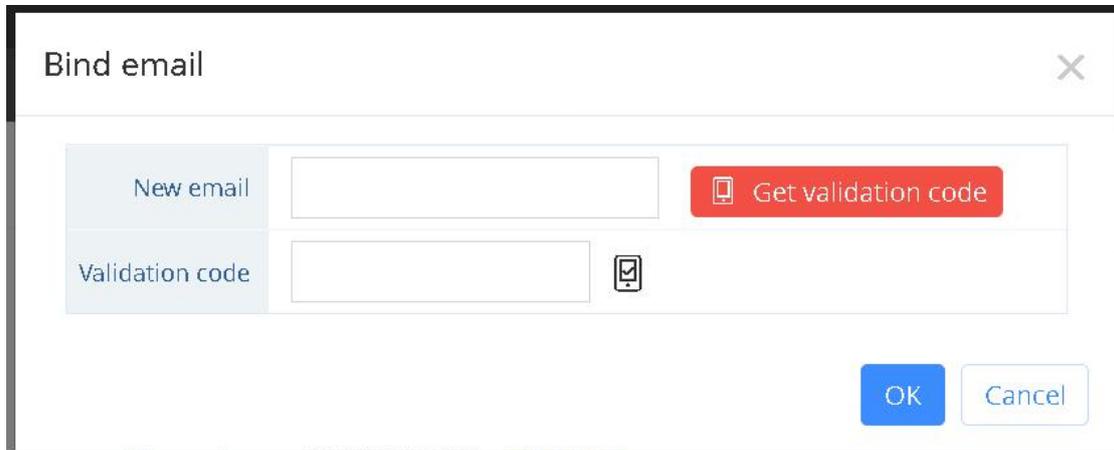
Users can set the preferences in the personal profile page, and open "must be rapid log in" (tied and complete the phone number validation), the user can log in by rapid log in entrance, Users can also set remind after log in, the default value is "not notify". If open the "notice" after log in, every time after the account log in platform, will prompt message on your mobile phone. If open "long-distance log in notification" (open when asked to set common log in), when the account log in in from other cities (based on IP judgment), the user's mobile phone will receive different log in prompt message.

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. And the platform will require verification, message will be sent to the new phone number or new email box, new email

---

box or new mobile phone number will receive a dynamic verification code, after binding, users can use the new phone number or email to log in. When users binding his mobile phone and email at the same time user can log in by mobile phone number or mail.



picture 5.8-3



picture 5.8-4

Click “real name authentication” on Profile, whatever you are private users or enterprises users, all need to do real name authentication, like picture 5.8-5 and picture 5.8-6. Private users need to fill in name, ID number and ID photo (front side and back side); Enterprises users can modify the company name, the bar code of organizing institution (after “real name authentication”, it cannot be modified), and the picture of organizing institution, also need to fill in the name, ID number, ID photo (front side and back side) of legal person. 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.

Real name authentication

**Company Information :**

Company Name :

Organization Code/Uniform Social Credit Code :

Uploading Photos for Certificates :

+ upload Business Licence or Organization Code Certificate

Example: 

---

**Legal Person Information :**

Please select user type:  Legal person himself  Legal agent  Government agent

Legal Person Name :

Legal Person ID Number :

Uploading Photos for Certificates :

Certificates :

+ The front side of ID card

+ The back side of ID card

+ Handheld ID card

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》

picture 5.8-5

**Real name authentication**

Person Name :

Person ID :

Uploading Photos for

Certificates:

+ The front side of ID card

Example: 

+ The back side of ID card

Example: 

+ Handheld ID card

Example: 

Notice:

1. Please upload a clear photo
2. Photo size should not larger than 5M, the support format are JPG,JPEG,PNG
3. The head should not overlap with the ID card in the photo

picture 5.8-6

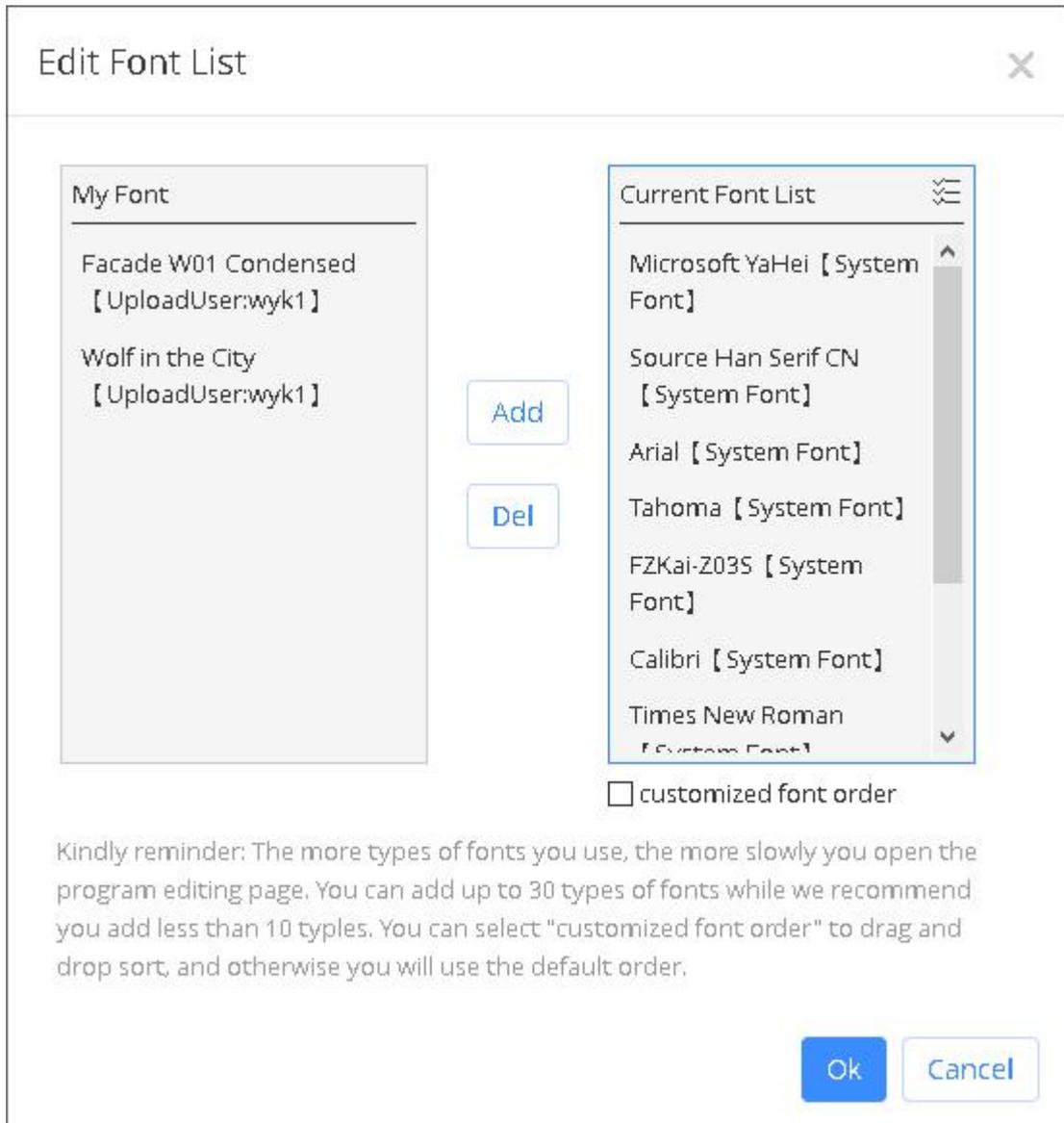
Private user can be upgraded to enterprise account after “real name authentication”, you will own all kinds functions in enterprise account. Like picture 5.8-7

---

Upgrade to enterprise account	
Name	<input type="text"/> 
Sex	Male
Email	<a href="#">Bind Email</a>
Mobile number	<input type="text"/> <span>✔ Verified</span>
Real name authentication	<span>✔ Review and pass through</span>
Birthday	<i>Empty</i>
Password	<a href="#">Change Password</a>
Force Fast Login	<input type="checkbox"/>
SMS notification	<input checked="" type="radio"/> No notice <input type="radio"/> Login notify <input type="radio"/> Off-site login notice
Sending program verification	<input type="checkbox"/>
Font List	<a href="#">Edit</a>
TimeZone Set	<a href="#">GMT+8</a>
PlayTime Mode	<a href="#">Local Time Mode</a>

picture 5.8-7

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 5.8-8.



picture 5.8-8

iLEDCloud adopts UTC time as to solve the program which is caused by time, users can set “play time mode”, like picture 5.8-9

Name	[Redacted]
Sex	Female
Email	[Redacted] <span>✔ Verified</span>
Mobile number	[Redacted] <span>✔ Verified</span>
Real name authentication	<span>✔ Review and pass through</span>
Birthday	<i>Empty</i>
Password	<a href="#">Change Password</a>
Force Fast Login	<input type="checkbox"/>
SMS notification	<input checked="" type="radio"/> No notice <input type="radio"/> Login notify <input type="radio"/> Off-site login notice
Default data range	<a href="#">My department</a>
Font List	<a href="#">Edit</a>
TimeZone Set	<a href="#">GMT+8</a>
PlayTime Mode	<div style="border: 1px solid red; padding: 5px;"> <span>Synchronous Time Mo... <input checked="" type="checkbox"/></span>   <span>Local Time Mode</span>   <span>Synchronous Time Mode</span> </div>

picture 5.8-9

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

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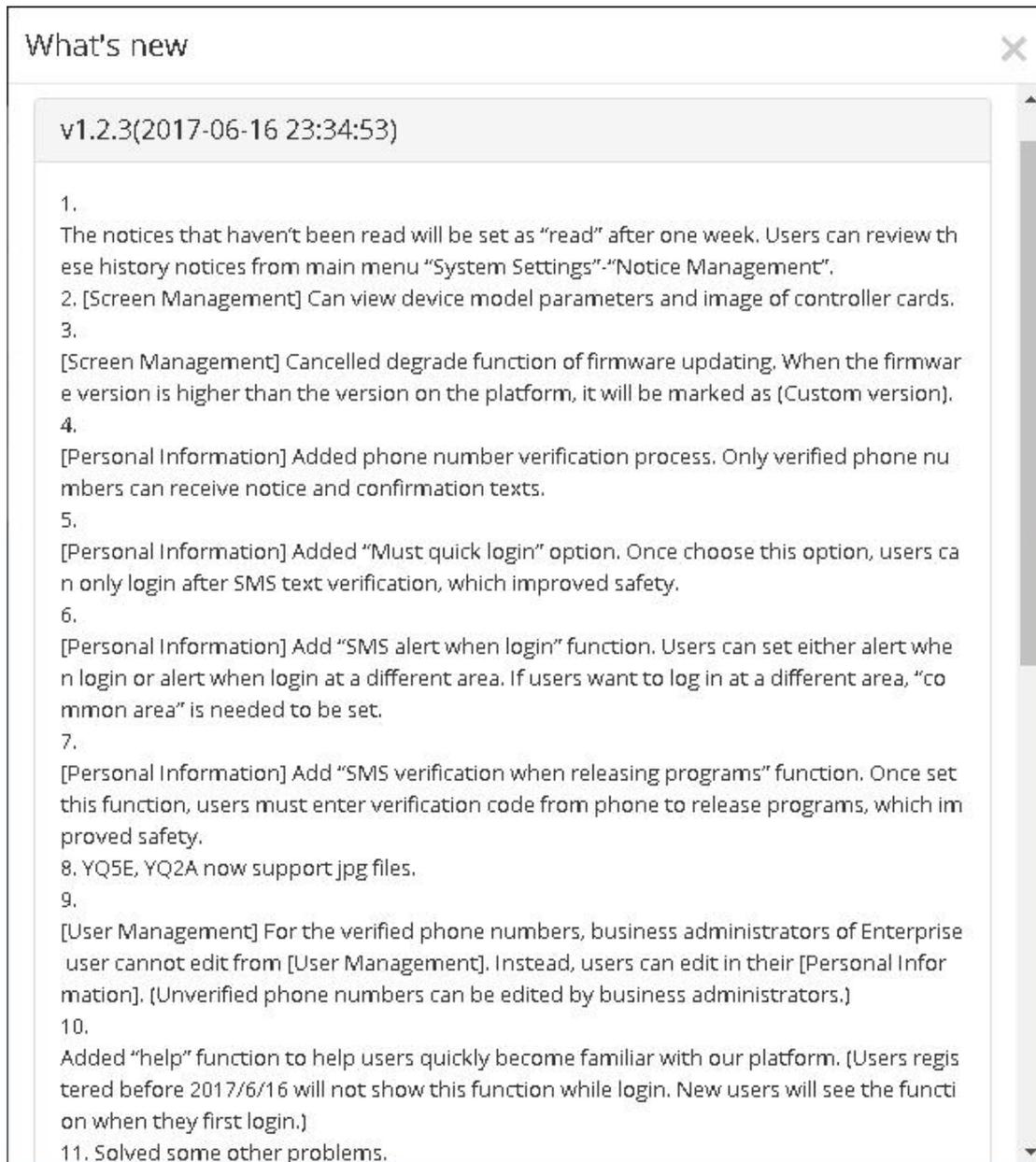
page as shown in the picture 5.8-10, user can feedback his suggestion or the platform error ,the platform staff will check and follow up to give solution.

The image shows a 'Feedback' dialog box. The title bar contains the text 'Feedback' and a close button (X). The dialog is divided into two main sections: 'Type' and 'Content'. The 'Type' section features a dropdown menu with 'Suggestion' selected and 'Error' as an option. The 'Content' section is a large text area. At the bottom right, there are 'OK' and 'Cancel' buttons.

picture 5.8- 10

### 5.8.3 What's new

Click the what's new in the user information page ,as shown in the picture 5.8-11 ,then will pop up the what' new page to display the update history of the platform.



picture 5.8- 11

## 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- 12

Quick guide

+ Detailed guide

## iLedCloud Multimedia Information Releasing Platform Quick Guide—version 2017.05.02

iLedCloud Multimedia Information Releasing Platform is high efficient, convenient and user friendly. It contains excellent program editing function that can **manage and share all your programs from anywhere**.

Follow the **six steps** below, then you can release your programs:

### 1. Installing supporting PC software

Please go to Onbon' s official website:<http://www.onbonbx.com/>. Click "Download" , and download the corresponding multimedia editor according to your controller card version. If you use YQ controller card, download LedshowYQ2016 software. If you use 6Q, download LedshowTW2016 software. Install in your PC.

**Download > PC Software BX-YQ series full color software**

Title	Instruction	Number	Download
Ledshow YQ mobile software for Android V1.2.2	Ledshow YQ mobile software for Android	682	
LedshowYQ2016 V17.4.19.1	LedshowYQ2016 Software(V16.11.01 Above version)Support setting the screen parameter and scan configuration of new generation of high refresh frame screen.Support intelligent scanning.Added automatic correction time from internet function.Many details have been optimised	1908	

**Download > PC Software Single & dual color software**

Title	Instruction	Number	Download
LedshowTW 2017 V17.04.07.00	Match with BX-56/DX series controller,the latest update functions: BX-WIFI setting	3069	

picture 5.8- 12

## 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 figure 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 figure 5.9-3.

