

# 21.5 inch Backpack walking billboard Operating instruction

[www.easttopview.com](http://www.easttopview.com)

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Please read this manual carefully and save it for reference before using the machine  
The pictures in this manual are schematic diagrams only

# Product catalog

<b>Safety tips</b>	1
<b>Basic operation</b>	1
<b>21.5 inch Backpack walking billboard</b>	2
<b>21.5 inch Backpack walking billboard</b>	3
<b>Backpack is introduced</b>	4
<b>Product size</b>	5
<b>The remote control</b>	6
<b>Computer control software</b>	7-22
<b>Computer control software</b>	23-49
<b>Troubleshooting</b>	50
<b>The appendix</b>	51
<b>Product specification</b>	52

## Safety tips

1. This product is not waterproof design, this product should be placed in a dry, ventilated environment;
2. Do not use this product outdoors in rainy days, and do not expose to lightning, dust, fog, ice and snow snow, use this product in the harsh environment of hail, gale and low temperature;
3. Do not place the device in an unstable place where it is easy to fall.
4. Do not put any object into the device, and do not put a container of water on the device;
5. Do not pour water on the product, and be sure to effectively prevent the gap between the power jack and the frame of the product to avoid short circuit or other damage to the product;
6. In a thunderstorm (especially when lightning is involved), remove the power plug and the antenna to avoid device damage no, if there is noise, peculiar smell or other abnormal phenomena during use, please immediately turn off the power and pull out the plug, and contact us;
7. Do not place the advertising machine near the radiator or other heat source equipment;
8. The power supply on the socket should not be overloaded to prevent electric shock or fire;
9. Use a dry, soft cloth (free of volatile substances) to wipe the equipment;
10. When cleaning the advertising machine, please unplug the power cord first and ensure that the machine is in the state of power failure;
11. Please read the instructions carefully before inserting TF card /U disk to prevent damage to the machine;
12. Do not squeeze the power cord, especially the power plug and the connection between the power cord and the product;
13. Do not disassemble or repair the equipment by yourself, in case of high voltage shock or other dangers;
14. Disconnect the power supply of all related devices when inserting and unplugging all cables. Do not work with the power on.
15. The power plug should be fully inserted into the socket, if not fully inserted into the socket, it will cause fire due to heat;
16. The power switch of the advertising machine should be located out of reach of children to prevent children from touching the power supply switch hazard;
17. If the machine does not work for a long time, please unplug the power;
18. Do not block the ventilation and heat dissipation holes and sound holes of the machine.

## Basic operation

### Power on/off

1. Use the DC12.6V/2A portable power supply to plug into the power port of the device.
2. If the screen is black, press the power button on the remote control or the device.
3. To stop the machine temporarily, press the standby button on the remote control or the device.

## 21.5 inch Backpack walking billboard

Included: HD playback box/mobile power supply



Normal model

CPU:RK3288 2G/16G  
Brightness:500cd/m<sup>2</sup>  
Install OS:Android 7.1 OS  
Capacity:12.6,12800mAh



Cheaper model

CPU:Allwinner A40I 1G/16G  
Brightness:500cd/m<sup>2</sup>  
Install OS:Android 7.1 OS  
Capacity:12.6V 6000mAh

## 21.5 inch Backpack walking billboard

### illustration

#### Fashion bag

Ergonomic comfort backpack  
Can accommodate notebook and other items



#### Display the date

Perpetual calendar (show year/month/day)

#### 21.5-inch HD LCD screen

Surface tempered glass protection,  
Effectively protect the LCD screen

#### Flow subtitles

You can set the speed/size/color/  
Background color/transparency

#### Custom LOGO

Frame can screen logo,  
LOGO can also be displayed on the screen

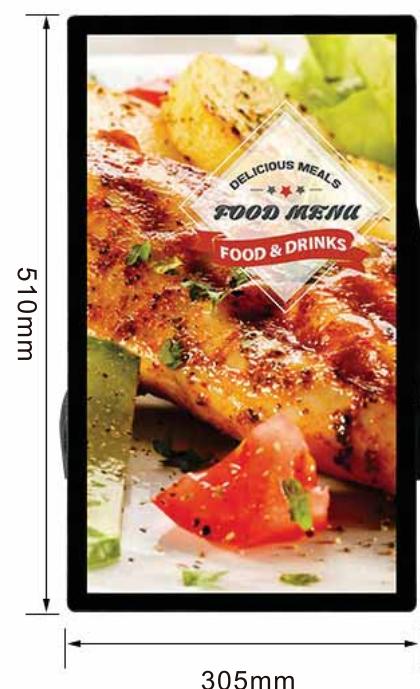
#### Face casing material

Arc Angle anti-collision design,  
Aluminium profile brushed frame

## Illustration of a comfortable backpack



## The overall size



# Terminal Management

## Introduction to remote control



A Switch: press this button once to turn on the device, and press this button again to turn off the device  
Mute: press this button once and the loudspeaker will have no sound. Press it again to remove the mute  
Vod: Video on demand    Live: Start the live program  
Volume Vol+/Vol- : Adjust the volume  
Play: Play/Pause    Pause: To temporarily stop playing  
◀◀: a song ▶▶: next song

B The mouse: Select this button and a mouse arrow will appear.  
Move the selection to become a mouse button  
Menu: Press this key to display the main OSD menu, and then press to return to the previous menu  
The main menu: Exit and return to the main menu  
Return: Press this key to exit the menu or the current state  
▼/▲/◀/▶ : Up, down, left, right arrow keys  
Confirm: Press this key to exit the menu or the current state

C 0-9 numeric keys: press to select a different channel  
● : Displays TV channel list information  
Delete: Delete the program that is playing or select the program to delete

Note: The remote control is subject to the physical object

## Cloud Server Login

1、**The normal model:** <http://etv.esoncloud.com/#/login>;  
With **cheaper model:** [http://www.mtstar.net/adc/login\\_toLogin](http://www.mtstar.net/adc/login_toLogin);

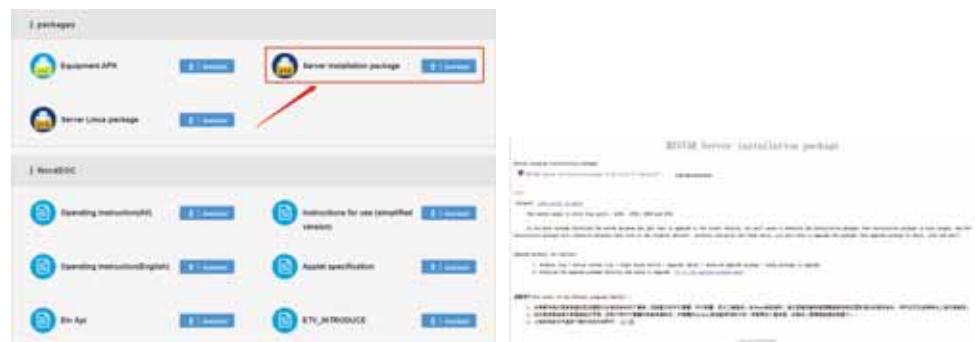
2、Registered account can be directly logged in to use, You can also download a LAN client from the download page (This pattern is recommended).



## LAN Server Installation

1、Click 'Resource Download' at the upper left corner to enter 'Usage Instruction Manual' (software operation video, document download, apk download, server download)

2、Resource center URL  
[http://www.mtstar.net/adc/document/xf\\_adclan\\_package\\_i18n](http://www.mtstar.net/adc/document/xf_adclan_package_i18n)  
Click on the version number to download.



normal model

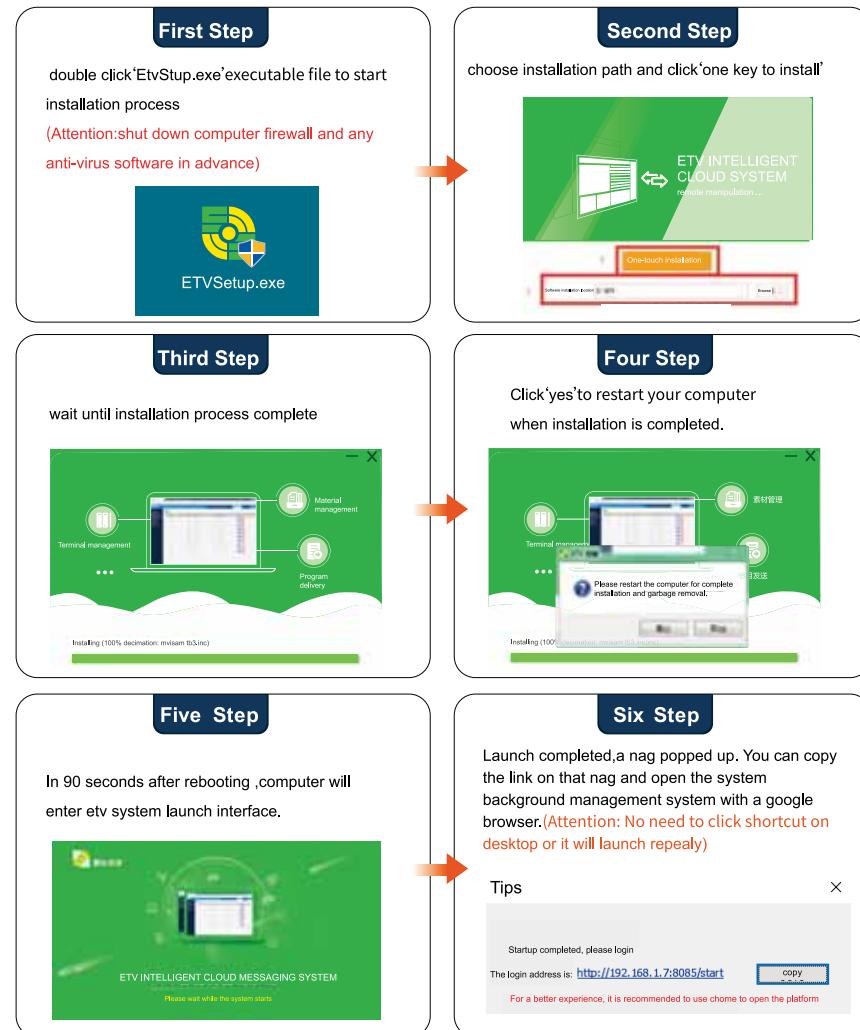
cheaper model

## Normal model server installation

After downloading, open the installation file, click Install, and select the installation location of disk C/D. The system requires Windows 64-bit version, and no other databases

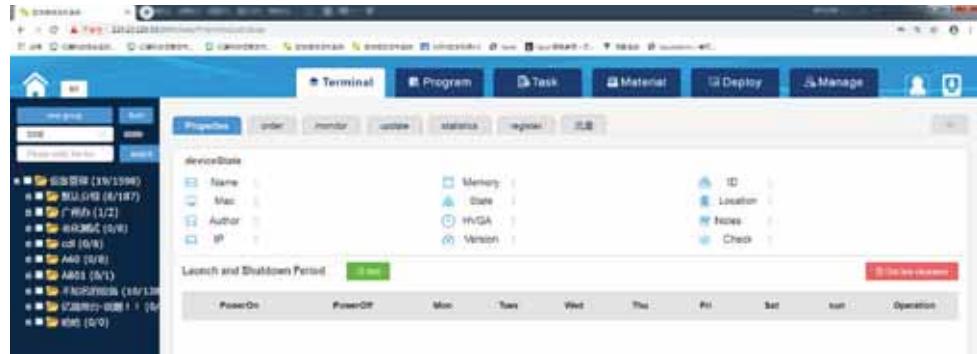
工具(I) 帮助(H)			
共享	新建文件夹		
名称	修改日期	类型	大小
ETVSetup.exe	2021/6/24 10:23	应用程序	516,501 KB

### Normal model installation steps



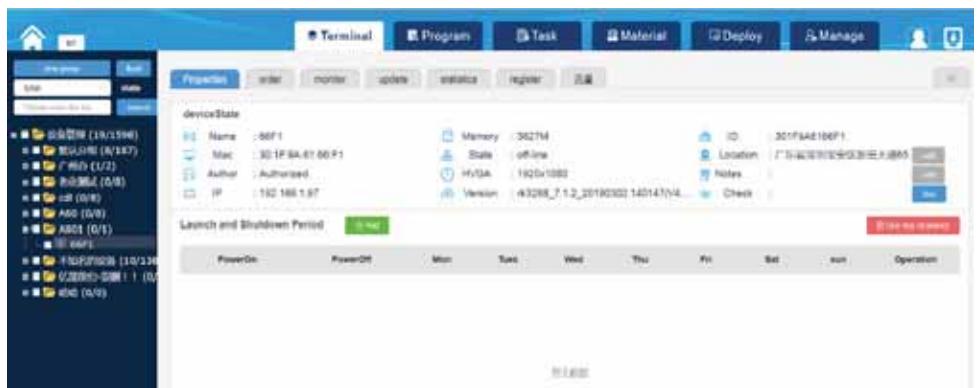
## Device properties check

click property configuration button in the red square to look up device list.



