Goodview®

# User Manual

**Mobile Signage**

**PF43HL1**

**Safety Instructions:**

**In order to ensure the reliable use of the equipment and the safety of personnel, please comply with the following during installation, use and maintenance:**

**System grounding: The system must have perfect grounding. Otherwise, not only signal interference, instability or mechanical damage, but also personal accidents may be caused by leakage.**

**>It is prohibited to change or add any parts to the mechanical and electrical design of this product. Otherwise, the manufacturer is not responsible for the harmful results.**

**>Do not use two-core plug to ensure that the input power supply of the equipment is AC100-240V 50/60Hz.**

**>There are 220V high voltage components in the machine. Do not open the housing without authorization to avoid the danger of electric shock. Do not place the system equipment in an overcooled or overheated place.**

**>The power supply of the equipment will heat up while working, so it is necessary to keep the working environment well ventilated so as not to damage the machine because of the high temperature.**

**>When rainy and humid weather or not in use for a long time, the power switch of the equipment should be turned off.**

**>Be sure to unplug the AC power cord of the device from the AC power outlet before removing or reinstalling any parts of the device. Disconnect or reconnect any electricalplugs or other connections to the equipment.**

**>Non-professionals without permission, please do not try to open the equipment chassis, do not repair privately, so as to avoid accidents or aggravate the damage to the equipment.**

**>Do not sprinkle any chemicals or liquids on or near the equipment.**

**Attention: Please keep it away from CHILDREN**

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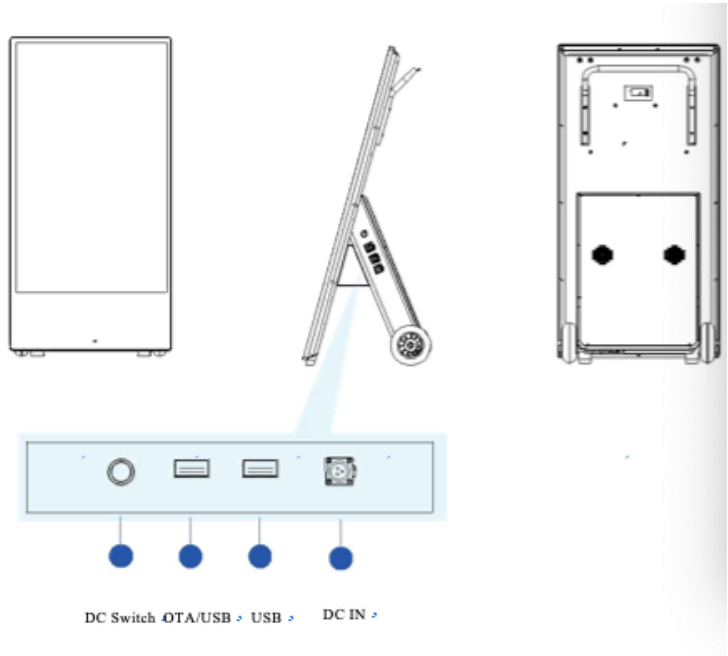
# I. Brief Introduction

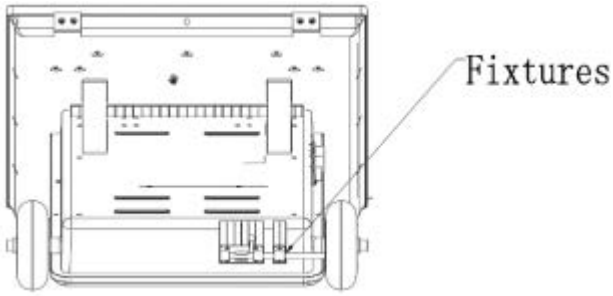
## 1.1. Brief Introduction

The electronic mobile signage has built-in operating system, which means that it can play high-definition video images, pictures and other files. The user can choose two modes namely the standalone mode and wifi mode. It adopts the good-view of the GTV information publishing system, so it can realize centralized management in the background and remotely broadcast promotional programs. The electronic mobile signage has an extremely long service life and a wide viewing angle is presented to ensure that the image is not deformed and the color is not distorted. At the same time, it has a movable roller and is the first choice for commercial use. It can be widely used in subway stations, schools, airports, hotel halls, exchanges, cinemas, enterprises, exhibition halls, shopping malls and other places.

## 1.2. Product Structure

Schematic drawing of PF43HL1 for reference.