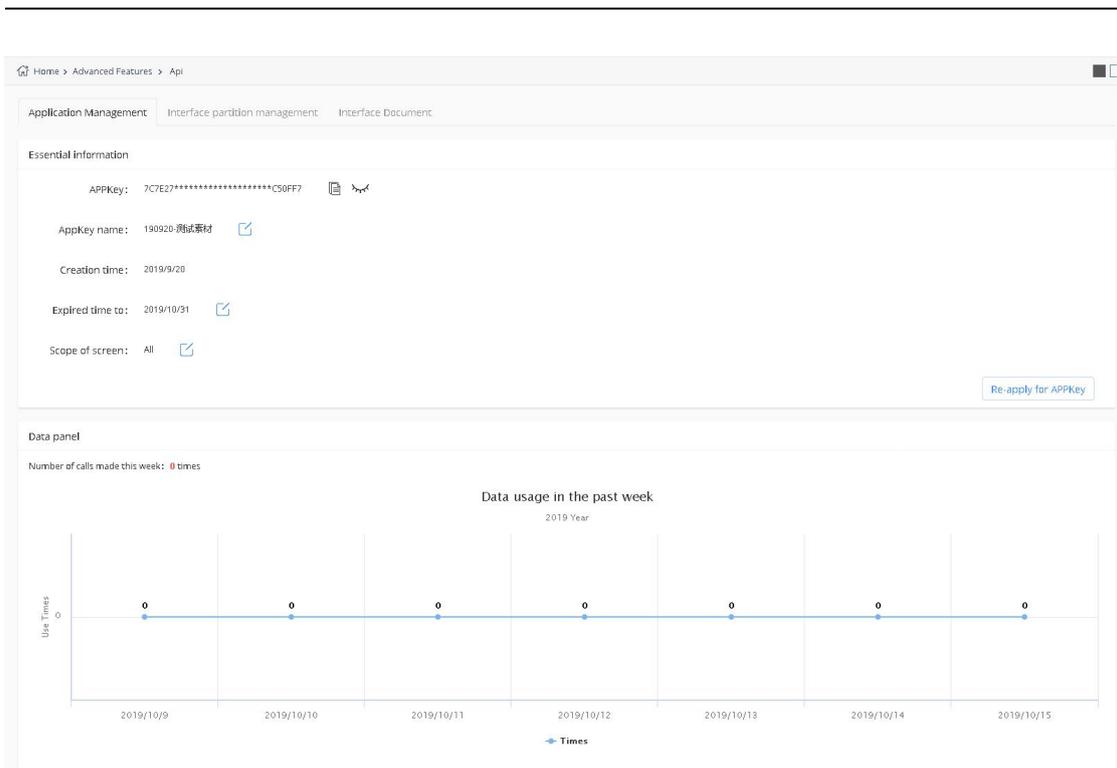
Apply APPKey
✕

AppKey name:

Expired time to:

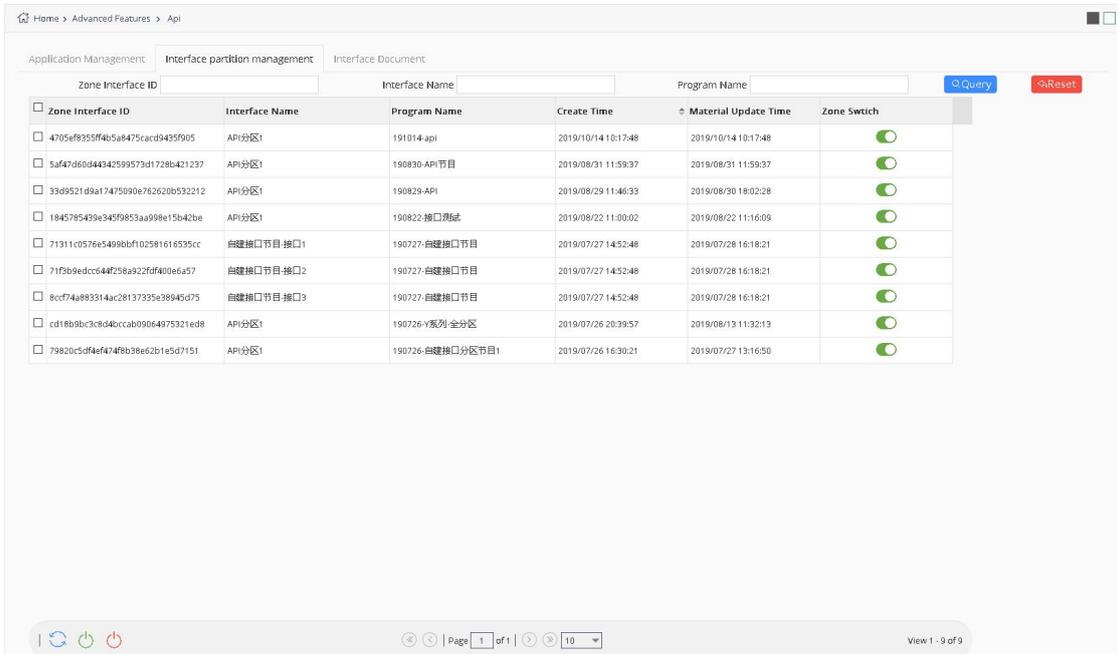
Scope of screen:  all  available  unavailable

Picture 5.9-2



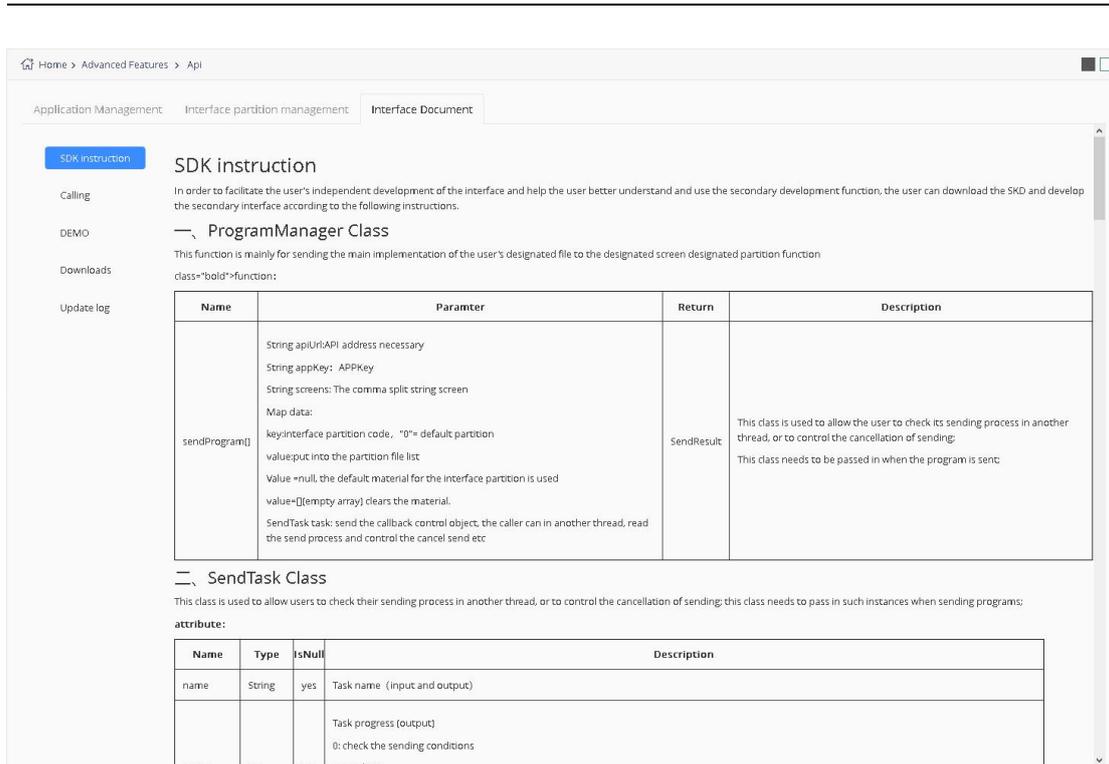
Picture 5.9-3

In the interface group management page, the user can view the relevant information of the interface partition in the program, as shown in figure 5.9-4. The on/off state of the API partition can be manipulated



Picture 5.9-4

User can check the SDK instruction in the interface documents as shown in picture 5.9-5.

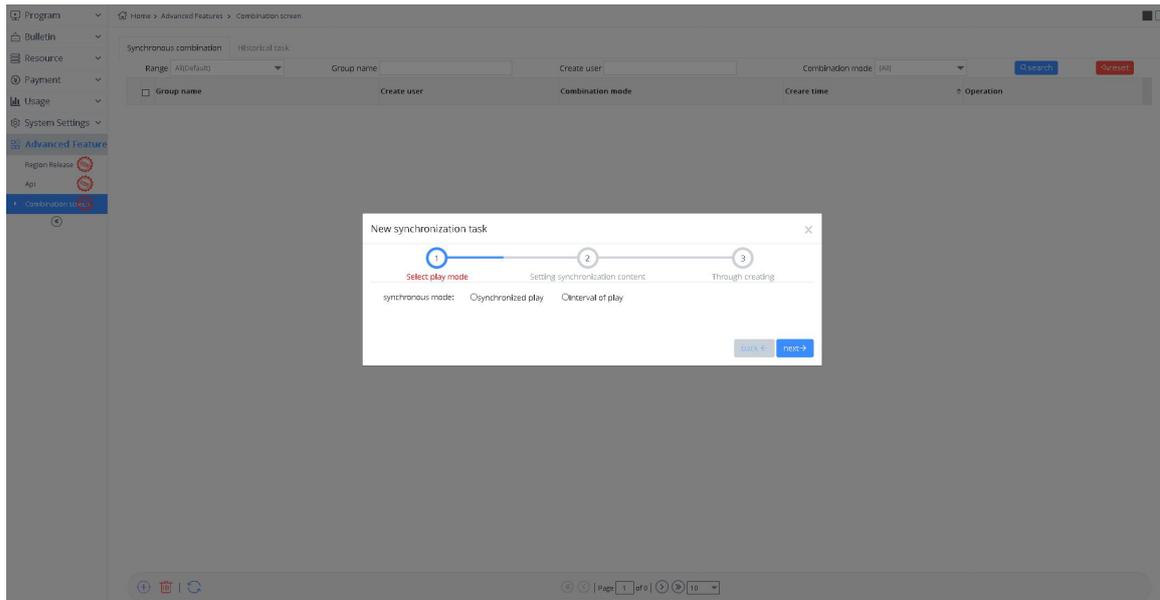


Picture 5.9-5

### 5.9.3 Synchronous combination

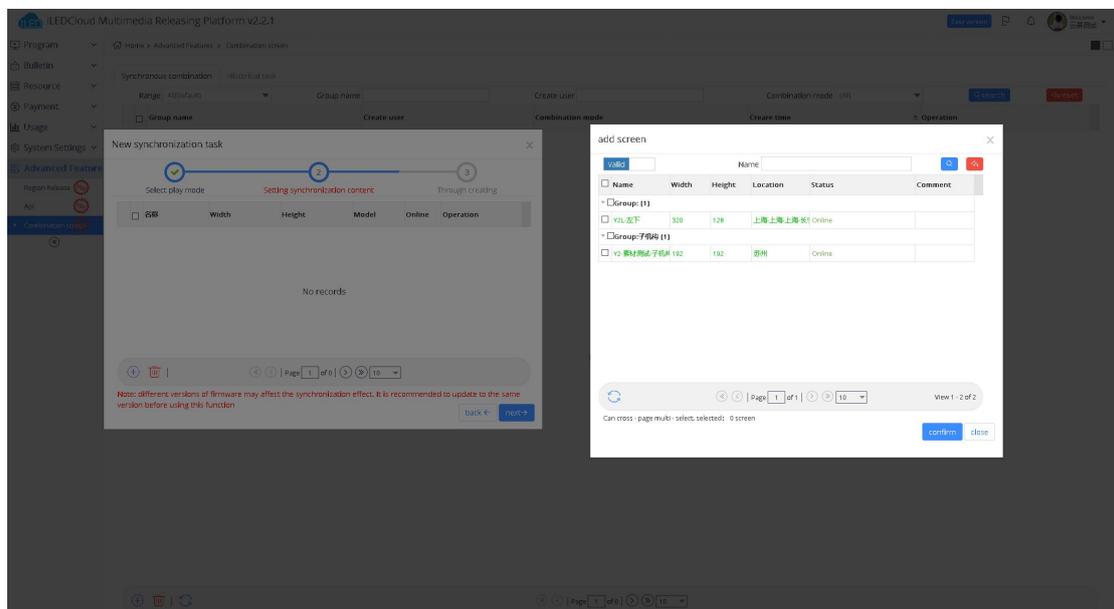
In order to meet the requirements of play the same picture on different screens at the same time, the v2.2.0 version of the platform has added the function of synchronous combination, including simultaneous play and interval play. Simultaneous play means that all screens play the same program at the 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 figure 5.9-6.



Picture 5.9-6

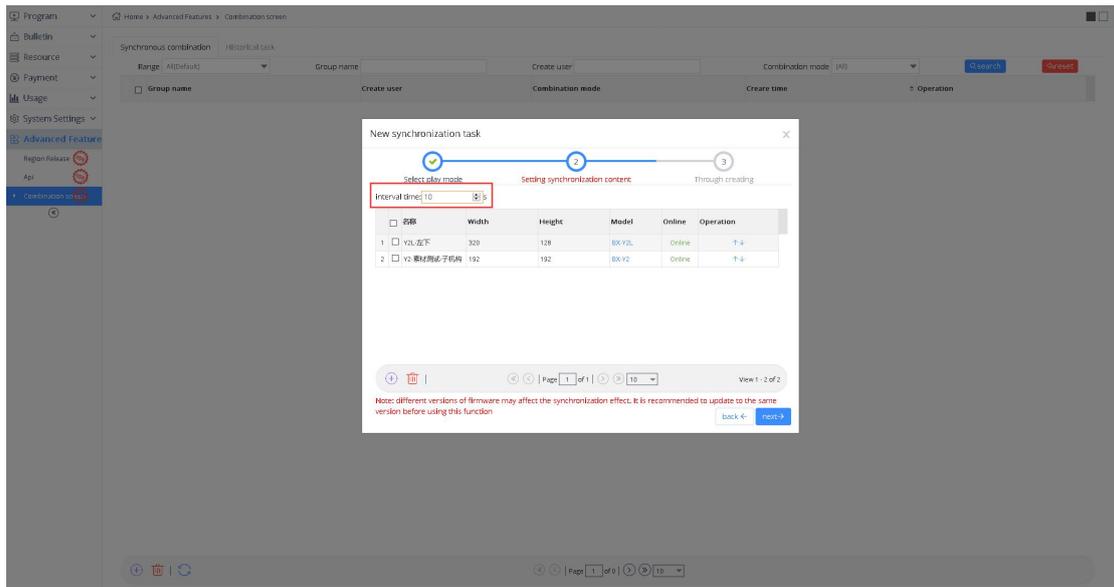
Click the next step to enter the page of setting synchronization content, click the "+" in the lower left corner to select the screen that needs synchronization (currently only supports the online Y series controller). In order to ensure the synchronization effect, it is recommended to select the Y series 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 figure 5.9-7.



Picture 5.9-7

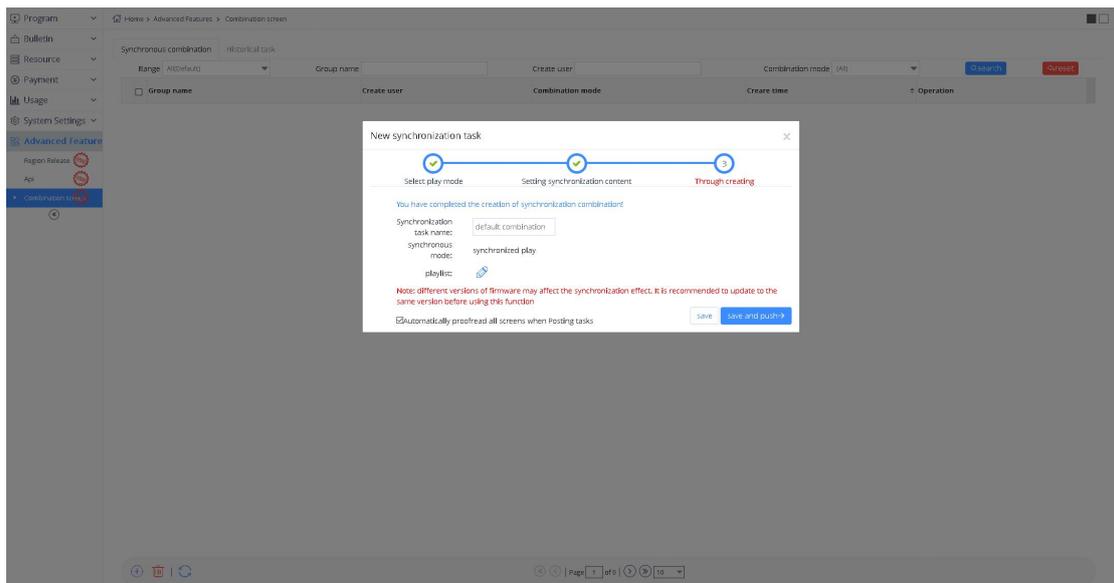
If interval play is selected, the interval time of the synchronous content page should be set. After the setting is completed, each screen will start playing X seconds slower than the previous

screen. Users can sort each screen in the operation column, as shown in figure 5.9-8.



Picture 5.9-8

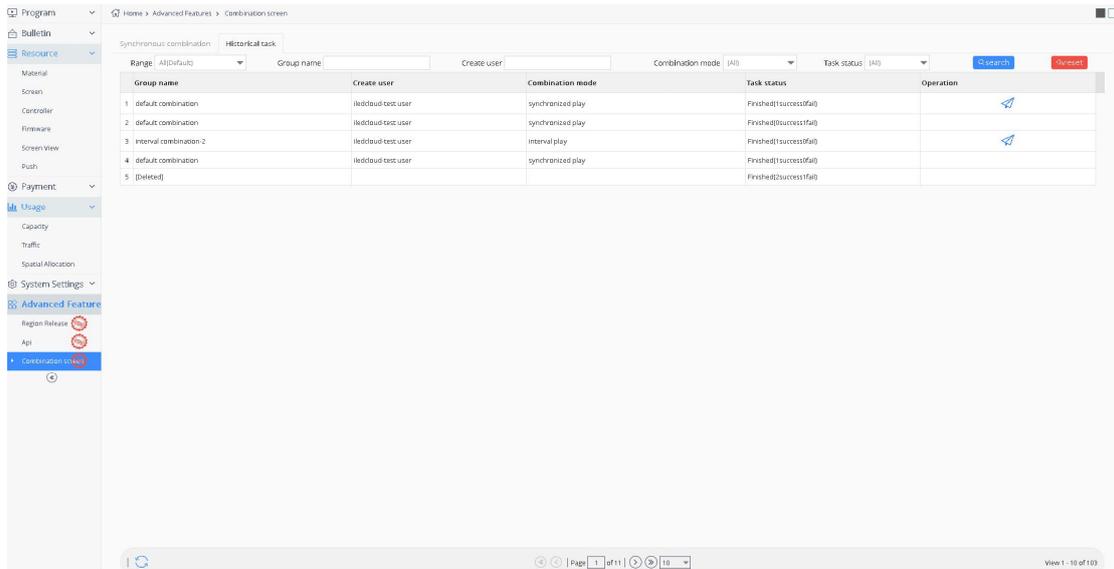
Click the next step to complete the creation of the synchronous combination. The user can also select the playlist here. If not, only the combination can be saved and not published. If selected, it can be saved or published, as shown in figure 5.9-9. By default, the platform will check "automatically 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 5.9-9

The user can view published synchronous composite tasks on the history task page or

republish composite tasks, as shown in figure 5.9-10.