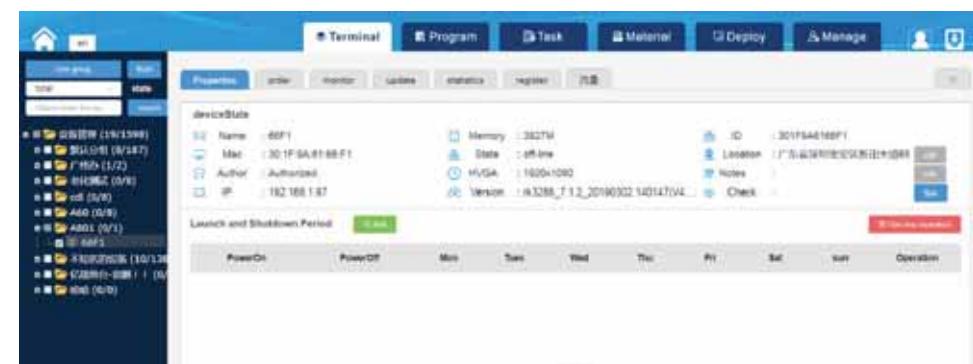
### Check device information

click one device from device group located in device list to view all information of this device  
click 'view button' in view task to check current task of this device (illustrated below)



### Timing Switch

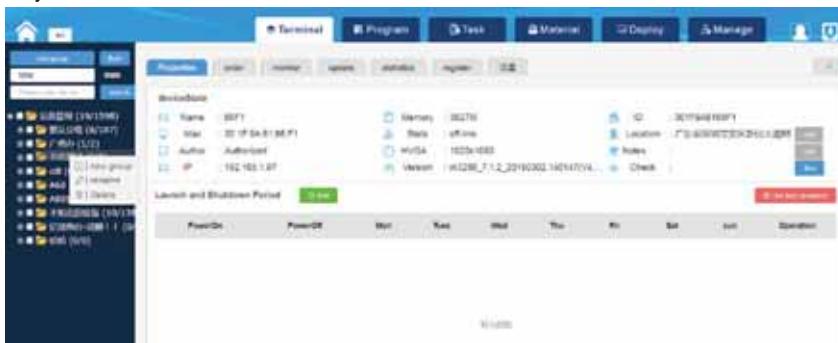
check device(single device,multiple device)-click 'add' button -timing switch window will pop up-click 'add'--choose start time, shut down time, check time period—click save to add timing switch



## Add new group, group rename, delete group

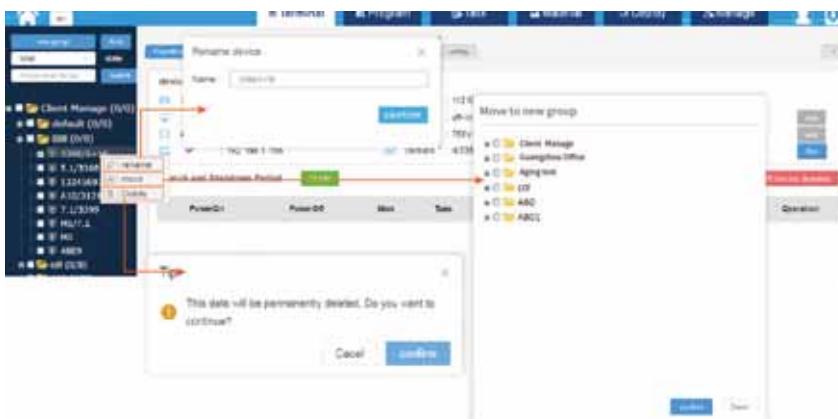
click add new group and input group name in popped up window

click right mouse button on a group from device management to rename and delete group, but only empty directory could be deleted.



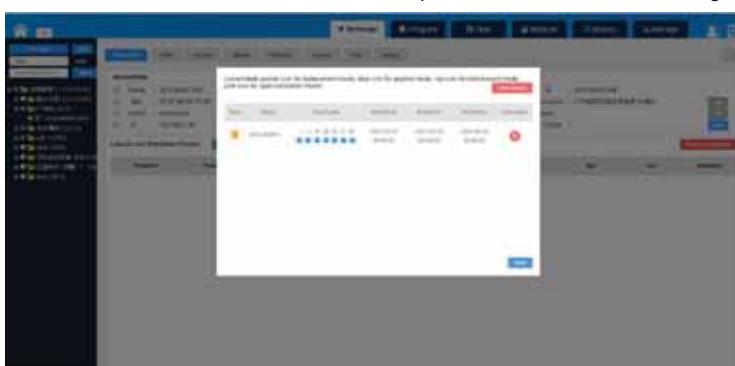
## Rename device, move device group, delete device

choose device----click right mouse button on a group, rename, move and delete three button will pop up, choose associated operation instruction to change device



## Device view task, search device

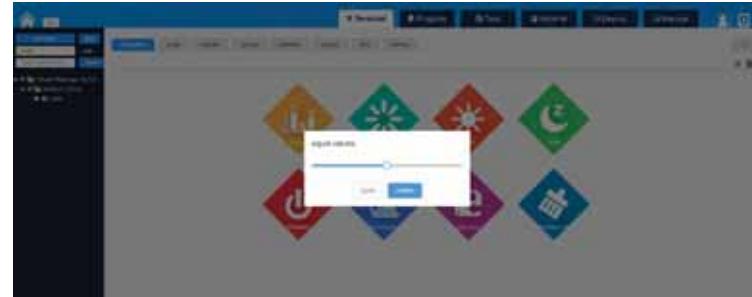
check device(single device,multiple device)-click 'add' button -timing switch window will pop up--click 'add'--choose start time, shut down time, check time period—click save to add timing switch



## Remote control instruction

enter 'terminal management', click remote control instruction

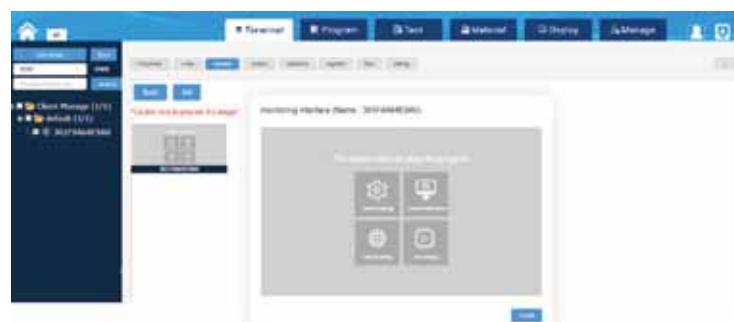
check the device need to be controlled remotely and then click required command to operate remote control on device.



## Remote monitor

enter 'terminal management' and click remote monitor

check device need to be monitored , click refresh button and wait for fifteen seconds , current playing content of device could be displayed. Double click the thumb to preview monitor stream.



## Set up

Wallpaper: picture wallpaper displayed in the main interface

Interval volume: the overall volume setting of terminal equipment in different time periods

Exit password: password for app exit

Daemons: the program exits to the background, and the daemons start the signaling system regularly

Video display type: full screen display or original scale stretch display

Picture display type: full screen display or original scale stretch display

Dual screen configuration: algorithm selection of sub screen display



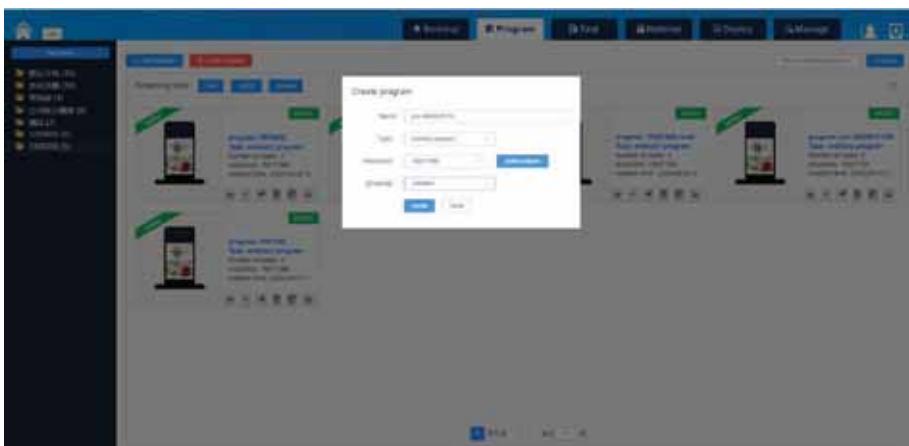
## Programme production

1. Channel Information:display made channel ,channel name,channel type,number of binding tasks, resolution and whether channel is approved
2. New Channel;add a new channel
3. preview: Preview channels has been made
4. edit:Modify channel has been made
5. Transfer:Send channel which has been made
6. delete: delete channels has been made
7. Auditing : Modify the channel state of same level
8. Mobile packet



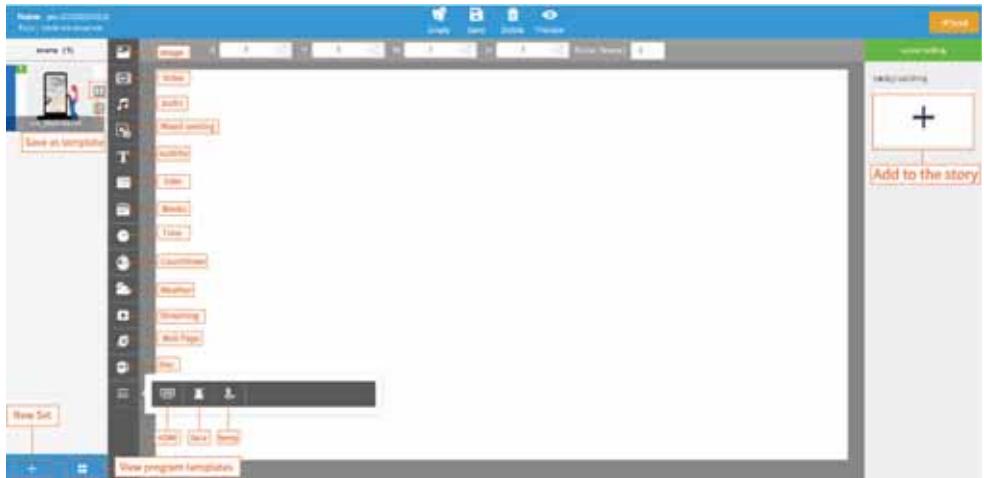
## Regular program

Section One General Channel. Click New Channel,choose general channel in popped up window,click 'create immediately',input' Channel name'---choose' channel type '---choose' channel resolution'---choose 'channel group' ---click" create immediately"



## General channel

click control item which need to be added in the control list located on newly popped up window to make a channel (the white area below represent for channel canvas)



## Add resource

click right mouse button,choose add resource---or click' +' button in the property bar at the right side and check resources you need to add,if there is no what you want---you can choose group ,click' upload files' button to upload files needed, click open ,check resources and click' Yes' button



## Control Item Effect

Channel made,Control item effect could be added. Effect could be added as long as make channel. **Picture:**After clicking' Picture' control item in canvas, effect of playing pictures could be changed in the right property bar as well as time interval which could be set separately. General time interval set button could also be configured

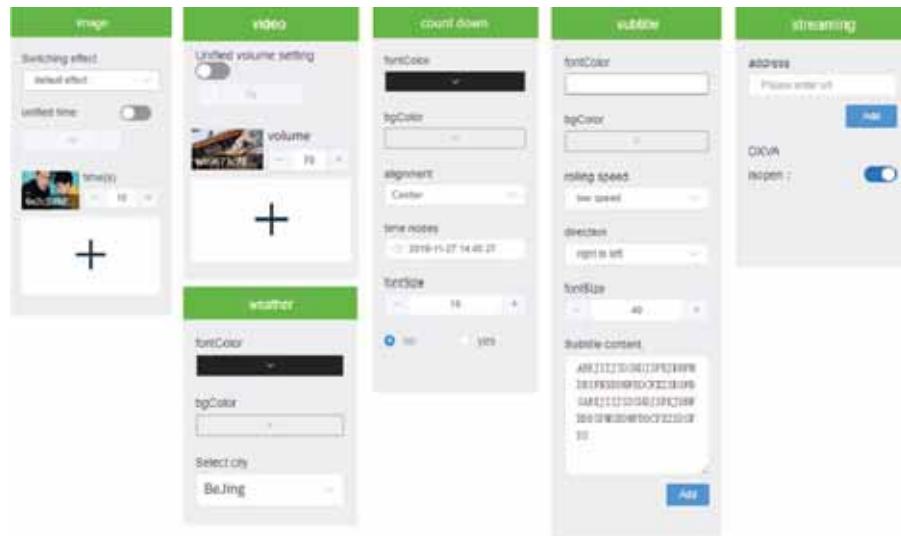
**Video,audio:**after clicking video or audio control item in the canvas, volume could be set in the right property bar.

**Time,weather,week:**after clicking time,weather,week control item in the canvas, color of word could be changed as well as city property of weather control.

**Countdown:** after clicking the countdown control item in the canvas, color of word ,color of background, alignment, countdown time, font size could be changed from property bar at right side

**stream media,website:**Click stream media control and website control item to add a domain name from the property bar at right side

**subtitle:**click' subtitle ' control item to add words,background color , scrolling direction and speed,size of subtitle and subtitle content.

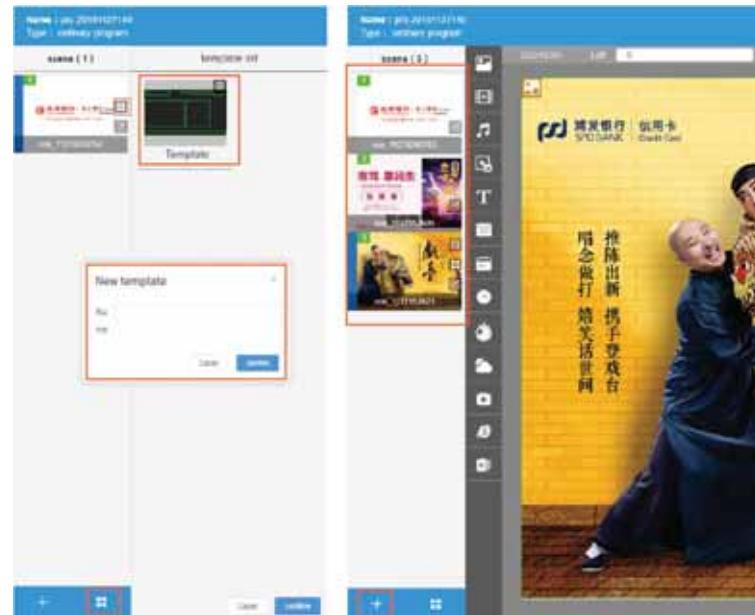


### change location of control item

**Move:**choose control item---click right mouse button---choose move to change the location of control item;

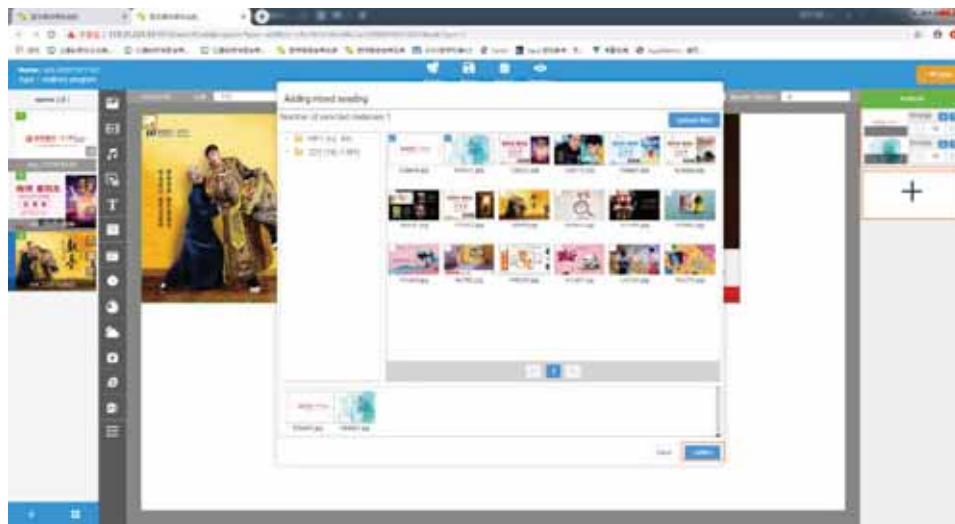
**Save template:**click' save as a template icon--input channel template name---yes current channel could be saved as a template

**Build a new channel:**click the' '+' button from the property bar to build a new scene



### Play randomly

click random play(namely picture and video could be played randomly) control item and click add resource with right mouse button to add videos or pictures. Time intervals between two resources to succeed could be changed from property bar at right side.