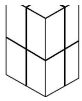




1. **DC Switch**
2. **OTA/USB**
3. **USB**
4. **DC IN**

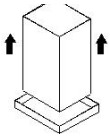
# II. Installation

## 2.1. Machine unboxing

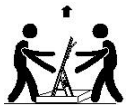
Cut packaging tape with scissors



Remove top cover and upper baffle



Take out the accessories and lift out the machine

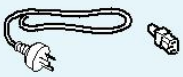


Drag gently after taking out

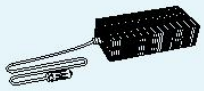
Mobile Signage

AAA battery x 2

AC power cord x 3



Adapter x 1



Remote control x 1

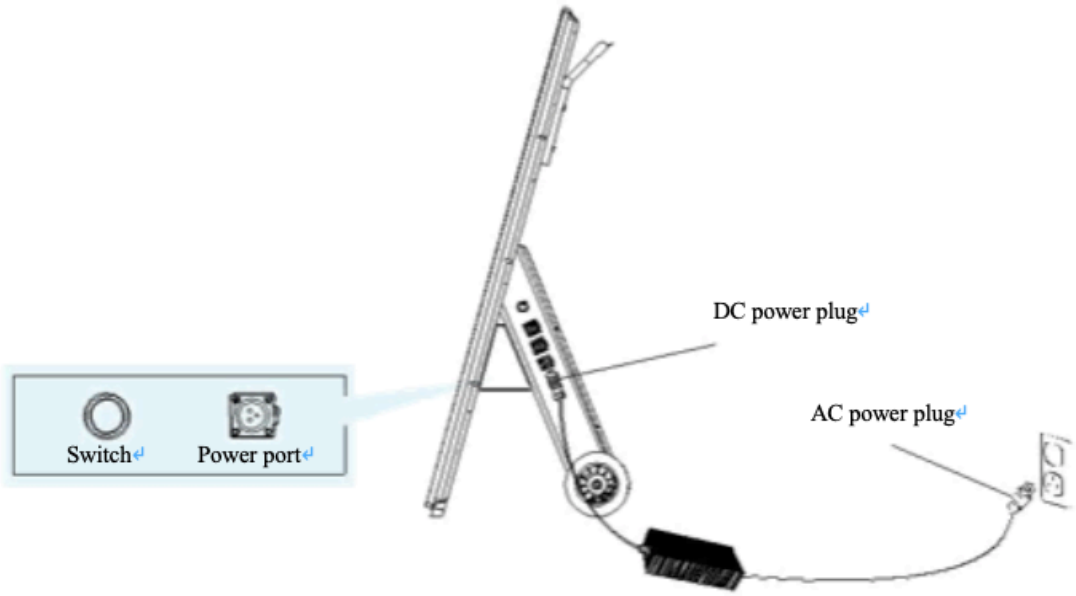
## 2.2 Storage notice

Please avoid storing the product in the kitchen, bathroom or any other high humidity place, avoid direct sunlight or pile anything else on machine. You can keep the packing materials for second transportation.

## III. Boot settings

### 3.1. Power on

Please connect AC current first and then plug into the DC charging interface. After power on, turn on the switch button to power the machine. (the above is the schematic diagram of power interface of PF43HL1)




### 3.2. Remote Control

| Buttons | Description |
|---|---|
| POWER | Turn on/off the player |
| MENU | Call up the display drive menu |
| SETUP | Call up the OSD menu |
| SOURCE | Call up the signal source menu |
| | Play or confirm |
| | Move up |
| | Move down |
| | Move left |
| | Move right |
| | Skip to previous |
| | Skip to next |
| | Stop and turn to the home page |
| | Mute |
| | Volume up |
| | Volume down |
| HDMI | Switch to HDMI input |
| VGA | Switch to HDMI input |
| YPbPr | Switch to YPbPr input |

Note: Only on the home page can you call out the OSD menu by pressing SETUP. If you press the STOP button to stop the playing program, the playback will not resume when you start again and the scheduled program will be played instead.

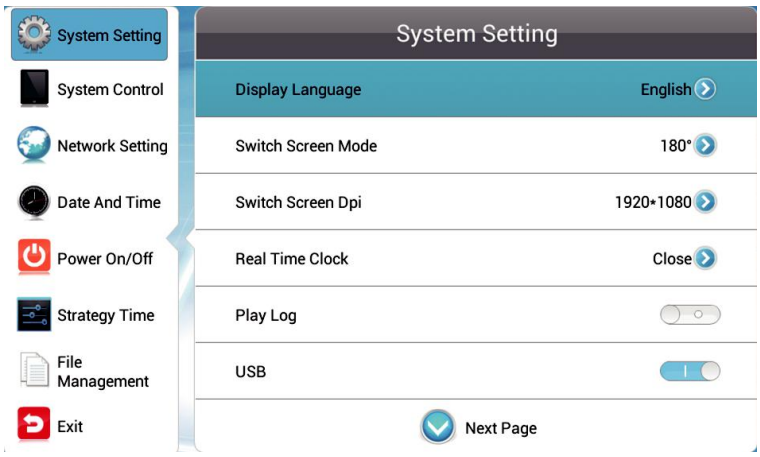
## IV. OSD Menu

Use the remote control to open the OSD menu to set system parameters.