Picture 5.9-10

## 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.

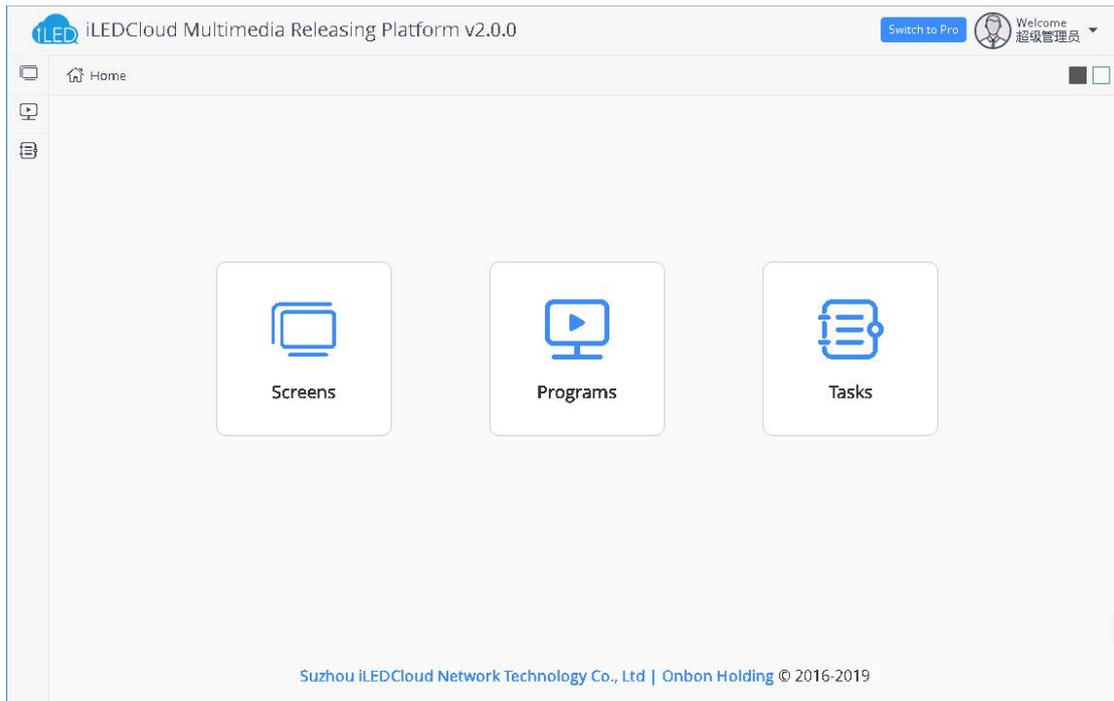
Simple version provides: screen management, program list, task management three modules, see picture 5.10-1 simple version home page.

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.

Name	Width	Height	Device code	Model	Status	On/off time	Playing	Operation
YQ2E	384	384	C0YQ2E1606130023	BX-YQ2E	●	2018/05/23 16:11:50	Deleted	Renew
6Q3借用	384	384	C06Q3A1710120012	BX-6Q3	●	2018/03/07 20:08:00	Playing nothing	Renew
6E2-test	128	32	01234567891236E2	BX-6E2	●	2018/03/22 11:05:02	Playing nothing	Renew
测试6E1	128	32	6E1QWERT12345678	BX-6E1	●	2018/11/12 10:28:47	Normal program list	Renew
6M1-YY	128	32	01234567896M1-YY	BX-6M1-YY	●	2018/07/18 17:20:59	Normal program list	Renew
6Q3L-借用 删除后加到新机构	256	384	C06Q3L1710160066	BX-6Q3L	●	2018/04/25 10:09:01	Playing nothing	Renew

---

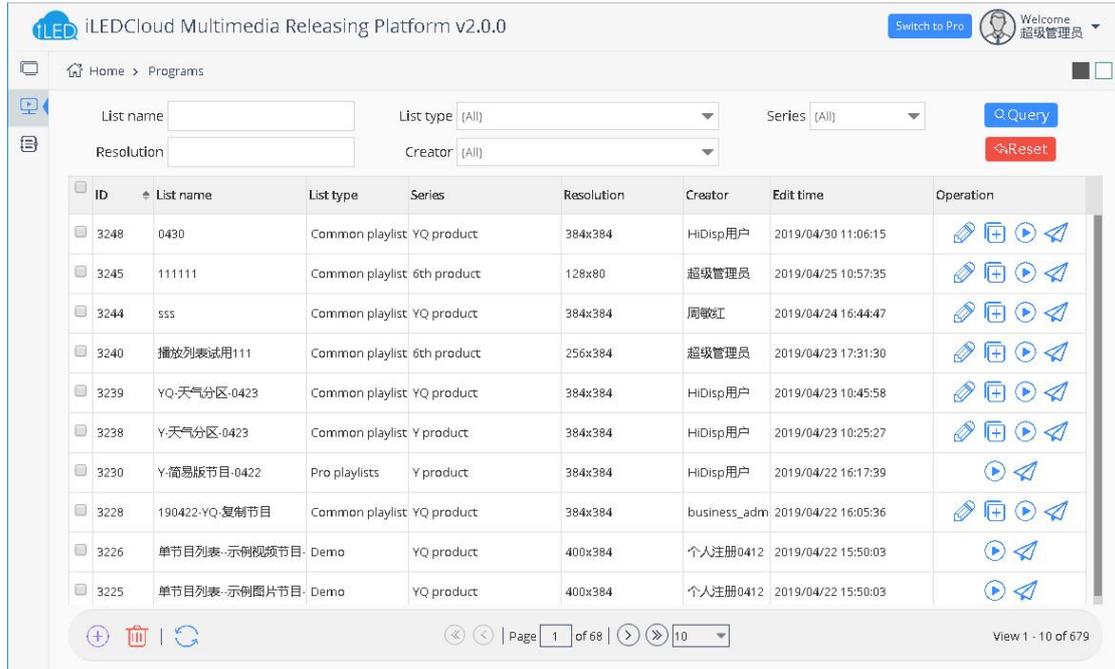
picture 5.10-2

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.



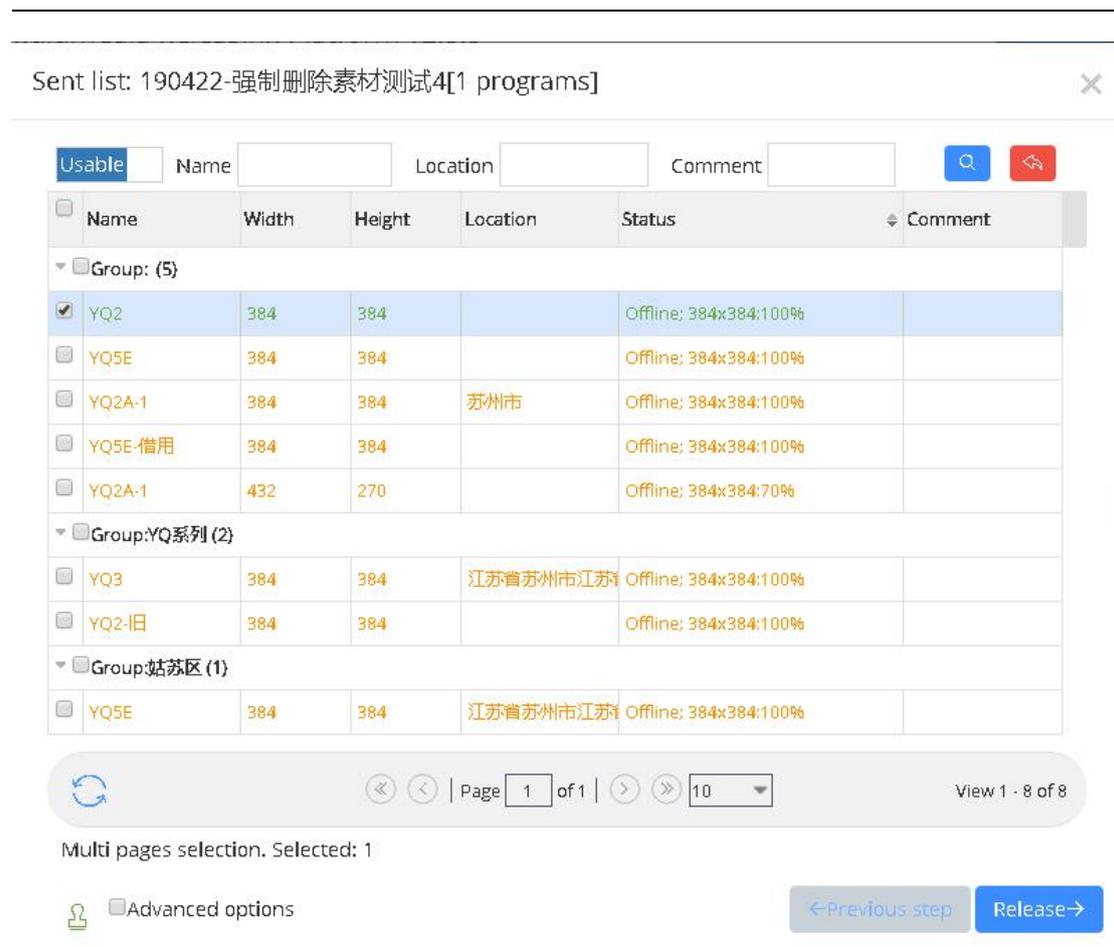
picture 5.10-3

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



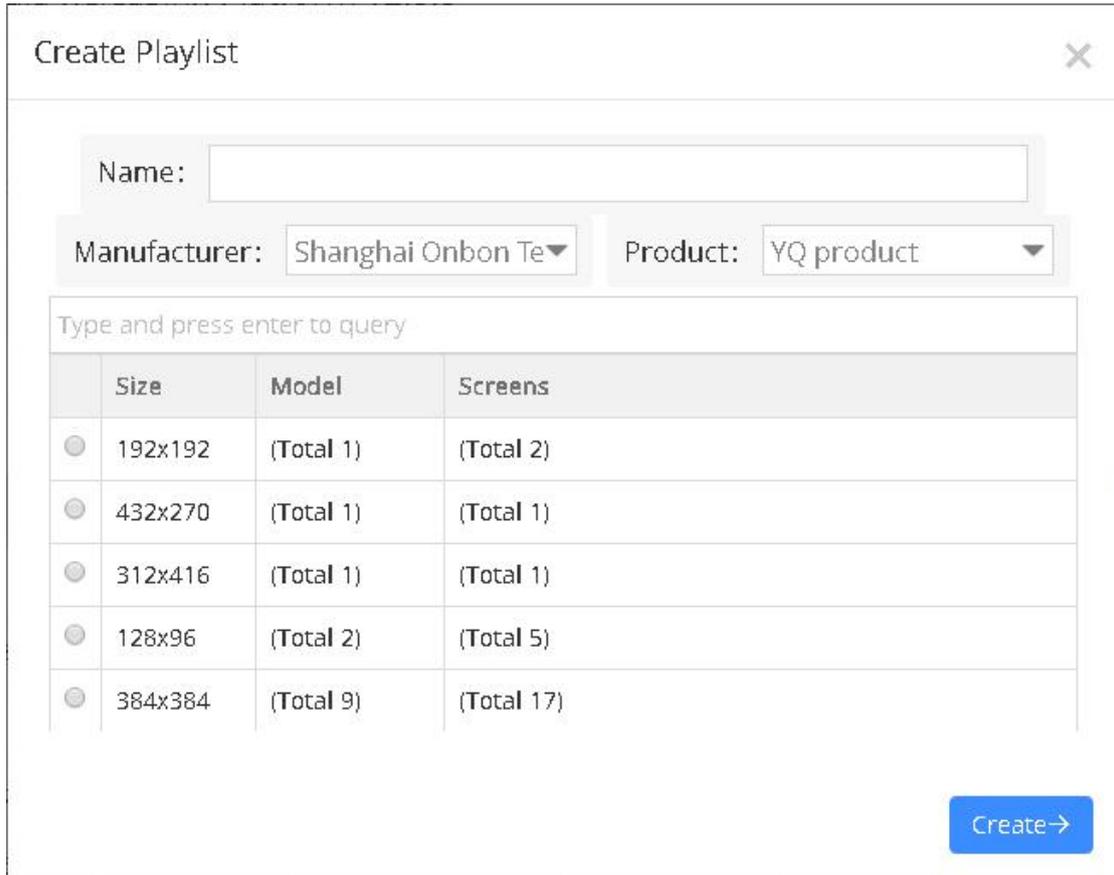
picture 5.10-4



picture 5.10-5

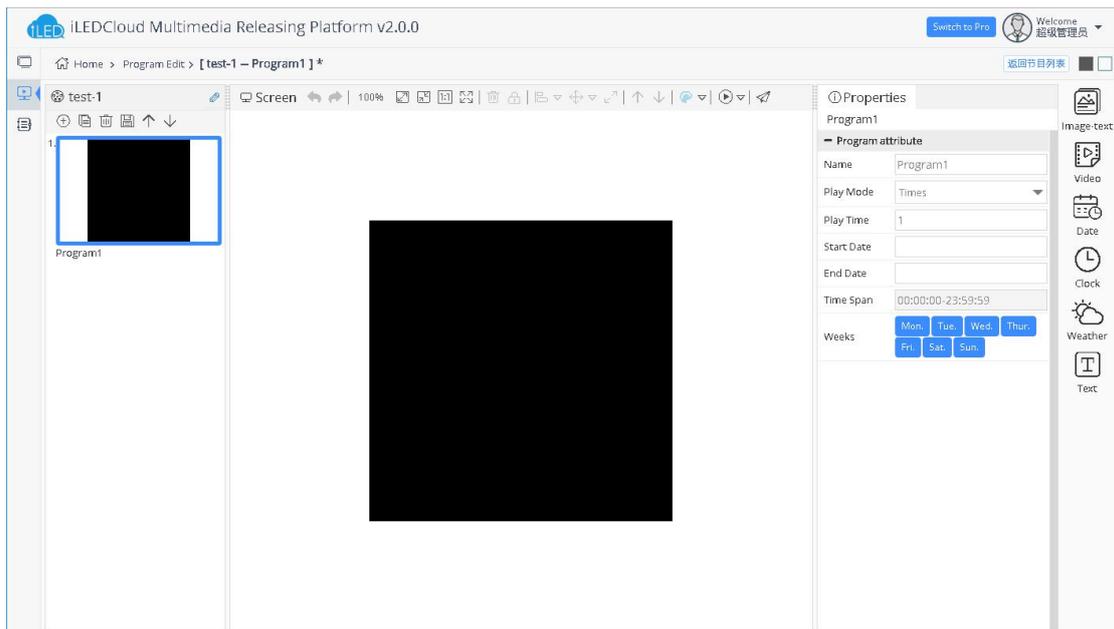
### 5.10.3 create the list

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

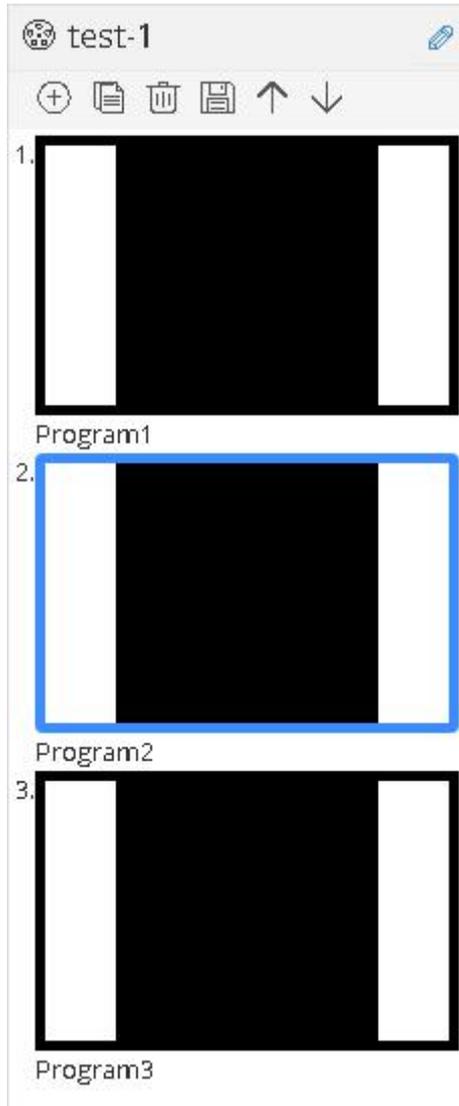
After creating a new program list, it will enter the production page, which is divided into left, middle and right parts, including playlist, screen, partition and properties, as shown in picture 5.10-7.



