Interactive digital signage CMS user manual-SIOXCFZ

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Preparation:

Network: Wan,Lan,wifi,3G/4G

Hardware configuration Suggested:

0.1 DSS

Item	Server side	Android Terminal	Windows Terminal
CPU	Intel Xeon E3-1230 v3 MHz 3.3GHz	Allwinner dual core A20,MHz 1.0GHz	Intel dual cores 1037u MHz1.8GHz
Memory	8G DDR3	1G	2G DDR3
Internal strorage	Hard disc 1T	4G	Hard disc 500G

0.2 Interactive DSS

Item	Server side	Android Terminal	Windows Terminal
CPU	Intel Xeon E3-1230 v3 MHz 3.3GHz	Reltek four cores RK3188 MHz 1.6GHz	Intel dual cores I3, MHz 2.4GHz
Memory	16G DDR3	2G	4G DDR3
Internal strorage	Hard disc 2T	8G	Hard disc 500G

0.3 Face recognition system

Item	Server side	Android Terminal	Windows Terminal
CPU	Intel Xeon E3-1230 v3 MHz 3.3GHz	Reltek 4 cores RK3188 MHz 1.6GHz	Intel dual cores I3, MHz 2.4GHz
Memory	16G DDR3	2G	4G DDR3
Internal strorage	Hard disc 2T	8G	Hard disc 500G

Operation step

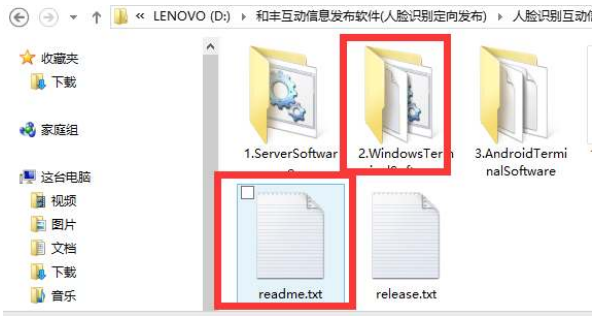
1. **Installation (installation in terminal and server) and connection**
2. **Login to Control platform**
3. **Make server and terminal registered**
4. **Upload resources**
5. **Program editing**
6. **Program schedule and sending to terminal**

8. Central management control and setting

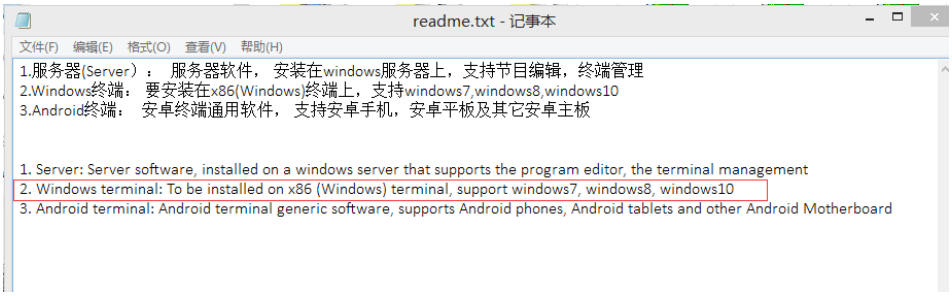
1. Installation

1.1 Windows terminals installation and connecting setting

1.1.1. After download and decompress the installation file, there are five files included,as picture shows:



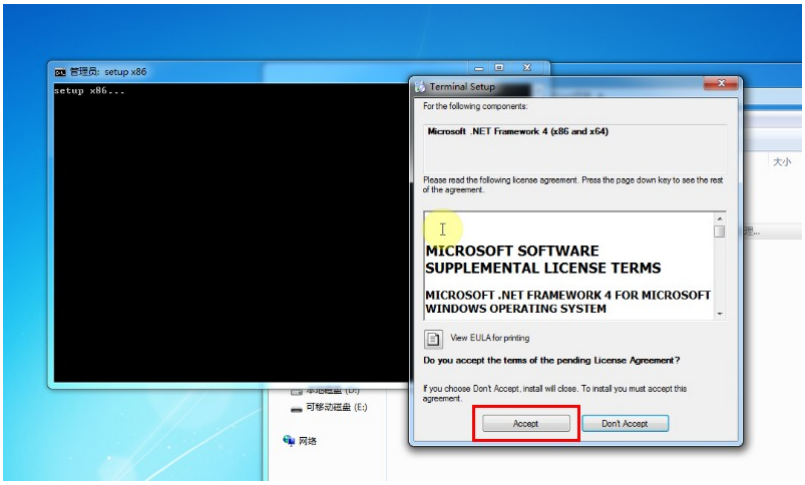
1.1.2. Pleas click “readme” to know some tips for the windows terminal installation:

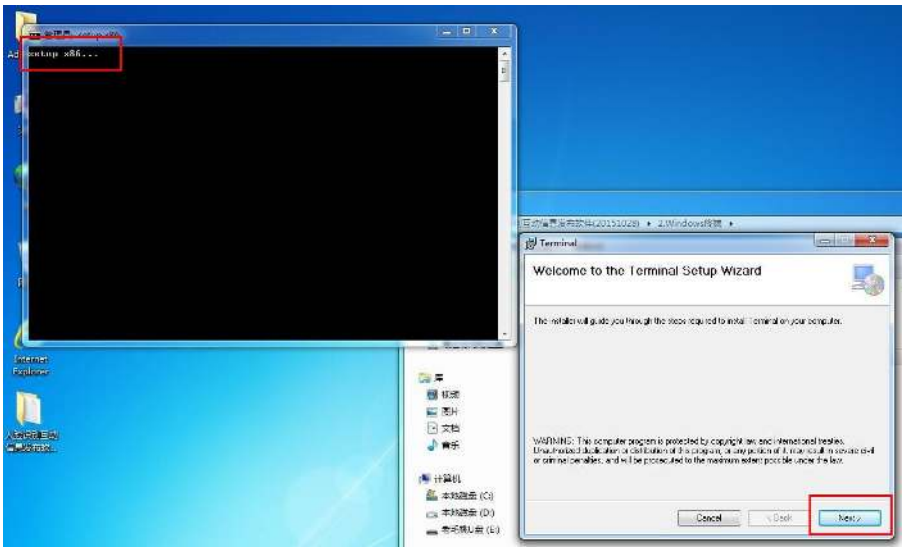


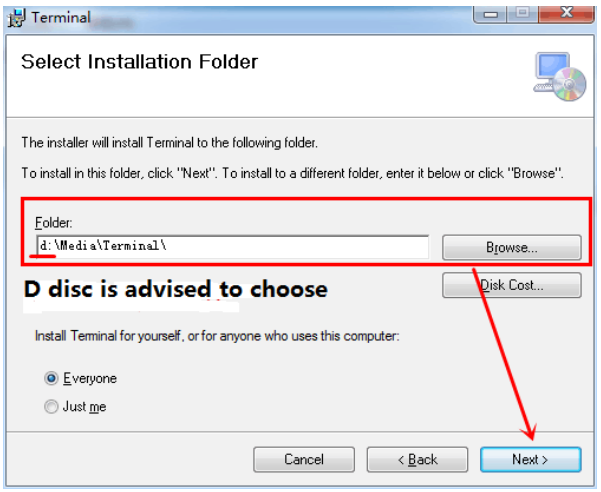
1.1.3. Click and go into “WindowTerminal ” file,double click “setup.bat” or run this file with administrator identification.

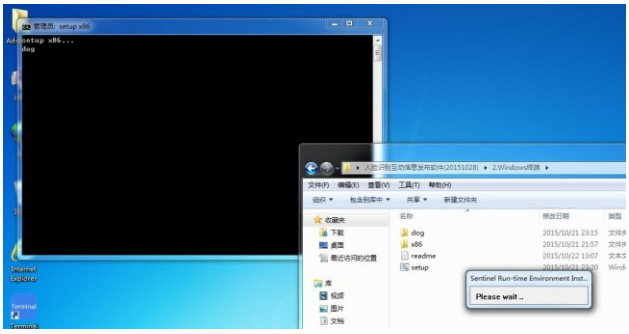
Note: This is batch file,just click this”setup.bat”,then the package can be installed automatically,just select the save access in the procedure. If there comes any problem,you can also find solution in the following:

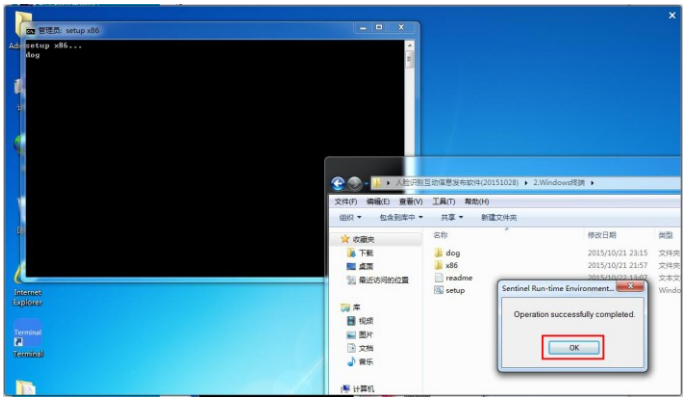
1.1.3.1. The following pictures are automatical installation procedure.Just pay attention to the red mark. Others just click “next” button.

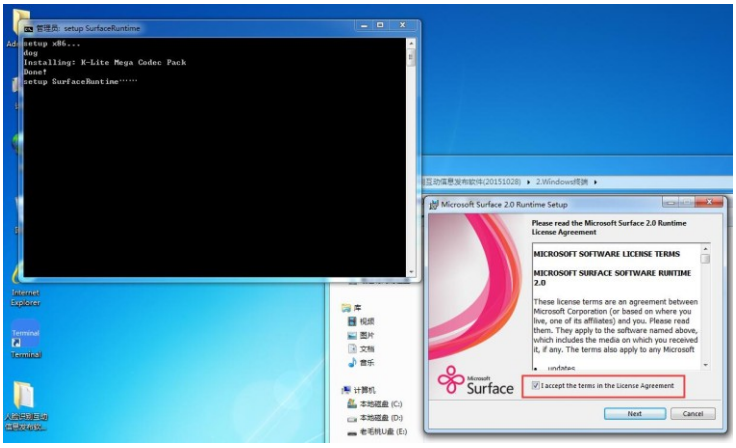

setup x86...
Terminal Setup
For the following components:
Microsoft .NET Framework 4 (x86 and x64)
Please read the following license agreement. Press the page down key to see the rest of the agreement.
MICROSOFT SOFTWARE SUPPLEMENTAL LICENSE TERMS
MICROSOFT .NET FRAMEWORK 4 FOR MICROSOFT WINDOWS OPERATING SYSTEM
View EULA for printing
Do you accept the terms of the pending License Agreement?
If you choose Don't Accept, install will close. To install you must accept this agreement.
Accept
Don't Accept

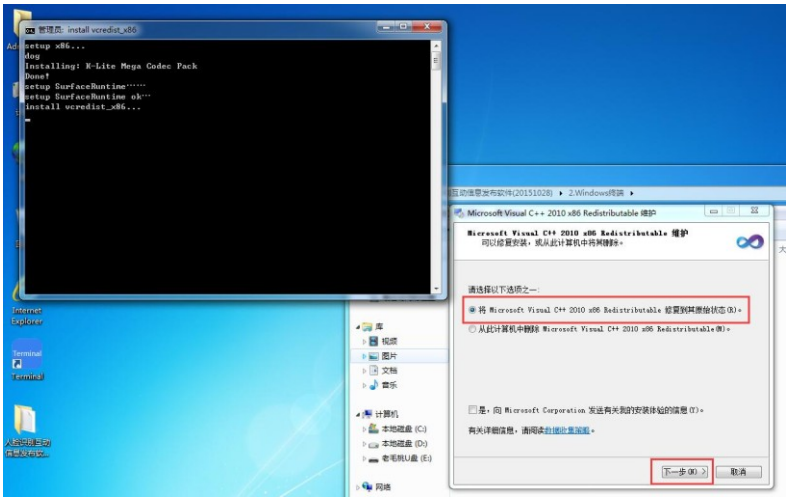

Terminal
Welcome to the Terminal Setup Wizard
Cancel
Next

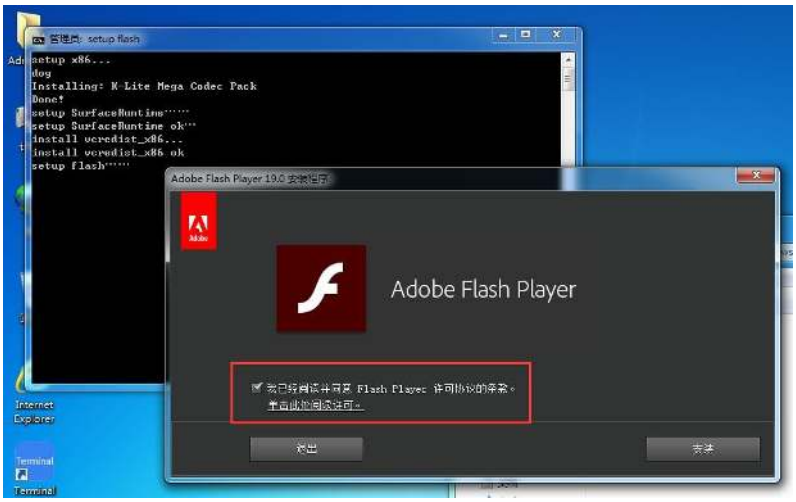

Terminal
Select Installation Folder
The installer will install Terminal to the following folder.
To install in this folder, click "Next". To install to a different folder, enter it below or click "Browse".
Folder:
d:\Media\Terminal\
Browse...
D disc is advised to choose
Disk Cost...
Install Terminal for yourself, or for anyone who uses this computer:
Everyone
Just me
Cancel
< Back
Next >


Sentinel Run-time Environment Inst...
Please wait ..

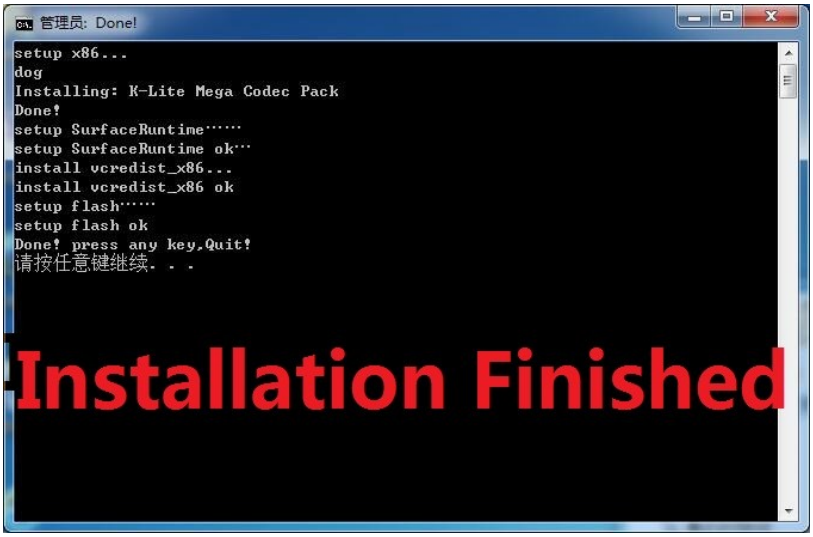

Sentinel Run-time Environment...
Operation successfully completed.
OK

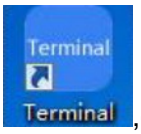

Installing: K-Lite Mega Codec Pack
Done!
Setup SurfaceRuntime……
Microsoft Surface 2.0 Runtime Setup
Please read the Microsoft Surface 2.0 Runtime License Agreement
MICROSOFT SOFTWARE LICENSE TERMS
MICROSOFT SURFACE SOFTWARE RUNTIME 2.0
I accept the terms in the License Agreement
Next
Cancel



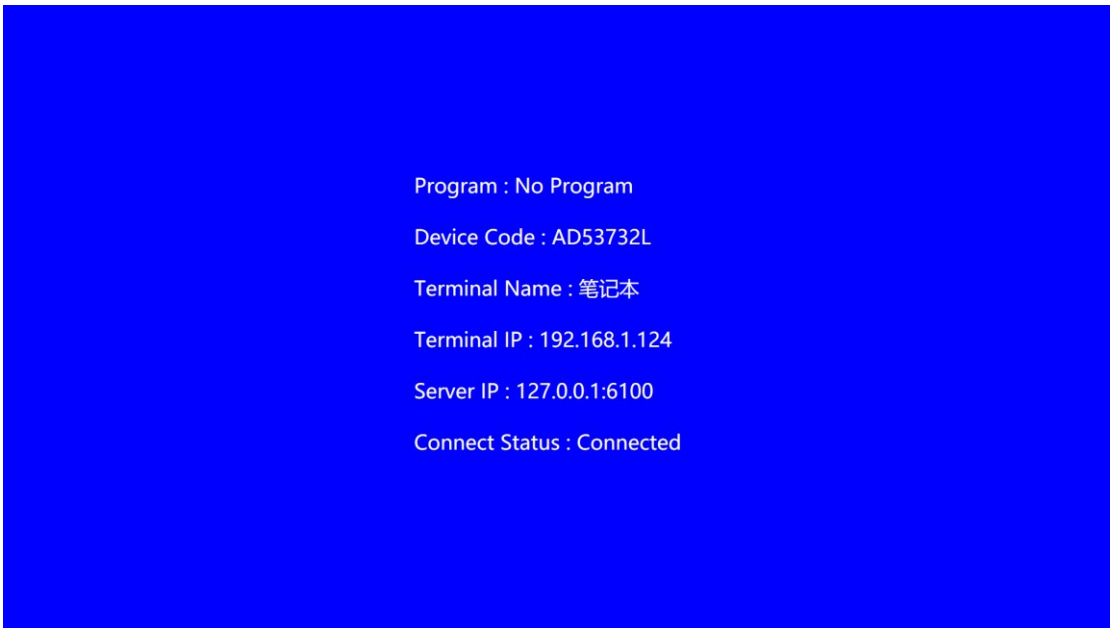


When the following interface pop-up,then it stands for installation finished. And you can press any key to go on to run.