### Preview and Save

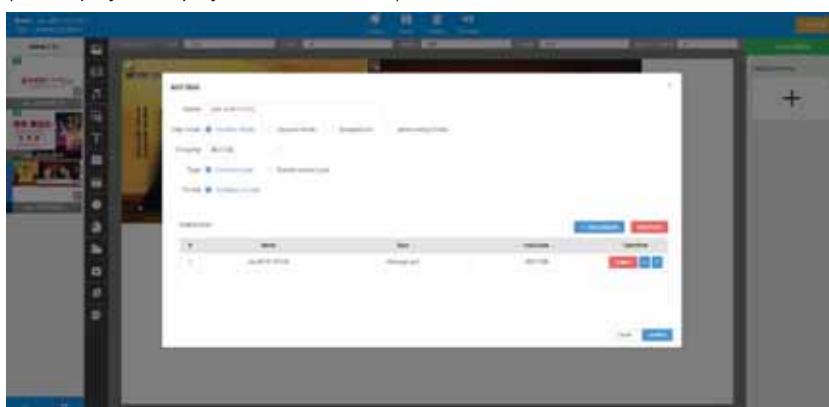
Having been made,channels could be previewed or saved



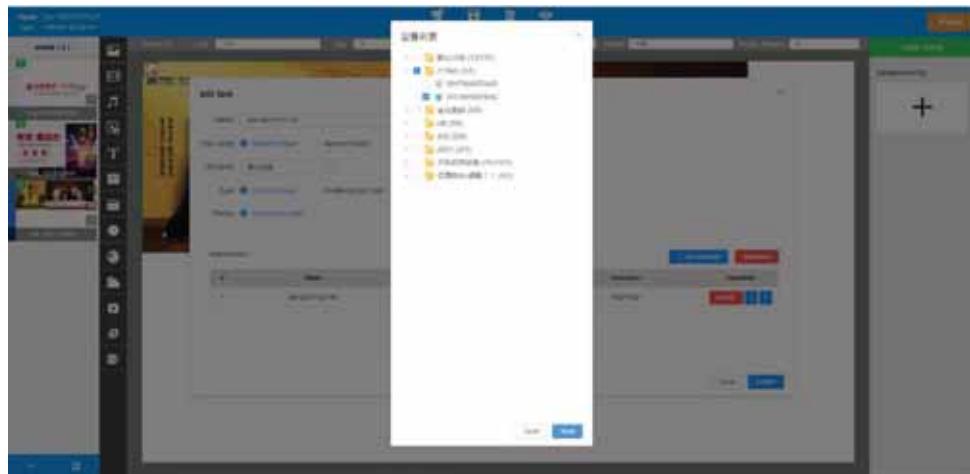
### Publish Channel

click send---input task name---choose' play type' to input task name

choose play type:replace mode (replace previous channel),append mode(append at the end of previous task),random mode(play previous channel firstly);----choose' task type':general task,dual-display task(two display could play different channels)--click channel---click" Yes"



check device---click'send'

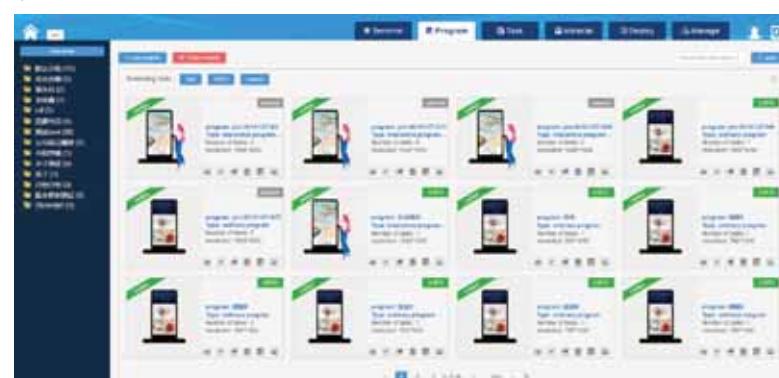


Jump to download list of" task management",when the progress of download reaches" 100%",channel is sent completely.



1. click preview,edit,send,delete,auditing button at the bottom right corner of every channel to make corresponding changes

2. If there is a notification called' used' at the upper right corner of a channel,this channel is bound to a task,vice versa



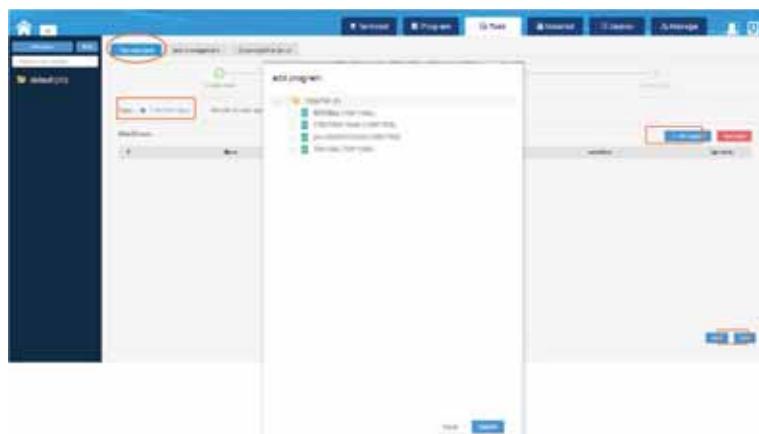
## Create task

click“ add new task” in“ task management”---input task name---choose play mode----choose task group ----choose play type----click“ Next step”



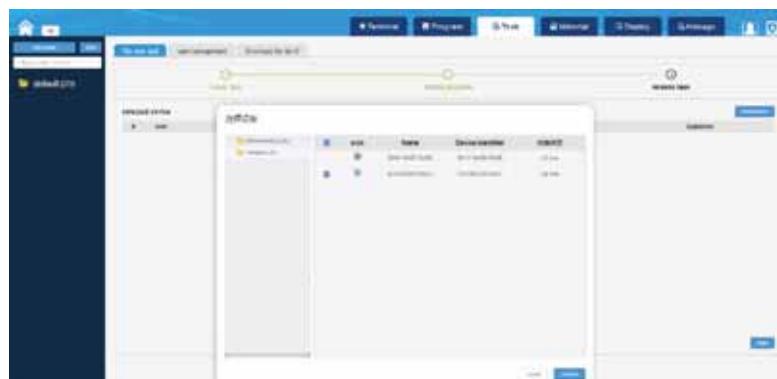
## Bind to channel

choose channel type---click“ add channel” button---check channel in the popped up window----click‘ submit’---click next step



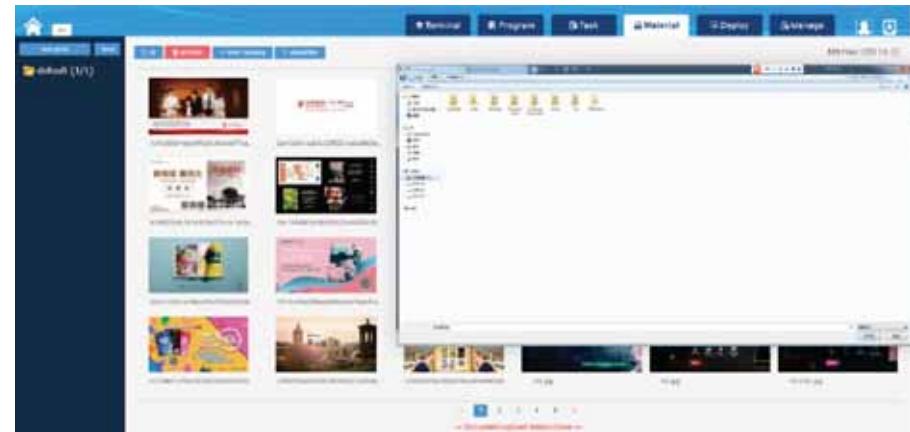
## Publish task

click“ add device ”button ----check device in popped up window,click“ Yes” ---click send



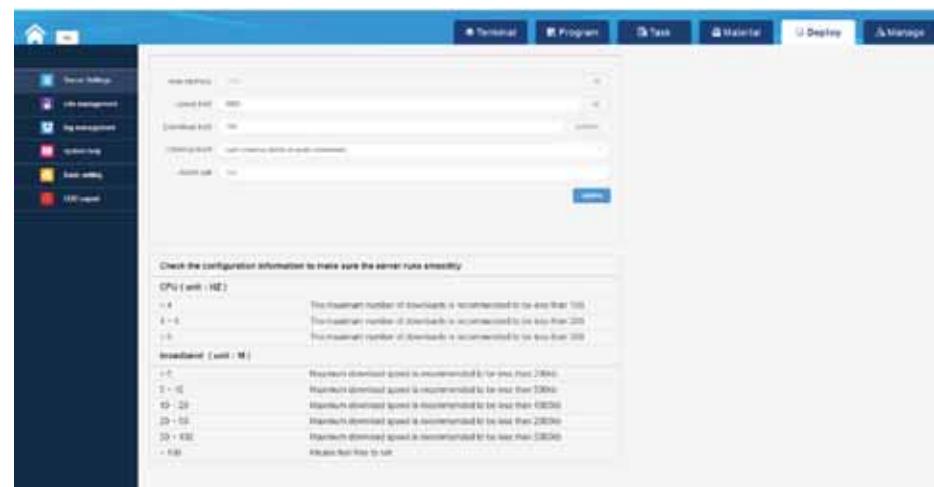
## Upload resources

files(attention:word document should be converted to pdf format before being uploaded,any details could be acquired from the document upload instruction manual)  
click“ resources management ” to enter resources management interface (attention: the format of upload resources could be found in format statement,system help of Chapter 6) the multiple media resources for uploading purpose such as pictures,videos, ppt and etc could be added via the“ add resources window” interface.



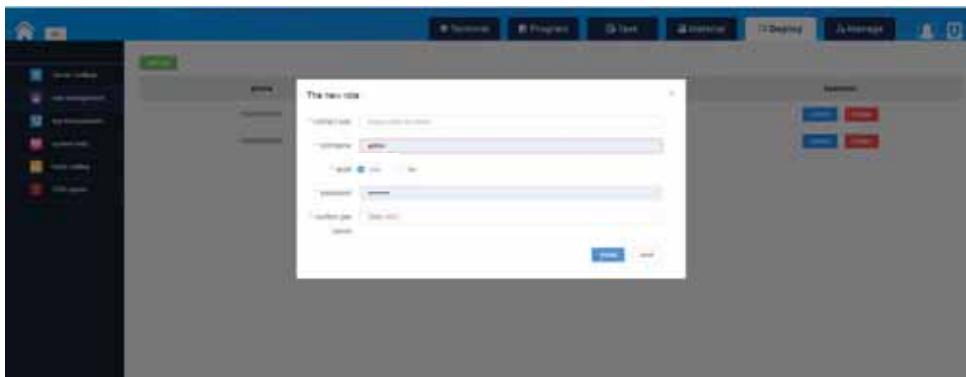
## Basic settings

maximum download speed,maximum downloading device number, memory clean level and reserved phone number could be configured,device could get configuration instructions after clicking yes  
(Attention:only level one users could carry out this instruction):in order to guarantee the smooth running condition of server,please have a check at configuration information



## Role management

role management:choose management---click add user button---input contact method----nickname---password---repeat password---click create immediately



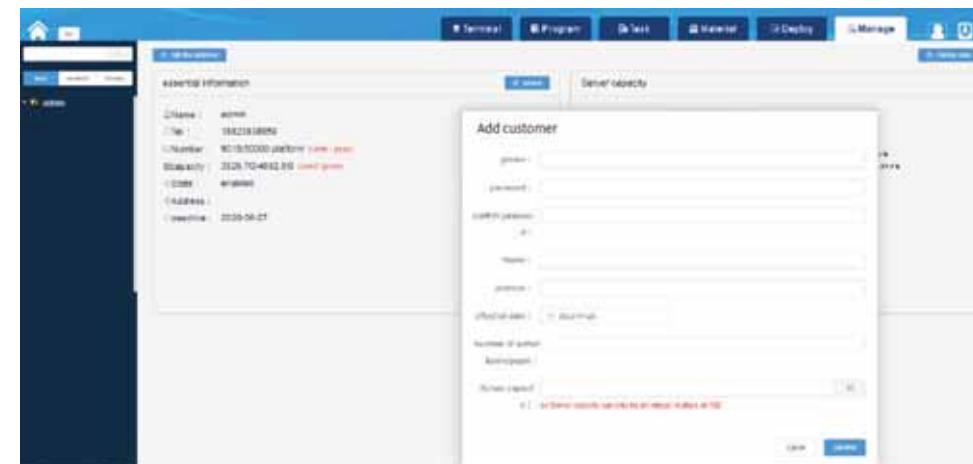
## Customer management

First class reseller could create and assign second class reseller account, it also could set authorized devices and server capacity for second class reseller  
 second class reseller could create third class user account and assign authorized devices plus server capacity for it  
 third class user create fourth user account and assign authorized devices as well as server capacity for it.