Note: only in the system main interface by pressing the SETUP key to pull out the OSD main menu.

1.Press STOP on the remote to stop the current playback and present the home page as shown below.

2.Press SETUP on the remote to call up the OSD menu as shown below.

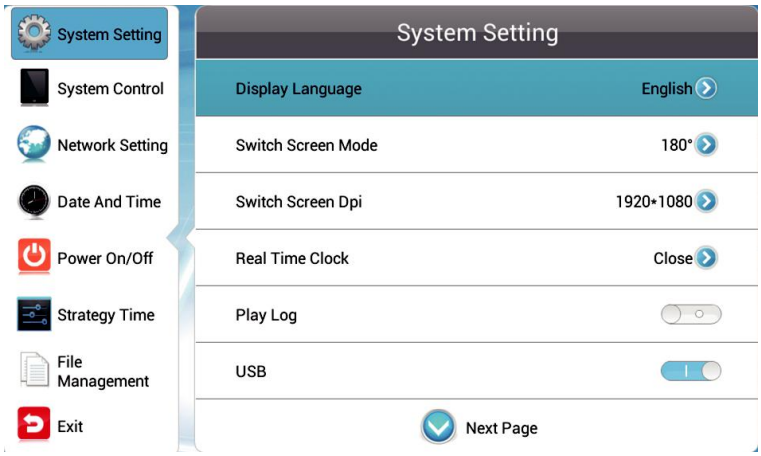



NOTE: Only on the home page can you call up the OSD menu by pressing SETUP

3.Press ◄▼▲► on the remote to navigate to a menu, and press ▶/II to open it

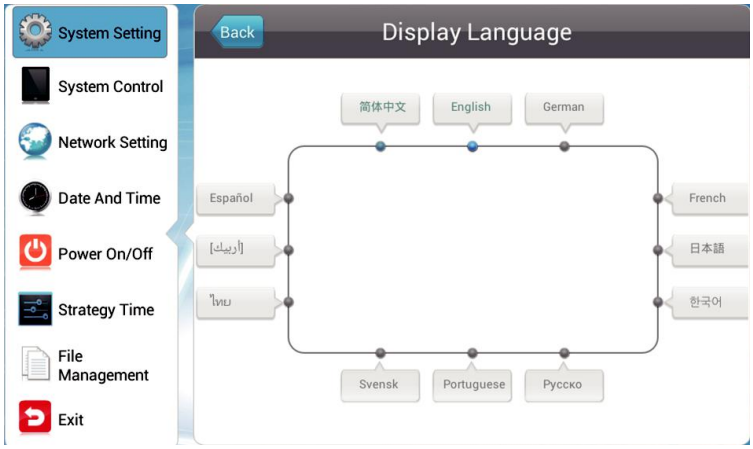
### 4.1 System Settings

Navigate to System Settings on the main menu and press ▶/II on the remote to open it.



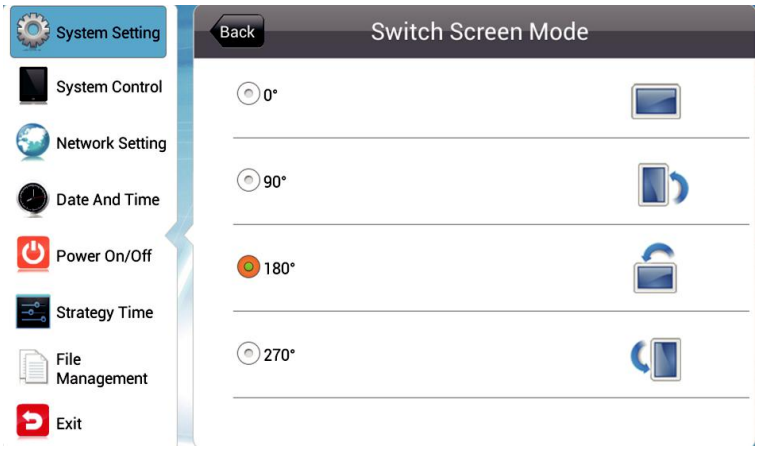
### 4.1.1 Display Language

Move the cursor to "picture display language", press confirm key to set the display language of the terminal screen, there are many options such as simplified Chinese and English. Press the left and right arrow of the remote control to adjust the language option, press the arrow to move the cursor to return, and return to the system settings menu.