1.1.4. Then you can find one icon in the desktop of terminal 

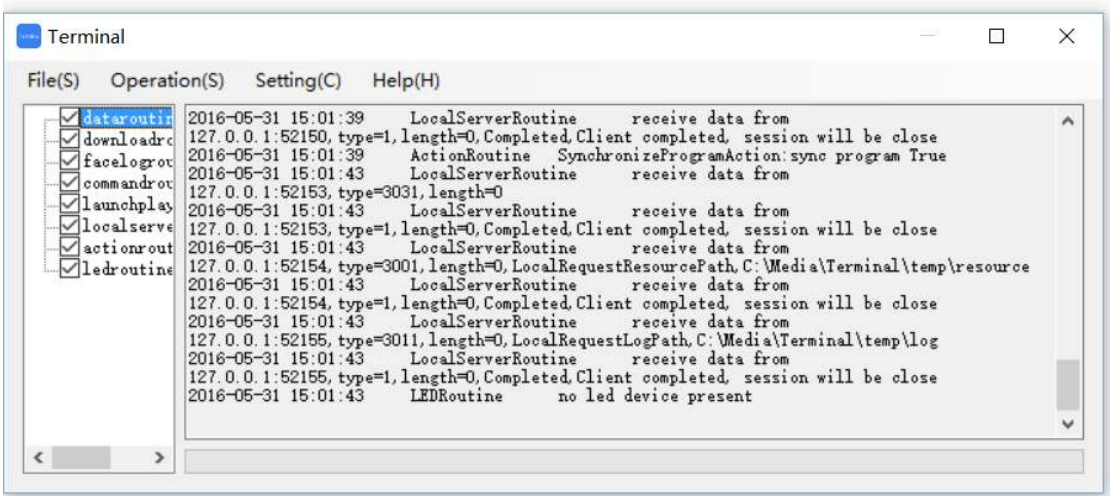
,double click to open to enter the terminal interface setting,then there comes a blue picture as follows:

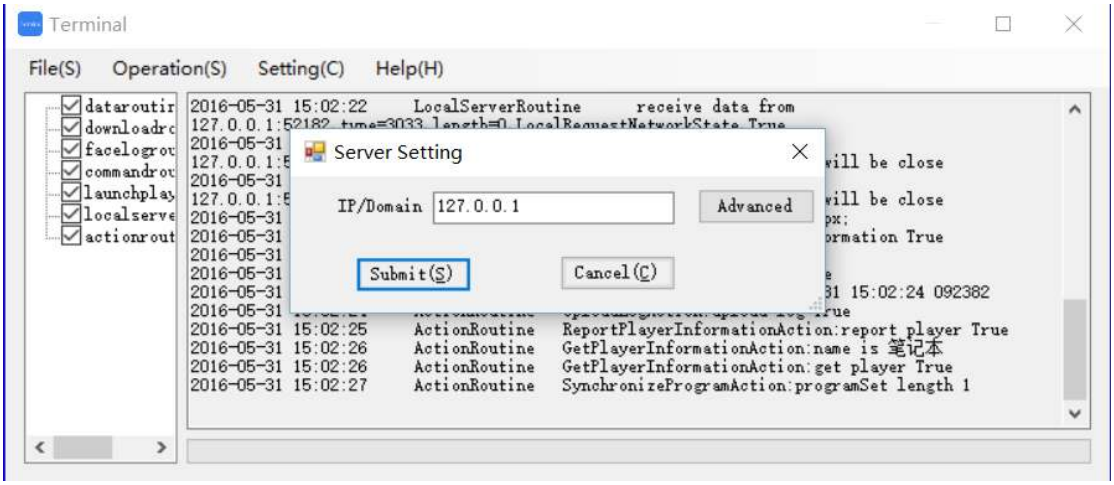


You can read some information like: machine number,if there is program,IP address,if connect to server side or not etc.

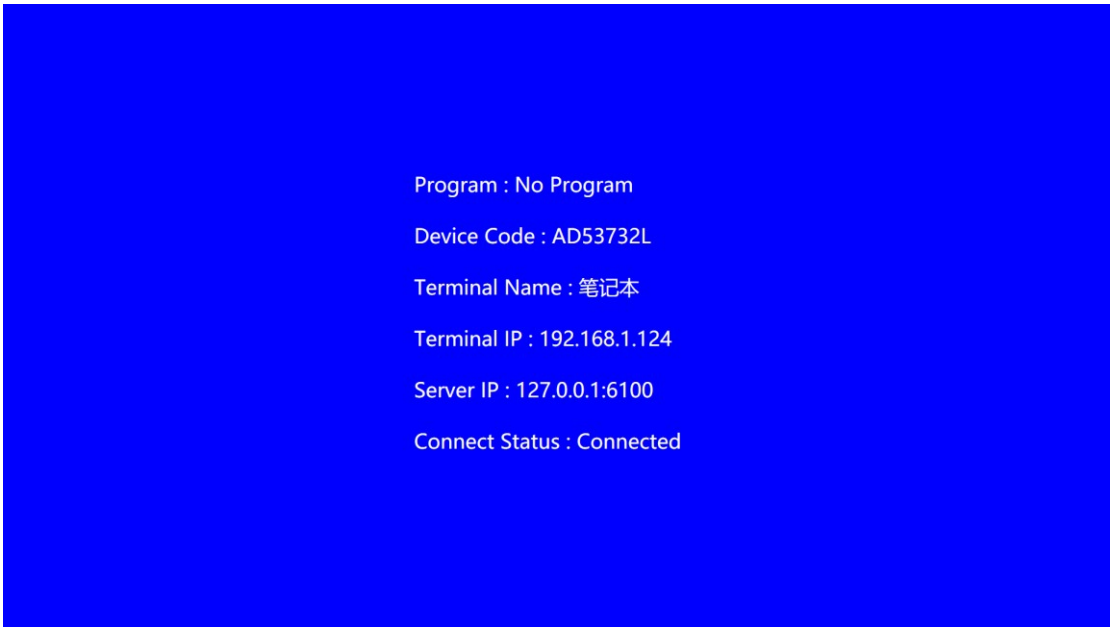
1.1.5 Connection setting:

Press “F12” and select “setting” in the popup window to input the IP address of server.





If connect successfully, then the following picture will show “Connect Status: Connected”



1.2 Android Terminal installation and Server IP setting

1.2.1. Open installation package “3.AndroidTerminal”,then you can see the following:



Note: Android Terminal (including Android AD player,phone,or IPAD) need installing apk,just install the first file with “receiver” and the last one with name”player”.





After installation,open the icon “terminal”,and click right mouse,then there pop up a window as follows:

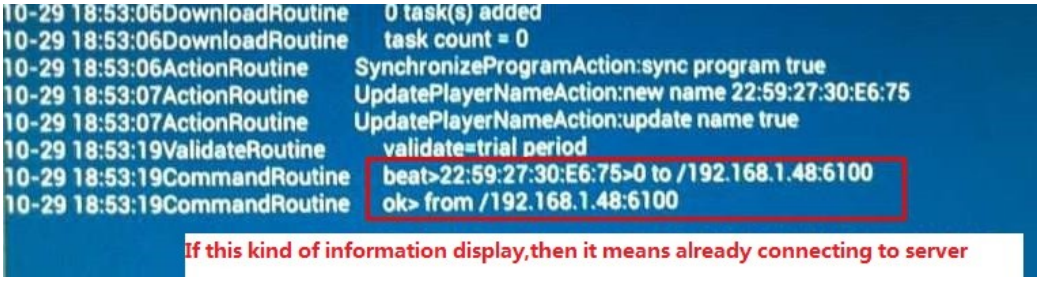
1.2.2.click right mouse,then there pop up a window as follows:



1.2.3. Click “setting” and input the IP address,and can modify the terminal name here.



1.2.4 Click “log’,you can check if it is already connect to the server side.



2. Login to control platform

I. Preparation:

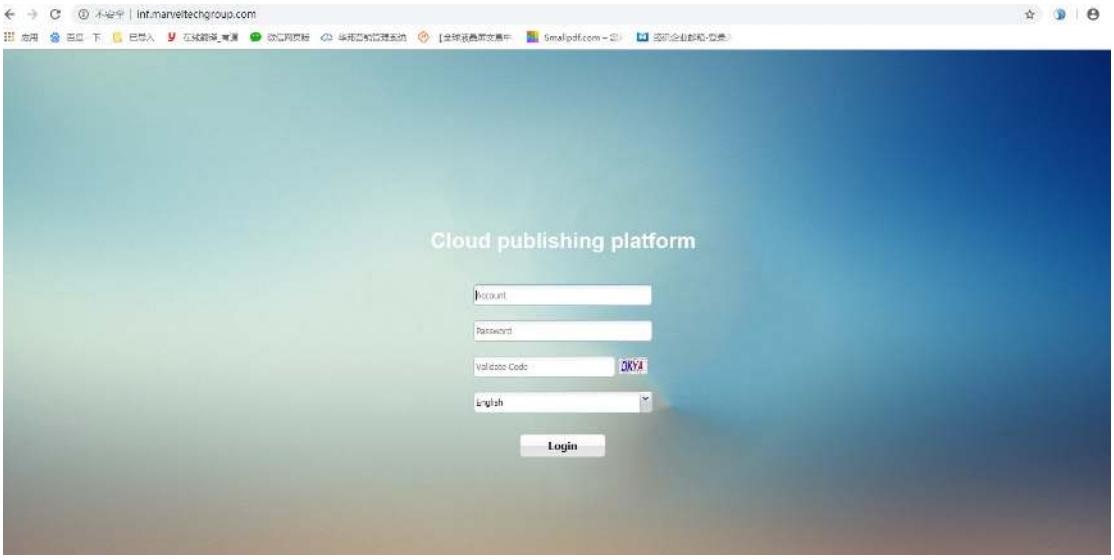
A. Network: make sure the servere and terminal are on line. (For Lan,pleas confirm the server and terminal are on the same segment of the same LAN)

B. Find the server (installed our software) IP address,and make sure the terminal side has input right IP adddress of the server.

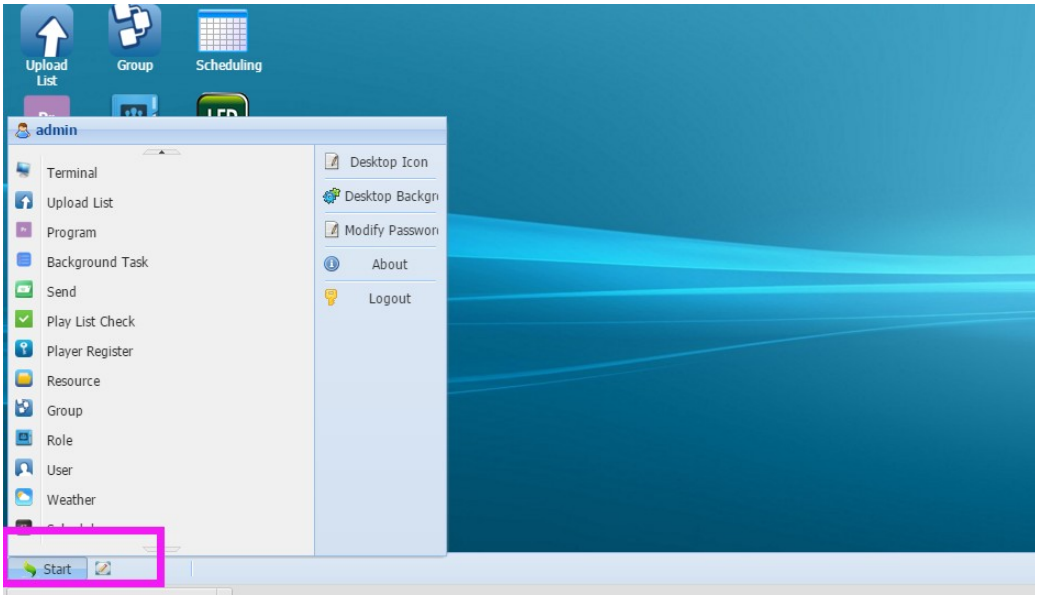
C. Make sure you have chrome on your pc. (If don't have chrome,you can directly find our package in access:C:\Media\Server\Web\Browser\Browser)

II. Open Chrome, firefox web browser and Login in server

Open Chrome and input the address: http://inf.marveltechgroup.com



C. Select language as you need (Optional language include Chinese,English and Russian),Then click “Login”,and the operation interface come out,pls click “start”--”desktop icon” to add more operation icons to the desk.

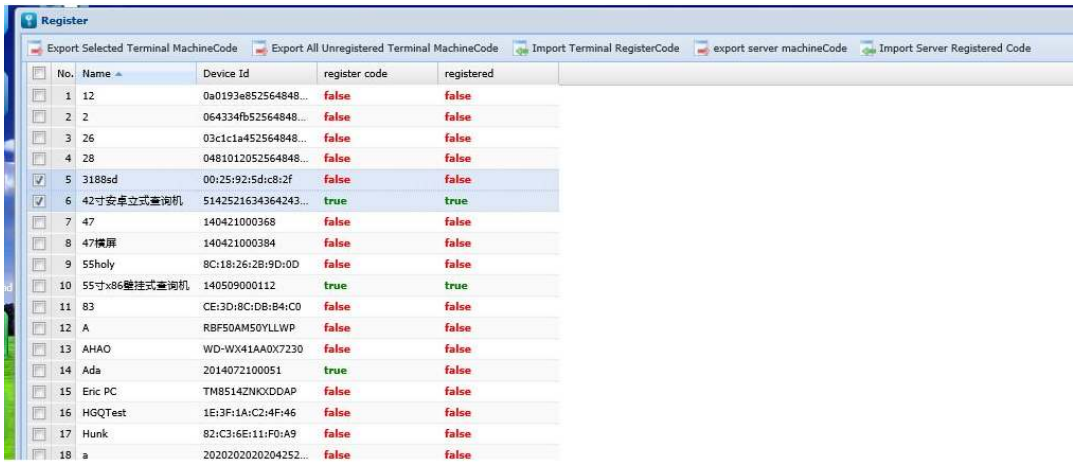


3. Registration for license

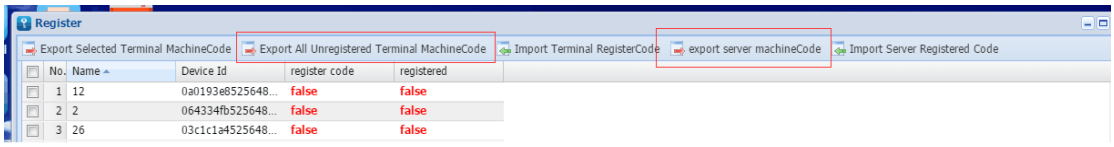
Usually,the server software is free. But in order to ensure the normal running,you have to make server registered. When there is only one icon “Register” in the operation interface,then you have to do this . If you have to test in the terminal or you have paid for the terminal license,you can also register yourself with the following steps:

3.1. Have your sever,one Android terminal and one windows terminal on line.

3.2. Open "Register": open the operation interface of howfor digtial signage software---click icon "register",then the following interface pop up:



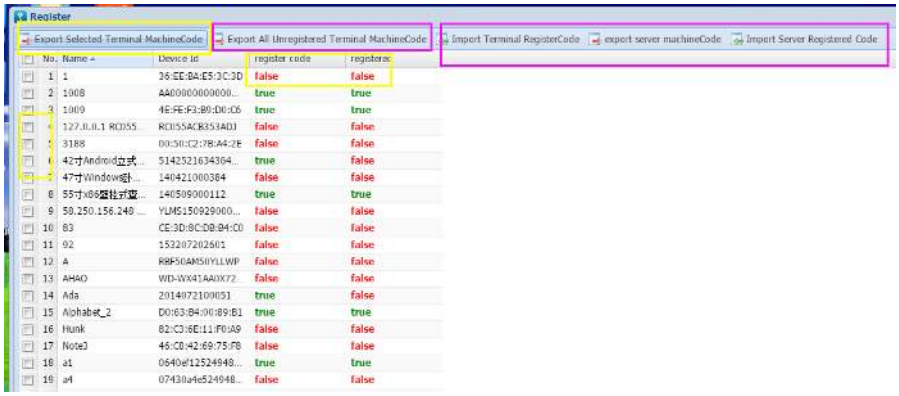
3.3. Export terminal: check off all the terminals you want to register--Click the botton as marked in the above "Export All Unregistered Terminal Machine Code"---Save the exported file with zip format.



3. 4. Export server: check off the server you want to register--Click the botton as marked in the above "Export severMachine Code"---Save the exported file with zip format.

3.5. Send the two saved zip files to howfor,and waiting the reply with code.

3.6. When Howfor send back the register code,just select the right server /terminal and click the import button as follows,you can also check if it is registered here:

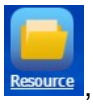


Note:

1.If for testing,the default testing time is 48 hours,if you need longer time,you can contact to Howfor to register a longer time.

