

USER'S MANUAL

Cloud-based Advertising Broadcasting System

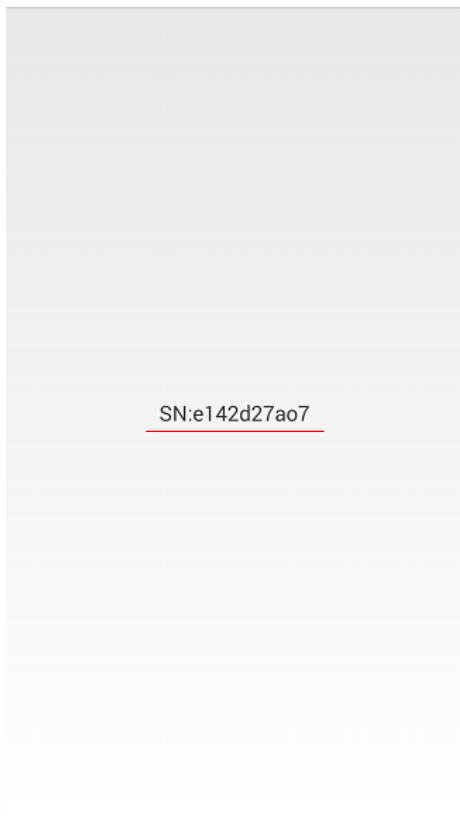
Index

I. Internet Connection	3
II. Machine SN Number	5
III. Cloud Broadcasting System	6
IV. Device Locate	10

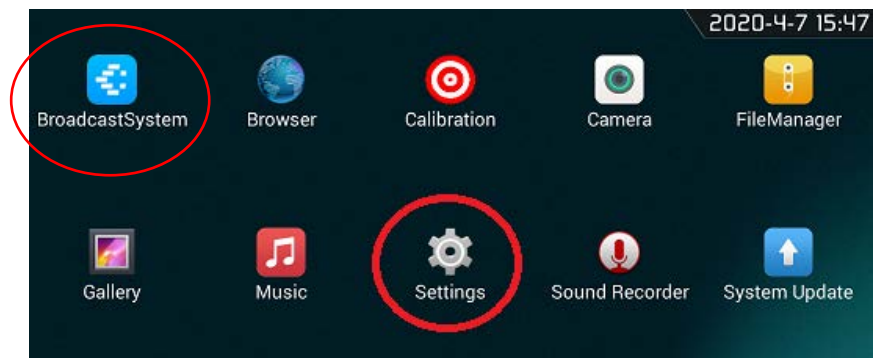
I. Internet Connection

The Cloud-based Advertising Broadcasting (AD SYSTEM) needs internet connection via WIFI or WLAN. To connect the AD SYSTEM to WIFI, just follow below steps.

- a. When the AD SYSTEM starts, the “BroadcastSystem” APP will start on boot as well. The whole display will only display the machine SN number (Picture 1.1). In this situation, the terminal is in **[Waiting]** (Picture 1.1) for multimedia broadcasting from cloud system. There is no Android navigation icons available. You will need to use a mouse connected to the Android USB port. Then **[Right-click]** the mouse to exit **[Waiting]** and enter in the main Android screen (Picture 1.2).