**Attention:** this account has the ability to login into server as the matter of which terminals will be enrolled under this account directly.

**Add user:** click add user in user management interface---input telephone number in popped up window---password---repeat password---name/company name---address---available time period----authorized devices number---yes

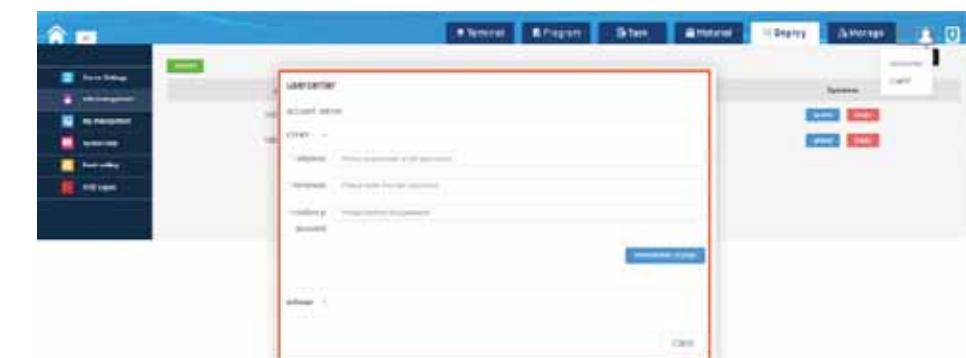
**Confirm revision:** Only the primary user could modify the available capacity and authorized device quantity



## Personal Center

The function of personal center is divided into two functions: user center and log in, log out, the user center provide user with the ability to modify the information and password of currently logged in user, the log in, log out provide users with logout and exchanging logging account

**User center:** click icon---click user center---click modify password---input old password---input new password---click modify immediately---input account---click modify immediately



**Running logs:** when device or system run to exceptions, users could export system error logs or device running logs to our development engineer to get FAE.



**system help:** There are update notes of software and instructions on data backup for users to read at "system help" interface



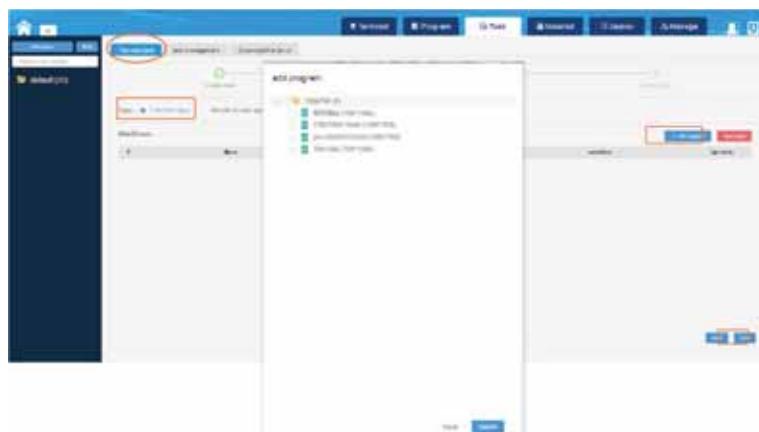
## Create task

click "add new task" in "task management"---input task name---choose play mode----choose task group ----choose play type----click "Next step"



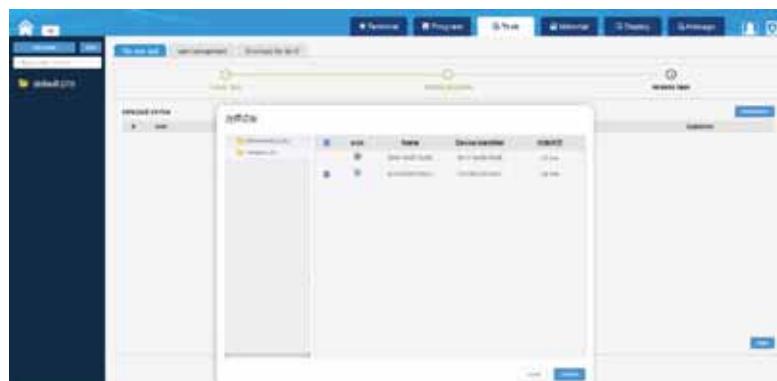
## Bind to channel

choose channel type---click "add channel" button---check channel in the popped up window----click 'submit'---click next step



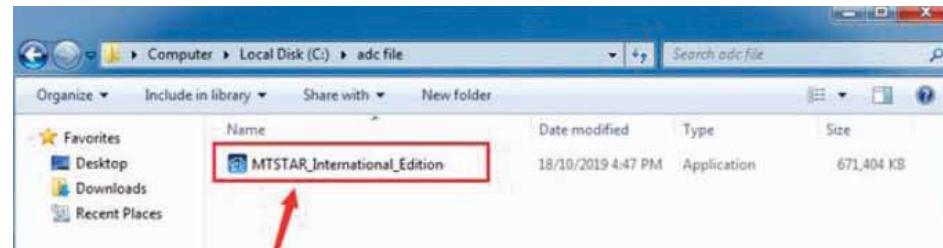
## Publish task

click "add device "button ---check device in popped up window,click "Yes" ---click send



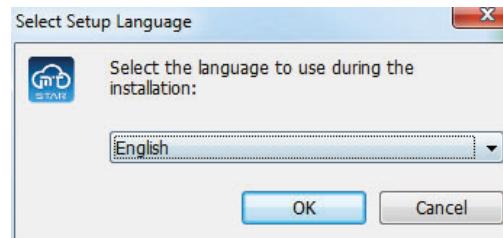
## Cheaper model server installation

1. Please use 64-bit Windows install program.
2. login web management system by Google Chrome.

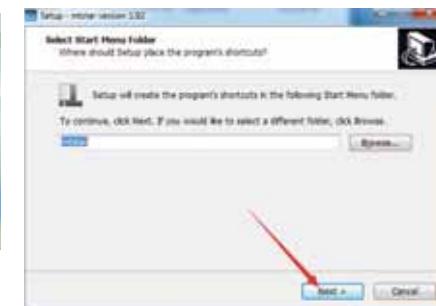


## Cheaper model installation steps

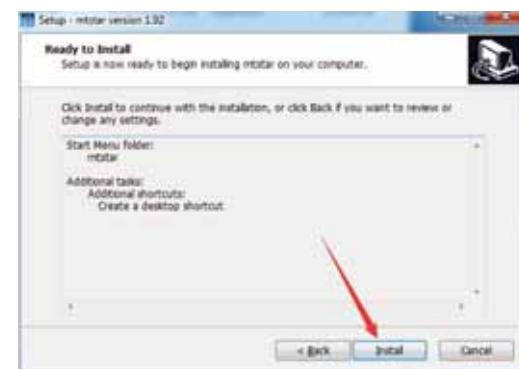
Please close the anti-virus software before installation. The installation steps are very simple, please run the installation program, continuously click next, and wait for the installation to complete.



Choose the language you want to install, Click "OK".



continuously click next.



Click "Install"

Waiting for installation to complete.



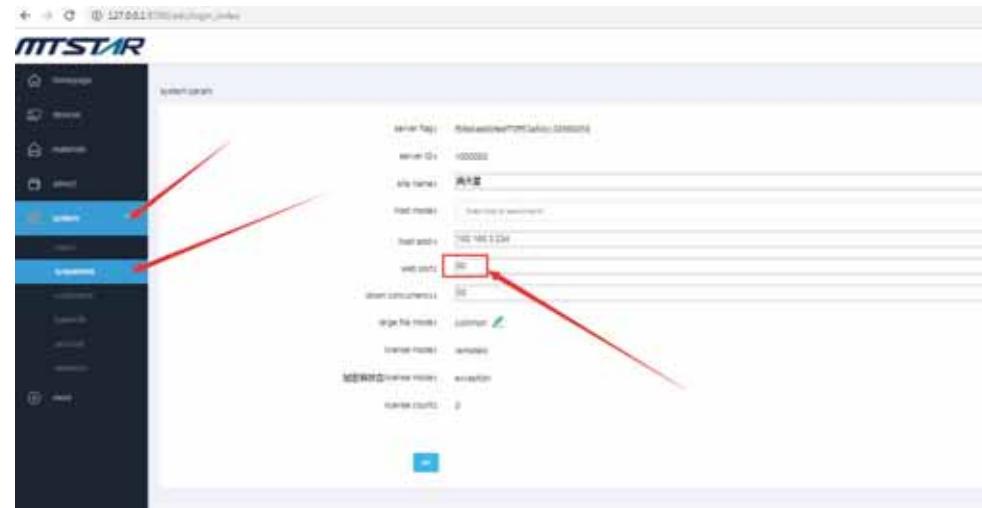
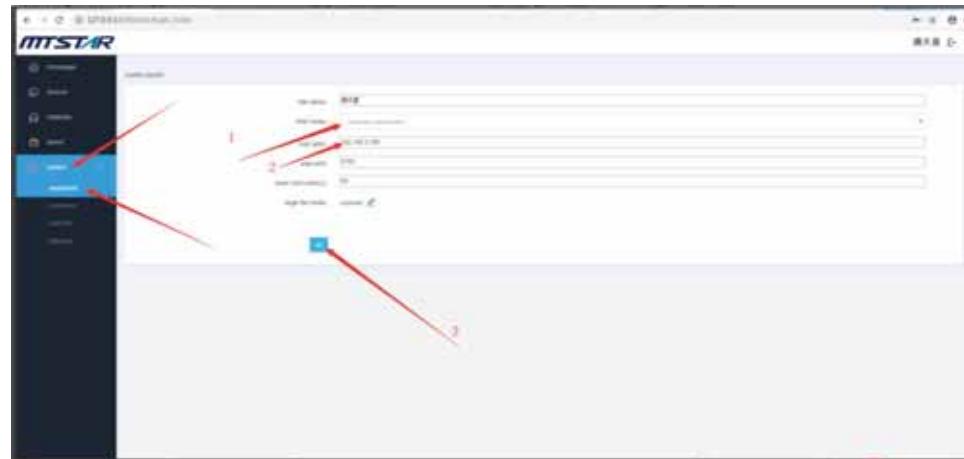
The installation is completed as follows

The desktop will generate a shortcut, this shortcut comes from D:/adc/adclan.exe

## Set access address

Note: Only the admin administrator has the right to modify. The server needs to set a fixed host address. (There is no tutorial here.) If you want someone else (meaning a different network) to be able to access your server, you need a dedicated public network.

- On the system parameters page, click on "host mode" and select "fixed host ip, recommend".
- Enter this fixed host address or domain name in "Host Address".
- After setting, you need to click "OK" to save the current configuration.



(2) After the first step is completed, modify D:\adc\tomcat\conf\server.xml, as shown below, replace it with the port entered in (1), Save and close.

```
<!--
<Executor name="tomcatThreadPool" namePrefix="catalina-exec-"
  maxThreads="150" minSpareThreads="4"/>

<!-- A "Connector" represents an endpoint by which requests are received
     and responses are returned. Documentation at:
     Java HTTP Connector: /docs/config/http.html (blocking & non-blocking)
     Java AJP Connector: /docs/config/ajp.html
     APR (HTTP/AJP) Connector: /docs/apr.html
     define a non-SSL HTTP/1.1 Connector on port 8080
-->
<Connector port="80" protocol="HTTP/1.1"
  connectionTimeout="20000"
  redirectPort="6443"
  URIEncoding="UTF-8"/>
<!-- A "Connector" using the shared thread pool-->
<!--
<Connector executor="tomcatThreadPool"
  port="8080" protocol="HTTP/1.1"
  connectionTimeout="20000"
  redirectPort="8443"/>
-->
<!-- Define a SSL HTTP/1.1 Connector on port 8443
     This connector uses the BIO implementation that requires the JSSE
     style configuration. When using the APR/native implementation, the
     OpenSSL style configuration is required as described in the APR/native
     documentation -->
<!--
<Connector port="8443" protocol="org.apache.coyote.http11.Http11Protocol"
  maxThreads="150" SSLEnabled="true" scheme="https" secure="true"
  clientAuth="false" sslProtocol="TLS" />
-->
```

(3) Exit the system and restart

## Modify the web port

It is not recommended to modify the port if the ports do not conflict. Modification step:

- (1) In "System", "sysparams", enter the port you want in "web port" and click "OK".

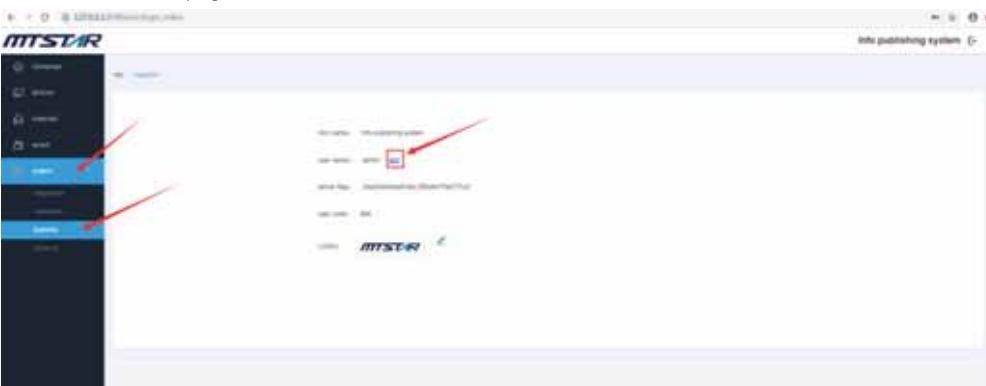
## Check the user basic information

User information can be seen on the basic information page.