2. The server and terminal must be online when registration.

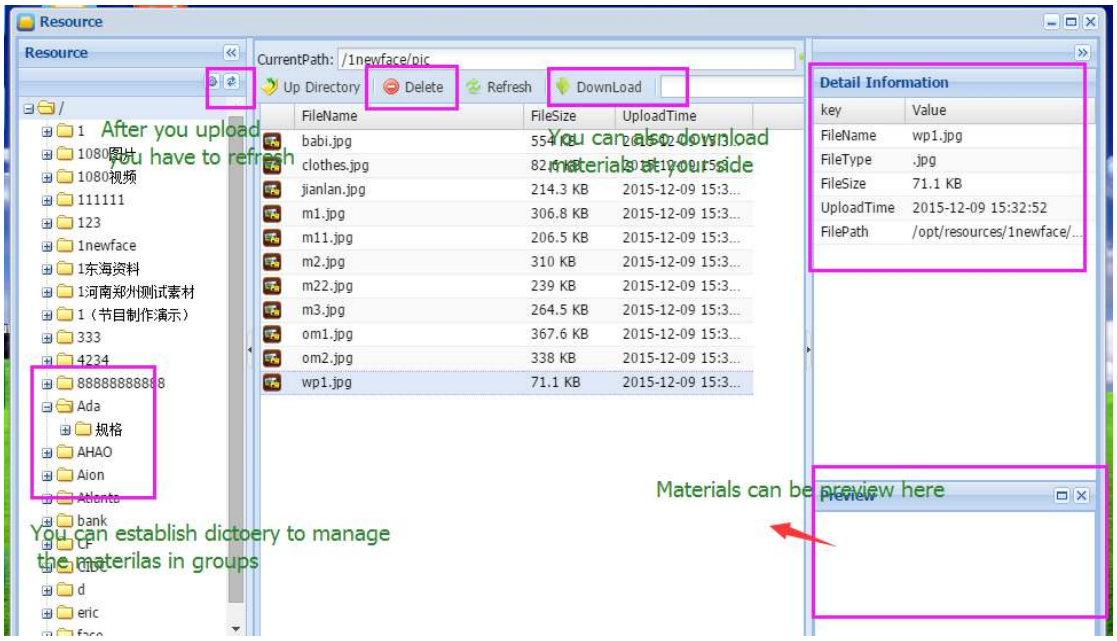
4.Upload resource

There are two way to upload materials: one is under icon 

,another is under icon 

4.1 icon “Resource’

After click icon “Resource”,you can upload,manage and download the materials here:



4.2 The resource list under “Program”

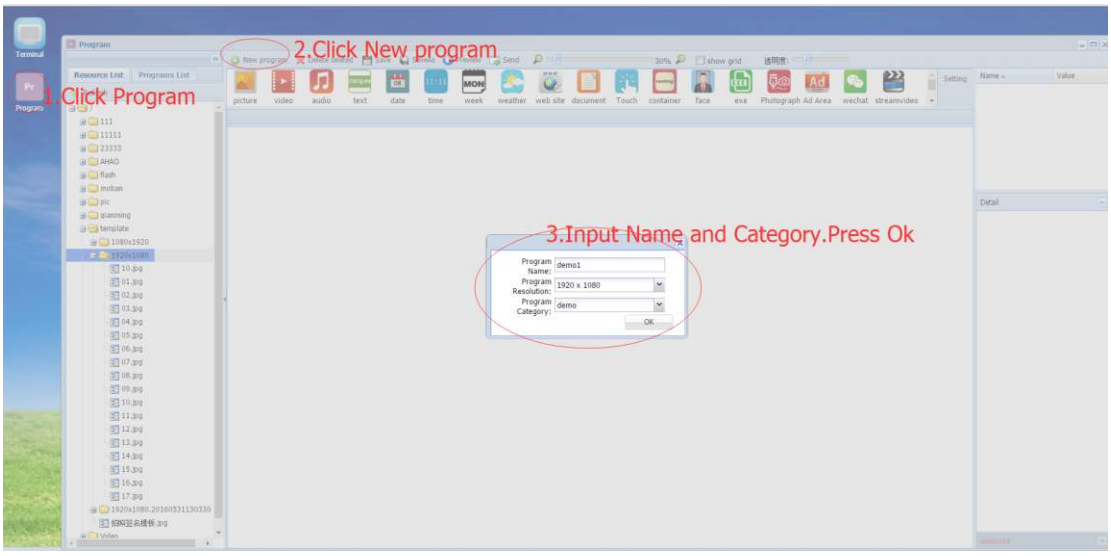
The resource list in the program editing interface,is mainly for the convenience of program editing in time. Here you can upload,group in directory and delete the materials.

5.Program editing

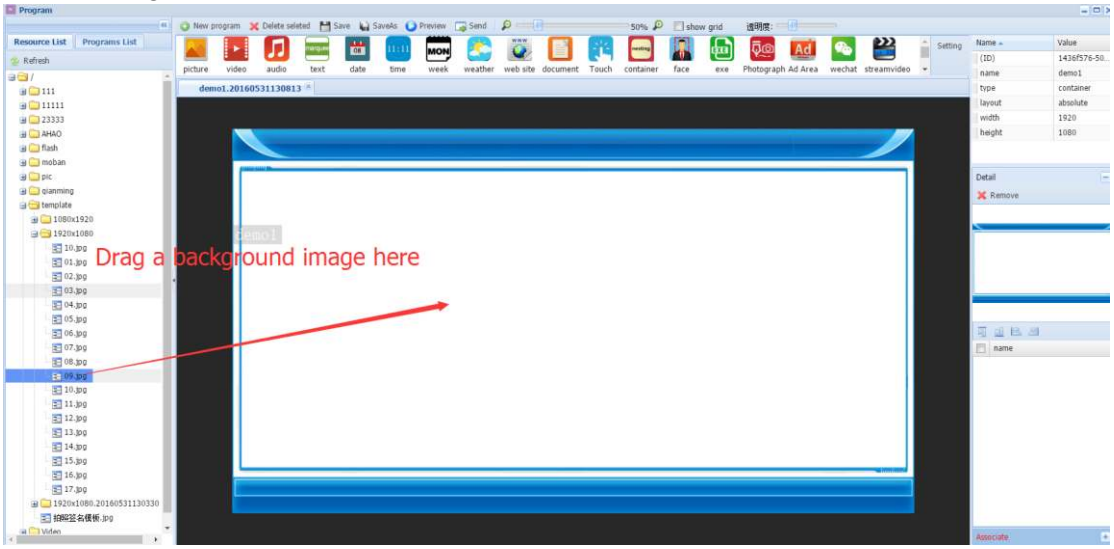
5.1 DSS program editing

5.1.1Click icon 

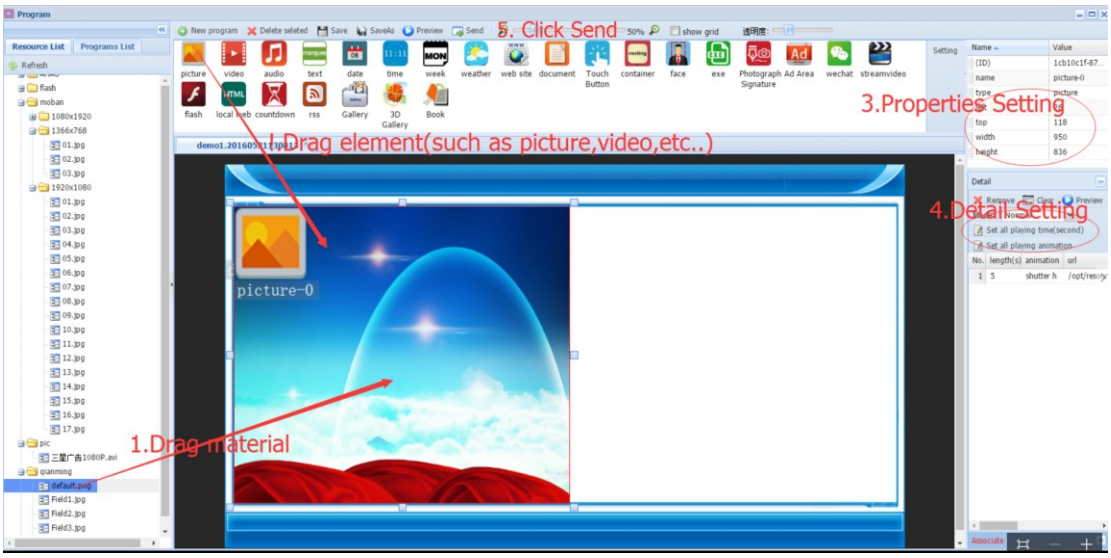
,and enter into the program editing interface,click “New program” and name it.



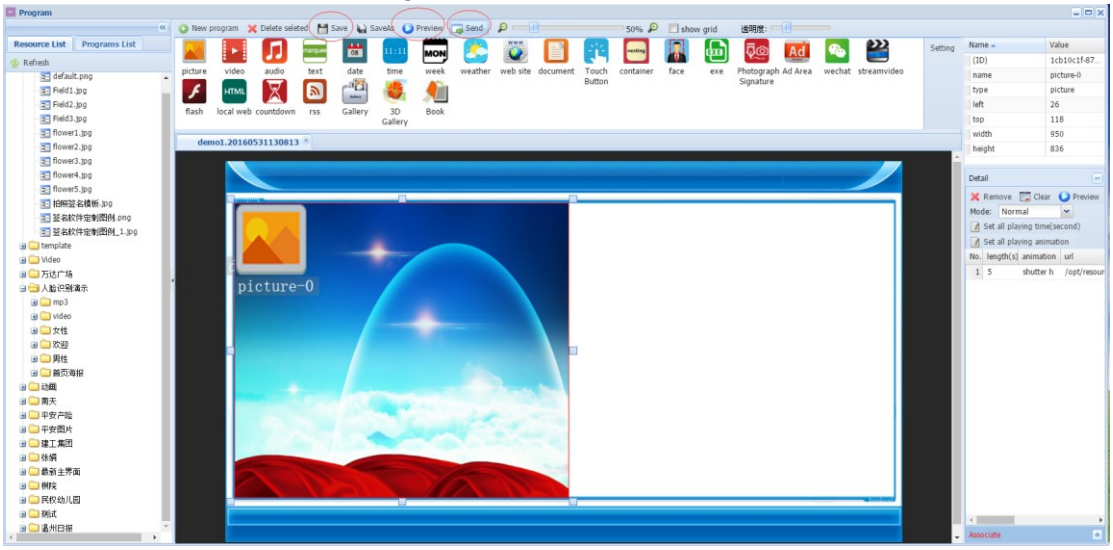
Add a background picture



5.1.2. Select element and drag materials

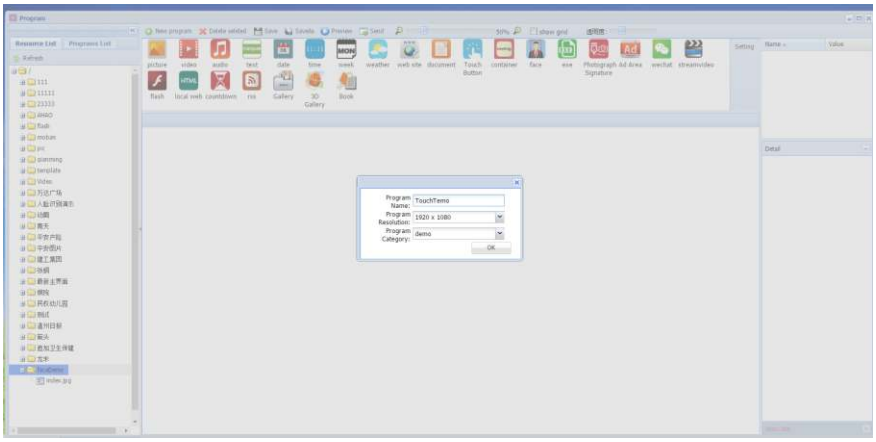


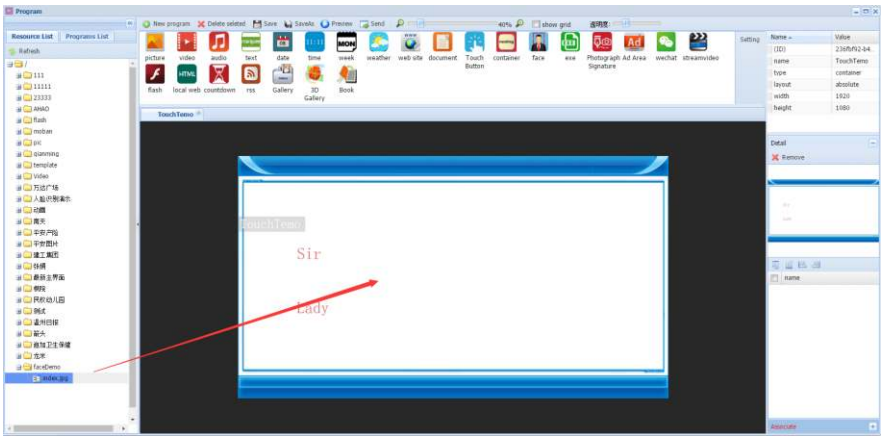
5.1.3 Save,preview and sending.



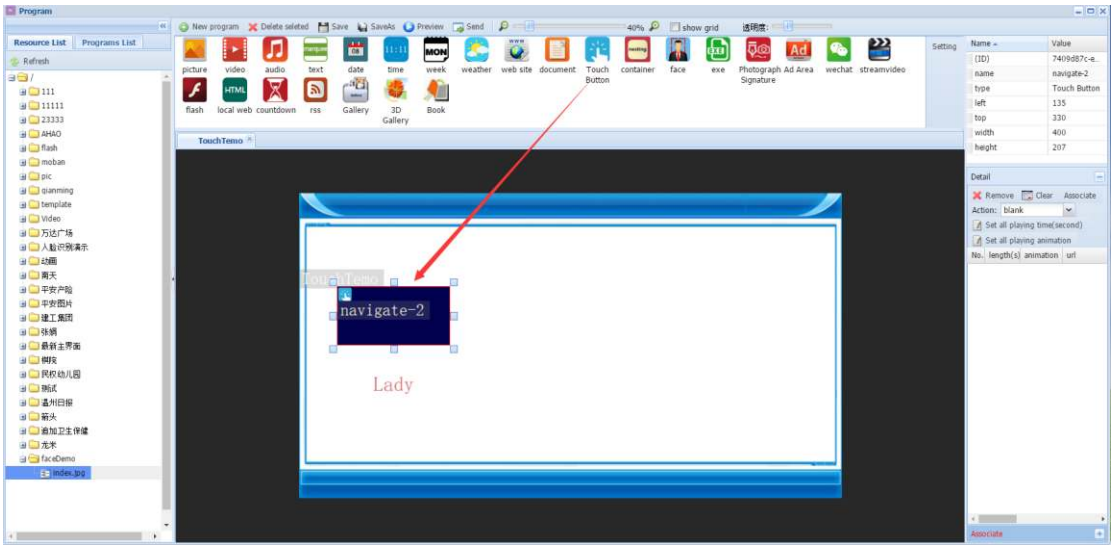
5.2 Interactive program editing.

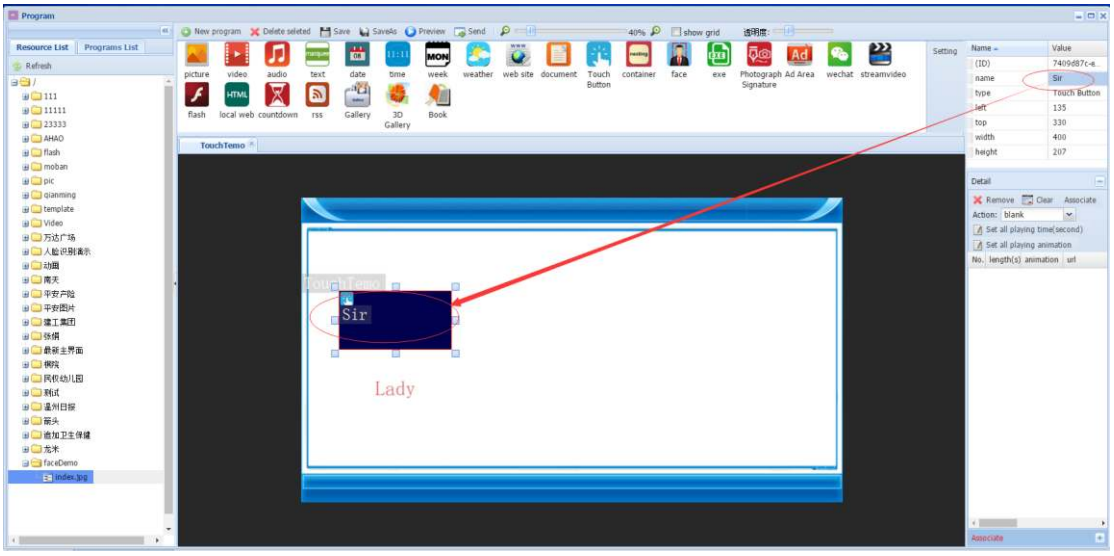
Create a new program named “TouchDemo”,and Drag a background picture



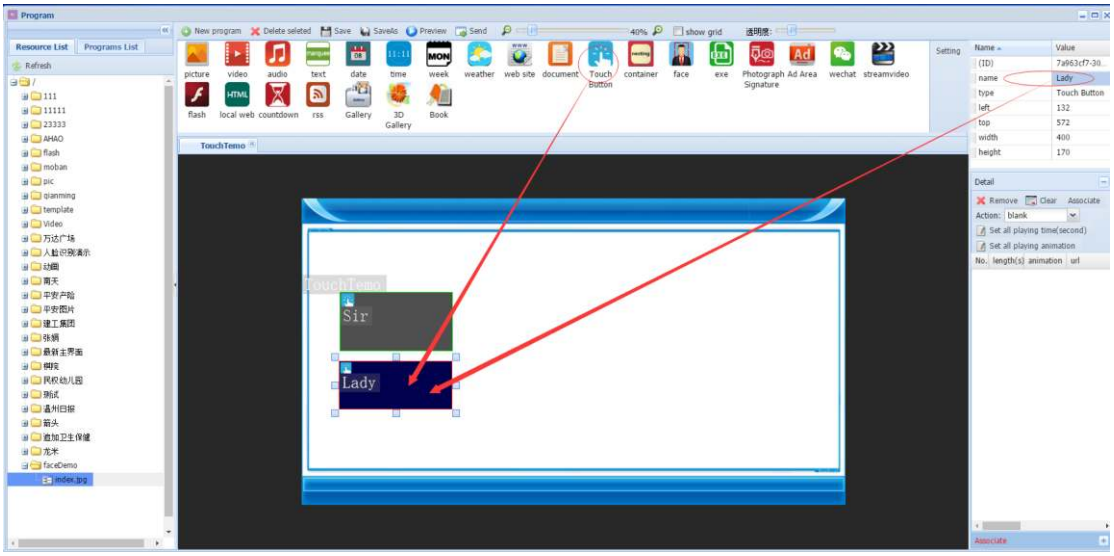


Drag the Touch Button on the top of the Sir, and Rename navigate-2 as " Sir "