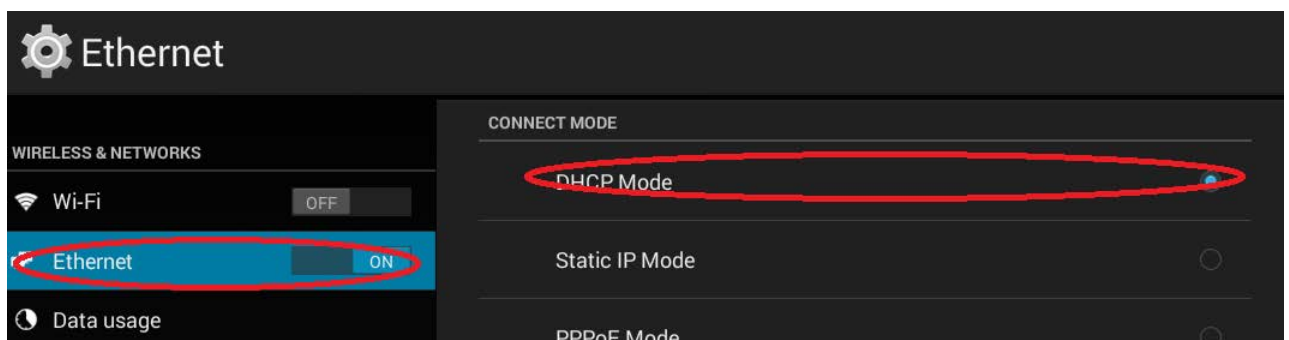


Picture 1.1



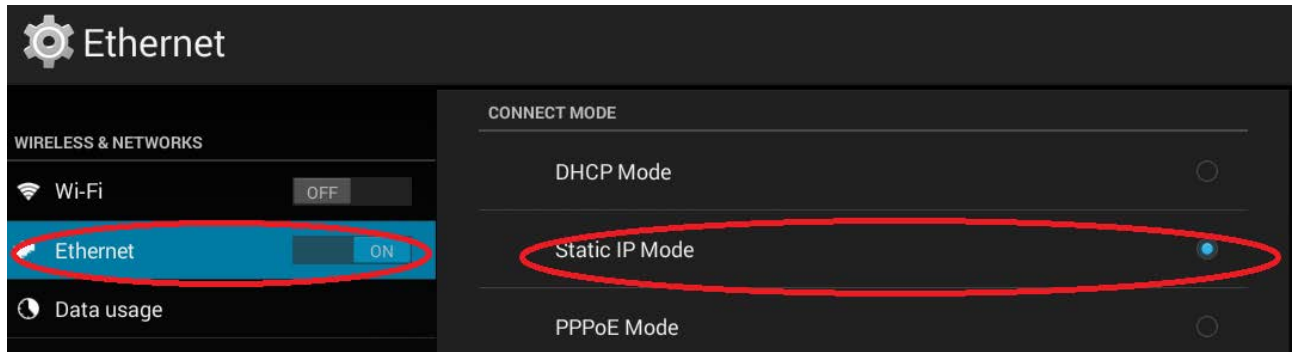
Picture 1.2

- b. In main Android screen (Picture 1.2), **[Left-click]** on “Settings” icon to start configuration. Before connection to internet, to make sure if the network system supports DHCP. If yes, start DHCP function in “Ethernet” → “DHCP Mode” (Picture 1.3).



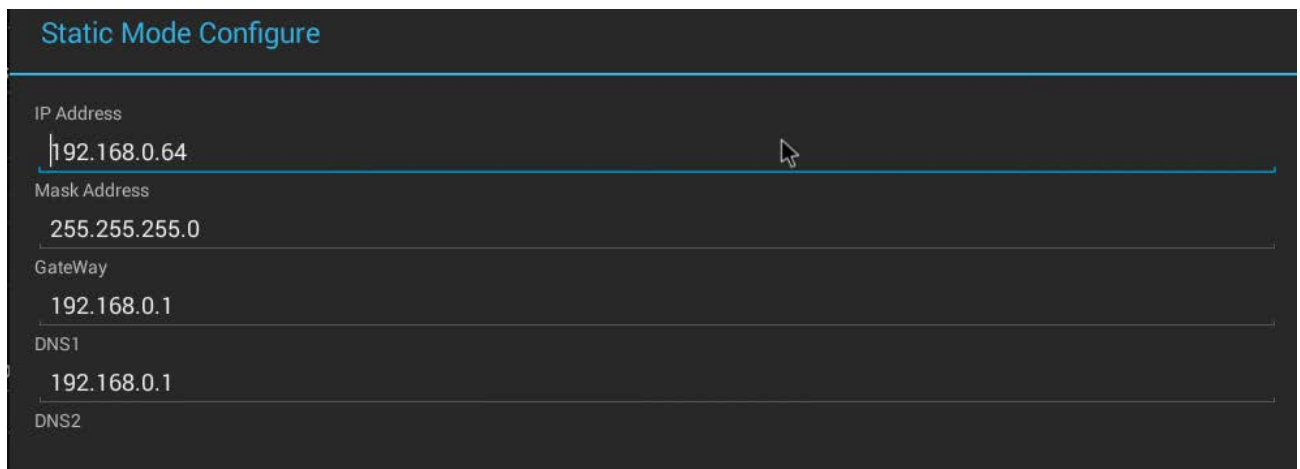
Picture 1.3

If no, configure the static IP address in “Ethernet” → “Static IP Mode” (Picture 1.4).