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

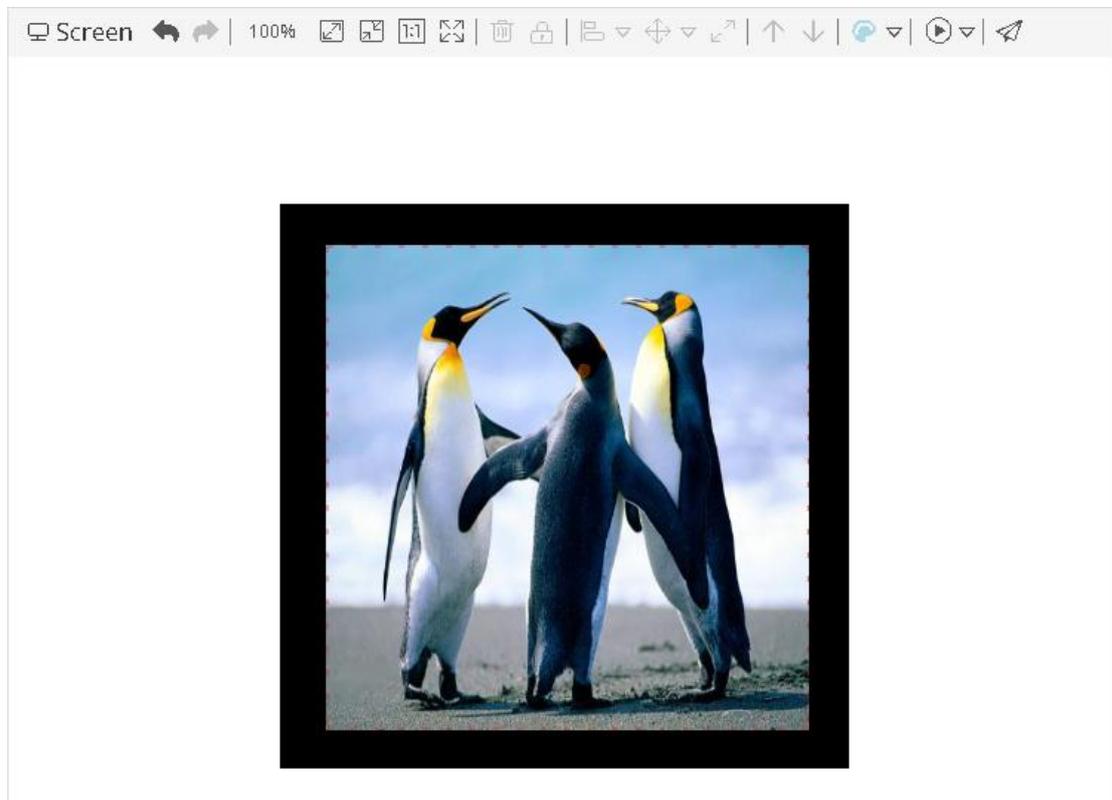
table 5.10-3

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 six simple version of the partition, respectively is image-text, video, date, clock, weather and text partition.



picture 5.10-10

After adding graphic, 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.

---

Properties

Program1

Program attribute

Name Program1

Play Mode Times

Play Time 1

Start Date

End Date

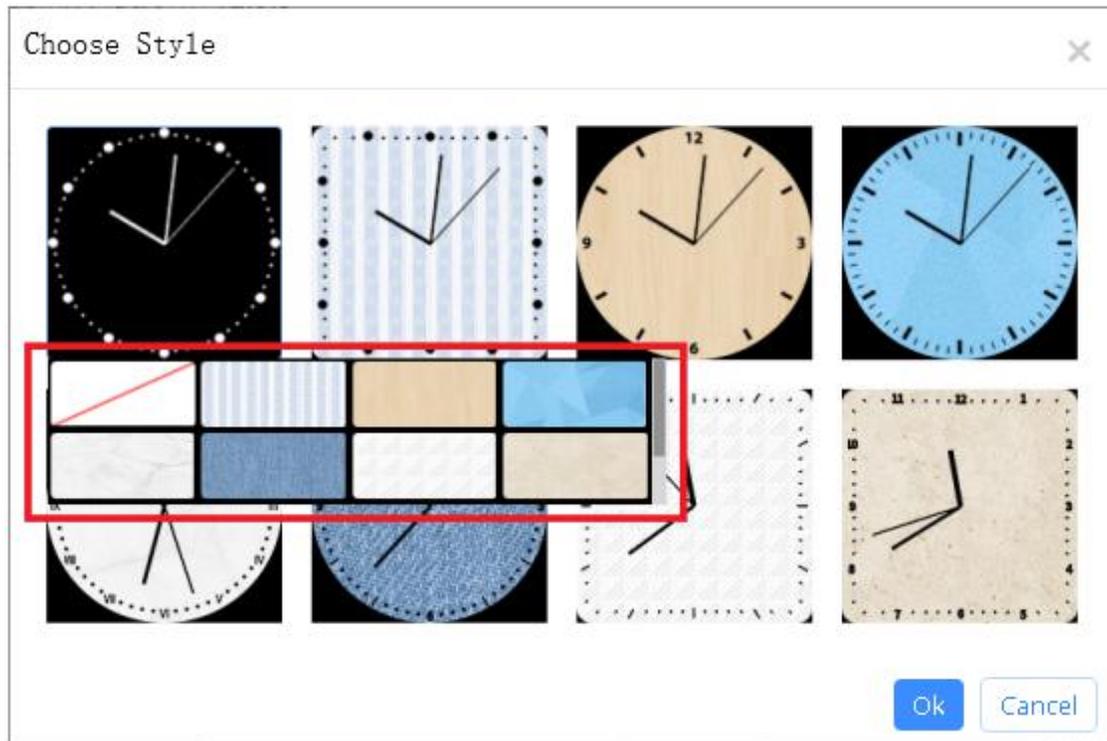
Time Span 00:00:00-23:59:59

Weeks

Mon. Tue. Wed. Thur. Fri. Sat. Sun.

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.

Sent list: sss[3 programs] ✕

All
 Name 
 Location 
 Comment

<input type="checkbox"/>	ID	Name	Width	Height	Location	Status	Comment
▼ Group: (10)							
<input type="checkbox"/>	471	YQ4	384	384	江苏省苏州市吴中	Offline; 384x384:100%	
<input type="checkbox"/>	573	YQ2	384	384		Offline; 384x384:100%	
<input type="checkbox"/>	584	YQ5E	384	384		Offline; 384x384:100%	
<input type="checkbox"/>	585	YQ2A-1	384	384	苏州市	Offline; 384x384:100%	
<input type="checkbox"/>	592	YQ5E-借用	384	384		Offline; 384x384:100%	
<input type="checkbox"/>	593	YQ2A-1	432	270		Offline; 384x384:70%	
<input type="checkbox"/>	369	YQ2E	384	384	上海市上海市上海	Controller model does not match	
<input type="checkbox"/>	374	6Q3借用	384	384	江苏省苏州市江苏	Controller model does not match	
<input type="checkbox"/>	388	6E2-test	128	32	苏州	Controller model does not match	
<input type="checkbox"/>	389	测试6E1	128	32	江苏省苏州市	Controller model does not match	

Page  of 10 | 

View 1 - 10 of 95

Multi pages selection. Selected: 0

Advanced options

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.

The screenshot displays the ILEDCloud Multimedia Releasing Platform v2.0.0 interface. At the top, there is a navigation bar with the platform name, a 'Switch to Pro' button, and a user profile icon. Below the navigation bar, there are search and filter fields for 'Task name', 'Device name', and 'Task status'. A table lists various tasks with columns for ID, Task name, Device name, Start time, Task status, and Operation. The table contains 10 rows of data. At the bottom, there is a pagination control showing 'Page 1 of 3,611' and a 'View 1 - 10 of 36,101' indicator.

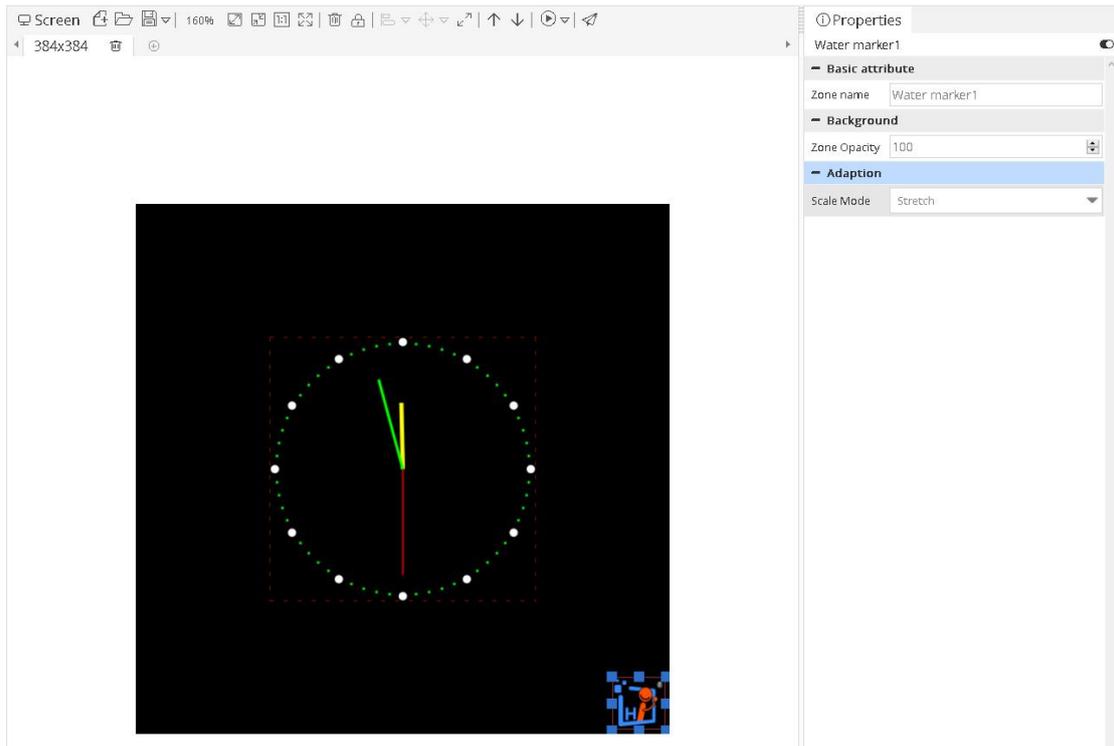
ID	Task name	Device name	Start time	Task status	Operation
425460	Screen[YQ3AE]-Release playlist[ss1]	YQ3AE	2019/05/09 16:06:35	Queue	
425450	Screen[YQ2A-1]-Release playlist[单节目列表-19C YQ2A-1]		2019/05/09 14:31:21	Over	
425442	Screen[YQ2A-1]-Release playlist[Single program] YQ2A-1		2019/05/09 11:53:47	Over	
425428	屏幕【YQ3AE】--发布播放列表【单节目列表-19C YQ3AE】	YQ3AE	2019/05/09 09:19:17	Over	
425410	屏幕【YQ3AE】--发布播放列表【ss1】	YQ3AE	2019/05/09 09:12:42	Cancel	
425385	屏幕【YQ3AE】--发布播放列表【YQ-天气分区-04 YQ3AE】	YQ3AE	2019/05/08 17:18:39	Over	
425360	屏幕【YQ3AE】--发布播放列表【YQ-天气分区-04 YQ3AE】	YQ3AE	2019/05/08 17:14:25	Cancel	
425344	屏幕【YQ3AE】--发布播放列表【单节目列表-res YQ3AE】	YQ3AE	2019/05/08 15:35:10	Over	
425332	屏幕【YQ3AE】--取消屏幕[YQ3AE]节目	YQ3AE	2019/05/08 15:33:07	Over	
425317	屏幕【YQ3AE】--发布播放列表【单节目列表-res YQ3AE】	YQ3AE	2019/05/08 15:32:36	Over	

picture 5.10-15

## 5.11 Platform security management specifications

### 5.11.1 The watermark logo

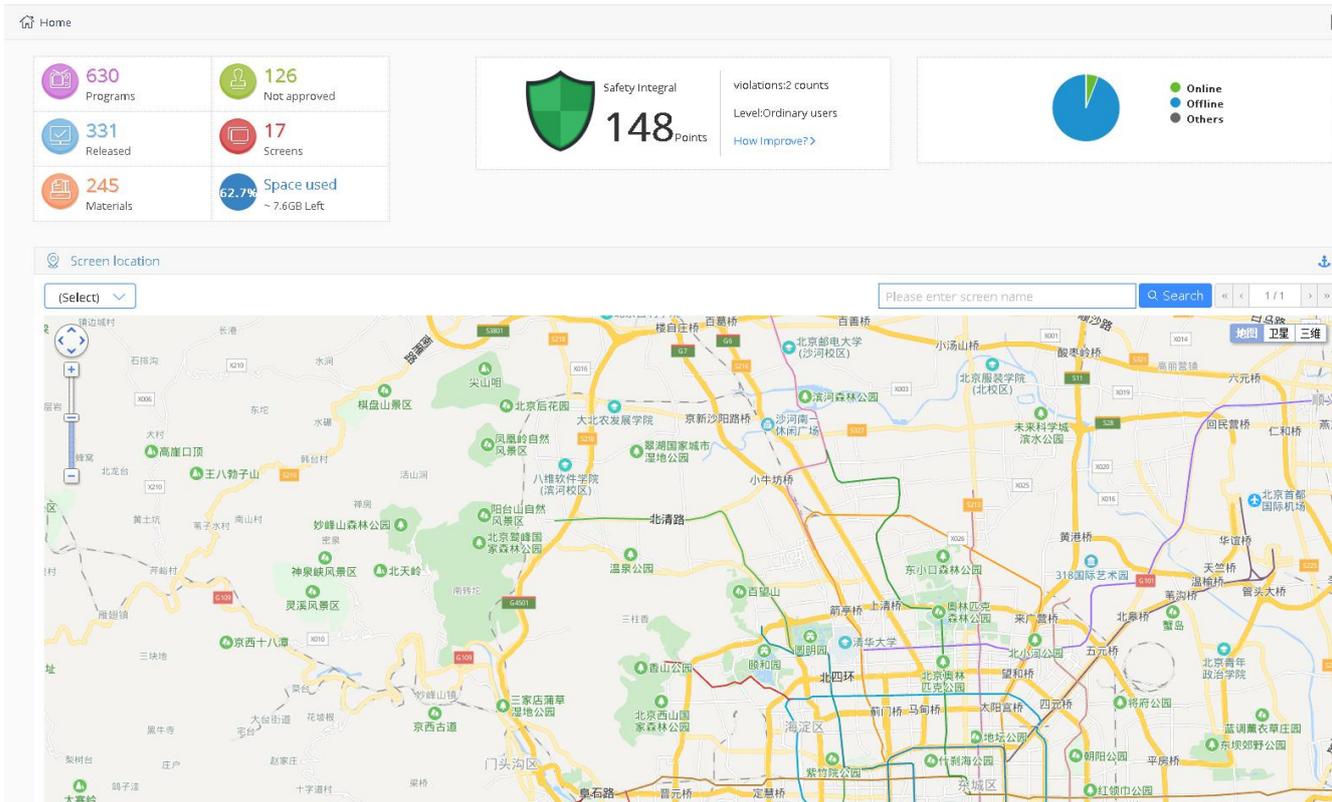
When the watermark mode is enabled on the platform, the user enters the page of making the program, and the watermark mark will be automatically added into the partition. It cannot be deleted and is always placed on the top, but the watermark mark can be moved. When the user publishes the program, the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

Home > Resource > Material

Range: All(Default) Name: Type: (All) Comment: [Query] [Reset]

Group: (All)

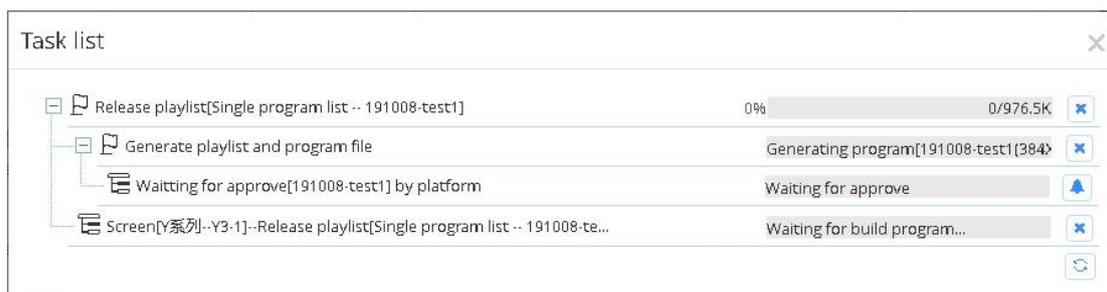
Preview	Name	Type	Size	Process status	Have used	Can download	Allow API use	Uploading user	Uploading time	Comment	Operation
Text (4)											
	南方Demo静态版_正方形06.png	Image	523K	Waiting approve	No	Yes	No	business_admin	2019/10/15 12:00:55		
	190828-图片15.jpeg	Image	26.8K	Material handling failure: Spread rumors 2	No	Yes	No	business_admin	2019/08/28 17:03:39		
	190827-图片1.png	Image	3.3K	Successful treatment	No	Yes	No	business_admin	2019/08/27 17:18:32		
	最新成果_LEDCloud多媒体信息3	Video	21.4M	Finish	Yes	Yes	No	admin	2019/01/13 23:57:46		

Picture 5.11-3

---

## 5.11.4 Program approval

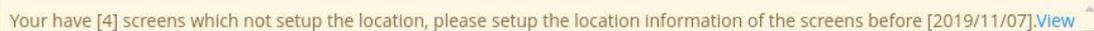
Your program will enter the program audit stage after clicking release, and your program will be released automatically after completion of the audit. If the program is not approved after a certain period of time, you can click the little bell next to the release list to urge approval, as shown in figure 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 figure 5.11-5. If it is still not filled in after 20 days, the prompt will turn red, as shown in figure 5.11-6.