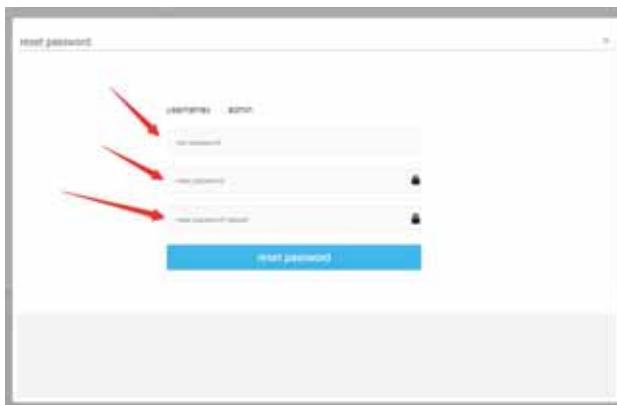


## Change Password

Basic information page, click "edit".



Enter the old password, then enter the new password and confirm the password. Click "reset password"

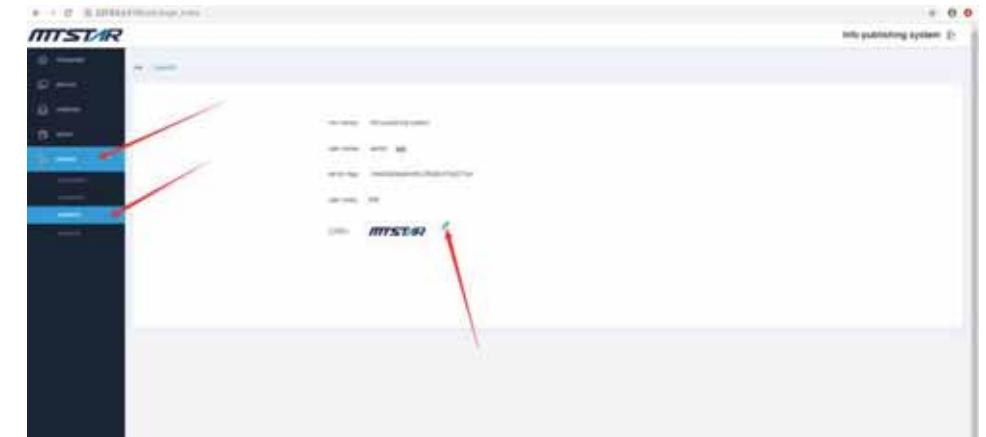


## Modify the header logo

Note: Only the admin administrator has the right to modify.

The width and height of the selected logo file cannot exceed 200\*50px, The recommended width and height are 150 \* 40px.

- On the basic information page, click the edit icon after "LOGO".



- Click on "choose file" and select the logo file on your computer.



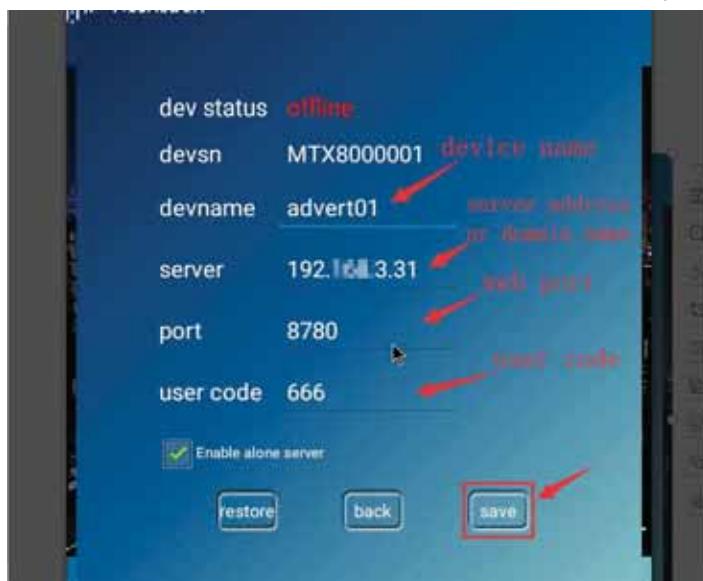
## Advert server settings server information

Before that you have to start the server "MtStar" background service. First of all, the advertising machine needs to connect to the network, this network needs to be able to access the background of your own server.

- Start the "MtStar" client.
- The first time you start, there will be a window to quickly configure the server, click the left mouse button or the remote control back button.

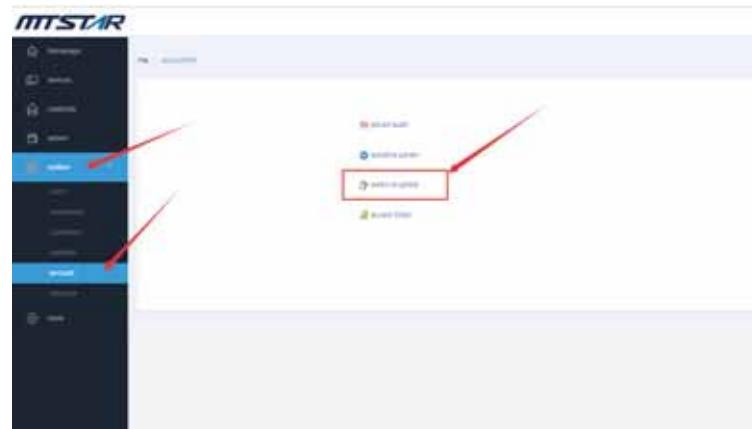


Enter the device name, enter your own server address or domain name, enter the port (Ifnot modified, the default is: 8780), enter the user code (admin user code is 666). Finally click on "Save".



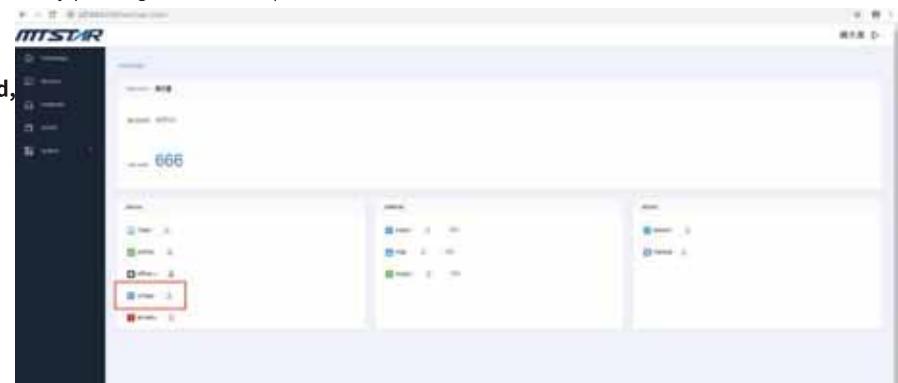
## Add an ad machine in the background

**Note:** If your advertising machine is not in China, you need to switch management areas first. In "System", "account", click on "switch to global"



## Add devices

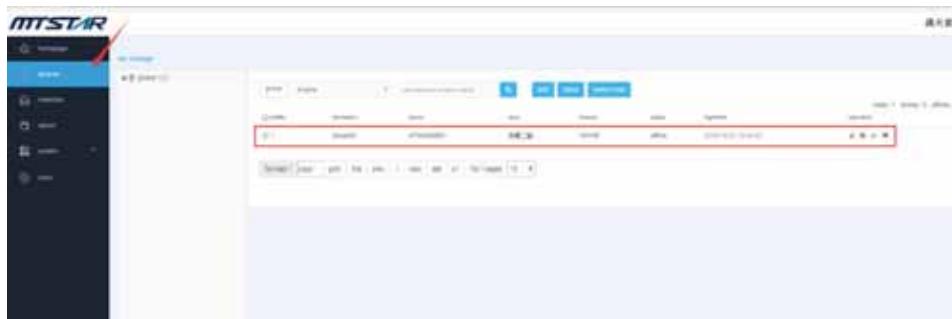
First, Device playback software configuration is required to point to the server. After the device points to the server, the background automatically identifies the device pointing to the server and adds the device pointing to the server for the first time to the list of "Not added". As follows: (The device is already pointing to the server)



Click on the value of "unreg", Tick the device you want to add, Click the "reg dev" button.



After the above operation is completed, click the left "device". The added device will be in Device Management with device information.



### Upload the material and manage

Currently the platform supports uploading the following file formats.

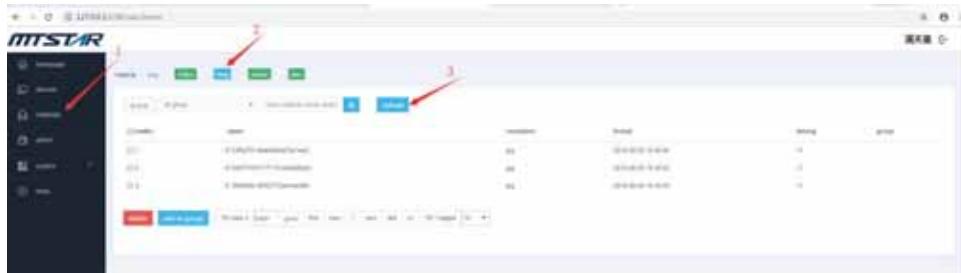
**Video:** m4v,mp4,avi,webm,mpeg,mpg,ogm,ogv...

**Img:** jif, jpeg, jpg, bmp.

**Music:** mp3.

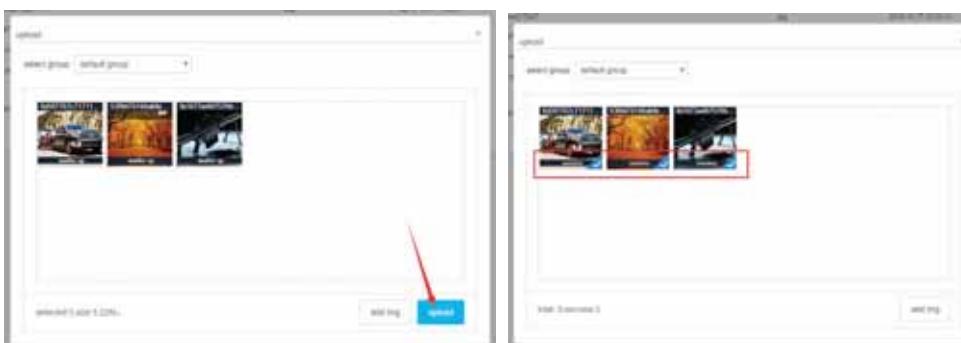
**Document:** Word, Excel, PPT, PDF.

Click material. Click the type of file you want to upload, followed by the upload button Let's say you want to upload a picture. As follows:



And then click "Upload".

Upload to complete, As follows :



After the upload is successful, you can see them in the image list. Move the cursor to the image name or click on the image name, you can view this file.



### Upload document matters need attention

(1) Computer needs to install office software.

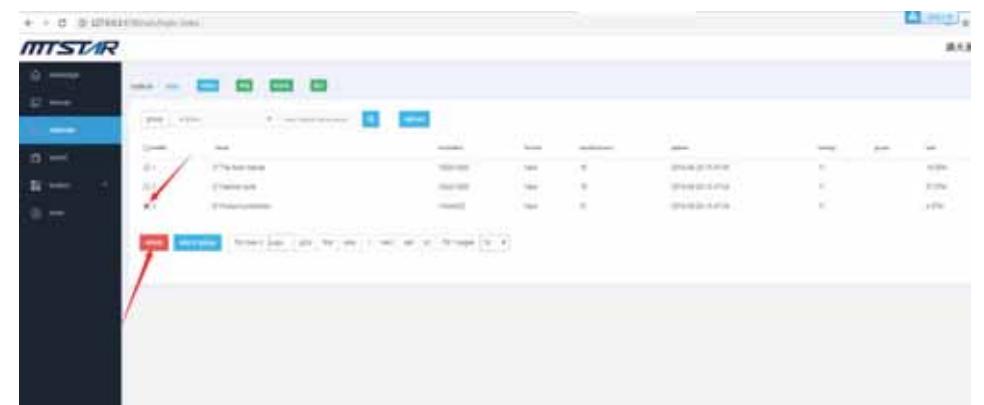
(2) Currently supported Word, Excel, PPT, PDF file format.

(3) After uploading successfully, the system will convert text into pictures. It takes a little time.



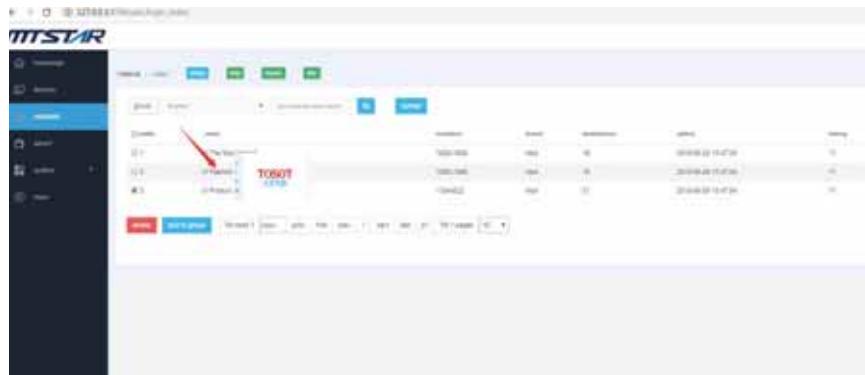
### Delete material

Select material, click "delete", You can choose multiple.



## Check the material

Click on the name of the material. You can check the material.

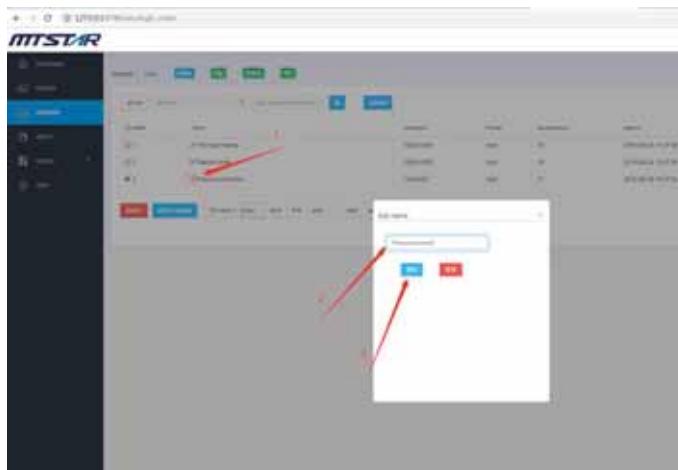


Click "add group", input"group" name, click "OK" save.