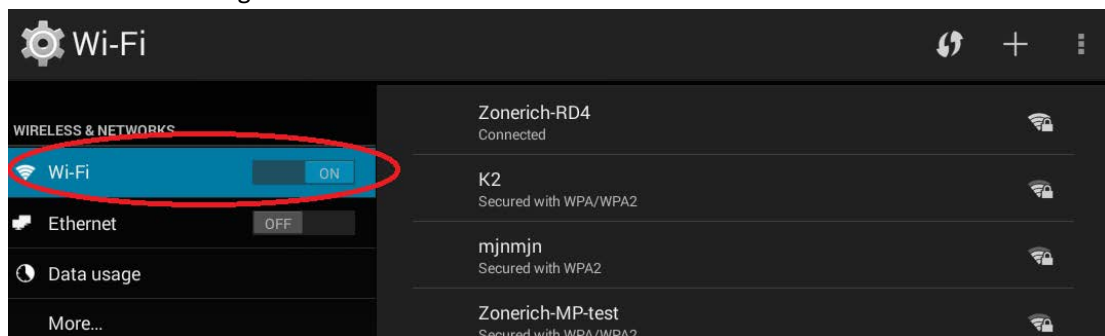
Picture 1.4

Then put the correct distributed static IP addresses in “Static Mode Configure” (Picture 1.5).



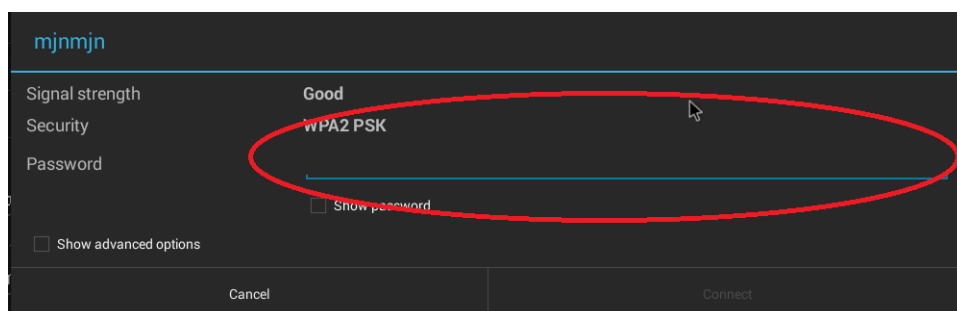
Picture 1.5

- c. If the AD SYSTEM is connected to internet via WIFI, set “Wi-Fi” to “ON” (Picture 1.6). Then the available networks (SSID) will be listed at the right side.



Picture 1.6

Select the preferred SSID to start connection. If it needs password, just put in password to authorize the connection (Picture 1.7).