Your have [4] screens which not setup the location, please setup the location information of the screens before [2019/11/07]. [View](#)

picture 5.11-5



Your have [2] screens which not setup the location, please go [Screen] to setup, otherwise you will not be able to use the screen normally. [Do it](#)

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 figure 5.11-7. Otherwise, the screen cannot be used.

Home > Resource > Screen

Range: All(Default) Name: Width: Height: Location: [Query] [Reset]

Device code: Model: (All) Online: (All) Comment:

Check online Reset task Restart

Power off Switch Work Mode Buy

Warning: The following screen is not filled in completely within the specified time limit, please fill in completely or delete

Name	Device code	Comment	Operation
<input type="checkbox"/> YQ3	5000448E0F4B0000003C000000		
<input type="checkbox"/> YQ2-1 借用	50004466ED4A00000008F0000000		
<input type="checkbox"/> YQ4	COY0401806130001		
<input type="checkbox"/> Y3-4	COY3001805190006	乐橙	
<input type="checkbox"/> Y3-1	COY3001805190008		
<input type="checkbox"/> YQ5E-1030	COYQ5E1710300001		
<input type="checkbox"/> YQ1-75	COYQ1B1702200060		
<input type="checkbox"/> YQ5E-借用	COYQ5E1703010012		
<input type="checkbox"/> YQ2A-1	5000AF69013634375230000000		

Can cross - page multi - select, selected: 0 screens

Name	Device code	Comment	Operation
<input type="checkbox"/> YQ3	english_test1	Setup Location: 5000448E0F4B0000003C00 EX-YQ3	2018/08/23 11:16:02 418:0:48:22 0 Programs Renew
<input type="checkbox"/> YQ2-1 借用	admin[0_00040_00001]	Setup Location: 50004466ED4A00000008F0 EX-YQ2	2018/03/19 17:36:44 574:18:27:40 0 Programs Renew

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.

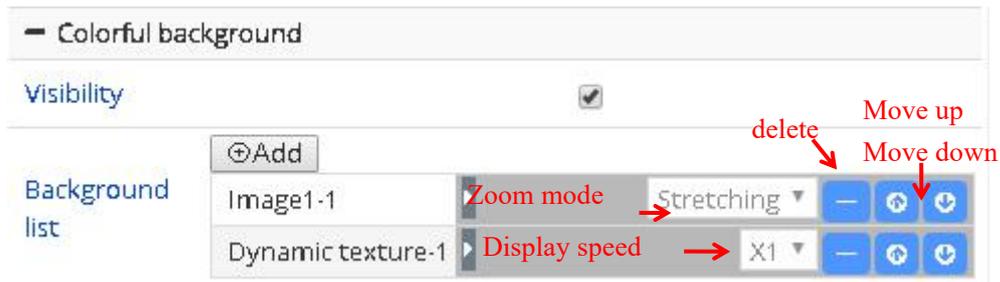
### 6.1 The zone features of 6<sup>th</sup> generation program

Now the platform support 6<sup>th</sup> generation,Y series and YQ series controller , different 6<sup>th</sup> generation is different with other two series controllers,the 6<sup>th</sup> generation controllers support the rich frame and colorful background ,in the program of 6<sup>th</sup> 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.

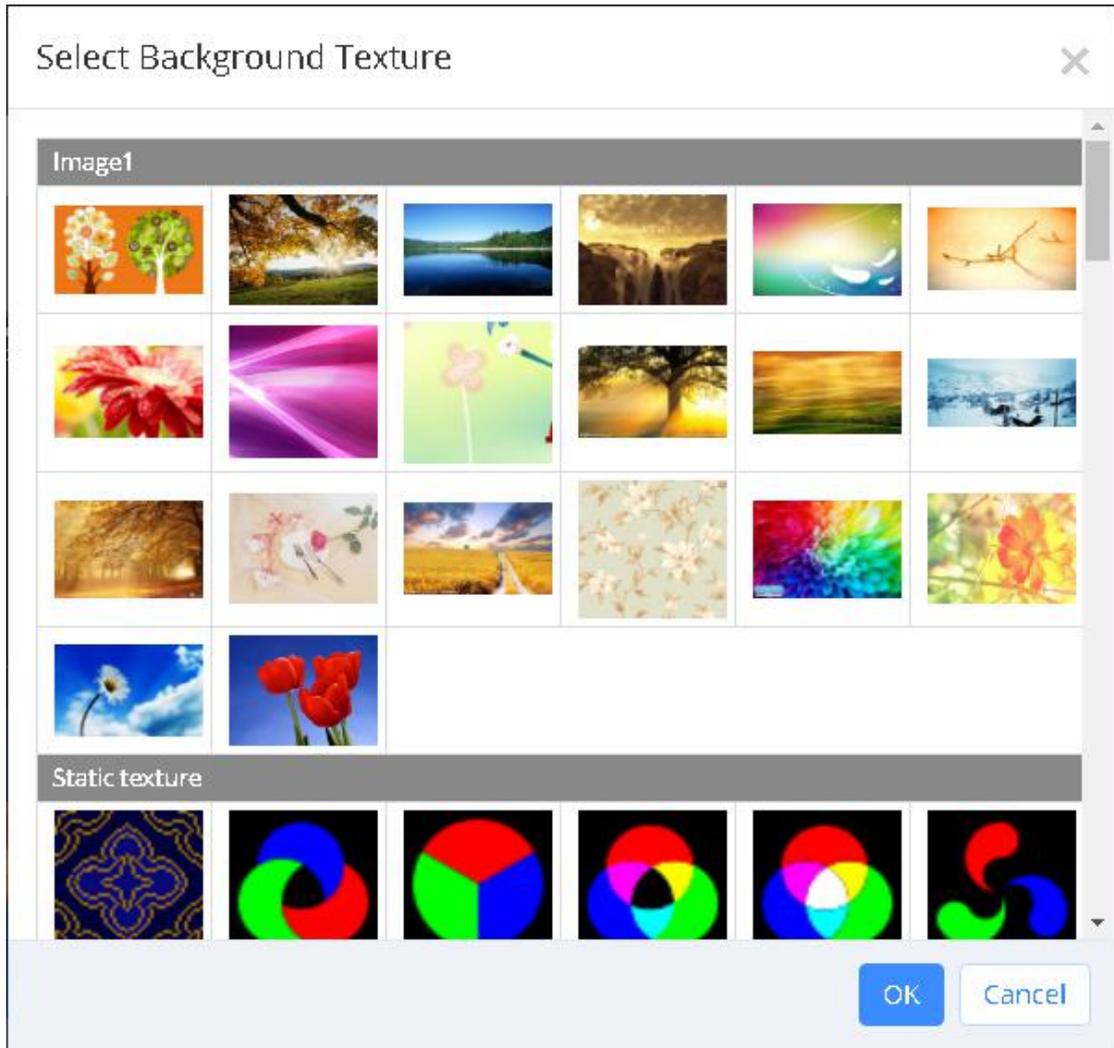


picture 6.1- 1

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



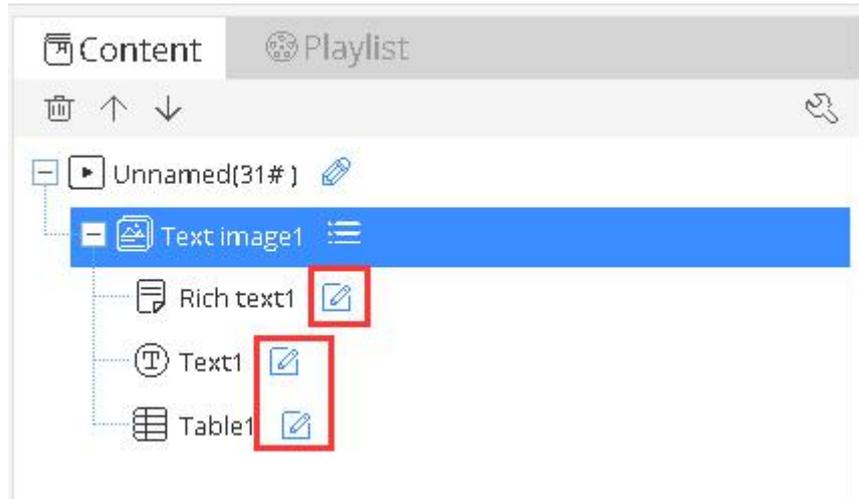
picture 6.1-2



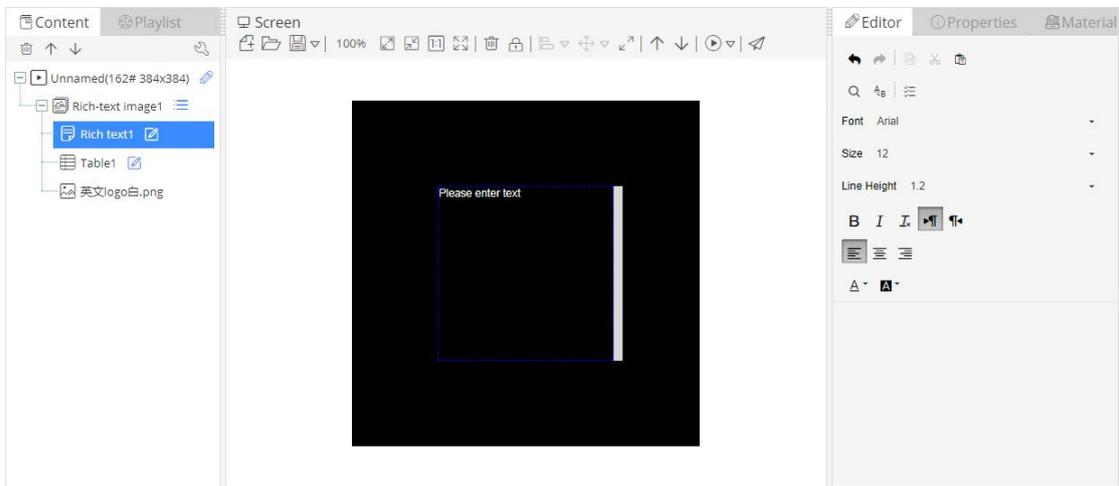
picture 6.1-3

## 6.2 Image&text zone

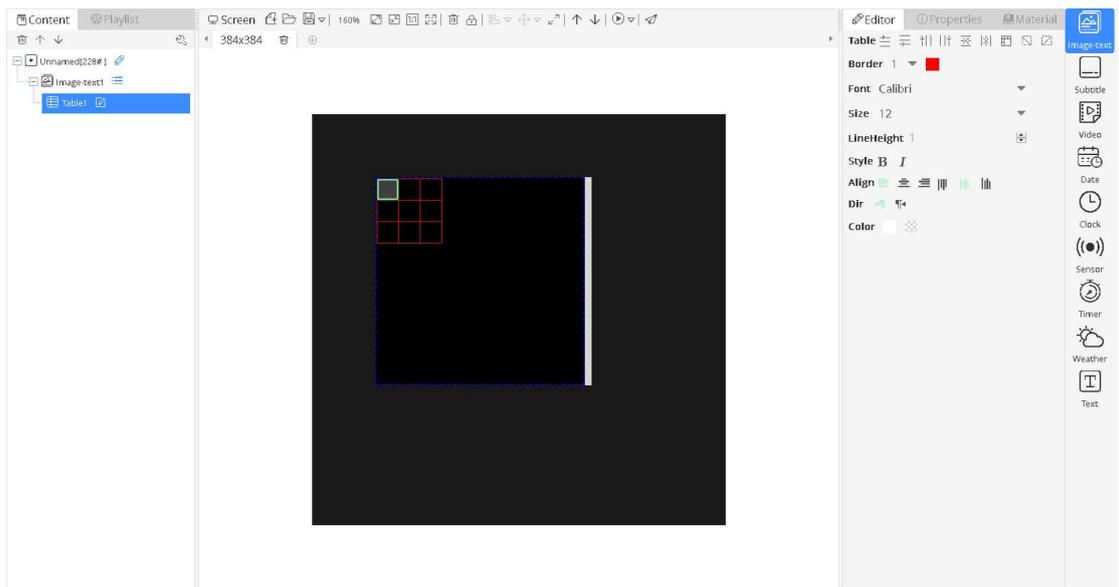
The image&text zone including the text ,image and table material ,the feature is strong edit function and can set the text format ,user can click the edit button as shown in the picture 6.2- 1,open the editor then as shown in the picture 6.2- 2 and picture 6.2- 3.



picture 6.2-1



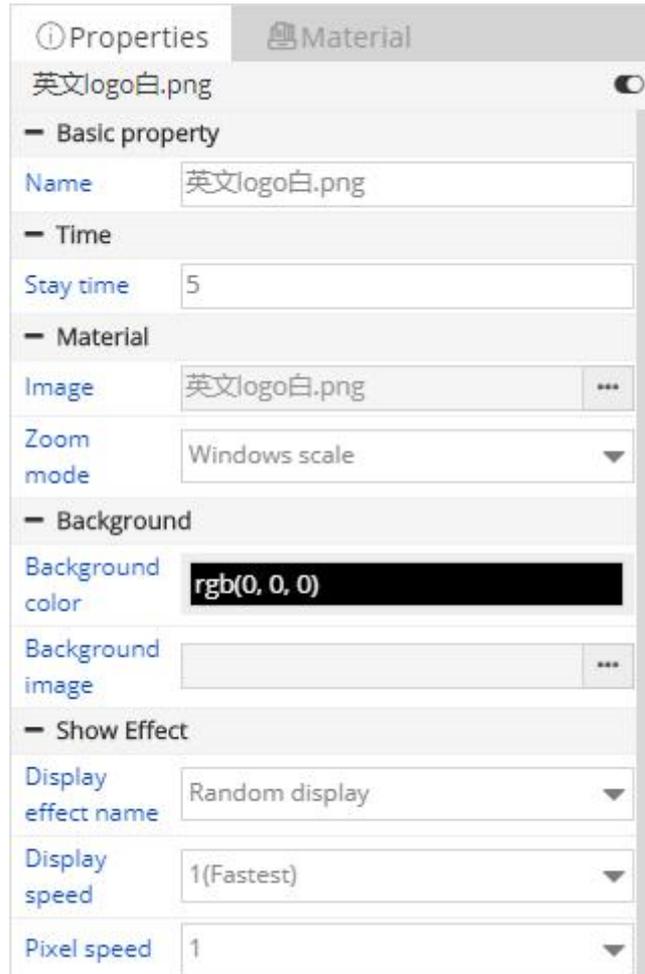
picture 6.2-2



picture 6.2-3

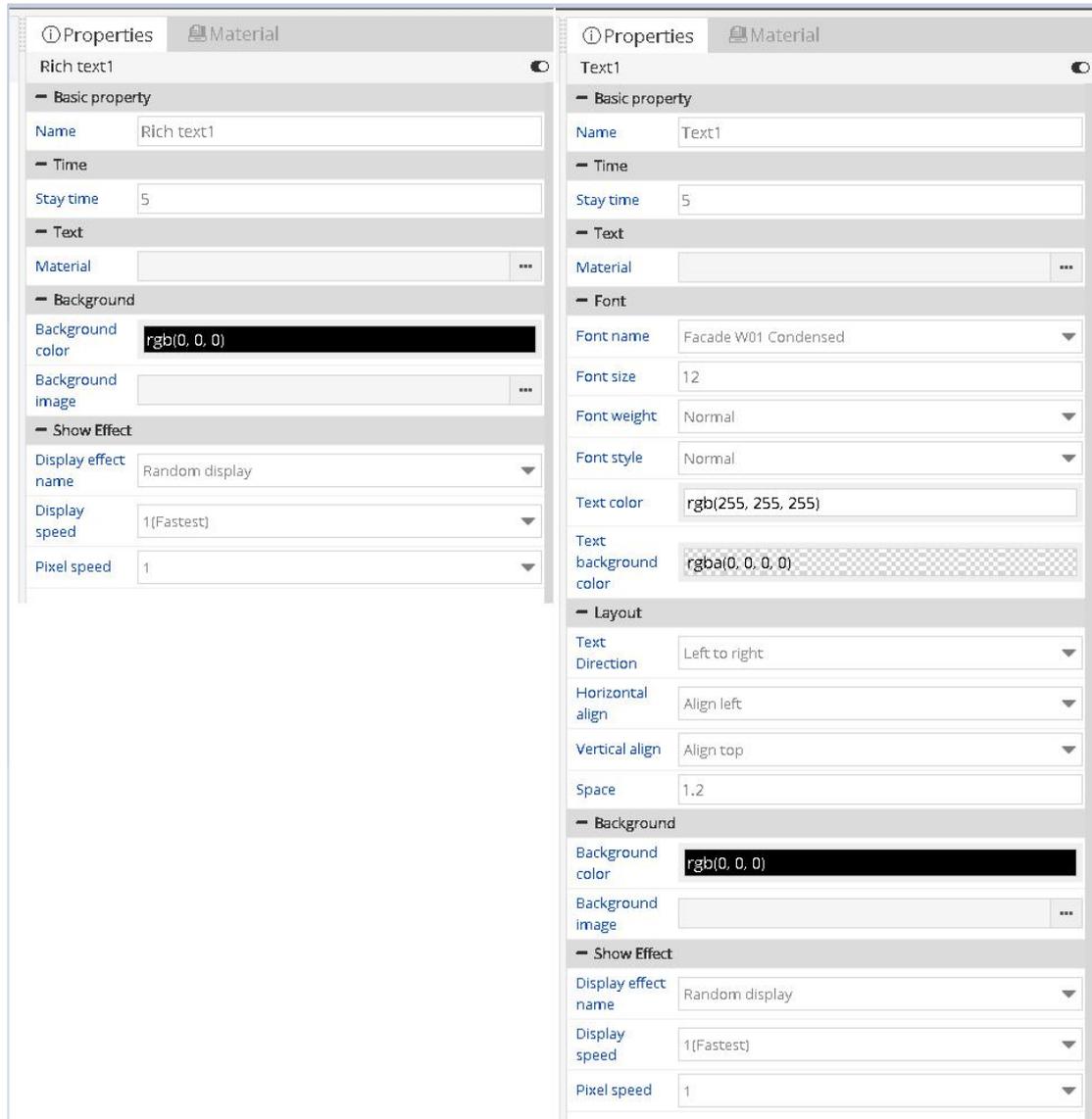
---

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)