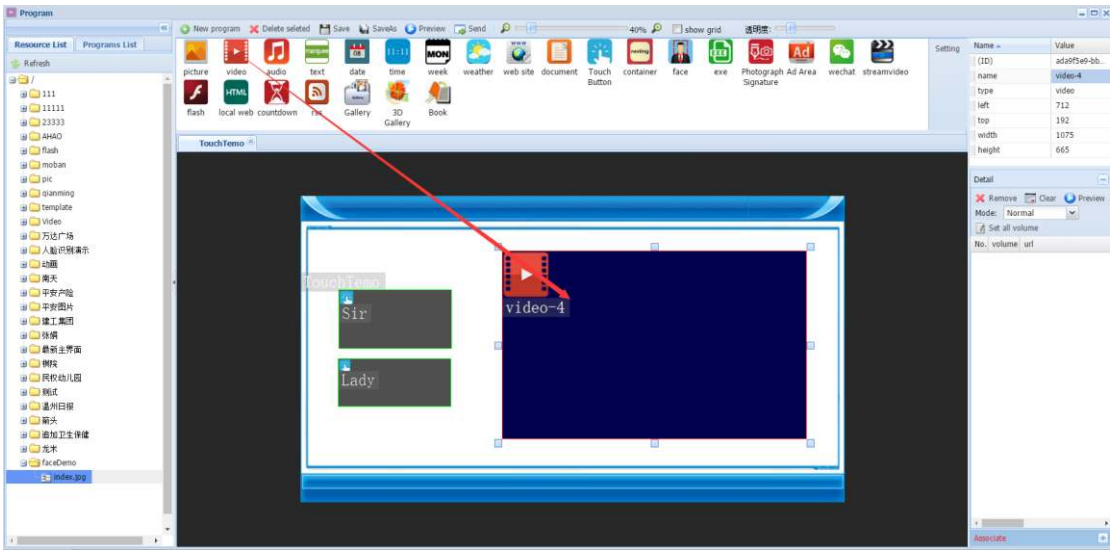




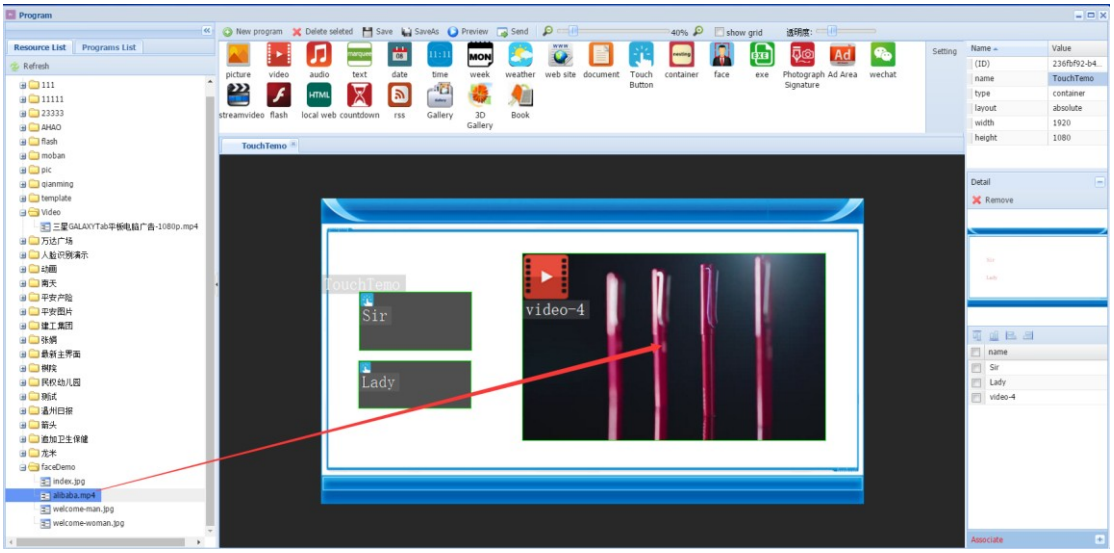
Drag the Touch Button on the top of the Lady, and Rename navigate-3 as " Lady "



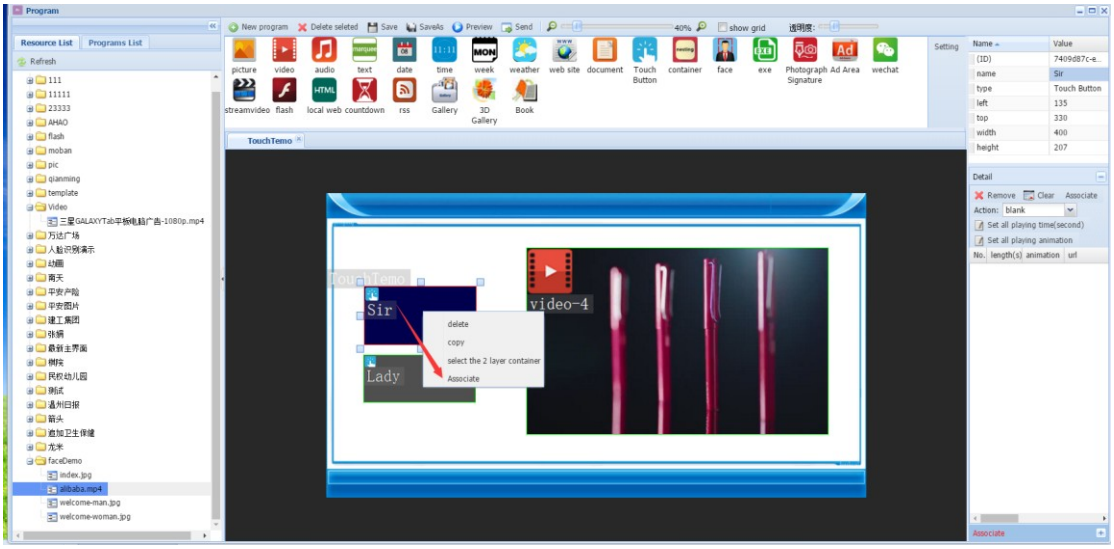
Drag a video element, and adjust the location



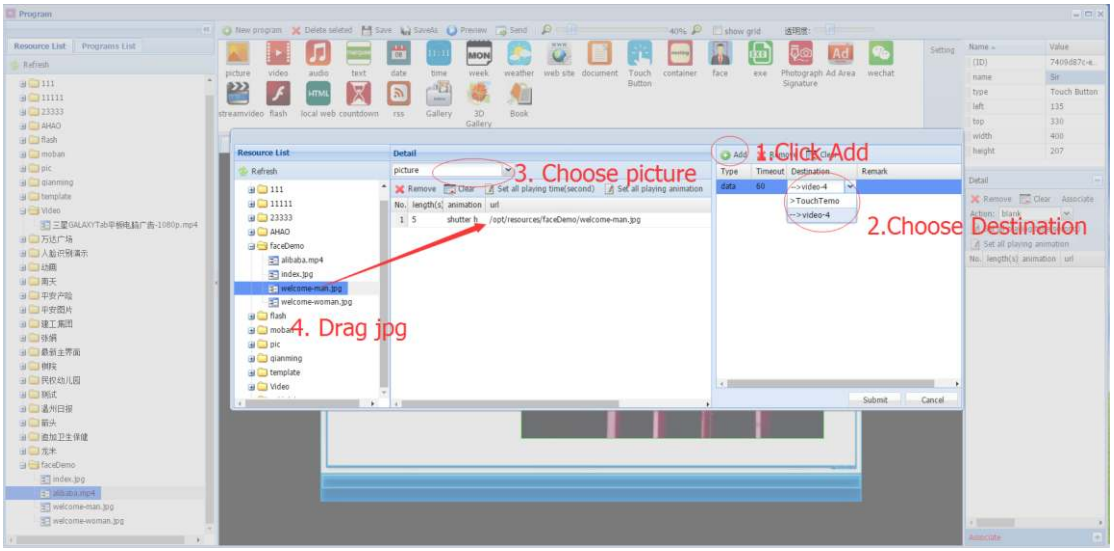
Drag video resource



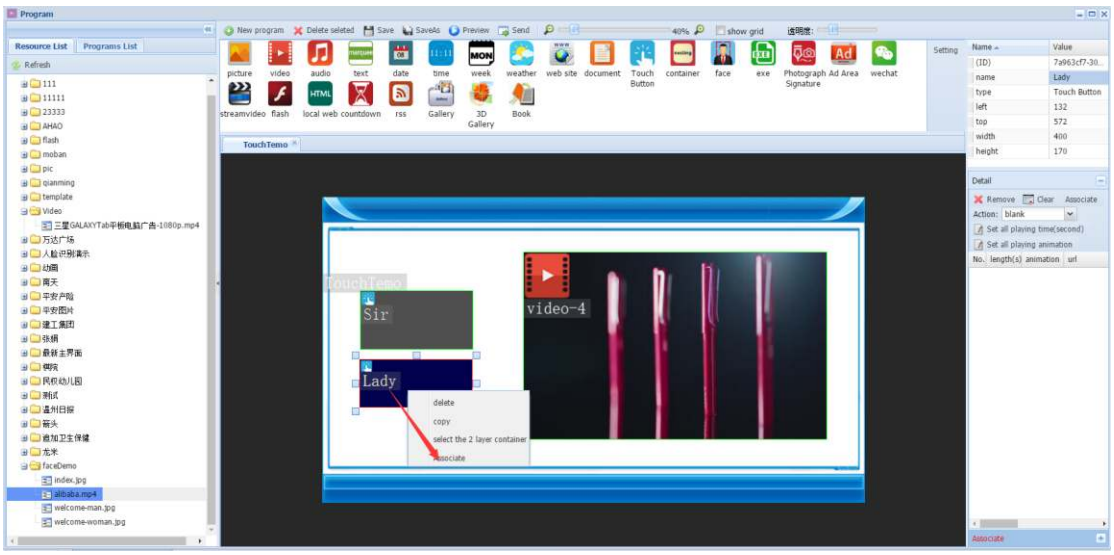
Right Click Sir Touch Buttong, and Click Associate

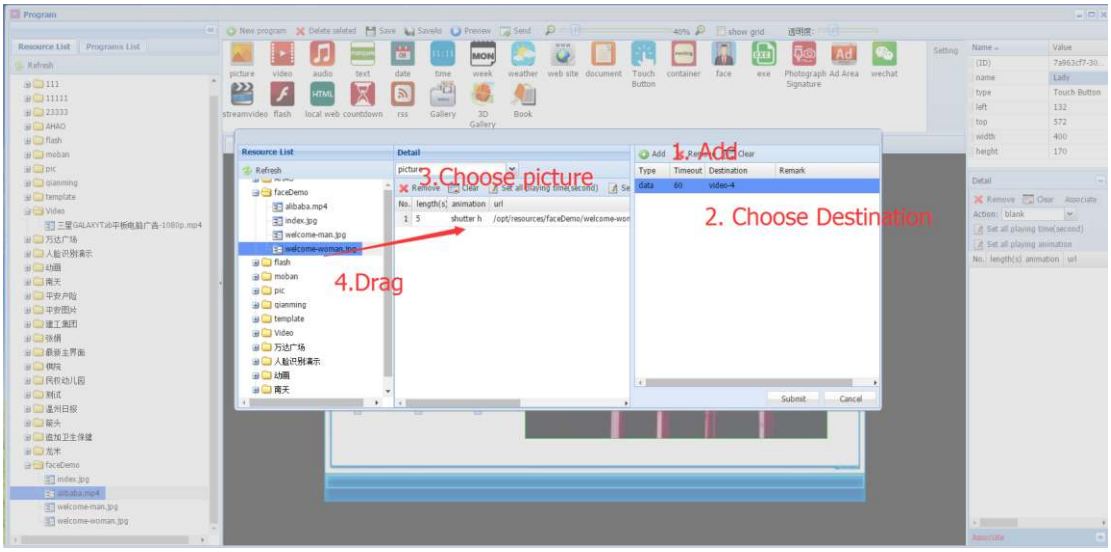


Choose Destination and Drag picture

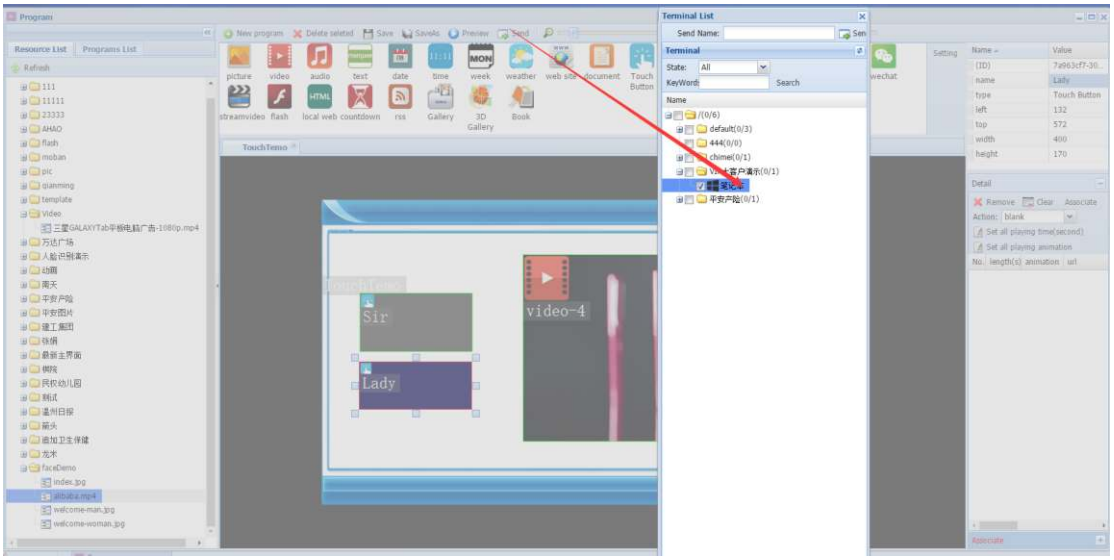


Right Click Lady Touch Buttong, and Click Associate

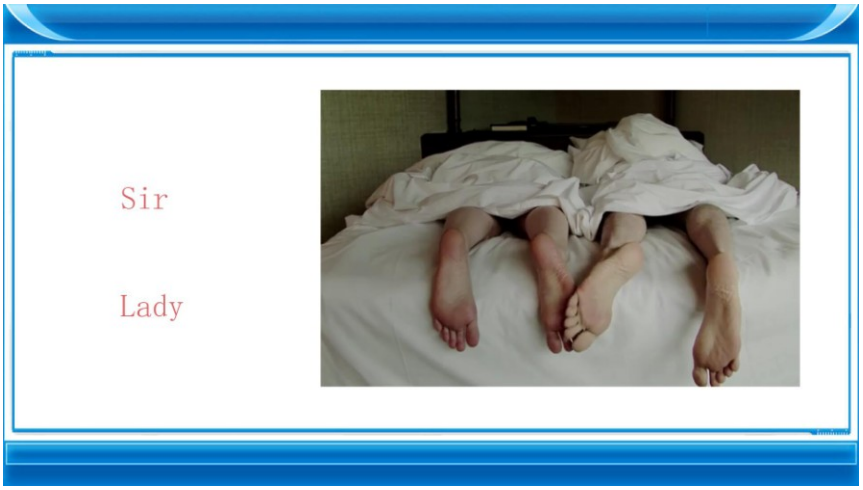




Send the proram to the terminal



This is Terminal Distplay and Default Screen is one Video and 2 touch buttons (Sir & Lady)