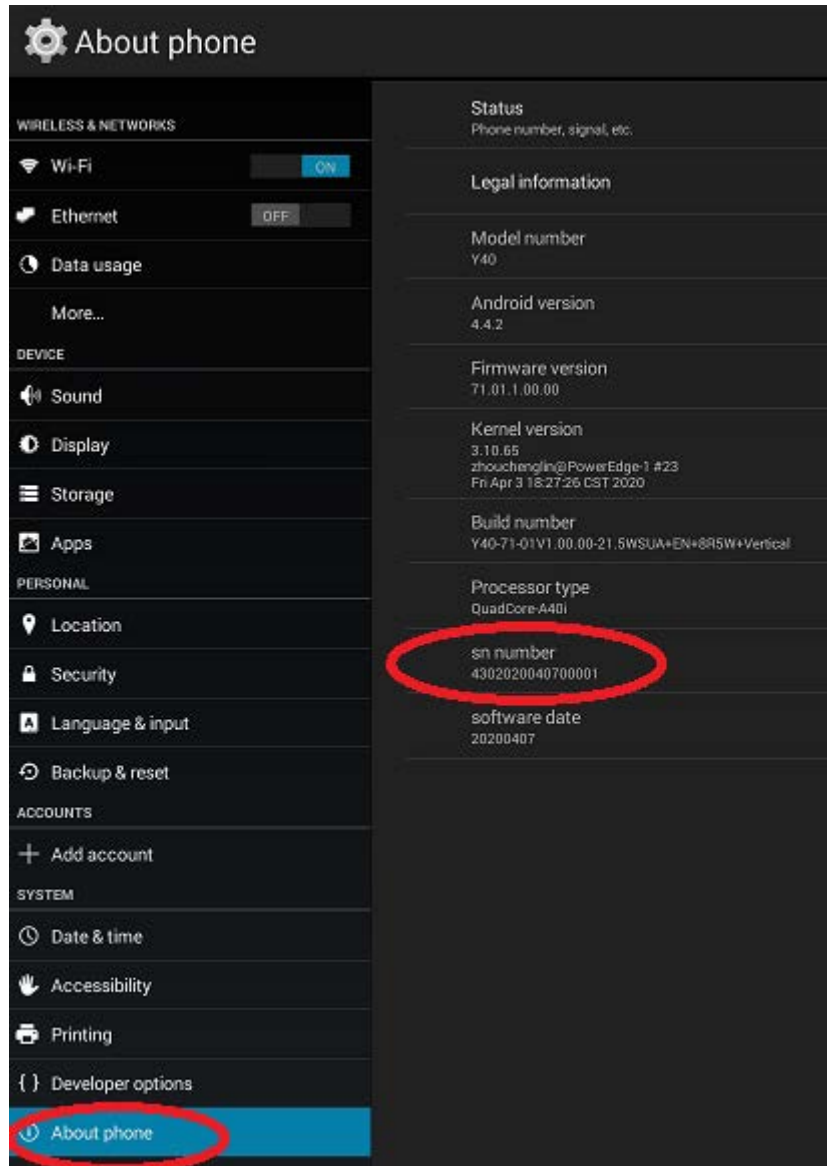


Picture 1.7

II. Machine SN Number

Each AD SYSTEM terminal has a unique SN number. With the SN number, the cloud system could find its location and broadcast the corresponding multimedia files to its local storage, so that the cloud-based broadcasting system works. There are two ways to get the Machine SN Number.

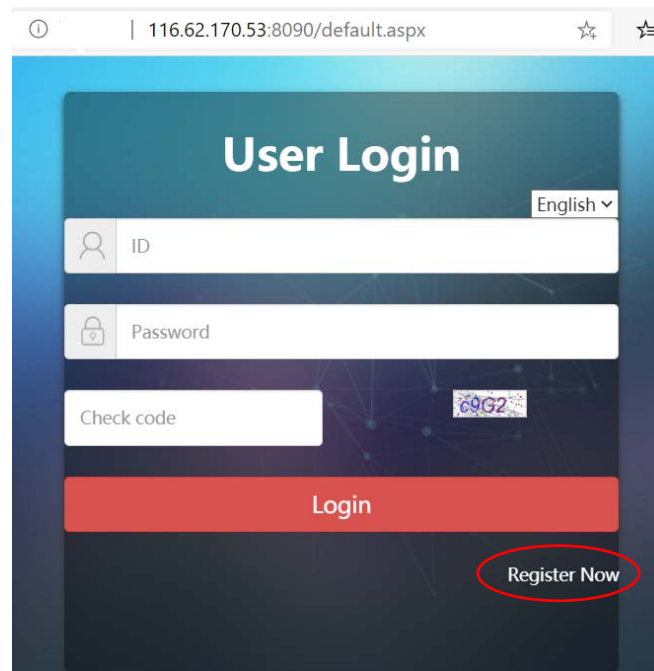
- When the AD SYSTEM starts, the “BroadcastSystem” APP will start on boot as well. The whole display will only display the machine SN number (Picture 1.1). Users need to record this SN number personally for future usage.
- If users occasionally forgot the SN number, it is still available in “Settings” → “About phone” → “sn number” (Picture 2.1).



Picture 2.1

III. Cloud Broadcasting System

The Cloud Broadcasting System is available at <http://116.62.170.53:8090/>. Visit the IP address in computer web browser, you will get below “User Login” page (Picture 3.1).

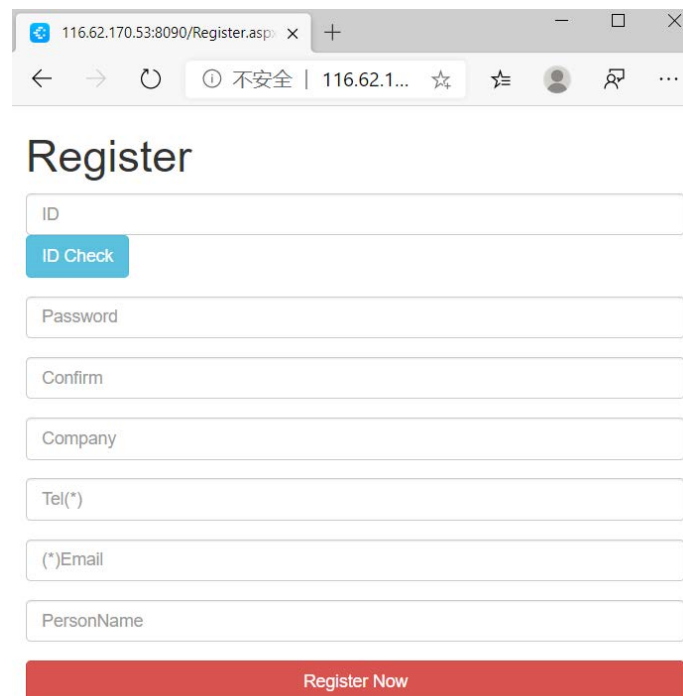


Picture 3.1

a. User Login & Register

To login the system, just put in ID, password and random generated check code, then click “Login” to enter in the system.