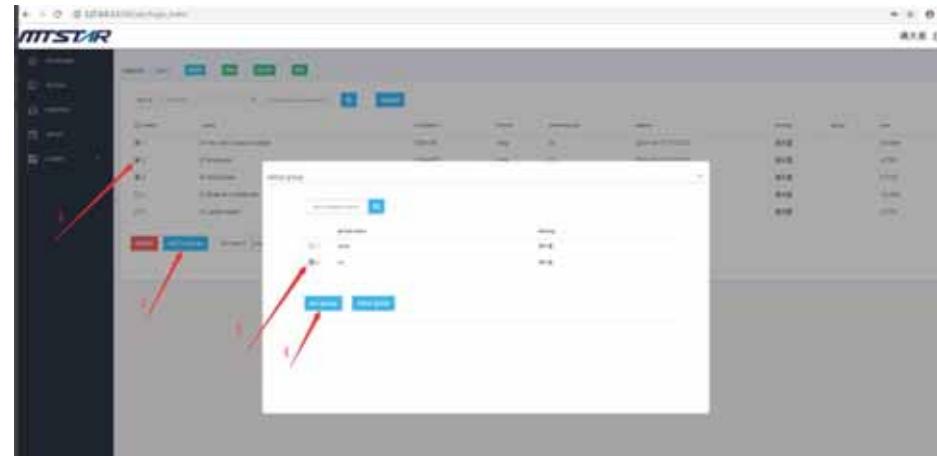
## Modify the name of the material

Click the edit icon in front of the material name



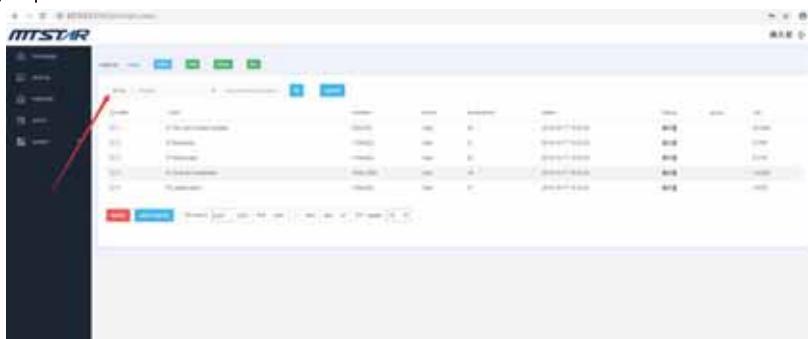
## Join and leave group

Select materials to join or leave the group, Click "go to group", Select a group and click Join or Leave.



## Add group

Click "group".

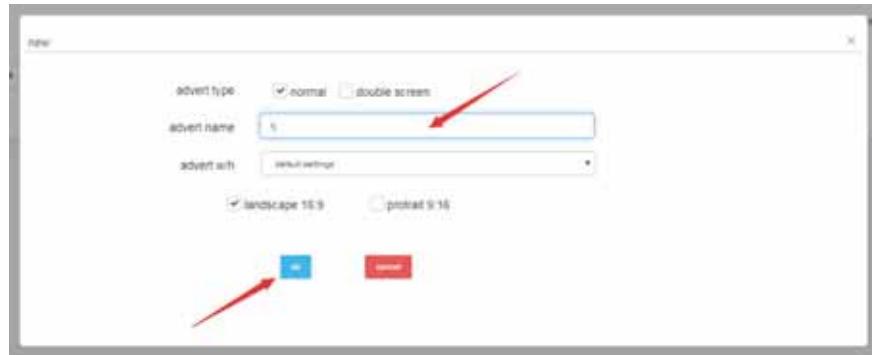


## Production an advertising

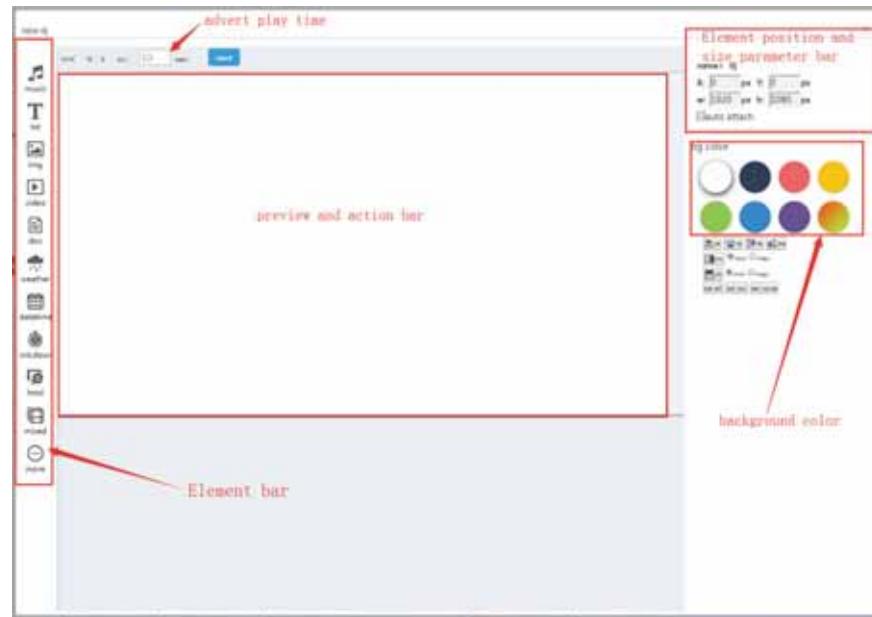
Advert management page, click "new".



Select advert type(Support dual screen), Input advertising name. If you want to customize the width and height of your ad, please select "custom settings" in "advert w/h" and enter the width and height. After selecting, click "OK".

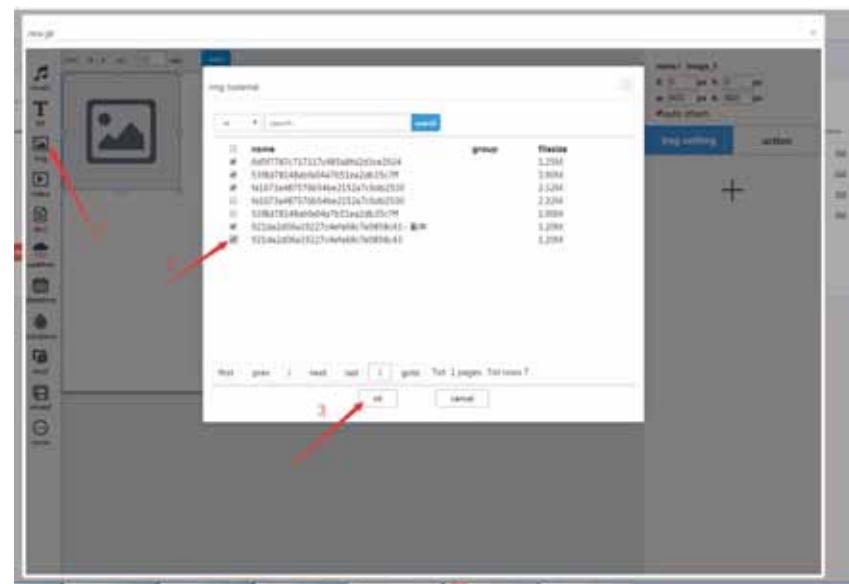


You can add images, videos, background music, text, documents, weather, dates, countdowns, web pages, video and video mixes, data interfaces, third-party ads, and streaming.



## Add image element

Click "img", If you select multiple images, they will be played in this window in turn.



You can also use the mouse to move or stretch the element, You can also set the switch time or delete and sort. You can continue to add images by clicking the "+" symbol.

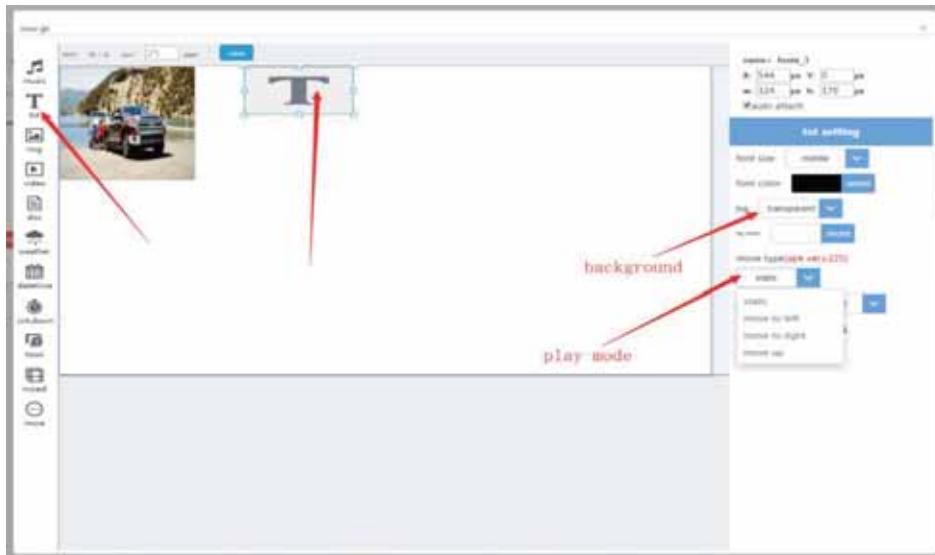


Support multi-window independent playback. Select an element, right click on this element and you can lock the current settings or fill or delete.



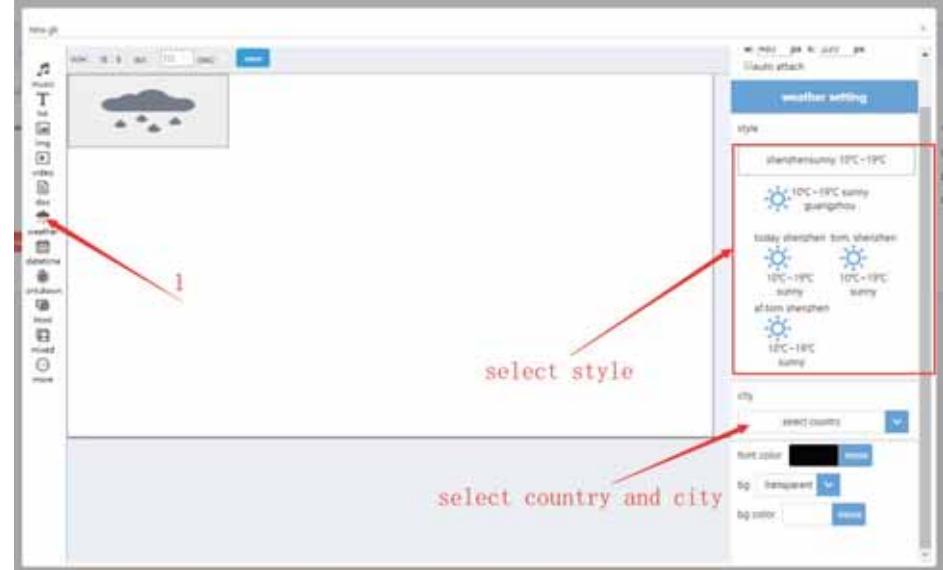
### Add text element

Click "TXT", Double-click the text element to enter the playback content. You can set the font size or font color or background or play mode. The text content you entered is only played in the text box. You can set the width and height of the text box.



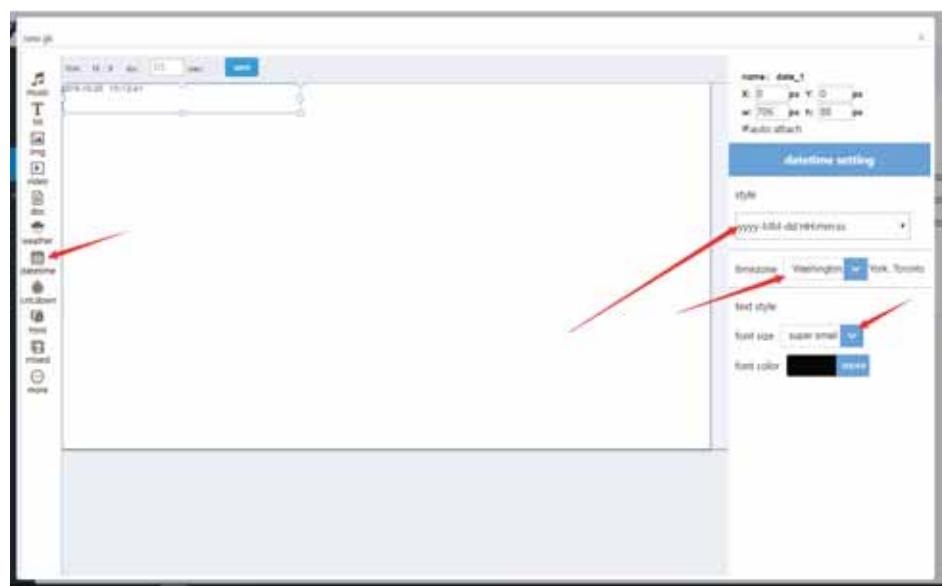
### Add weather element

Click "weather". If you want to add weather, you need to choose the country and city.



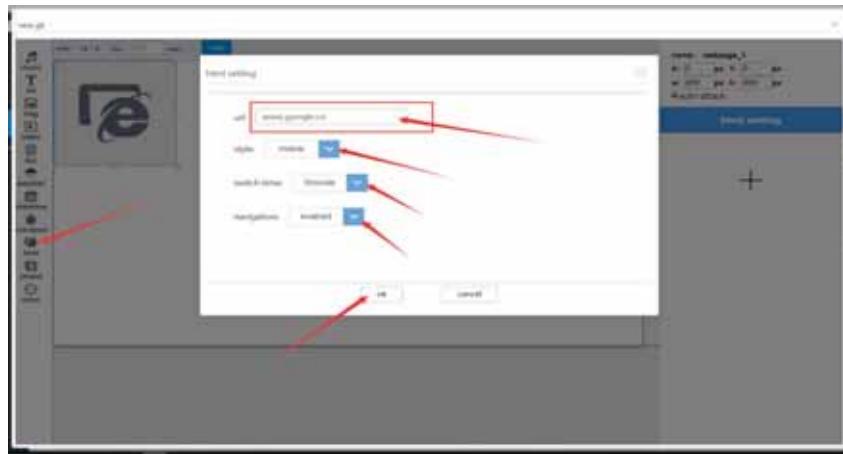
### Add date and time

Click "date time". You need to choose the style and time zone, you can also set the font size and color.