If you click on a sir, male image is displayed

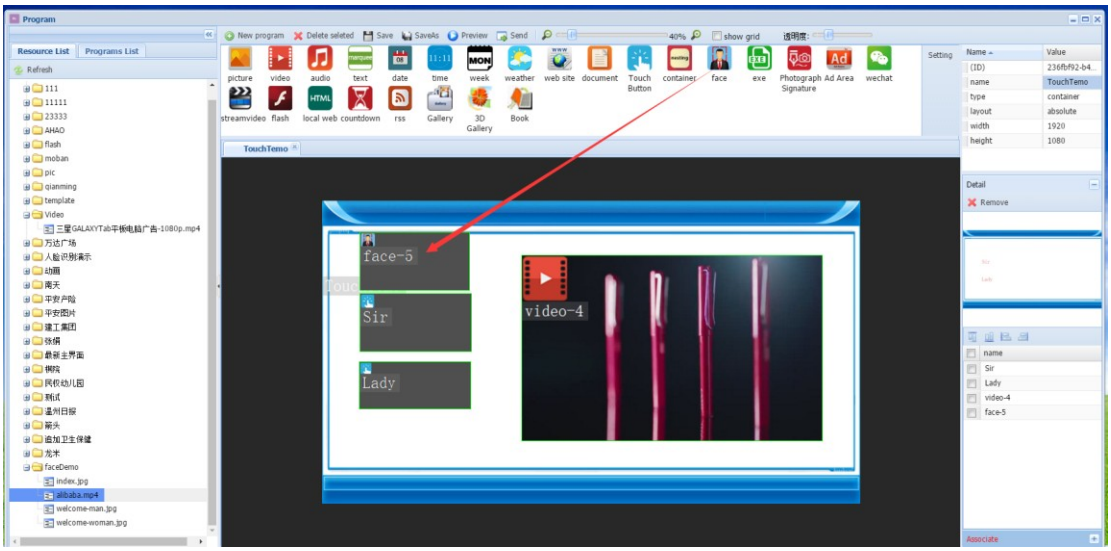


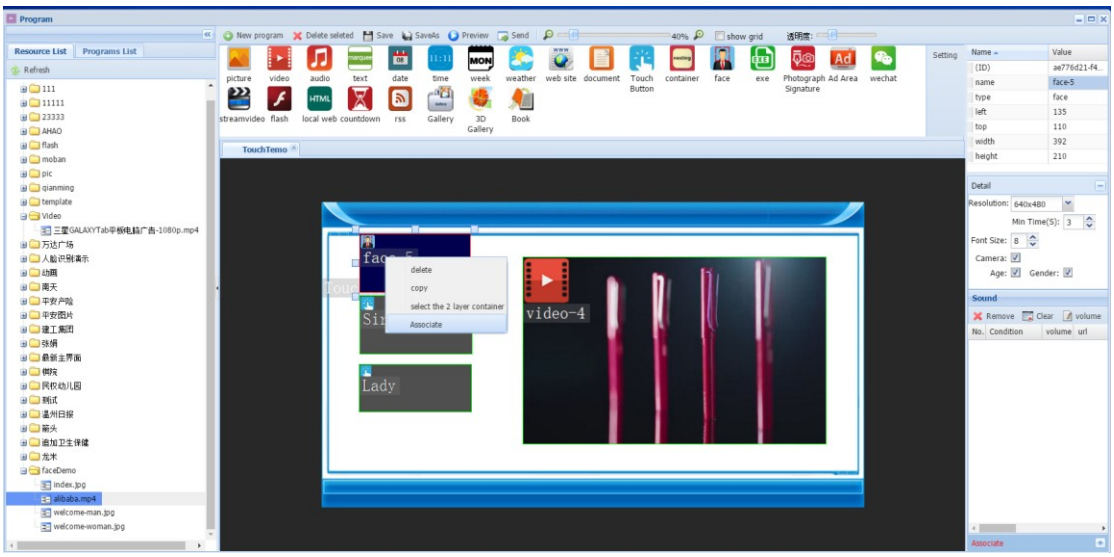
If you click on a Lady, female image is displayed



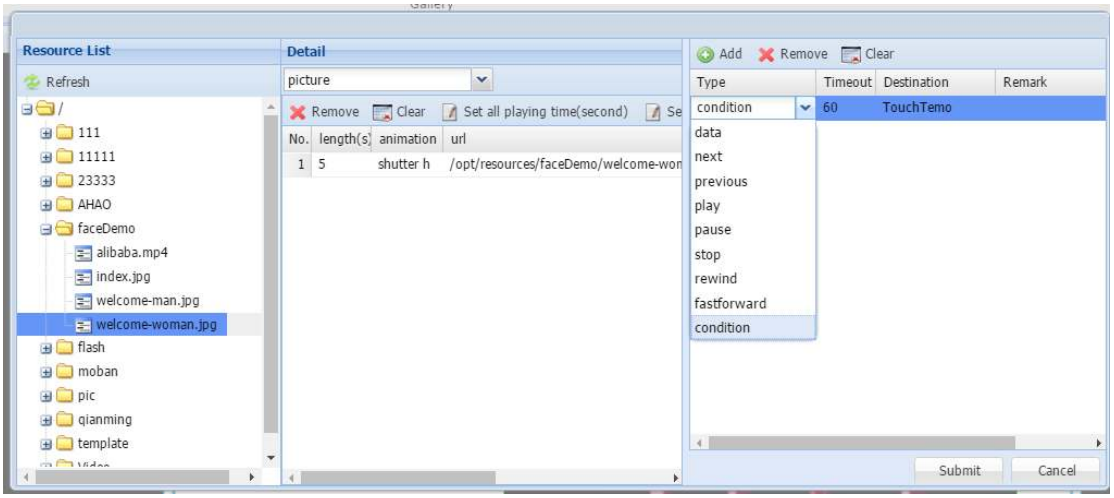
5.3 Face recognition program editing

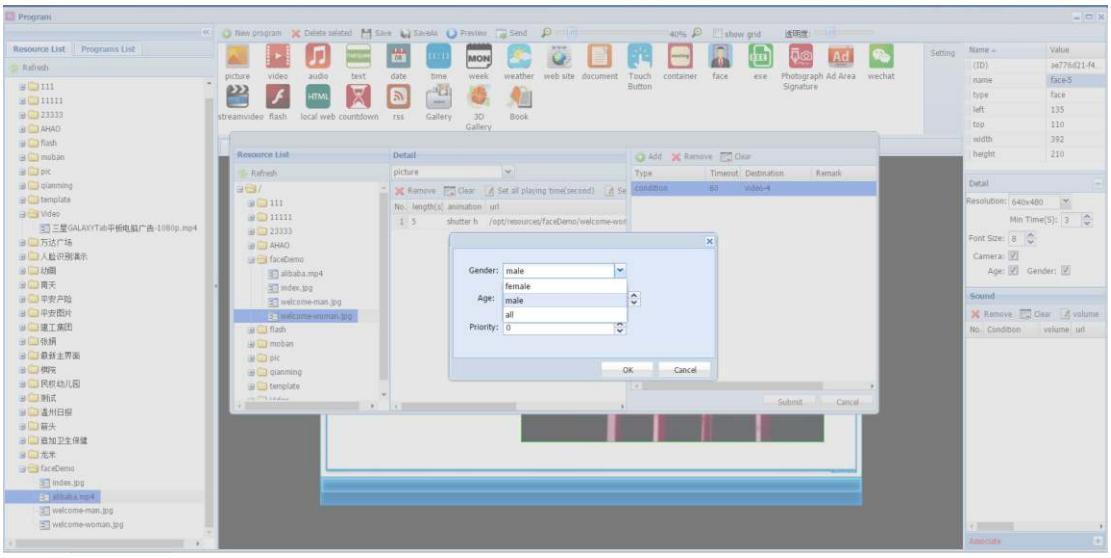
5.3.1 Open the well finished program as above made,and drag the element “face” to it

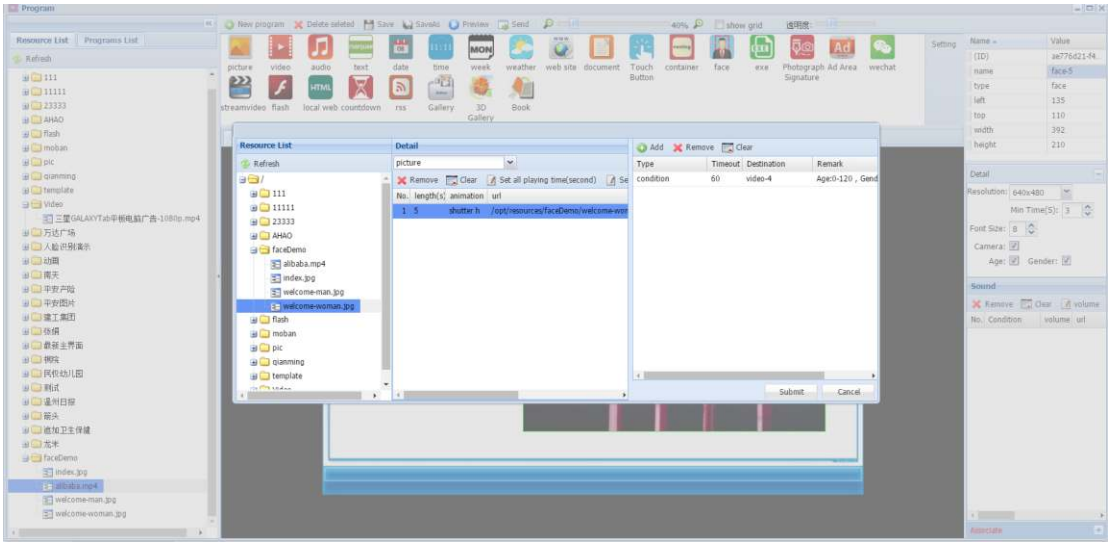




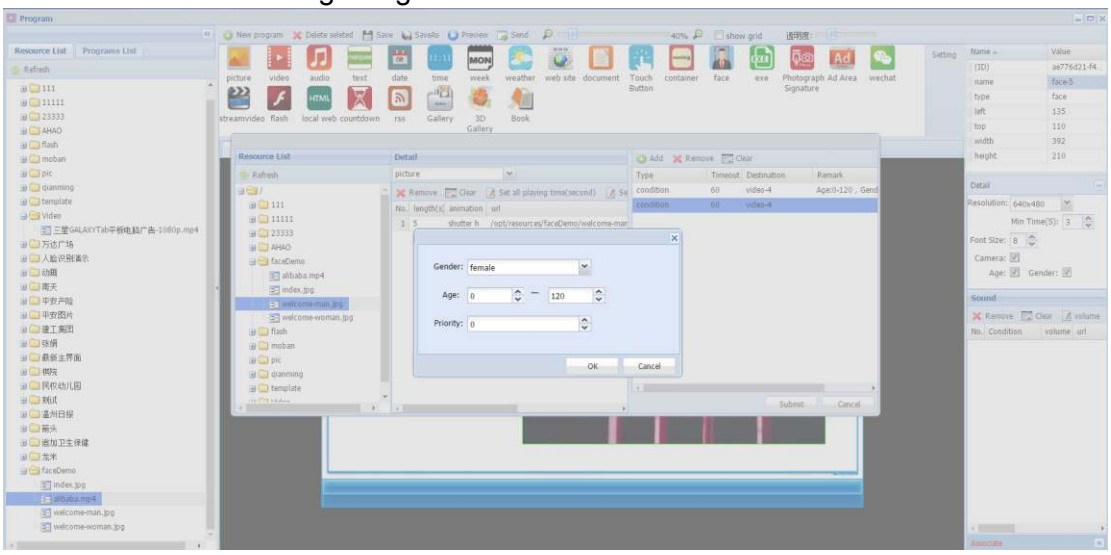
How to set “male” recognizing condition?

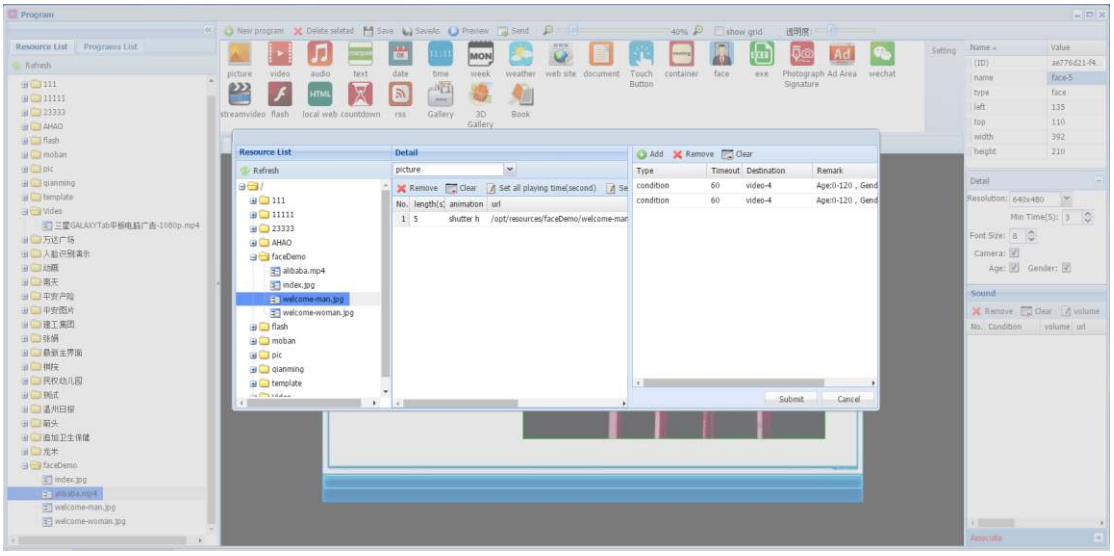






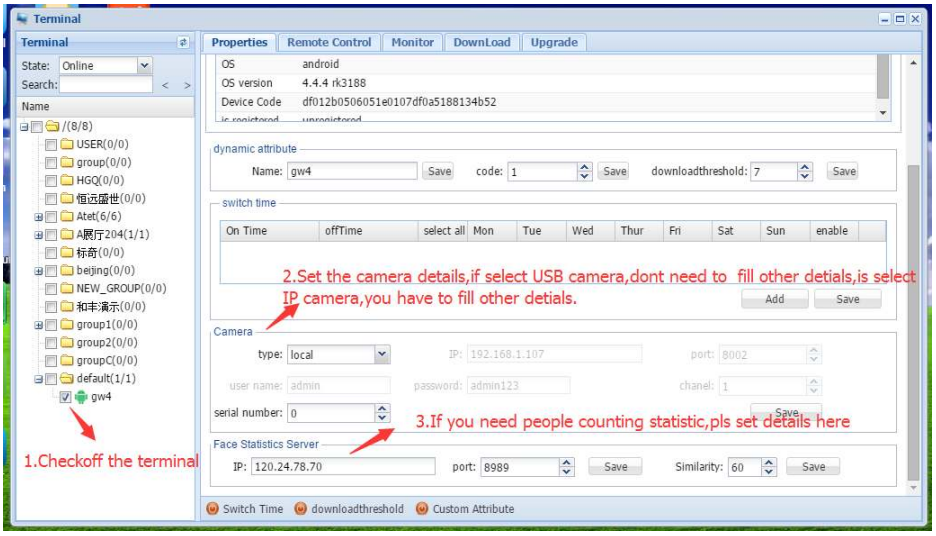
How to set “female” recognizing condition?





5.3.3 Set the camera in terminal icon 

:



5.4 Format supporting

Video: mp4,3gp,rmvb,avi,wmv,mkv,mpg,flv,mov etc.

Picture： png,jpg,jpeg,gif,bmp etc

Audio:aac,arm,m4a,mp2,mp3,ogg,wav,wma etc

Text: For rolling or static text.

Date: Network date and time

Time: can set the different types of time display

Webpage： Play the web to support http,https etc protocol

Office:word,excel,ppt,pdf

Flash： Flash

Countdown: It is usually used for the time to take photo (5,4,3,2,1)

Streaming video： rtsp、http etc protocol

Ad list area: It is used for associated to AD list,which provide a convenience way to modify one part of program,and no need to re-editing the program.

Navigate： Can be a transparent button on the top layer,can be interactive function, homepage,back to up layer

Container： Mainly used to built-in programs for time schedule or position

We-chat： support wechat printing and sharing

Rss： RSS file

Web file： Support html or htm file

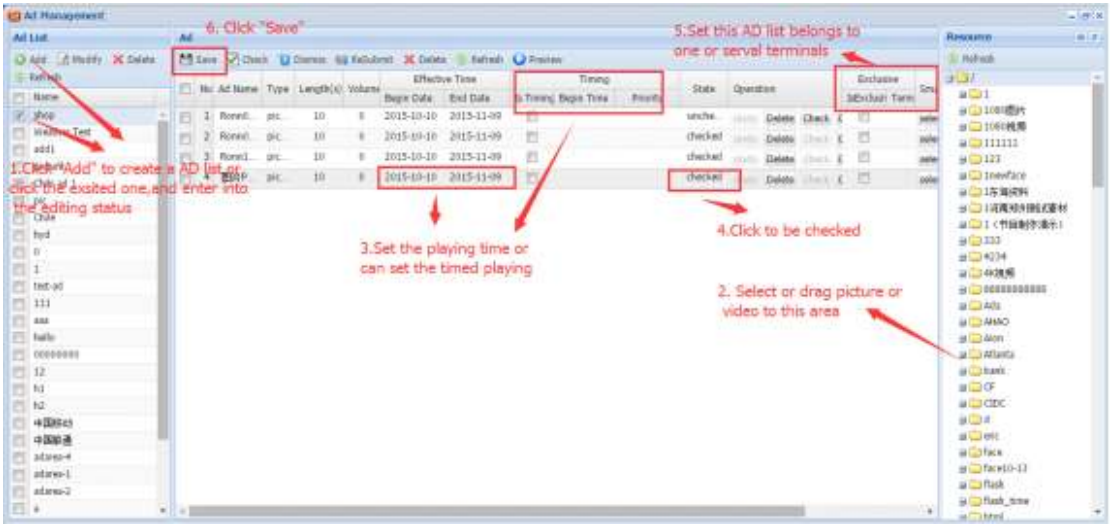
Face: For targeted advertising (recognizing age and gender) and people counting statistic

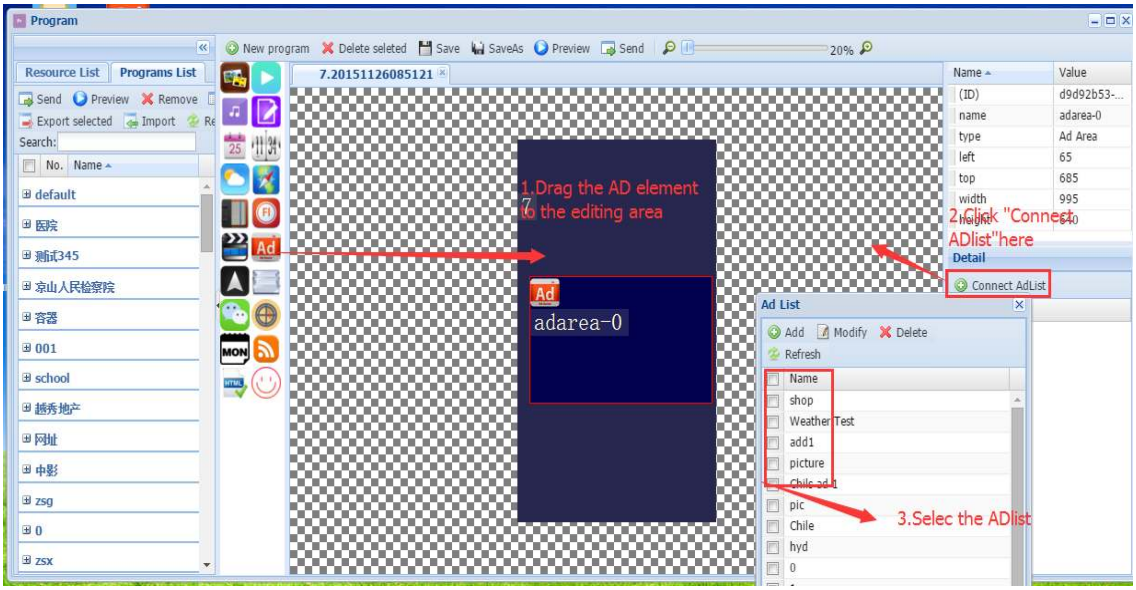
EXE: Docking any small procedure of windows

Photo taking: Taking picture and printing supported.