New users need to register at first. Click on “Register Now” at the page right bottom corner (Picture 3.1) to switch to “Register” page (Picture 3.2).

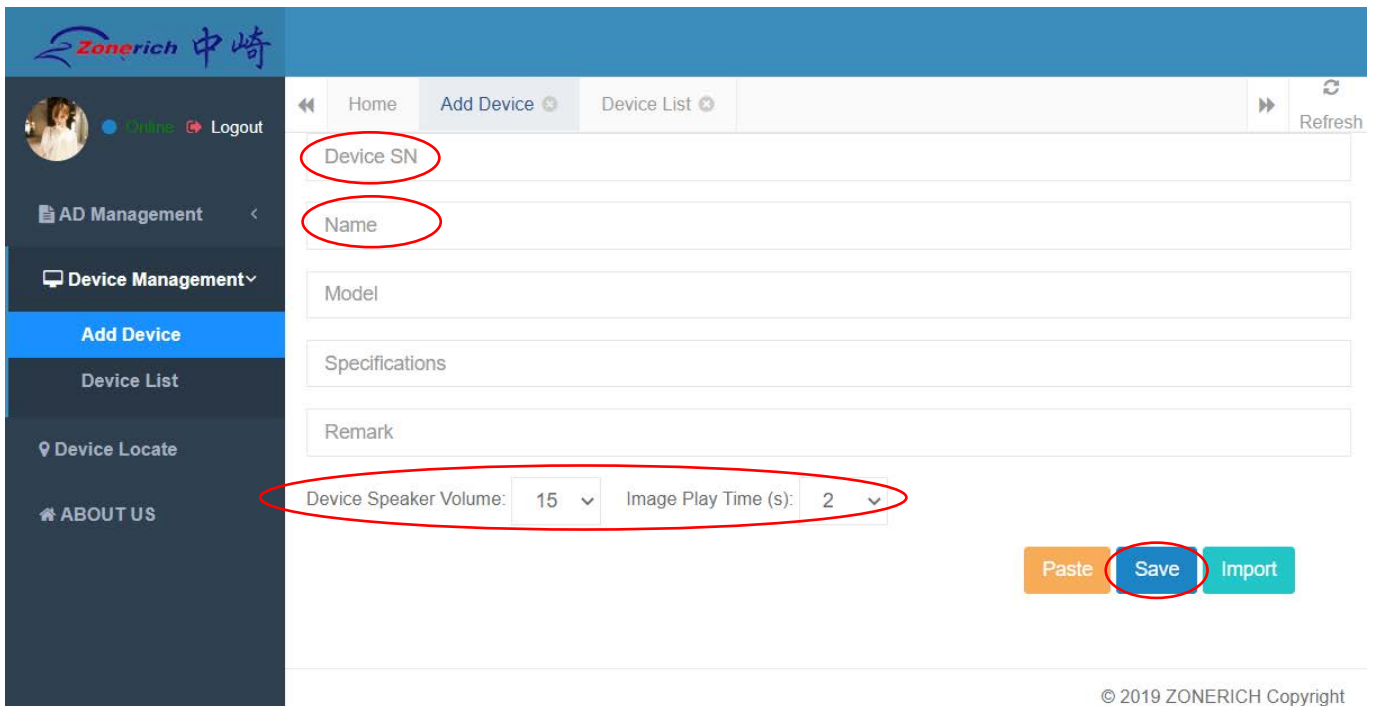


Picture 3.2

Users could use “ID Check” to check if the preferred ID was occupied or not. After entered all information, click “Register Now” button to finish the registration. Once registered successfully, users could login with the ID and password (Picture 3.1).

b. Device Management

To broadcast advertisements, advertising devices need to be added to the broadcasting list. To add device, go to “Device Management” → “Add Device”. Put in the necessary information, then click “Save” to add the device (Picture 3.2).