### Add web element

Click "html". For example, if you want <https://www.google.cn>, You can type "https://www.google.cn" or enter "google.cn" Then set the page style and switch time and click "OK".



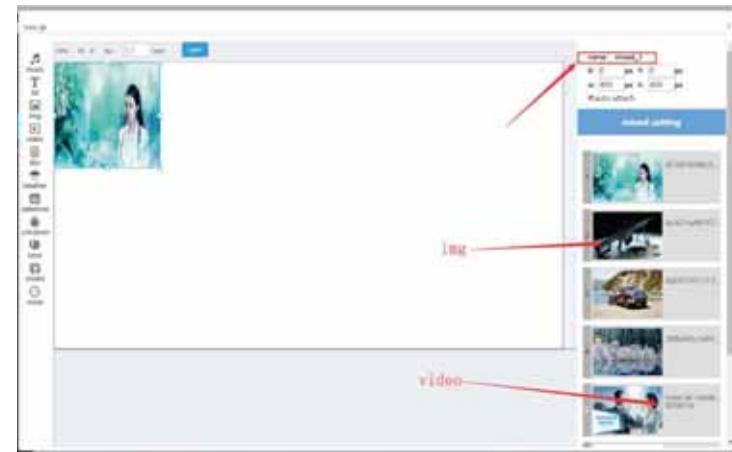
### Add mix element

If you want the video and images to play in one window, you need to add a mix of elements. Click "mixed", Select the image you want to add.



If you want the video and images to play in one window, you need to add a mix of elements. Click "mixed", Select the image you want to add.

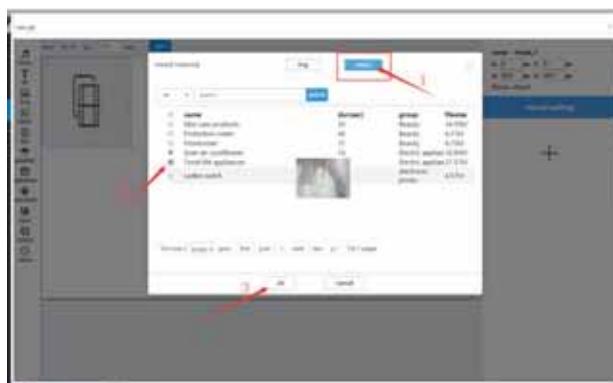
Adding is complete, then you need to adjust the size and position.



Once the production is complete, you need to click "save" to save to the list.



Added successfully! Move the cursor to the advert name or click on the advert name, you can view this advert.

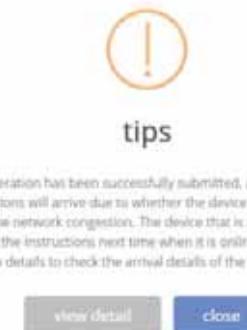


## Distribution a advert

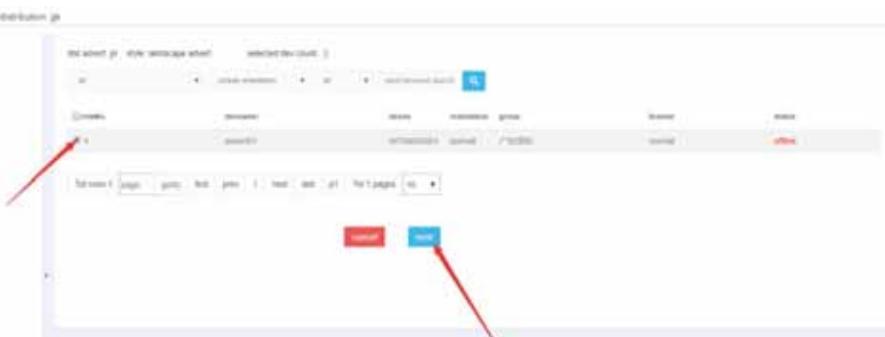
Select an ad from the ad management page, click "distribution", or click "dist" after the ad.



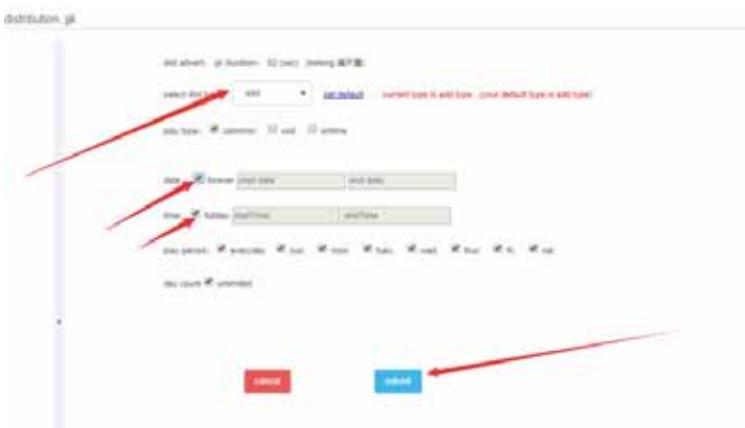
The release is successful, and the offline device receives the command after the next online call. You can go to "dist detail" to view



Select the ad machine you want to distribution and click "next".

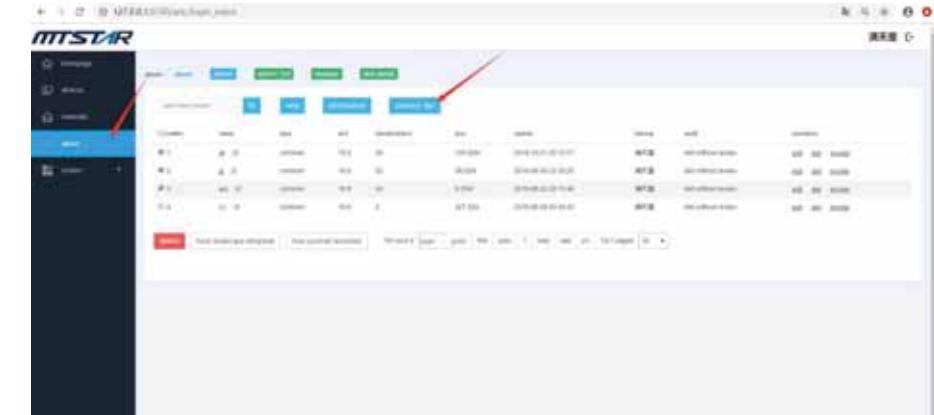


Select the distribution mode. If you want to set the effective time of the ad, please deselect "date" and "time", then select the effective playing time of this advertising. Finally click on "submit" If you select "date" and "time", it will be played permanently.



## Distribution multiple adverts

Select multiple ads from the ad management page and click "advance dist". Then select the ad machine, set the distribution mode and ad time.



When publishing multiple ads, you can set the number and order of their playbacks per round. Click "set the advert play order & weight".



## Delete advert

Select the ad you want to delete from the ad management page and click on "delete".



## Edit advert

Select an ad you want to edit on the ad management page and click "Edit". Then you can edit the ad content and save it after editing.



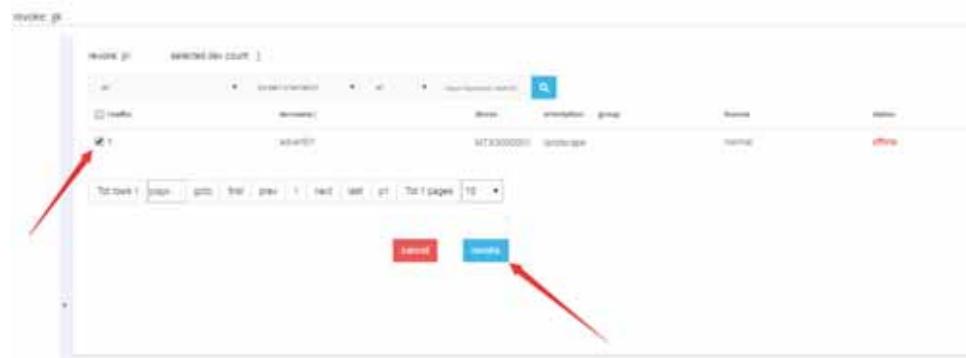
## Revoke advert

Ad management page, select an ad to cancel, click "revoke" behind the ad.



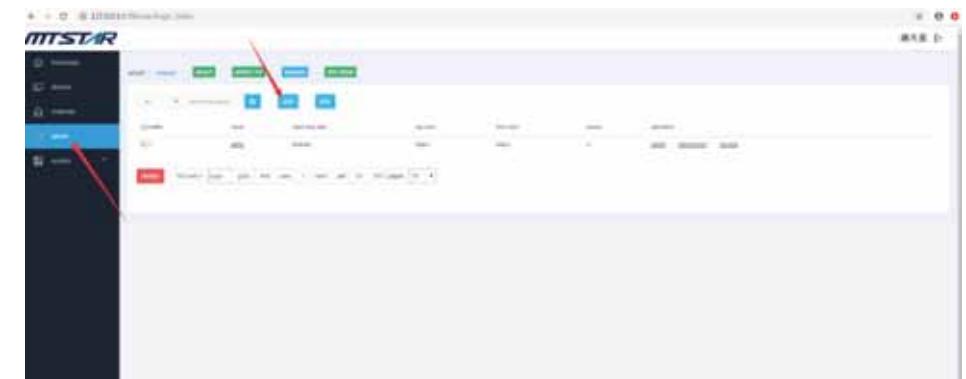
Then, select the ad machine you want to undo. Click "revoke".

The offline ad machine will receive the command after the next online launch.  
If the ad is not distribution independently, the revocation is invalid.

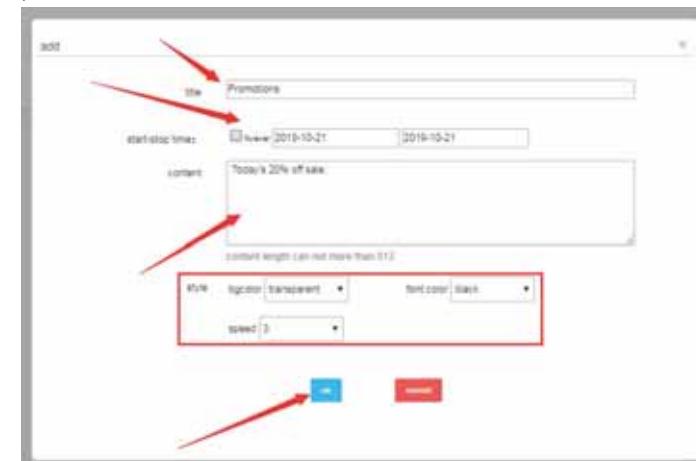


## Production an marque

The word "marque" here refers to the word running on the screen. Click "marque" on the ad management page, then click "add".



Enter the title, set the play time, enter the play content, select the style, and finally click "OK" to save to the marque list. Note that the title does not run on the screen, the content runs on the screen.



## Distribution marque

Marque management page, select a marque, click on "dist", or click on the "distribution" behind the marque. Click on the name of the marque or "detail" after the marque to view the content.



Select the advertising machine to be distributed and click on "dist". The offline ad machine will receive the command after the next online launch.

Tips:marque been published or expired , read only, not editable!



## Revoke marque

Click "revoke".

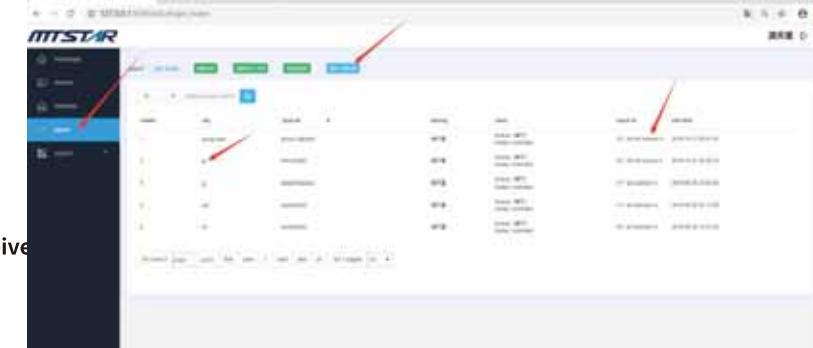


Select the advert machine you want to set and click on "revoke".



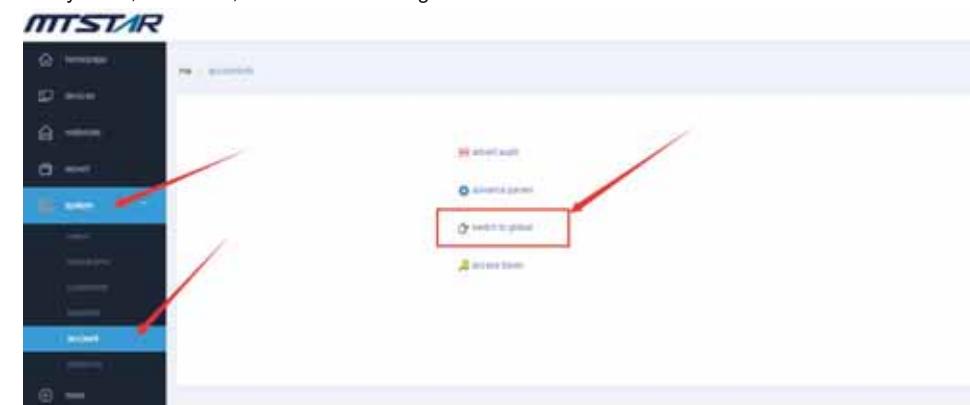
## Distribution history

Here you can see the distribution history and details of ads and marques. Click on "advance dist" or the ad management page to see your distribution history and distribution details. Click on the name of the ad to view the ad content. Click "receive" to view the details.