5.5 Ad list area in program editing & Ad list

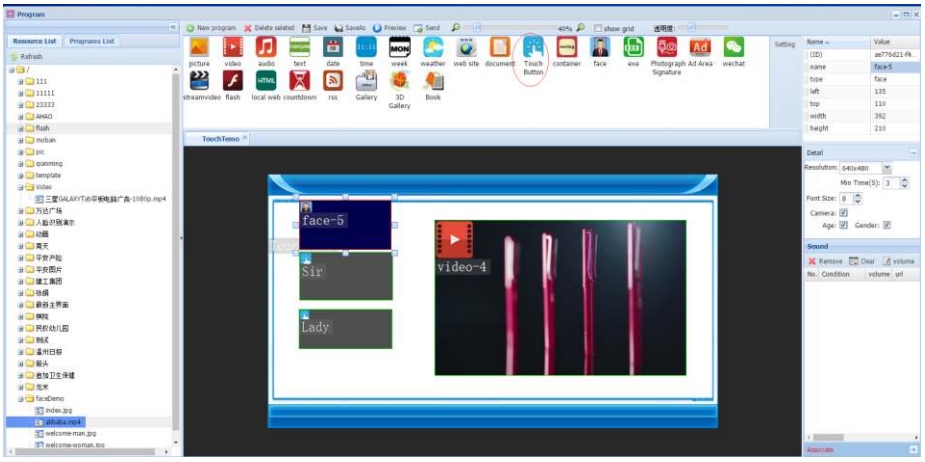
The AD area in “Program” editing,is mainly for playing AD list. When this are is associated with AD list,then the playing content will changed as the the AD list changed. This method,provide a convenience way: When you want to change only the playing content of one area of the the program,you don’t need to change the unit program,just change the AD list.





5.6 TouchButton & Container

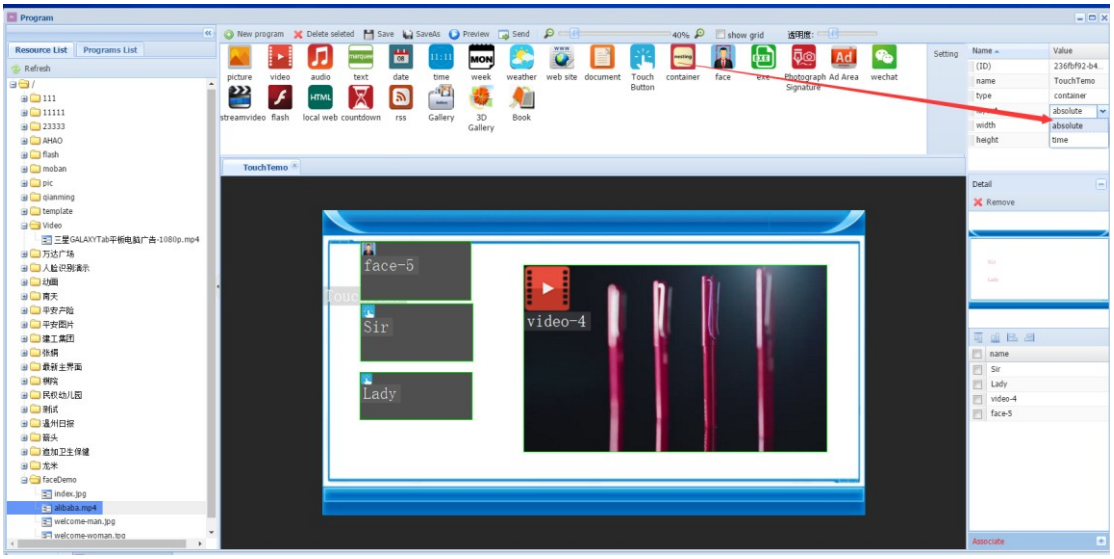
5.6.1 TouchButton: has features of transparent and is-top,is usually used as a button with the condition of associate.



5.6.2 Container: it is mainly used as built-in other element or program. It has two layout: time layout and absolute layou:

● Absolutely layout: This layout is comparative simple. It mainly determines the position and size of each element. For the overlap part,the upper one will cover the lower one.

● Time layout: This is a senior layout,which can have the programs in template played in sequence. When playing,the height and width of each element is the same of the template. But the playing time and order can be adjusted in [general attribute panel]. This can be set the loop playing function as schedule

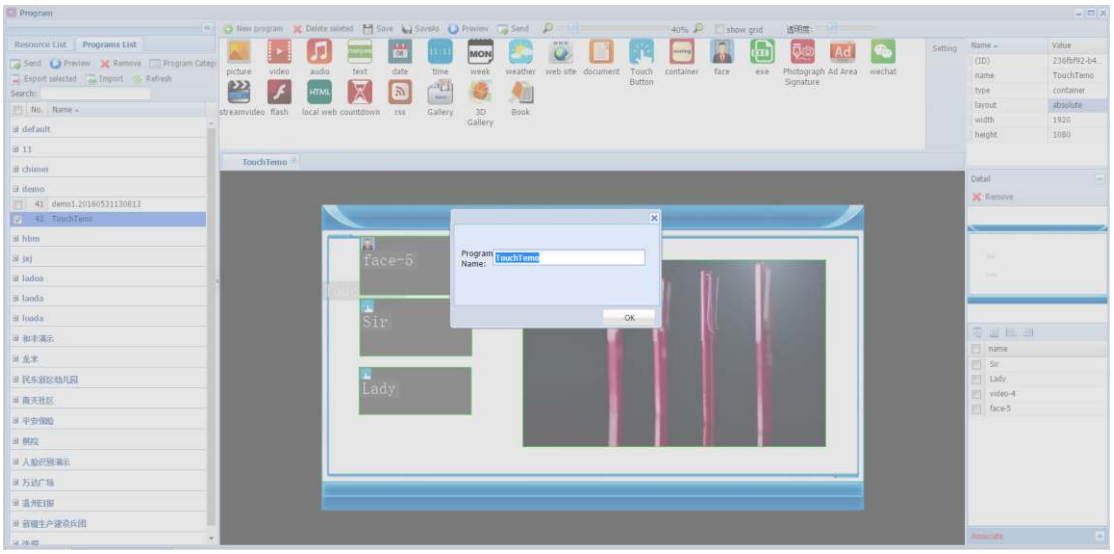


5.7 Program import and export

For some not well network environment,this function can be used widely.

5.7.1 Export programs

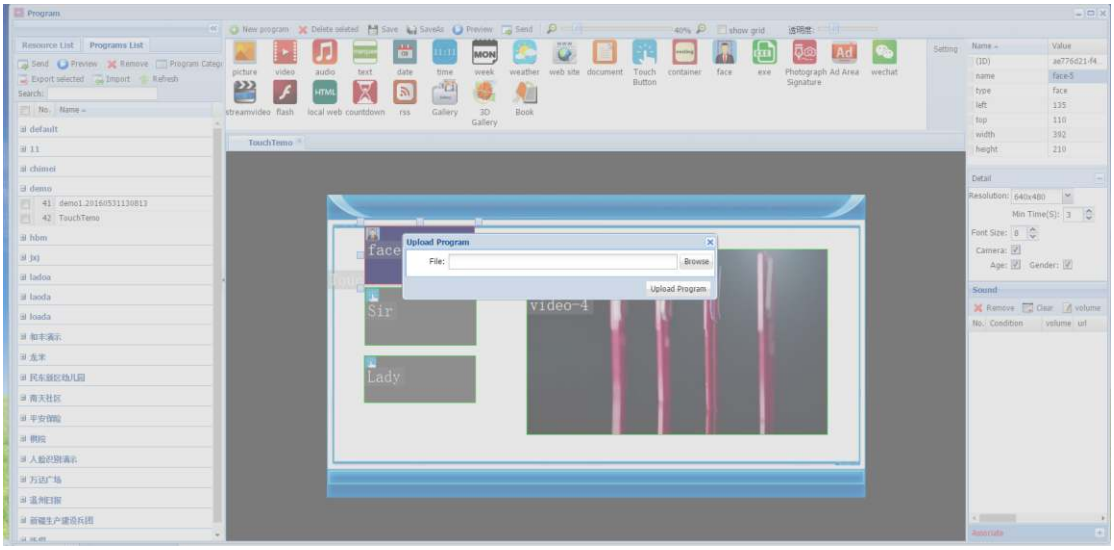
Just follow the steps as picture shows:



And the downloading situation can be checked in the background task icon 

5.7.2 Import program

Just follow the steps as picture shows:



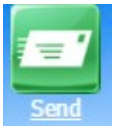
Each time finish the uploading,don't forget to refresh the program list.

6. Schedule,Sending and checked

Schedule can be arranged in 4 methods:

They can realize the function of insert,loop playing,pre-seting schedule etc.

There are three access to arrange the playing schedule:"Send"&"check","scheduling" &"schedule" ,"AD management" and "Container" under program.They have different features:

1 

Send: one well edited program can be sent to different terminals with setting the playing time. Insert can be set with "priority" selecting.



Check: Those sent program can be search,check or uncheck,dismiss or delete etc

2. 

Scheduling:Edit a play list with programs,and send the play list to different terminals



"Schedule"： it can manage each schedule list edited in "Scheduling"

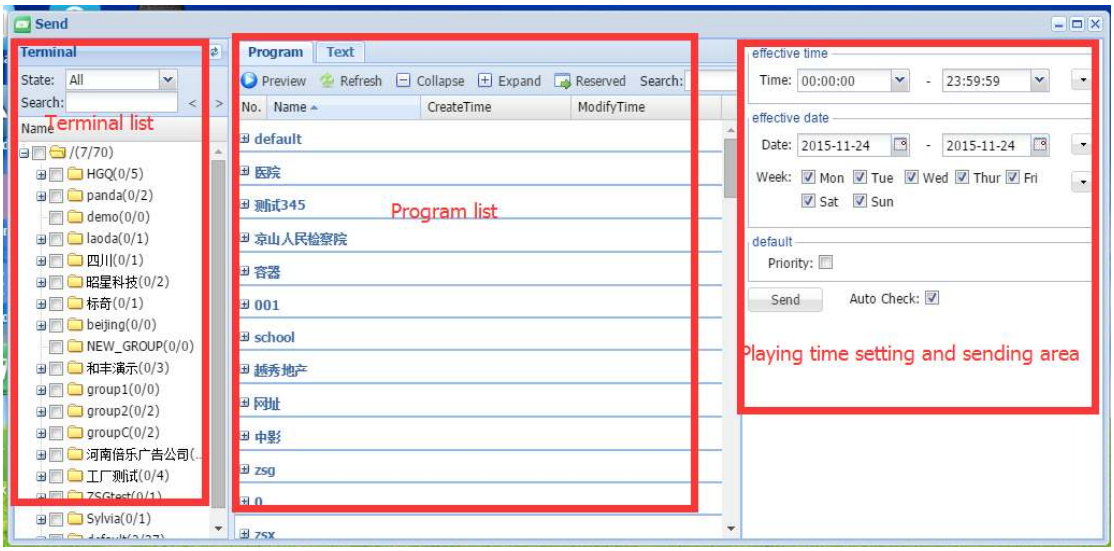
3. 

3. The one most difference with "Sending" and "Scheduling" is that,it don't need to re-send the whole AD list to the terminal,when one program under this AD list adjusted or changed. Just re-send the adjusted or changed one.

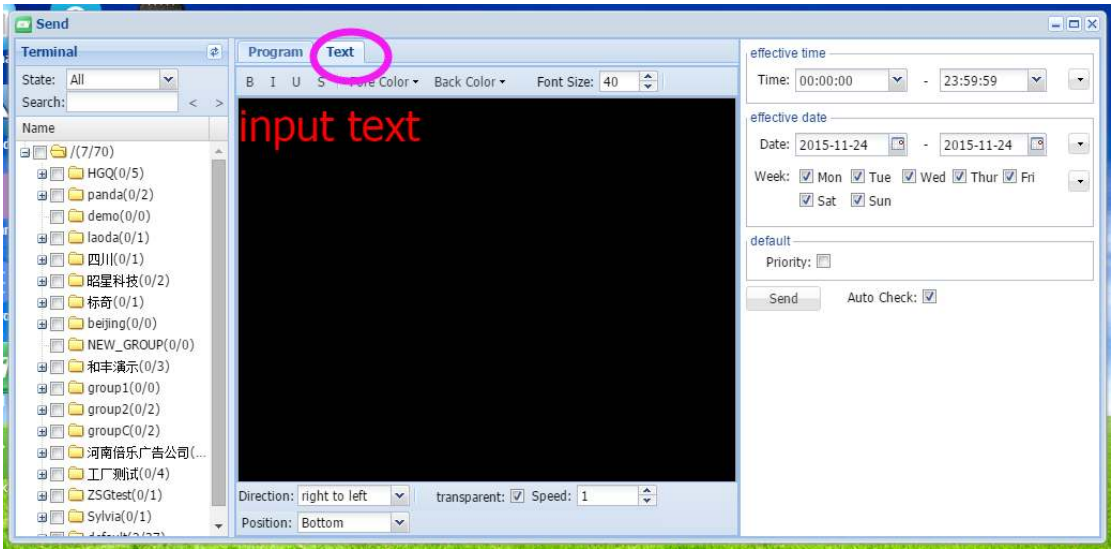
6.1 Send & Checked

Send

Click icon [send] in the desktop of operation platform,we can enter into send interface,which is composed by three parts: The tree-like structure at the left side is terminal displays. All the well edited programs shows in the middle of the interface. The right side is playing time setting and sending information. As seen in the following picture:



If click button “Text” as marked in the following picture,then the inserting text message can be edited here:



Operation steps:

1. Select terminals,single click in check-box to select terminals. In the picture there select two terminals.

Note: * more than 1 terminals can be selected.

* When sending the terminals must be on line.

2. Click button “program”,and select one program.

Note:Only one program can be chose each time.

3. Select right time and sending.

A. Select effective time,the time range is 00:00 ~ 23:59,in the right side is the prompt choosing button,it can help to select the options of “all day”,”next half an hour”,”next one

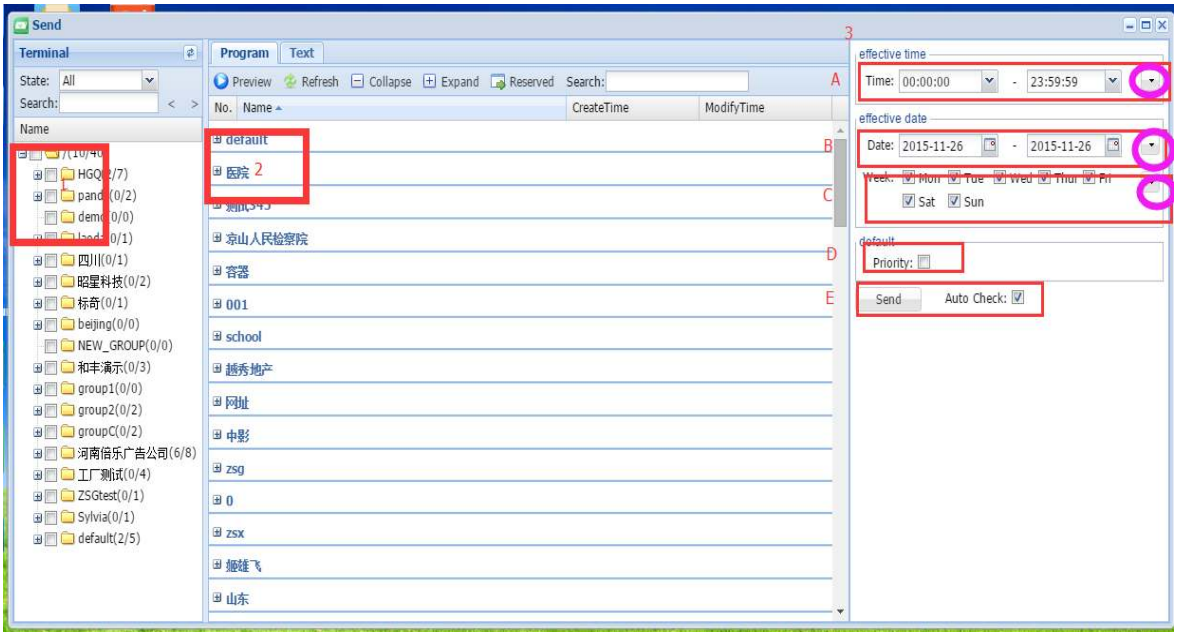
hour” etc.

B. Select effective day,the date range is 00:00 ~ 23:59,in the right side is the fast choosing button,it can help to select the “current week”,”current month”,”current season” etc.

C. Select effective week. The week day choosing must be among the effective dates,then click the prompt choosing button,you can choose ’weekday’.

D. Priority choosing. If many programs sent in one time,then those priority ticked ones will be played first. If there are several programs ticked priority,then the last checked one will be played first.

E.Click button [Sending] to finish.