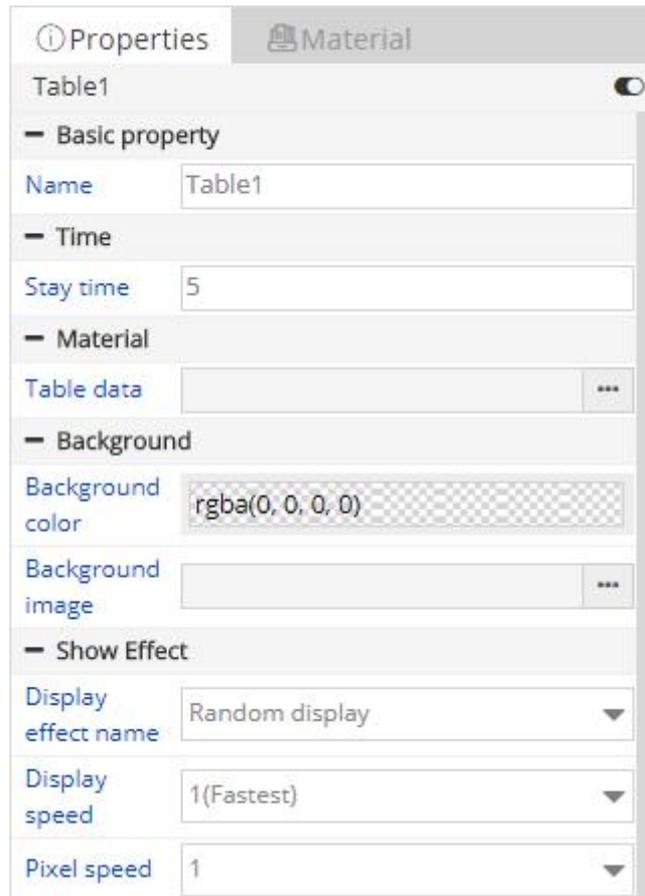
picture 6.2-4

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

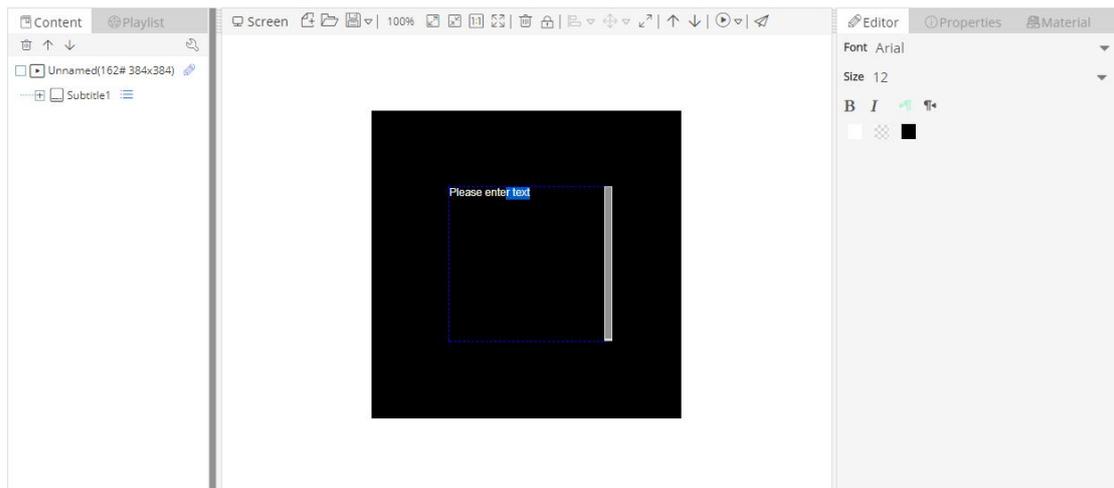
The property of the table in the image&text zone as shown in the picture 6.2- 6, including the basic property ,time ,material and show effect .in the material property ,user can select the other material as request. Users can integrated multi tables, or copy the content from Excel. But cannot copy table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



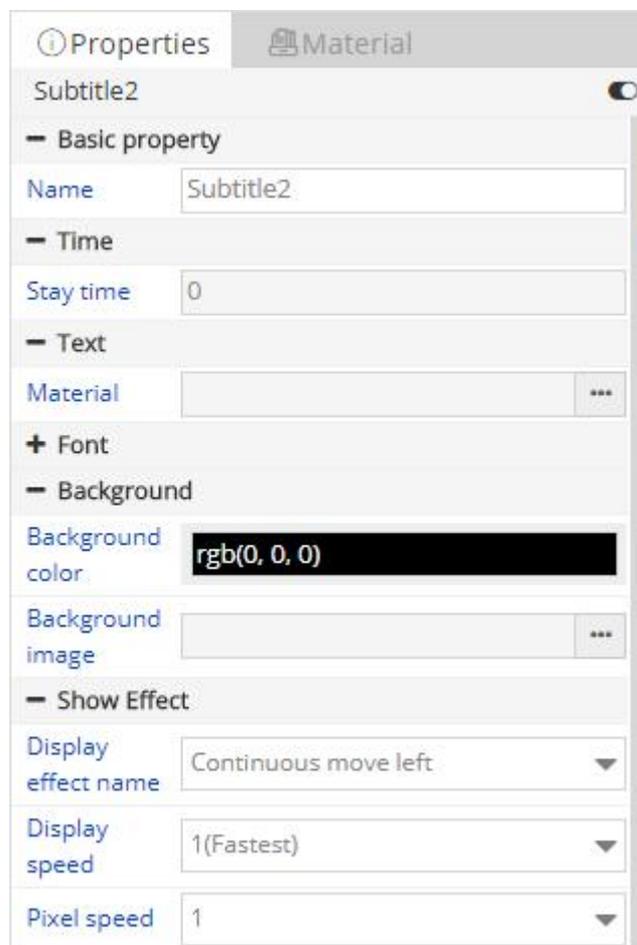
picture 6.2-6

## 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



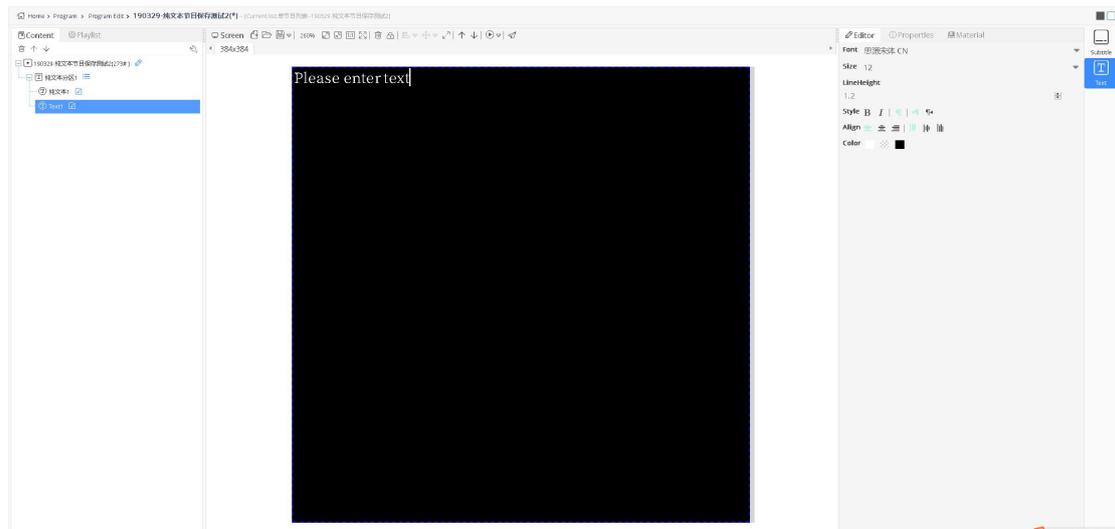
picture 6.3-2

## 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

**— Position size**

Left Margin

Top margin

Zone width

Zone height

**— Font**

Font name

Font size

Font weight

Font style

Text color

Text background color

**— Layout**

Word wrap

Horizontal align

Vertical align

**— Background**

Background color

Background image

Transparent

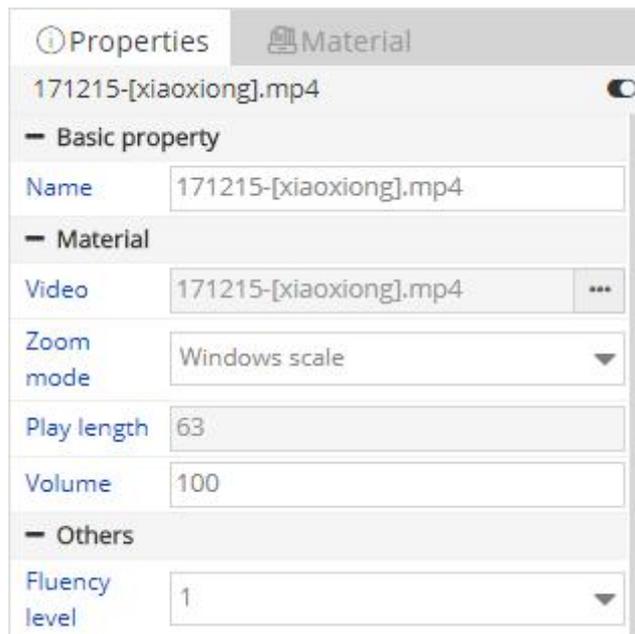
**— Others**

Fluency level

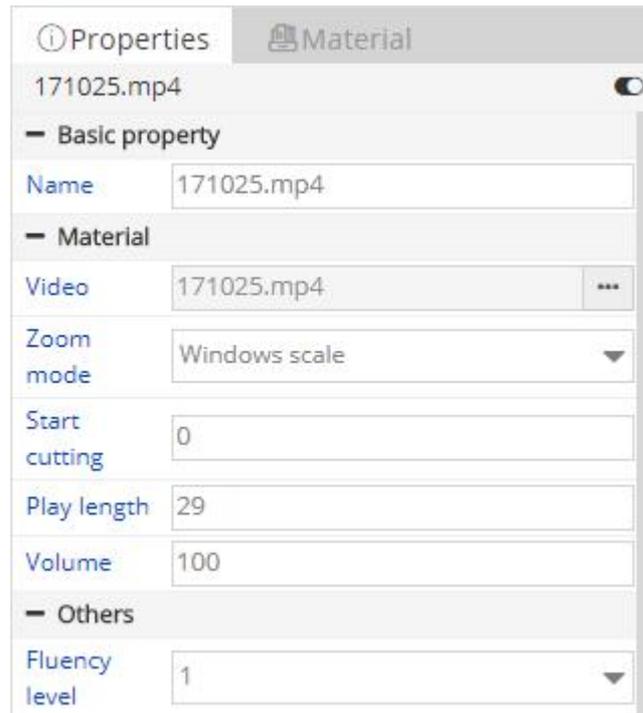
## 6.5 Video zone

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.