## Device management

Note: If your advertising machine is not in China, you need to switch management areas first. In "System", "account", click on "switch to global"



Click "OK".



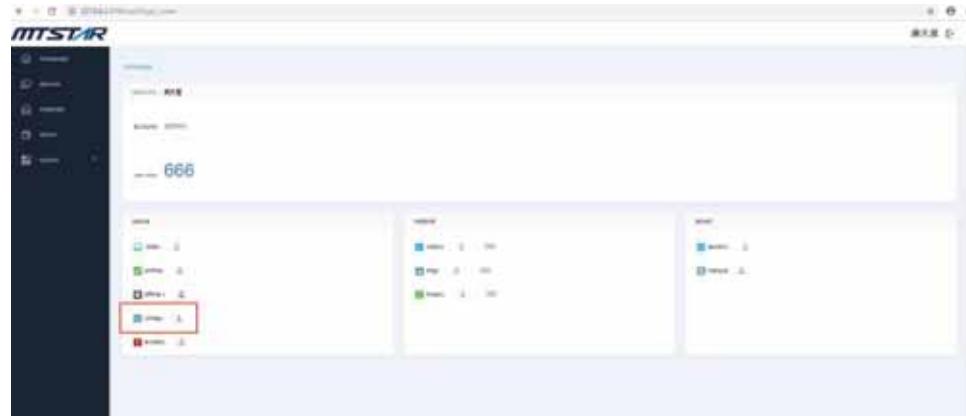
## switch devs area

Your devices area switch to global?

cancel ok

## Add devices

First, Device playback software configuration is required to point to the server. After the device points to the server, the background automatically identifies the device pointing to the server and adds the device pointing to the server for the first time to the list of "Not added". As follows: (The device is already pointing to the server)

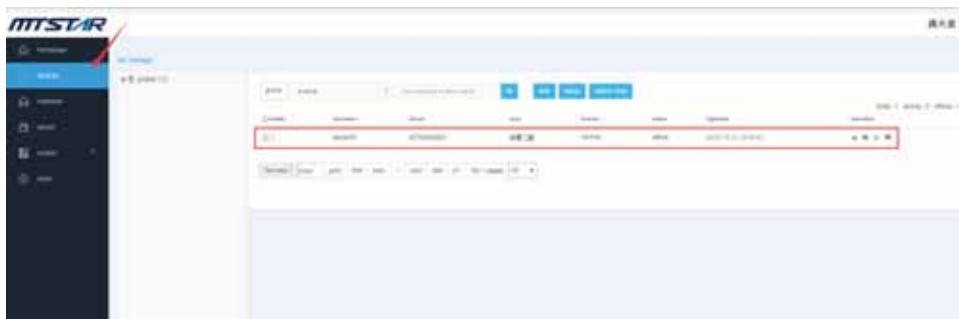


Click on the value of "unreg", Tick the device you want to add, Click the "reg dev" button.



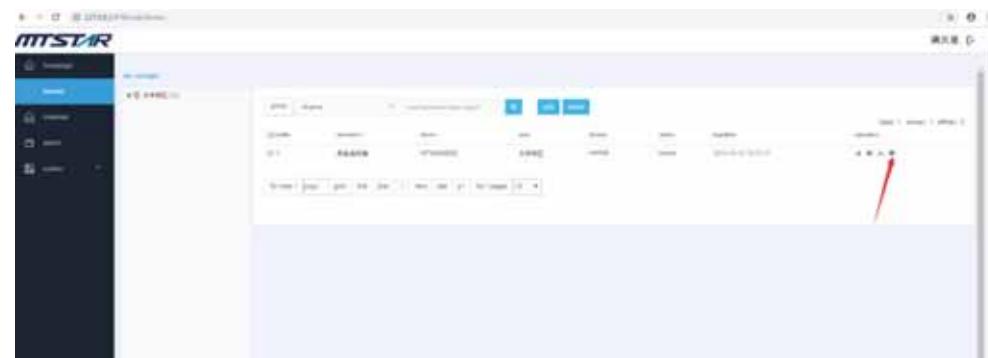
After the above operation is completed, click the left "device".

The added device will be in Device Management with device information.



## Delete device

Click on "Device Info".



Click remove "dev".



## Device settings

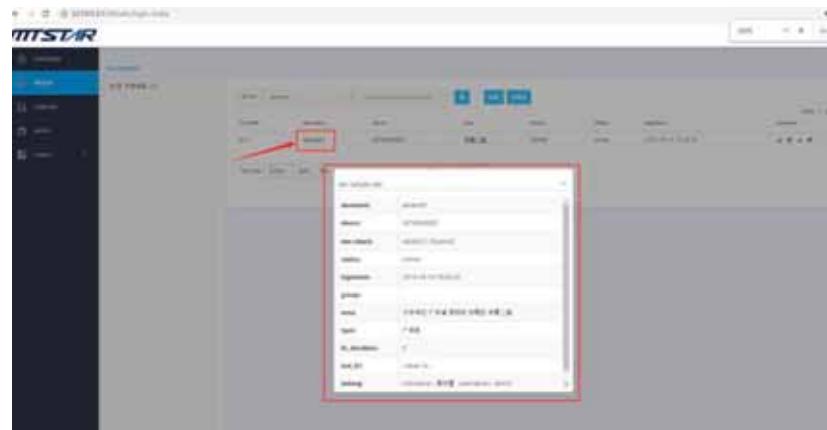
Device management page, Select the advert machine you want to set up. You can set up multiple advertising machines at once.



## Device info

View advertising machine simple information

Click the name of the ad you want to view.



## View ads that the ad player is playing

Click on the "view Dev playing" icon you want to view the ad player. Note that this function is only effective when the advert machine is online.



## View ad player screenshot

Click on the "snap screen" icon of the ad you want to view. Note that this function is only effective when the advert machine is online.



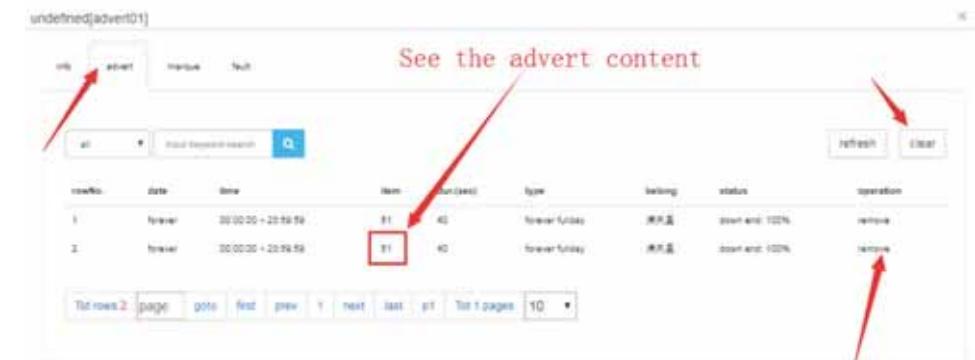
## View ad machine details

Device management page, Select the advert machine you want to set up, Click on the "device information" icon in the advert machine.



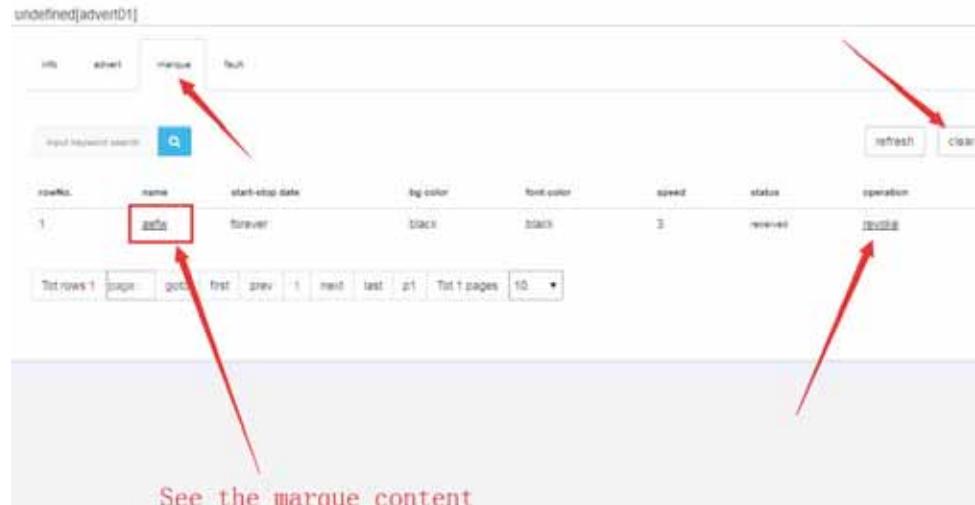
## Advert playlist

You can empty or delete ads you don't want to play.



## Marque playlist

You can empty or delete marque you don't want to play.



## Troubleshooting

Before contacting the service department of our company, please make the following simple check first. If the problem cannot be solved according to the following instructions, please note down the model of the equipment and the product serial number pasted on the power port, and contact the local agent or factory.

### There are no sounds or pictures

1. Check whether the power cord is connected to the socket and whether the socket is energized;
2. Check whether you press the power switch on the remote control panel;
3. check the device picture connection and contrast Settings.

### The picture is normal but there is no sound

1. Check whether the volume setting of the device is turned on;
2. Check whether the mute button of the remote control is pressed.

### No picture or image black and white

1. Adjust the color setting on the remote control panel;
- 2, check the color system;
- 3, check the sound system.

### Sound and pictures are disturbed

1. Try to find other electrical appliances that affect the equipment and keep them away from the equipment;
2. Try to connect the power plug of the device to a separate outlet.

### Blurred or distorted picture

Check that your antenna is oriented, positioned, and connected correctly

### Remote control function malfunctioning

1. Replace the battery of the remote control;
- 2, clean the infrared emission window of the remote control, whether there is a foreign body block;
- 3, check whether the battery contact point is rusty, clean up rust and debris.

## The appendix

In accordance with the relevant requirements of the Administrative Measures for Pollution Control of Electronic Information Products (Order No. 39 of the Ministry of Information Industry), and in accordance with the Measures and the provisions of the Electronic Industry Standard of the People's Republic of China -- Pollution Control Label for Electronic Information Products (SJ/T 11364-2006) specified by the relevant national standards and industrial practice, The names and contents of toxic and harmful substances or elements contained in this product are listed in the following table:

### List of names and content identification of toxic and harmful substances or elements

Part name	A poisonous or harmful substance or element					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent (Cr (VI))	PCBS	PBDE
LCD panel	O	O	O	O	O	O
Movement	X	X	X	X	X	X
Structure	O	O	O	X	O	O
Attachment	X	O	O	O	O	O

O: means that the content of the toxic and harmful substances in all materials of the component is below the limit requirements stipulated in SJ/T 11363-2006 standard;  
X: denotes that the content of the toxic and harmful substance in at least one material of the component exceeds the limit requirements stipulated in SJ/T 11363-2006 standard.

Note: The term of environmental protection is ten years. When the temperature is 5-35°C, the toxic and harmful substances or elements contained in the product will not leak out within ten years. The term of environmental protection does not include the life of the battery.

**Note: if the parameters are changed, we will not notice, the picture is for reference only, the product in kind shall prevail, the interpretation right belongs to our company**

## Product specification

### Suitable for 21.5 inch Backpack walking billboard(normal model) products

Andoird Parameter(OS:Andoird 7.1)	Port functions	
CPU:RK 3288 quad core Cortex-A17,Main frequency:1.8G	HDMI out	1
GPU:Mali-T764,support AFBC	Rj45	1
Memory:2G DDR3,4G optional;	USB3.0	1
Storage:EMMC 16G,32G/64G optional	USB 2.0	1
Multimedia: Support 2K 8bits H265/H264 video decoding 1080P multi-format video decoding (VC-1, MPEG-1/2/4, VP8) 1080P video decoding, support H.264, VP8 format	USB2.0_OTG	1
Display: HDMI 2.0 supports 2K@60HZ	TF card	1
Netcard:10/100M,Wifi:2.4GHZ	SIM card	1
	Type-C	1
	earphone	1

### Suitable for 21.5 inch Backpack walking billboard(cheaper model) products

Andoird Parameter(OS:Andoird 7.1)	Port functions	
CPU:Allwinner A40I quad core Cortex-A7,Main frequency:1.5G	HDMI out	1
GPU:Mali-400MP2	Rj45	1
Memory:1G DDR3;Storage:EMMC 16G,32G optional	USB2.0	1
Multimedia: Support 2K 8bits H265/H264 video decoding 1080P multi-format video decoding (VC-1, MPEG-1/2/4, VP8) 1080P video decoding, support H.264, VP8 format	USB2.0_OTG	1
Display: HDMI 1.4 supports 2K@60HZ	TF card	1
Netcard:10/100M,Wifi:2.4GHZ	SIM card	1
	earphone	1

#### Display parameter

Panel:21.5 inch(16:9)A grade HD LED module backlight  
Display area(mm):476.64 X 268.11  
Point distance:0.248mm  
Brightness:500cd/m<sup>2</sup>  
Contrast ratio:1000:1  
Color:16.7M

#### The work environment

Operating temperature: 5°C~35°C  
Storage temperature: -20°C~80 °C  
Working humidity: 5%~80% relative humidity, no condensation  
Storage humidity: 5%~80% relative humidity, no condensation

#### The power supply

Power input: AC 100-240V 50/60Hz  
Install os:Andoird 7.1 OS, and commonly used apps  
Pack material:Fireproof and waterproof Oxford cloth material

#### Note: Specifications are subject to change without prior notice

Remarks:

1. This product can be used indoors and outdoors, but this product is not waterproof. It is recommended not to use it outdoors when it rains to avoid damage to the equipment.
2. The brightness of this product is 500cd/m<sup>2</sup>, and the display is normal when it is used outdoors under normal light during the day;  
If it is often used in a strong light environment with the sun, it is recommended to add money to replace the high-brightness LCD screen and the brightness above 1000cd/m<sup>2</sup>. AG anti-glare tempered glass.

## **Warning Statement**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.