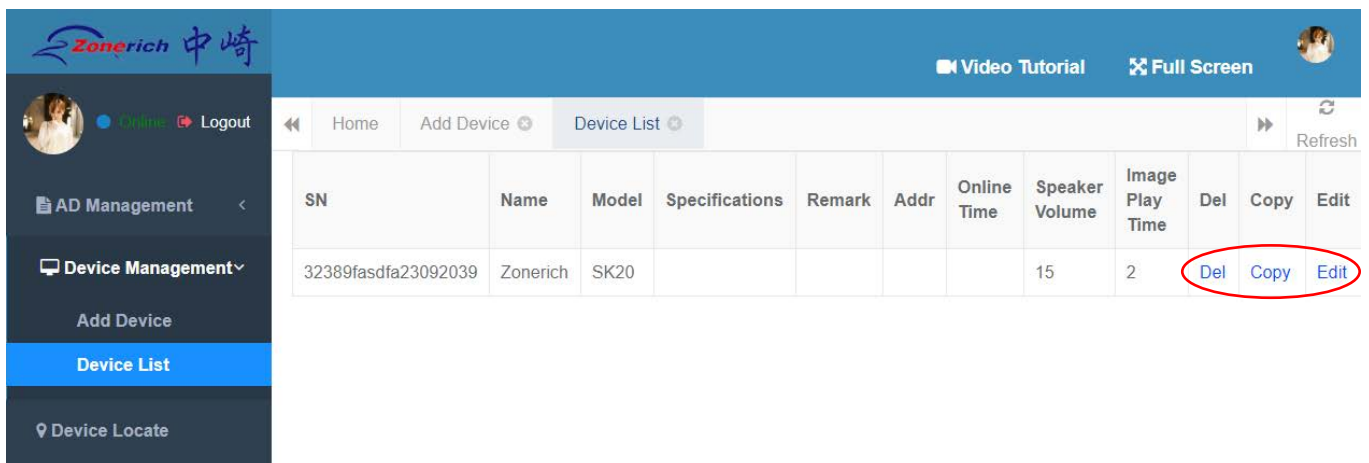


Picture 3.2

© 2019 ZONERICH Copyright

c. Operation to Devices

After the device added, users can do operations to devices, such as to delete a device, to edit configuration to device etc. Go to “Device Management” → “Device List” to enter in the device list. At the right side of each device column, there are three hyper-linked operation words. Click any of them to Del / Copy / Edit devices (Picture 3.3).



Picture 3.3

Once clicked on “Edit”, the “DEVICE EDIT” page will pop out. Except the Machine SN Number, users can modify all other information (Picture 3.4).

DEVICEEDIT

32389fasdfa23092039

Zonerich

SK20

Specifications

Remark

Device Speaker Volume: 15 Image Play Time (s): 2

Close save

Picture 3.4

d. Advertisement (AD) Management – to Add AD Files

Advertisement multimedia files are organized in groups. To add AD files, go to “AD Management” → “Add AD File” page (Picture 3.5). Users can drag multimedia files directly to “Drag File To Here ...” area (Picture 3.5), then click “Upload” button at the right bottom corner to upload all media files (Picture 3.6). Then put in a group name or select an existing File Group to allocate the multimedia files, and click “Save” to finish the AD file uploading (Picture 3.6).