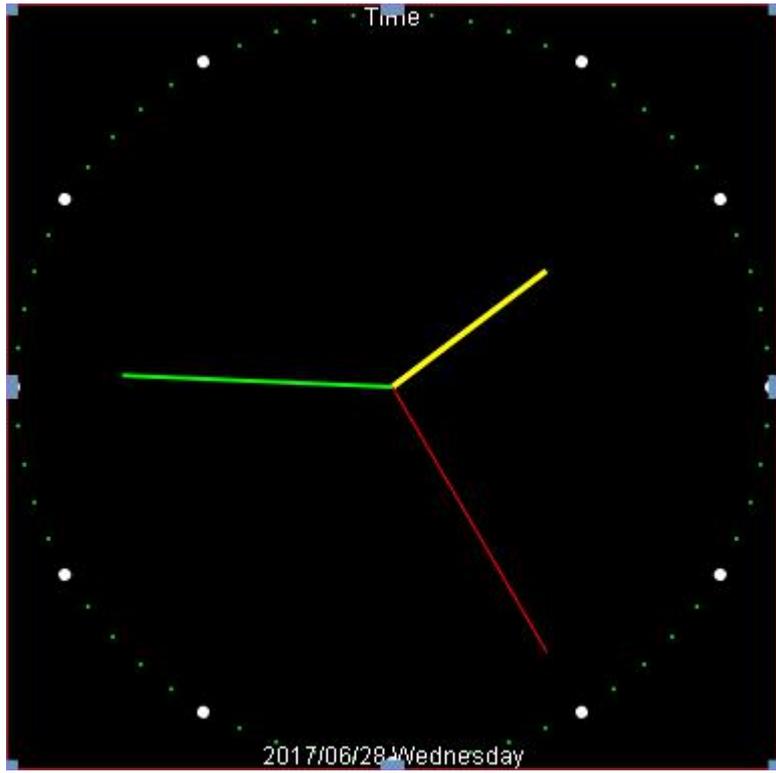
picture 6.5-1



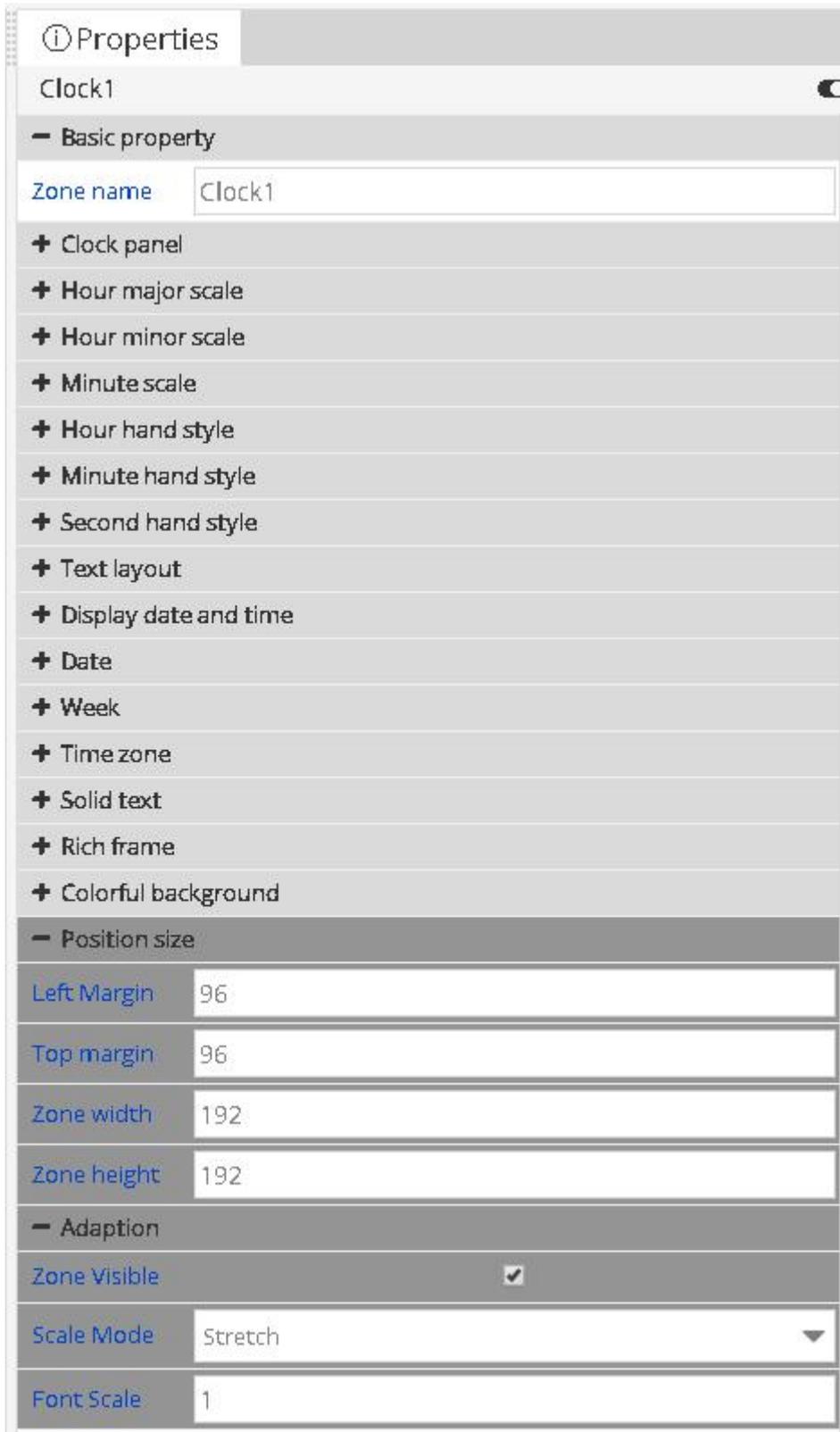
picture 6.5-2

## 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



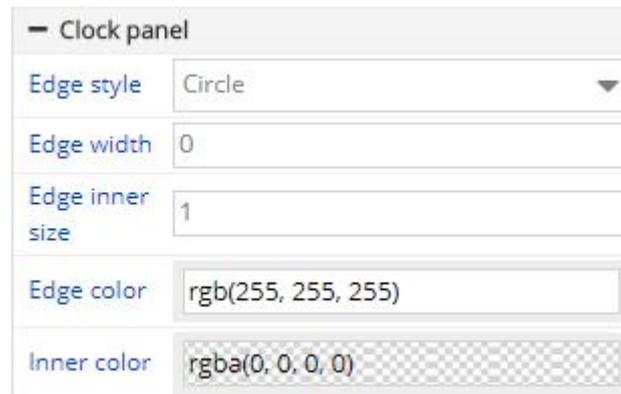
picture 6.6-2

---

## 6.6.1 Edit the clock

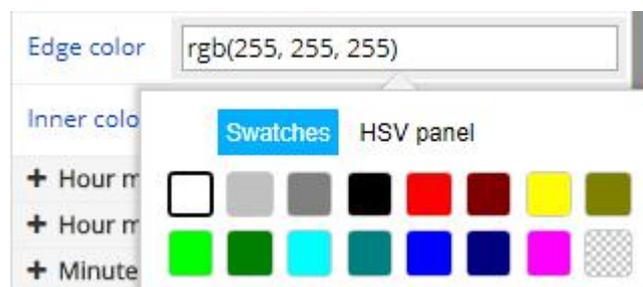
### 6.6.1.1 Edit the clock panel

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



picture 6.6-3

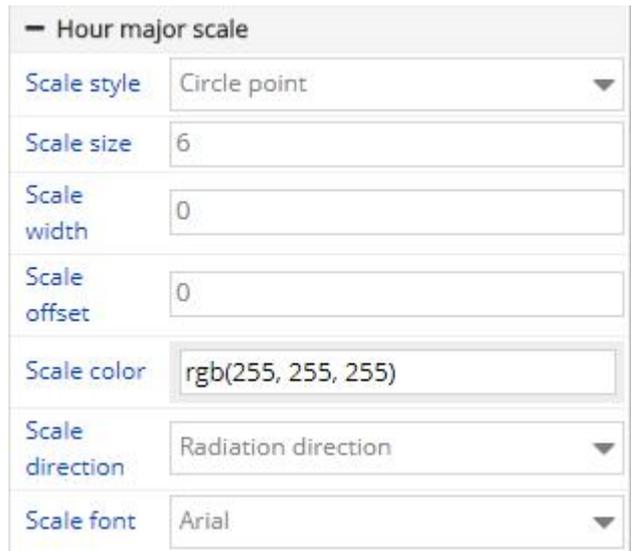
The edge color can be selected by the input box, as shown in the picture 6.6-4



picture 6.6-4

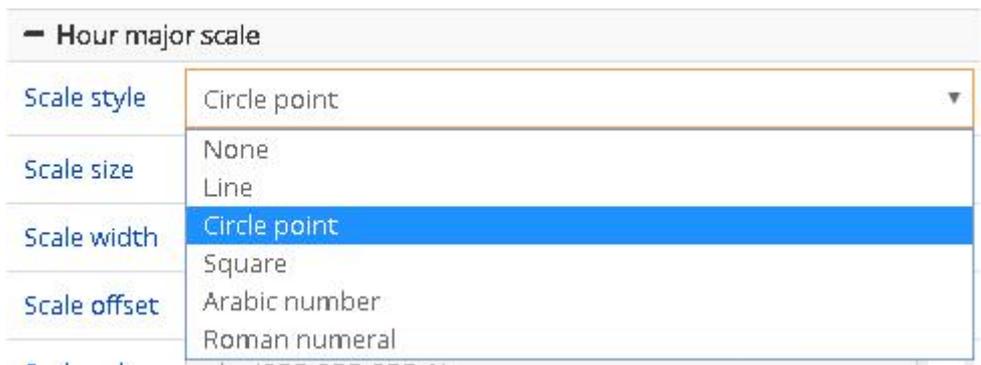
### 6.6.1.2 Edit the scale

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



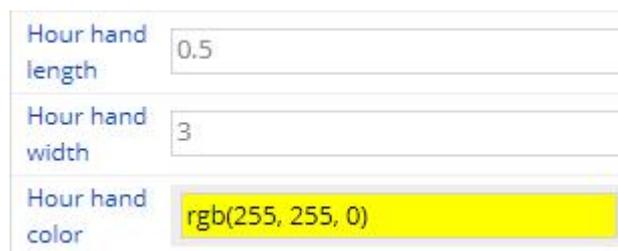
picture 6.6-7



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) week", 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.

---

- Date	
Display date	<input checked="" type="checkbox"/>
Date format	2016年3月5日
Horizontal shift	0
Vertical offset	0
Font name	Arial
Font size	12
Font weight	Normal
Font style	Normal
Text color	rgb(255, 255, 255)

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

- Week	
Display week	<input checked="" type="checkbox"/>
Week format	星期一
Horizontal shift	0
Vertical offset	0
Font name	Arial
Font size	12
Font weight	Normal
Font style	Normal
Text color	rgb(255, 255, 255)

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

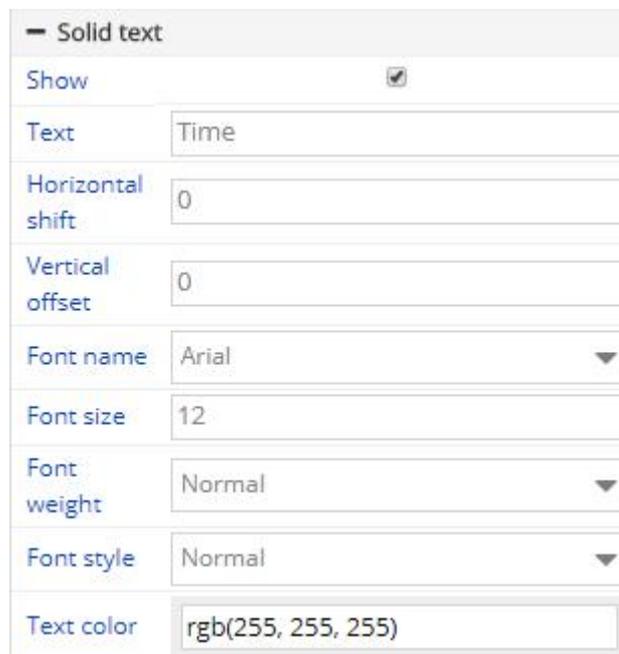


Time zone	
Hours	12
Minutes	-59

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



Solid text	
Show	<input checked="" type="checkbox"/>
Text	Time
Horizontal shift	0
Vertical offset	0
Font name	Arial
Font size	12
Font weight	Normal
Font style	Normal
Text color	rgb(255, 255, 255)

picture 6.6- 13

---

## 6.7 Time zone

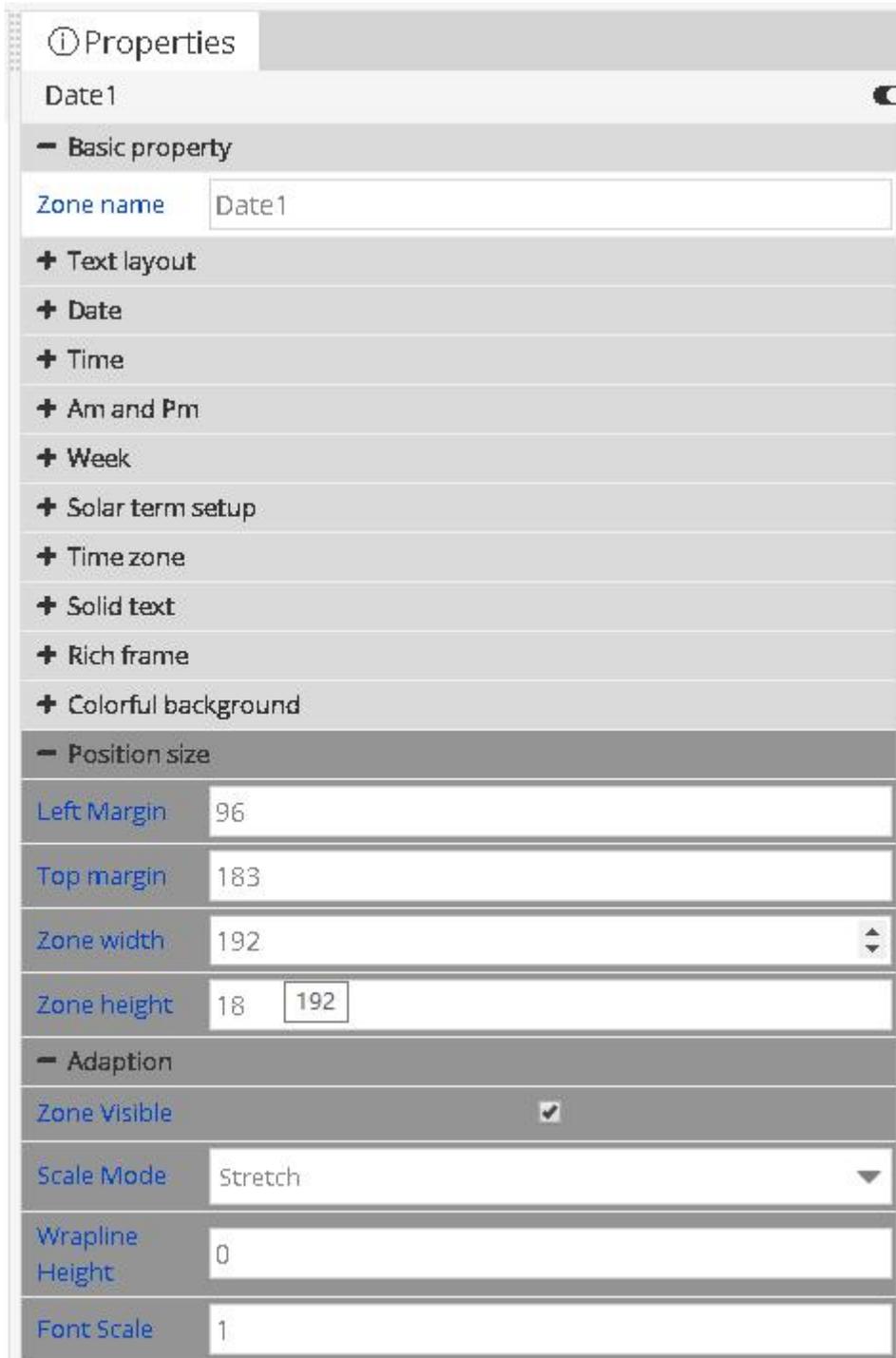
Time zone contains the text time material, as shown in the picture 6.7- 1



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

---

- Date	
Display date	<input checked="" type="checkbox"/>
Date format	2016/03/05 ▼
Font name	Arial ▼
Font size	12
Font weight	Normal ▼
Font style	Normal ▼
Text color	rgb(255, 255, 255)

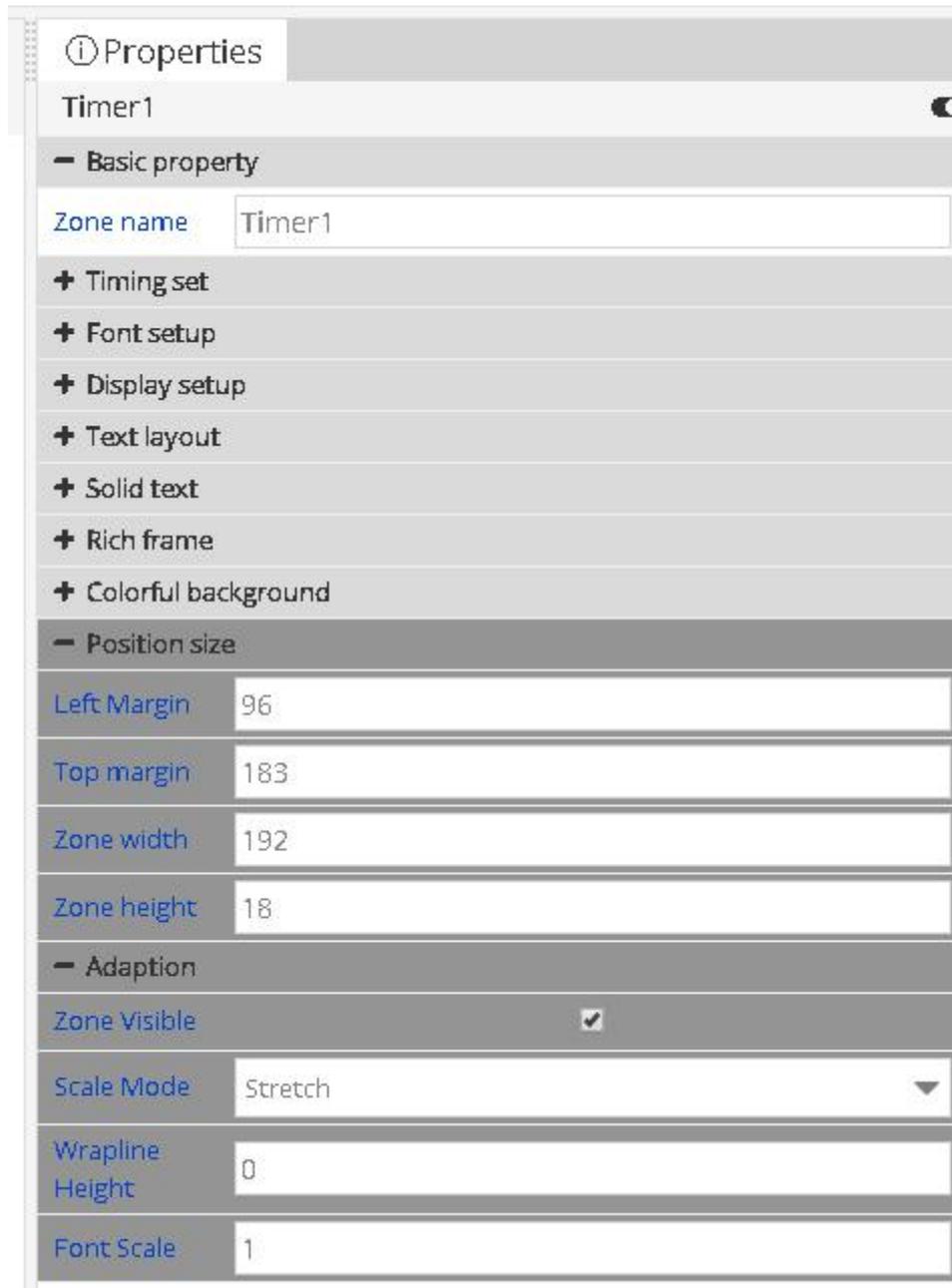
picture 6.7-3

## 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

- Timing set	
Timing mode	Countdown
Second cumulation	<input checked="" type="checkbox"/>
Display unit	<input checked="" type="checkbox"/>
Target date	2017-06-03
Target time	14:46:40

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)