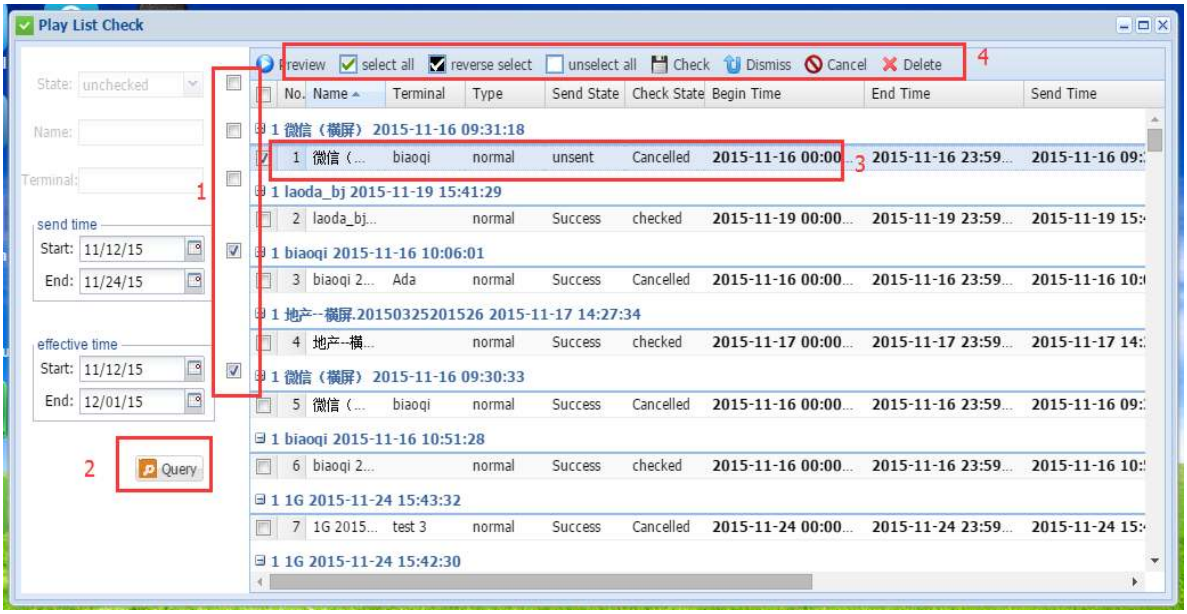


Then one program arranged to different terminals,that comes to be a playlist.

Check

The playlist can be produced after the program sending to terminals. The playlist can checked,dismissed,canceled,deleted etc.

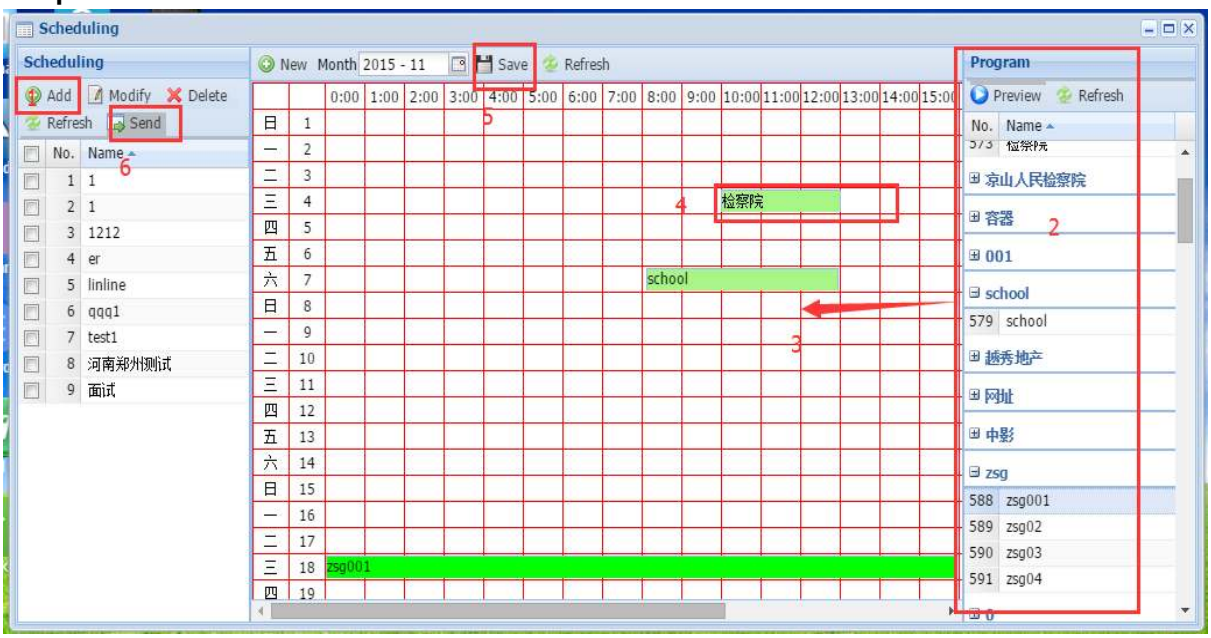
The playlist which sent to terminals can not be played if not checked. The administrator can dismiss or delete the unacceptable program of the playlist. Click icon [check] and pop-up the following window:



1. Checkout the different features
2. Click query
3. Select the program play list
4. Make the operation like check,uncheck or dismiss or delete.

6.2 “Scheduling” and “Schedule”

“Scheduling” can arrange all the programs playing in each terminal one by one. It can pre-set one month schedule for each terminal.

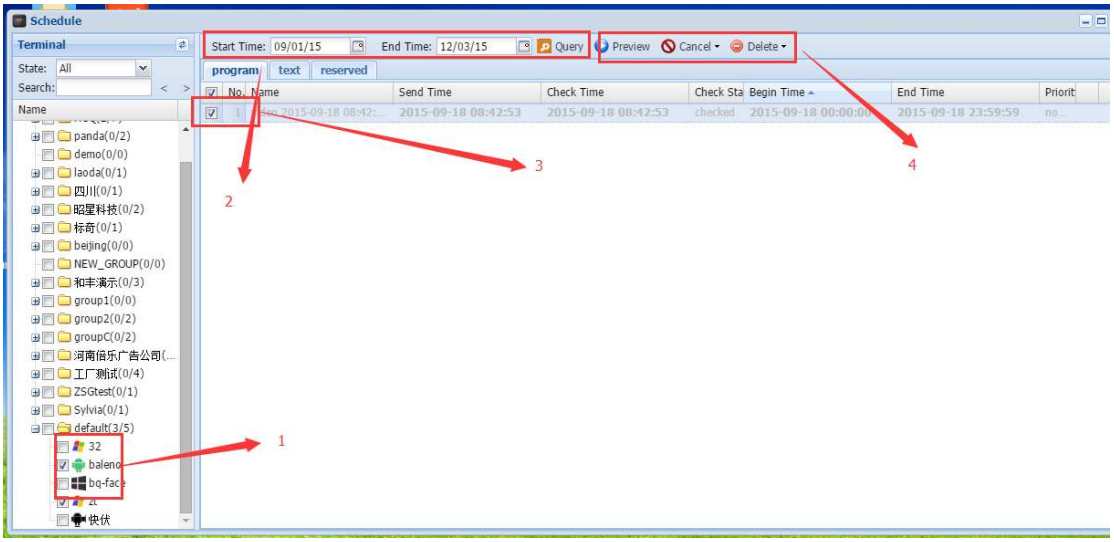


1. Add (create) a schedule

2. Select the program and drag to the time table.
3. Strength or move the green area for each program in time time
4. adjust the program covering the playing time as you request.
5. Click “save”
6. Click “Send” and select one terminal.

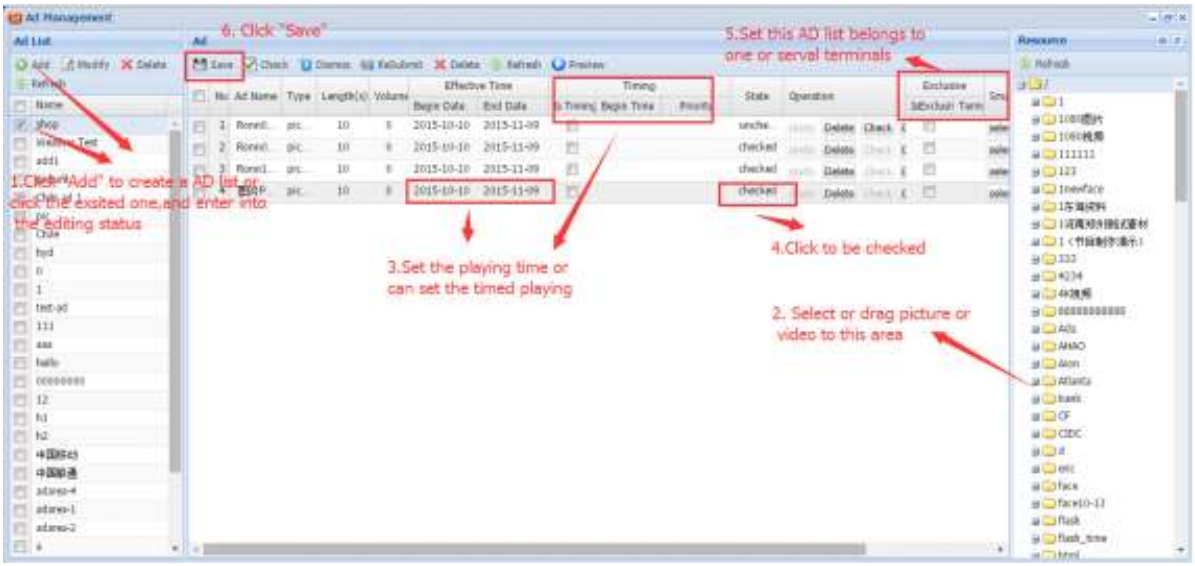
“Schedule”: it can manage each schedule list edited in “Scheduling”

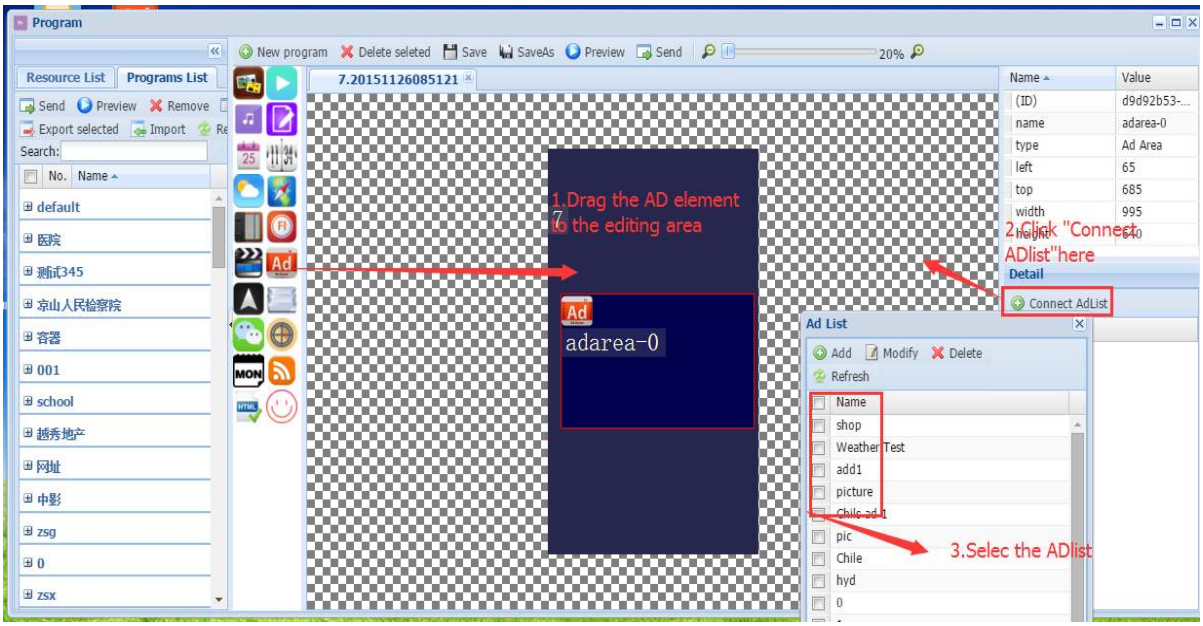
Operation schedule：
1. Select one terminal
2. Query the schedule list via time range.
3. Select the schedule list
4. Operate like cancel or delete the schedule list.



6.3 “AD management” and AD area in“Program” editing

The AD area in “Program” editing,is mainly for playing AD list. When this area is associated with AD list,then the playing content will changed as the the AD list changed. This method,provide a convenience way: When you want to change only the playing content of one area of the the program,you don’t need to change the unit program,just change the AD list.





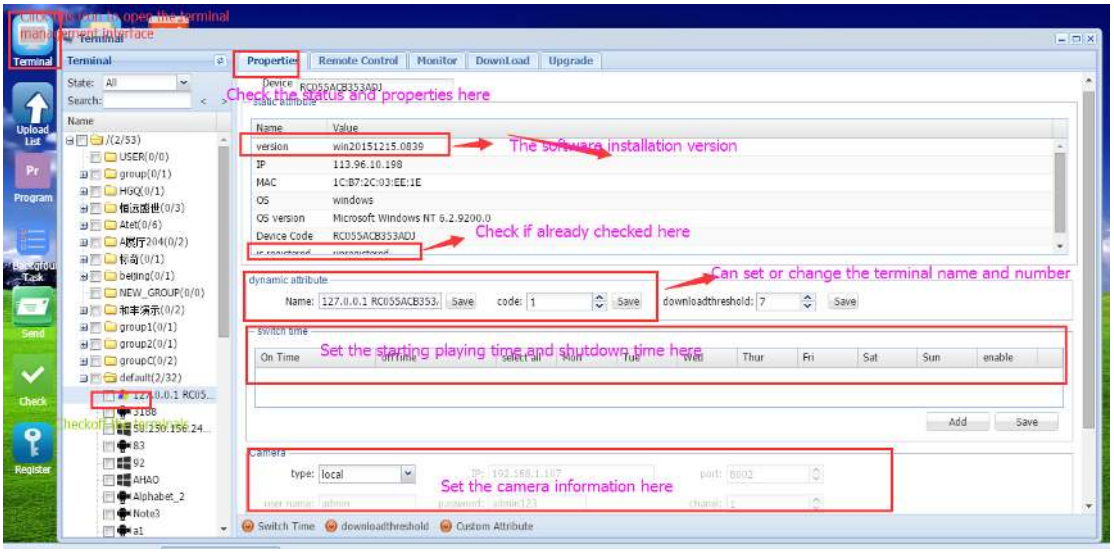
6.4 “Container” under “program ” editing

Refer to “5.6 Navigate & Container”

7.Central control management

7.1Terminal management

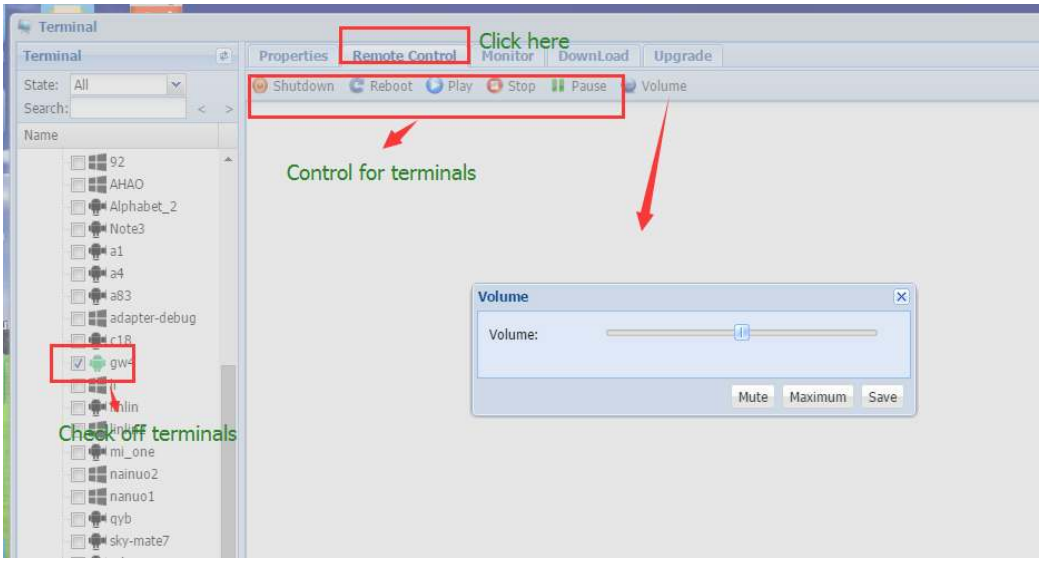
7.1.1 Check the terminal information





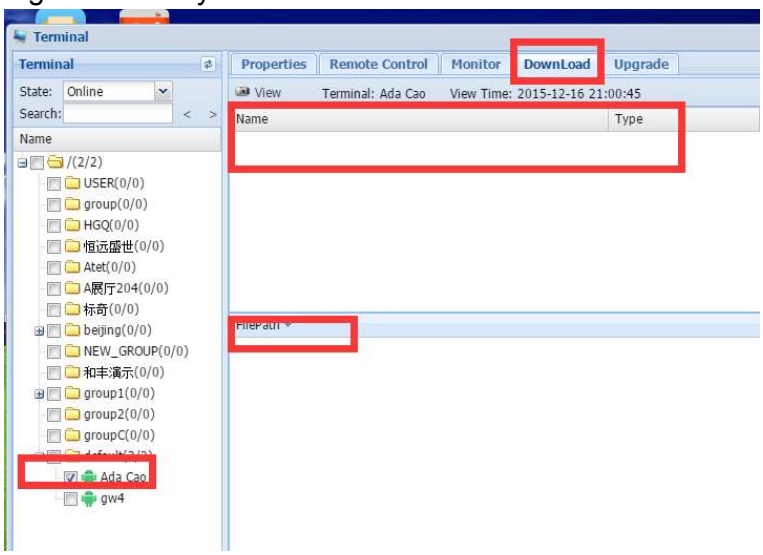
7.1.2 Remote control terminals

Select terminal,and click “Remote Control”,then you can remote shutdown,re-boot,and can control the program playing,stop or pause. You can also adjust the volume here.