Zonerich 中崎

Video Tutorial Full Screen

Home Add AD File Refresh

File Group List

ID	Group Name
----	------------

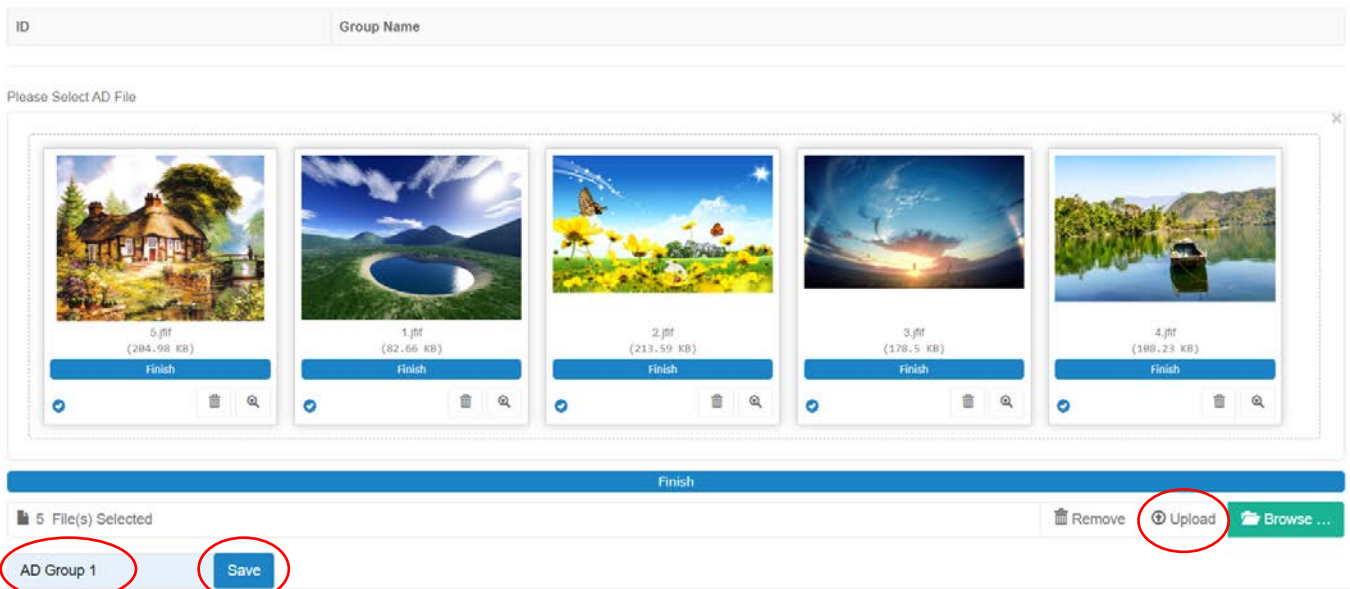
Please Select AD File

Drag File To Here ...
Support Multifile Upload

Select File(s)... Browse ...