---

— Display setup	
Display days	<input checked="" type="checkbox"/>
Day length	<input type="text" value="0"/>
Display hour	<input checked="" type="checkbox"/>
Hour decimal	<input type="text" value="0"/>
Display minute	<input checked="" type="checkbox"/>
Minute decimal	<input type="text" value="0"/>
Display second	<input checked="" type="checkbox"/>
Second decimal	<input type="text" value="0"/>

picture 6.8-4



picture 6.8-5

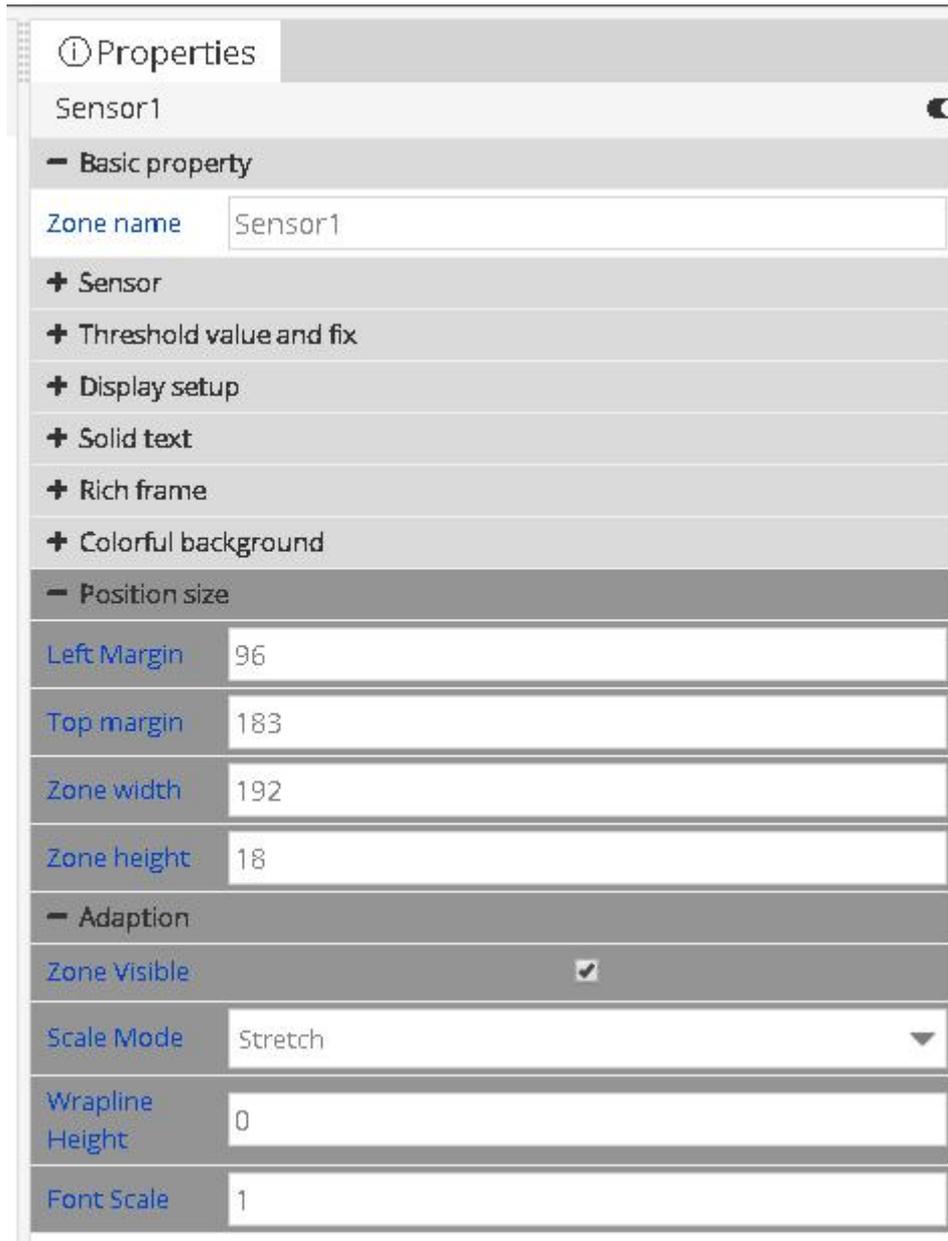
---

## 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 .

- Sensor	
Display data	Temperature
Sensor type	Temperature sensor
Sensor address	Temperature sensor interface 1
Refresh time	4

picture 6.9-3

- Sensor	
Display data	Temperature
Sensor type	Temperature
Sensor address	Humidity
Refresh time	Noise
	Brightness
	Water level
	Level
	4

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.

- Sensor	
Display data	Temperature
Sensor type	DS18B20
Refresh time	4

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

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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 )

— Threshold value and fix

Sensor correction value

threshold mode

Sensor threshold

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.

---

- Display setup	
Display unit	<input checked="" type="checkbox"/>
Display Unit	Degree centigrade ▼
Decimal	1
Font name	Arial ▼
Font size	12
Font weight	Normal ▼
Font style	Normal ▼
Normal color	rgb(0, 255, 0)
Alarm color	rgb(255, 0, 0)

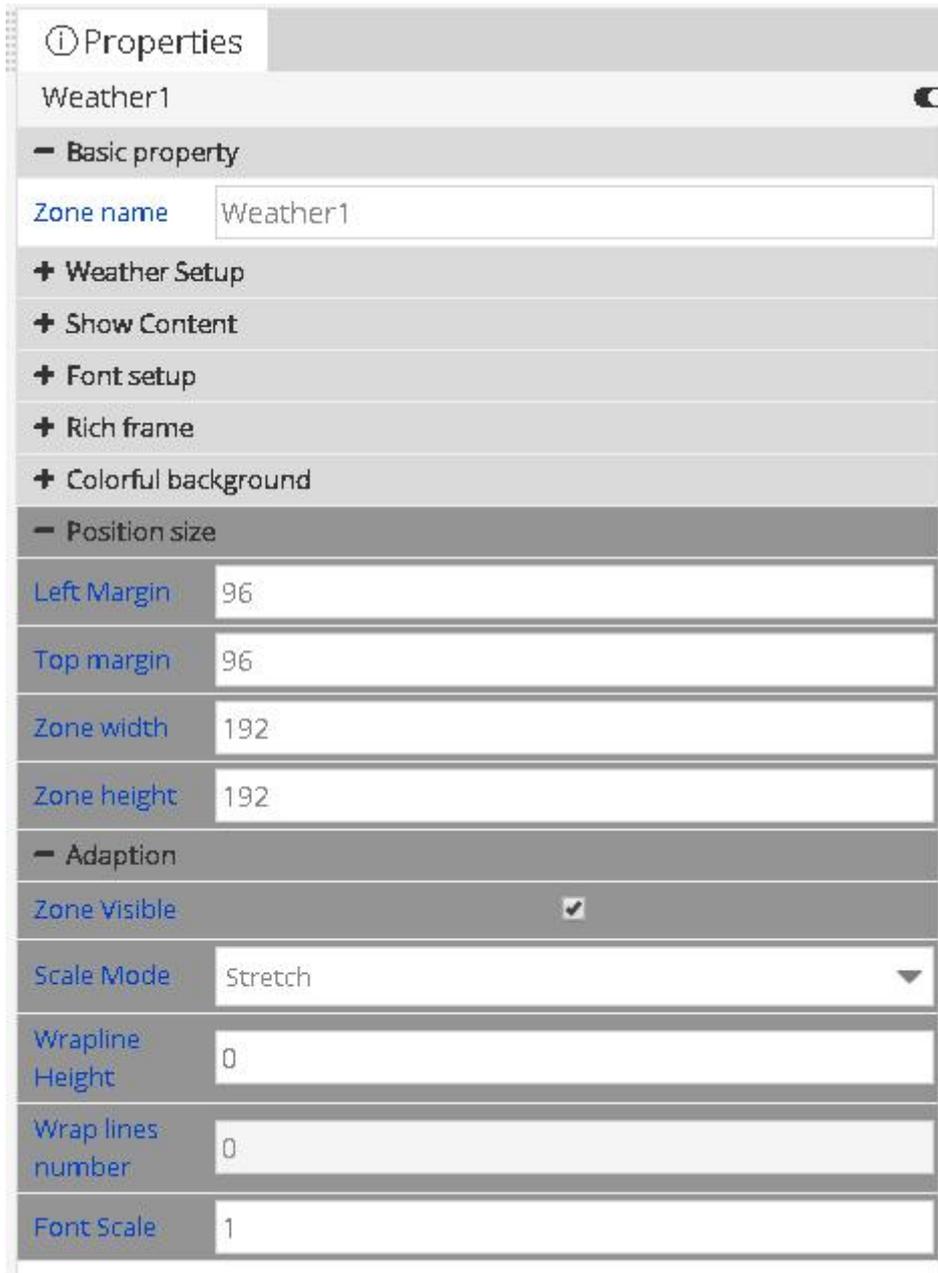
picture 6.9-7

## 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.

- Weather Setup	
Word wrap mode	Multi-line mode ▼
Display mode	Today ▼
Country	中国 ▼
Province	北京 ▼
City	北京 ▼
District	北京 ▼

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)

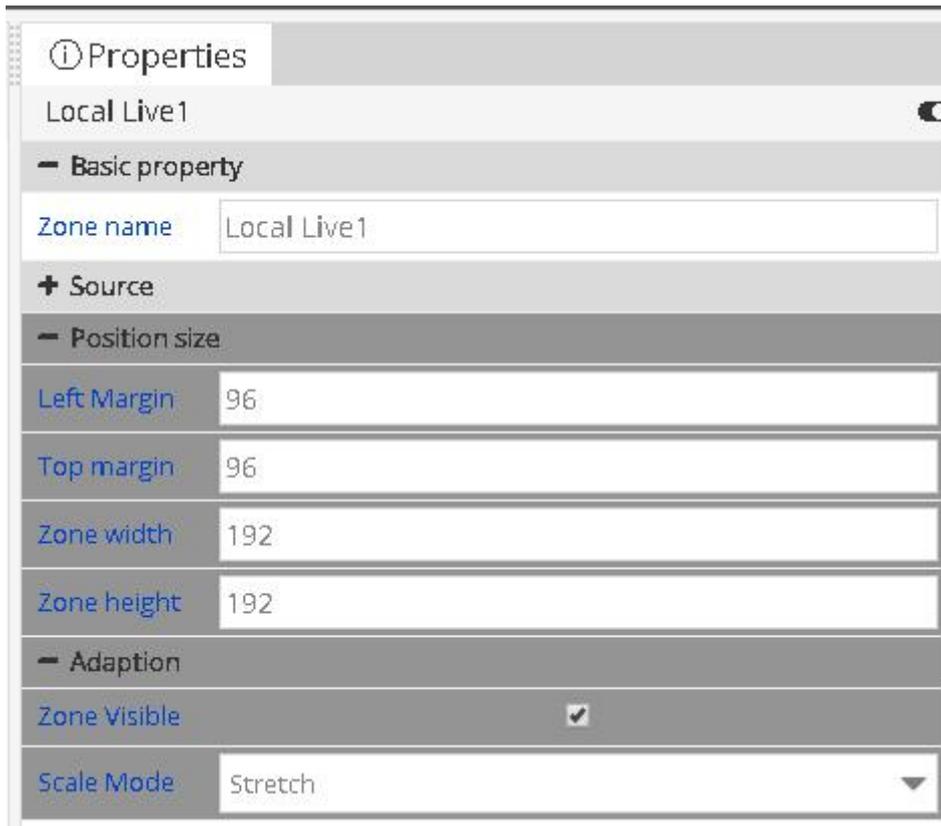
---

— Show Content	
Display icon	<input checked="" type="checkbox"/>
Icon size	32x32 <span style="float: right;">▼</span>
Display city	<input checked="" type="checkbox"/>
Display weather	<input checked="" type="checkbox"/>
Display temperature	<input checked="" type="checkbox"/>
Display air quality	<input checked="" type="checkbox"/>
Display wind direction and speed	<input checked="" type="checkbox"/>
Display comfort index	<input checked="" type="checkbox"/>
Display morning exercise index	<input checked="" type="checkbox"/>
Display dressing index	<input checked="" type="checkbox"/>

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

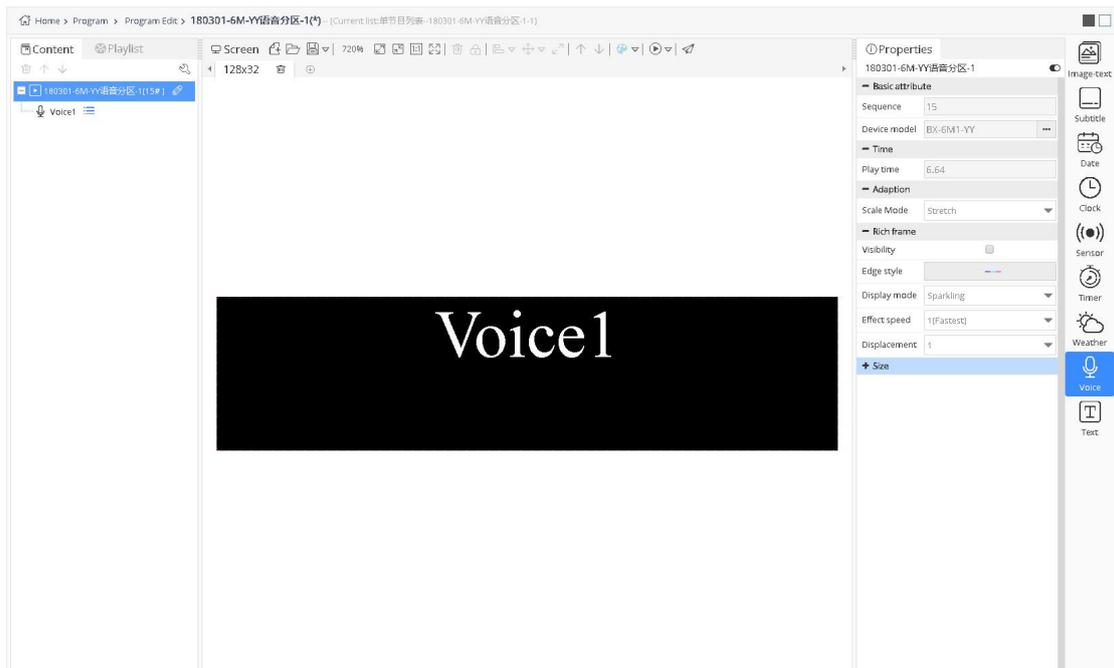


picture 6.11- 1

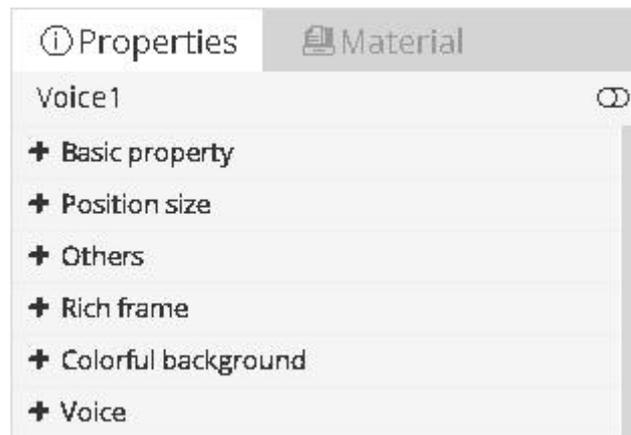
In the input video source ,there is two option “HDMI” and “CVBS”, If customer select display forever ,then will display all the time ,if not select it ,then will display by fixed time .

## 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.

---

- Voice	
Enabled	<input type="checkbox"/>
Type	Xiao Yan(Female, recommend ▼)
Speed	5 ▼
Volume	5 ▼
Times	1 ▼
Delay	0
Mode	Play zone text ▼
Voice Text	<div style="border: 1px solid #ccc; height: 100px; width: 100%;"></div>

picture 6.12-3

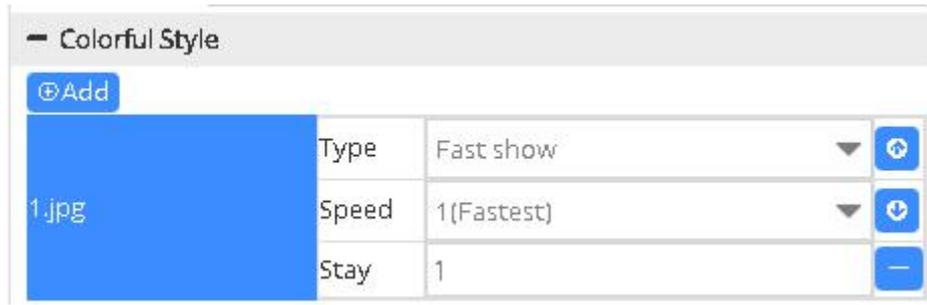
## 6.13 Colourful font Zone

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

---

① Properties		Material
Colorful font1		<input type="checkbox"/>
<b>Basic attribute</b>		
Zone name	Colorful font1	
<b>Font</b>		
Font name	0416	▼
Font size	12	
Font weight	Normal	▼
Font style	Normal	▼
<b>Layout</b>		
Horizontal align	Align left	▼
Vertical align	Align top	▼
<b>Colorful Style</b>		
<input type="button" value="⊕ Add"/>		
<b>Position size</b>		
Left Margin	0	
Top margin	0	
Zone width	192	
Zone height	192	
<b>Adaption</b>		
Zone Visible	<input checked="" type="checkbox"/>	
Scale Mode	Stretch	▼
Font Scale	1	

picture 6.13-1



picture 6.13-2

<span>📄 Editor</span> <span>🔍 Properties</span> <span>📁 Material</span>	
Colorful font2 <span>🔴</span>	
<b>— Basic attribute</b>	
Name	Colorful font2
<b>— Text</b>	
Material	<input type="text"/> ...
<b>— Font</b>	
Font name	0416 ▼
Font size	12
Font weight	Normal ▼
Font style	Normal ▼
<b>— Layout</b>	
Text Direction	Left to right ▼
Horizontal align	Align left ▼
Vertical align	Align top ▼
Space	1.2
<b>— Show ColorfulFont</b>	
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 ▼

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picture 6.13-3

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## 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 30<sup>th</sup>, 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](http://www.iledcloud.cn) (The corresponding web server IP is the same; Overseas users, please enter into: [www.iledcloud.com](http://www.iledcloud.com) (The corresponding web server IP is : 149.129.145.83).

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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.

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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.