How to check the programs download situation?

After sending the program to terminals,you can check if it already download here: click “download” in the top menu of terminal. Especially,when the program have not shown in terminal after sending long time,you can follow this way to check if sending successfully.



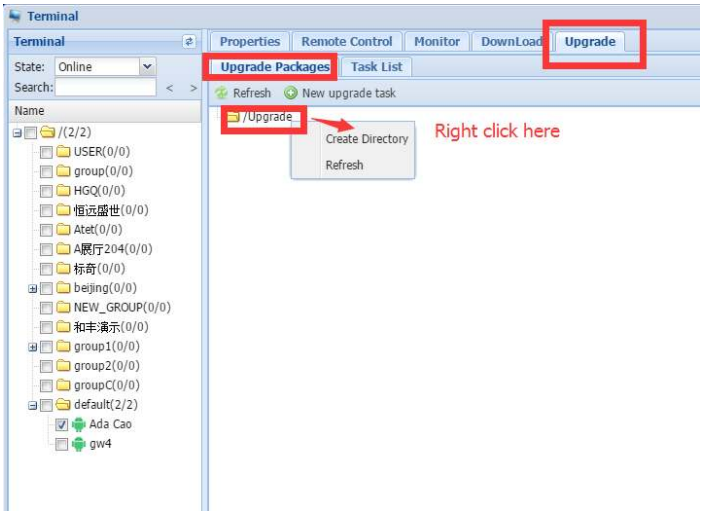
How shall I know what is playing in the terminal?

Select right terminal,click “monitor’ and click screen-shot,Then it take a picture of the terminal screen.

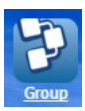


How to upgrade the apk of terminal in remote?

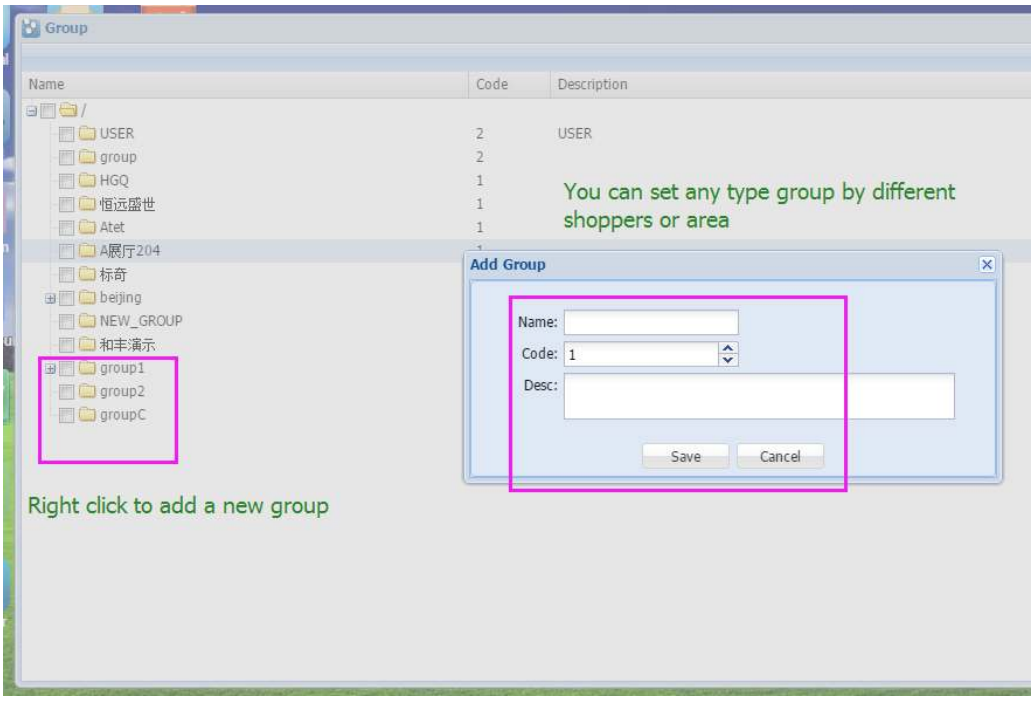
Create a upgrade directory--upload the new apk to this directory--Select the new apk--checkoff terminal---Click “new upgrade task”



7.1 Group

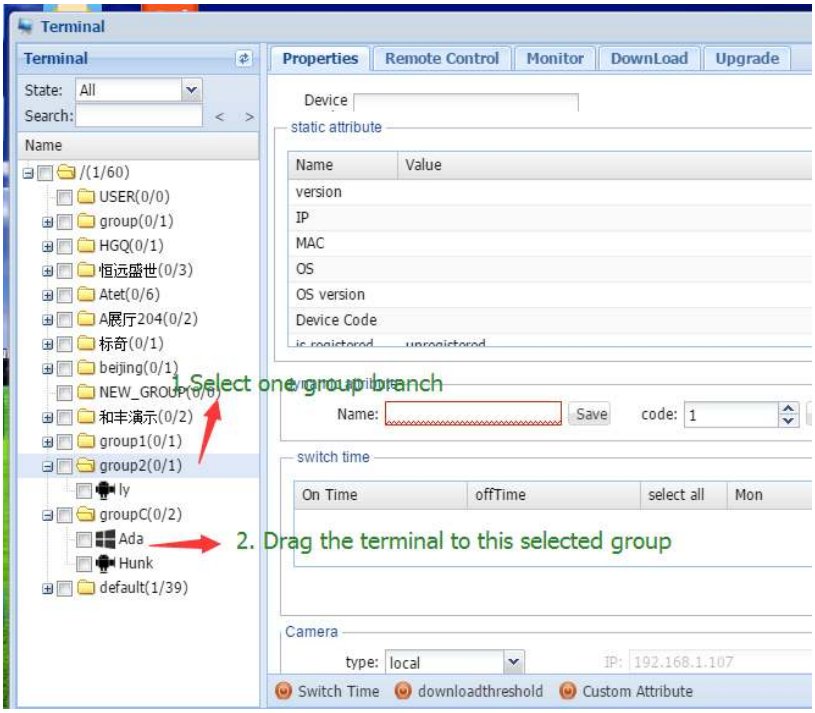
Click icon group 

and enter into group setting. It help to realize the terminal controlling in groups,not one by one.



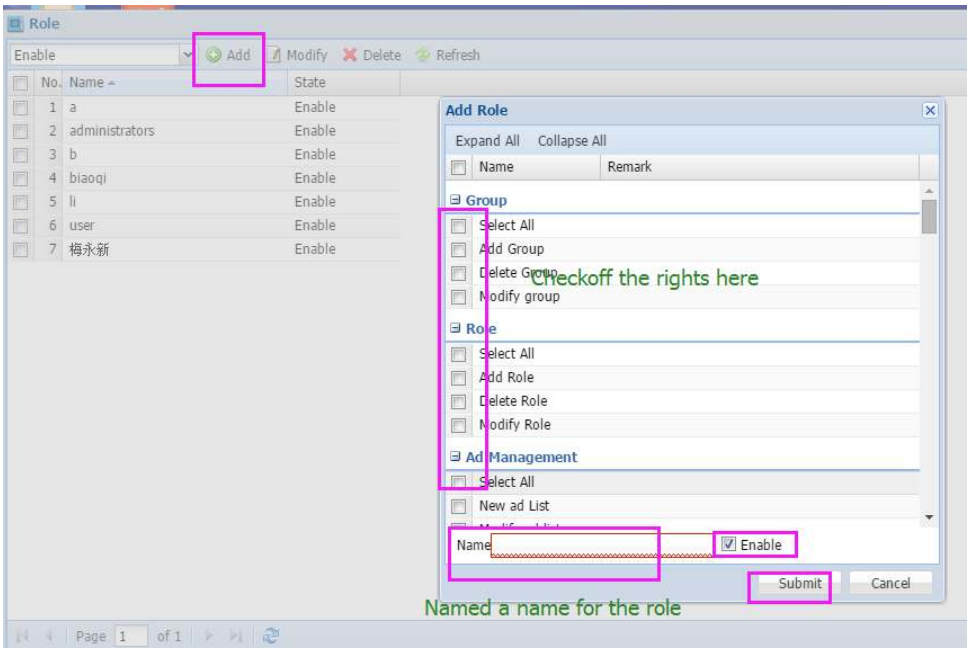
After group file established,you can go to the terminal icon 

,and drag the terminals to different groups:



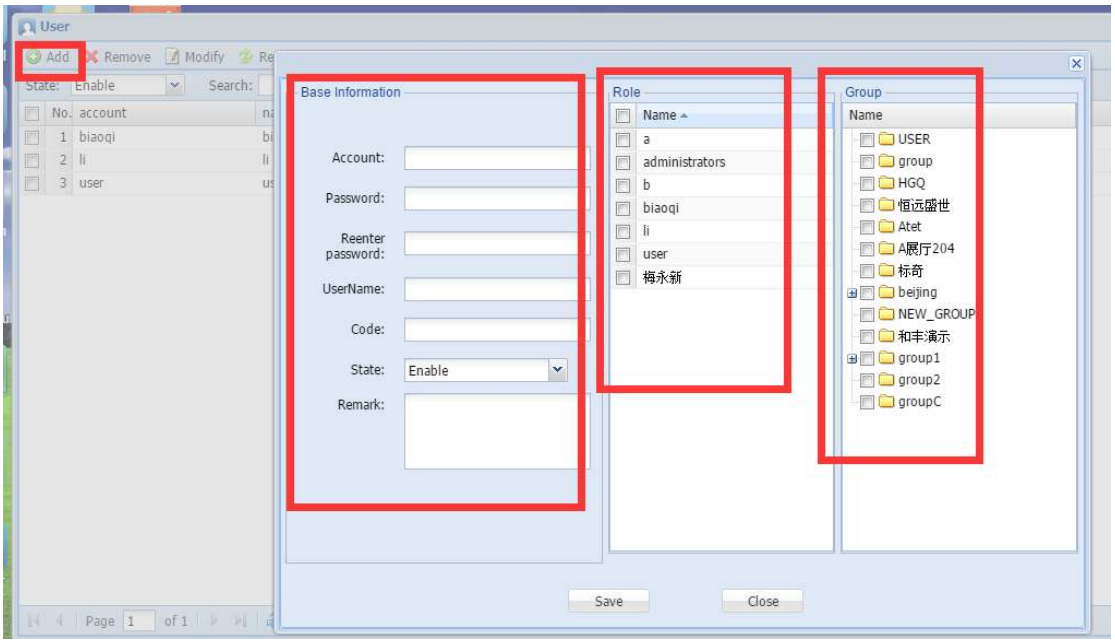
7.2.1 Role

Under Role operation: Just mainly select the function for this role.



7.2.2 User

Under User operation: Just set the user with different group and role,having the user has different limitation and rights.



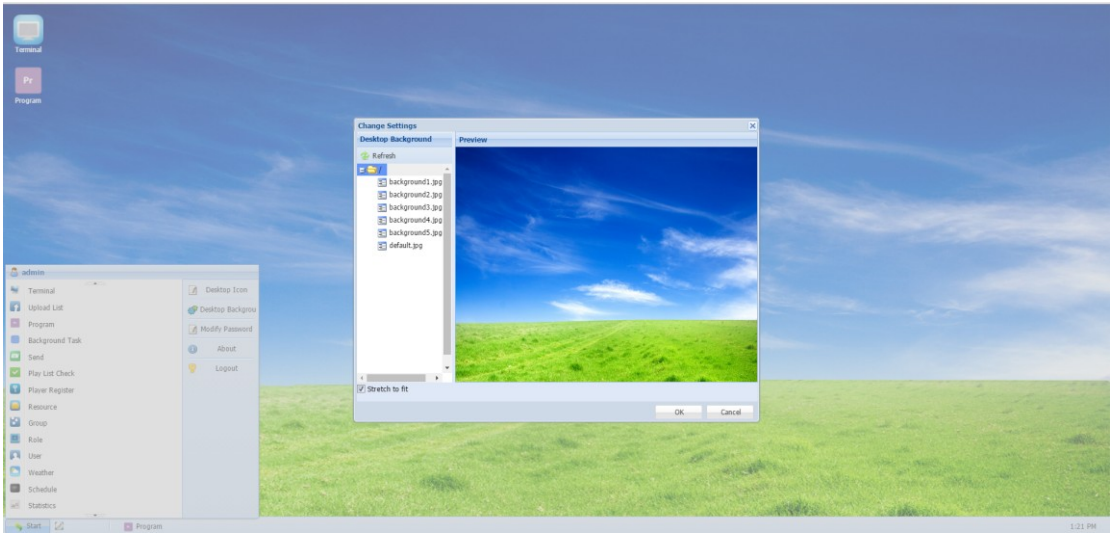
Usually,this function is used for the management with different duties like administrator,operator and monitor.

7.2.3 Check

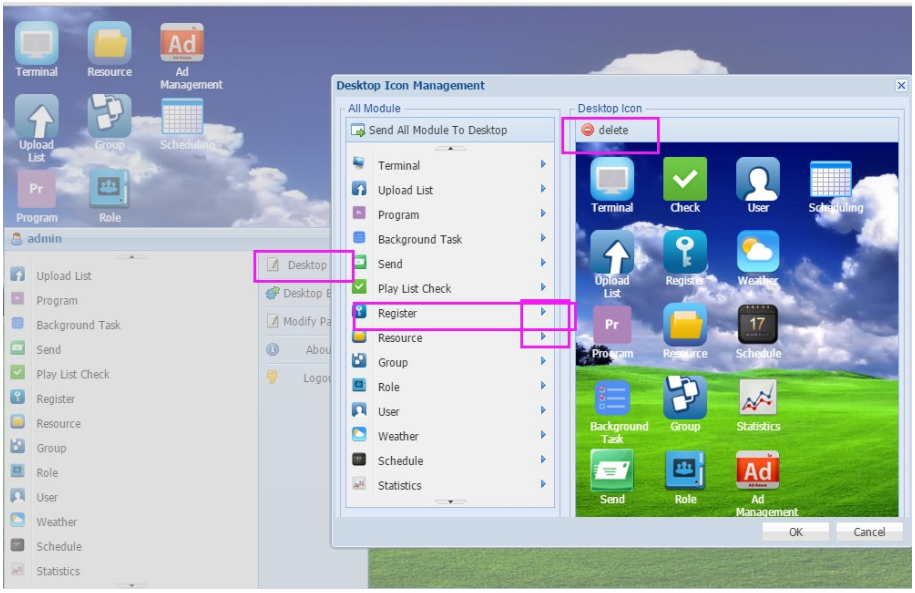
Under check operation,program can be monitored,checked or double confirmed by the defined user. It can ensure the security and accuracy of the public information.



7.3 Desktop background setting



7.4 Desktop icon setting

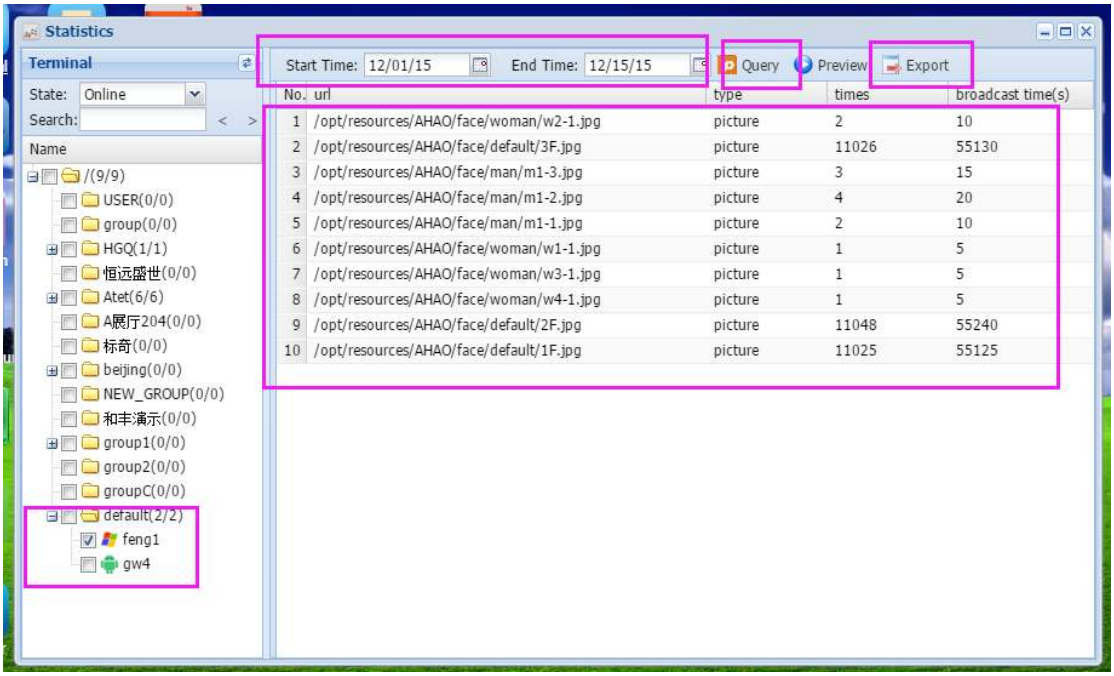


The icon can be added to the desktop,or be deleted from the desktop.

7.5 Playing Statistic

Click icon 

,and you can towards one terminals,it can query,preview,and export the program playing records.



8. Frequency question

8.1 Why I can not open the login web address?

Answer：1,Use Chrome

2. Double click icon 

to open it.

3. Have your server and control side on line.

8.2 After login,the terminal is grey color (not online)

Answer: 1. Have your server online

2. Check if IP address set in the terminal are right one.
3. Have your terminal on network
4. Close your firewall
5. Set the 6100 or 6101 port in your network routine to be opened.

8.3 Use USB storage to import program,failed

Answer: Pls cutdown the network to disconnect to the server