Please Input Group Name fc Save

Picture 3.5

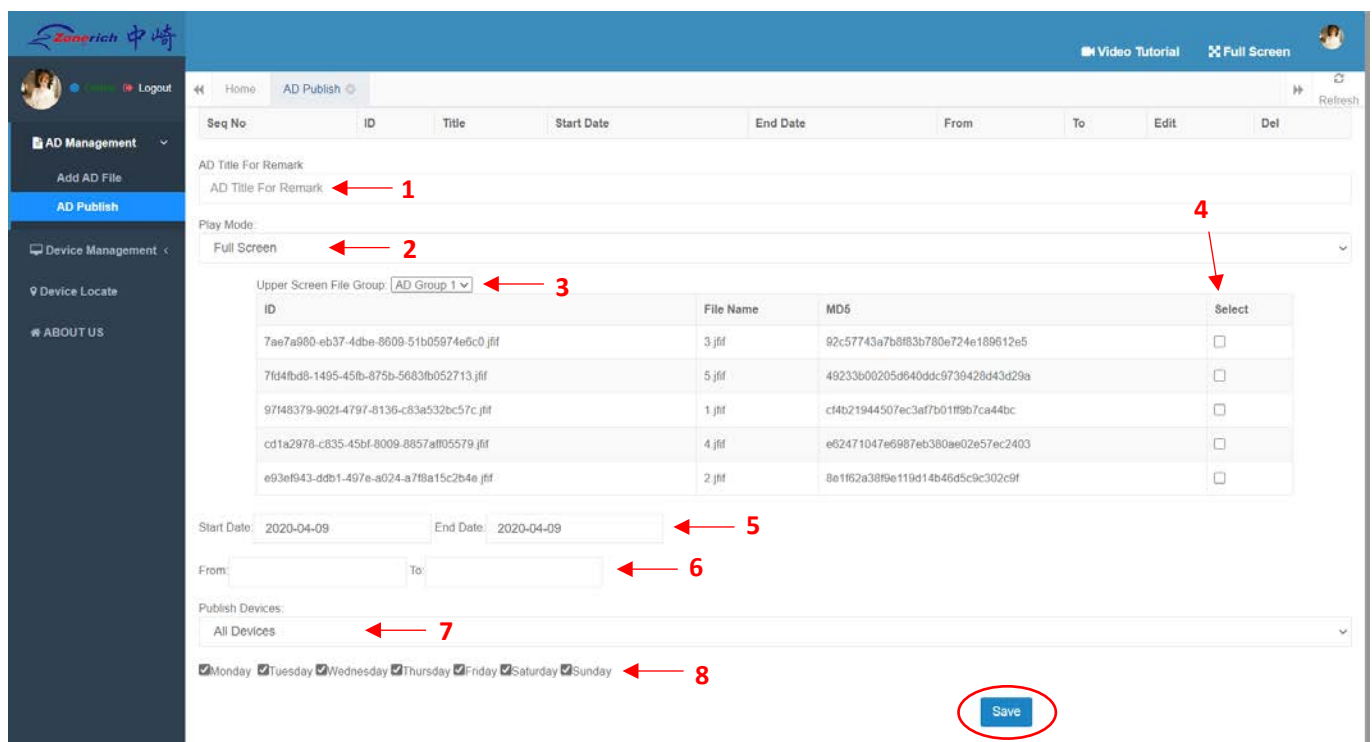


Picture 3.6

e. Advertisement (AD) Management – to Publish AD

To publish advertisements (broadcasting) to terminal machines, go to “AD Management” → “AD Publish” page. Steps to publish advertisement are as below (Picture 3.7):

1. Enter in the “AD Title” for remarks;
2. Select “Play Mode”: Full Screen / Split Screen;
3. Select advertisement media “File Group”;
4. In the selected “File Group”, select media files to be broadcasted to terminal machines;
5. Select the advertising date range;
6. Select the advertising playing time range (during each day);
7. Select the devices to be pushed with advertisements: All Devices / Fixed Devices / SN Match Devices;
8. Select the days for advertising during the specified date range
9. Click on “Save” to finish the “AD Publish”! The advertisement will be broadcasted to devices accordingly!



Picture 3.7



In step 2 to select “Play Mode”, if “Split Screen” mode selected, the advertising screen will be split to two sub screens, upper and down. For example, if the resolution the full screen is 1080 (width) x 1920 (height) px, when you set the “Upper Screen Height” to 1000px, that means the “Down Screen Height” is set to 920px at the same time. If you play pure image files to the terminal, you will need to use images of 1080 x 1000px for upper screen, and use images of 1080 x 920px for down screen to avoid image distortion problem (Picture 3.8).

Play Mode: Split Screen

Upper Screen Height: 1000

Upper Screen File Group: AD Group 1

ID	File Name	MD5	Select
7ae7a980-eb37-4dbe-8609-51b05974e6c0.jfif	3.jfif	92c57743a7b8f83b780e724e189612e5	<input type="checkbox"/>
7fd4fbd8-1495-45fb-875b-5683fb052713.jfif	5.jfif	49233b00205d640ddc9739428d43d29a	<input type="checkbox"/>
97f48379-902f-4797-8136-c83a532bc57c.jfif	1.jfif	cf4b21944507ec3af7b01f9b7ca44bc	<input type="checkbox"/>
cd1a2978-c835-45bf-8009-8857aff05579.jfif	4.jfif	e62471047e6987eb380ae02e57ec2403	<input type="checkbox"/>
e93ef943-ddb1-497e-a024-a7f8a15c2b4e.jfif	2.jfif	8e1f62a38f9e119d14b46d5c9c302c9f	<input type="checkbox"/>

Down Screen File Group: AD Group 1

ID	File Name	MD5	Select
7ae7a980-eb37-4dbe-8609-51b05974e6c0.jfif	3.jfif	92c57743a7b8f83b780e724e189612e5	<input type="checkbox"/>
7fd4fbd8-1495-45fb-875b-5683fb052713.jfif	5.jfif	49233b00205d640ddc9739428d43d29a	<input type="checkbox"/>
97f48379-902f-4797-8136-c83a532bc57c.jfif	1.jfif	cf4b21944507ec3af7b01f9b7ca44bc	<input type="checkbox"/>
cd1a2978-c835-45bf-8009-8857aff05579.jfif	4.jfif	e62471047e6987eb380ae02e57ec2403	<input type="checkbox"/>
e93ef943-ddb1-497e-a024-a7f8a15c2b4e.jfif	2.jfif	8e1f62a38f9e119d14b46d5c9c302c9f	<input type="checkbox"/>

Picture 3.8

In step 7 to select “Publish Devices”, if you select “Fixed Devices”, you can tick the devices at the right side. And if you select “SN Match Devices”, you can use SN match rules: SN Begin With / SN Contain / SN End With to specify your preferred devices (Picture 3.9 & 3.10).

Publish Devices: Fixed Devices

Seq No	SN	Name	Specifications	Remark	Select
63	32389fasdfa23092039	Zonerich			<input type="checkbox"/>

Picture 3.9

Publish Devices: SN Match Devices

SN Begin With

SN Match Pattern

SN Begin With

SN Contain

SN End With

Wednesday Thursday Friday Saturday Sunday

Save

Picture 3.10

IV. Device Locate

The cloud system provide “Device Locate” page to show all your devices’ locations.