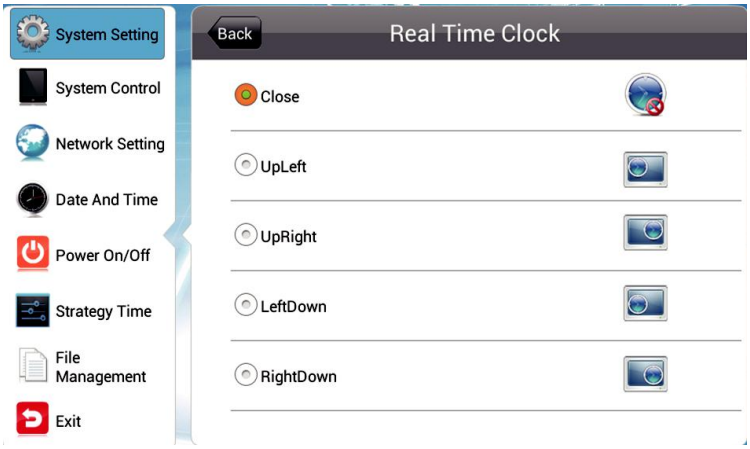



### 4.1.2 Switch Screen Mode

In the system setup menu, move the cursor to "screen mode switch", press the confirmation key to adjust the display direction of the screen, and it must be the same as the actual display mode.




### 4.1.3 Real Time Clock



Up Left/Right - displays the clock in the top left / right corner on the screen.

Bottom Left/Right - displays the clock in the bottom left / right corner on the screen.

Off - turns off this feature and do not display clock on the screen.

### 4.1.4 Restore to Factory Settings

Press Restore to Factory Settings and you'll be prompted with a message. Choose Yes to have all parameters in System Settings to be restored to their factory settings.

### 4.1.5 Play Log

Press ▶/II to turn on this feature to keep a log of playback and report it to the management platform, or playback will not be logged.

### 4.1.6 USB

This menu allows you to enable or disable the USB port. Press ▶/II to disable or enable the USB port for external USB device connection.

### 4.1.7 Scroll Text

Roll text Setting allows you to turn on or off the feature of scroll text.
Off - scroll text, no matter included or not in the playlist, will not appear on the screen.
On - scroll text, if included in the playlist, will be displayed on the screen.

## 4.2 System control

If you enable this feature, the pre-loaded Signway digital signage player software will start automatically after the player is turned on. Otherwise, Android system will be loaded instead.

Navigate to System Control on the main menu and press the ▶/II on remote to open it. Press ▲ on the remote to navigate to a submenu, and press ▶/II to open it.

### 4.2.1 Work Mode

The player can work in single (stand-alone), LAN, WIFI.

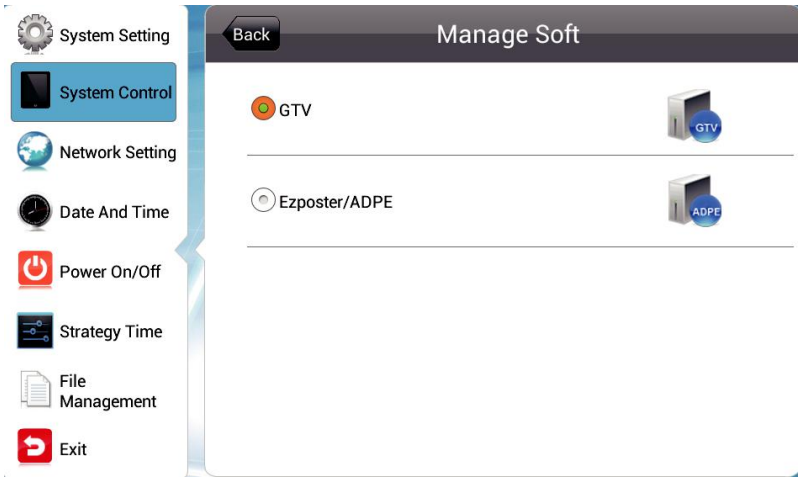
NOTE: The OSD menu differs as the work mode changes.

SINGLE – that is stand-alone. The player works independently of any sever or player, and the network related menus will be unavailable.

LAN - the player works in a wired LAN and the network related menus are available except that for WIFI networks.

WIFI - the player works in wireless LAN and all the network related menus are available.

### 4.2.2 Manage Soft




You are allowed to choose a content management software running on the server platform when the player works in LAN/WIFI mode. This menu is unavailable in single (stand-alone) mode.

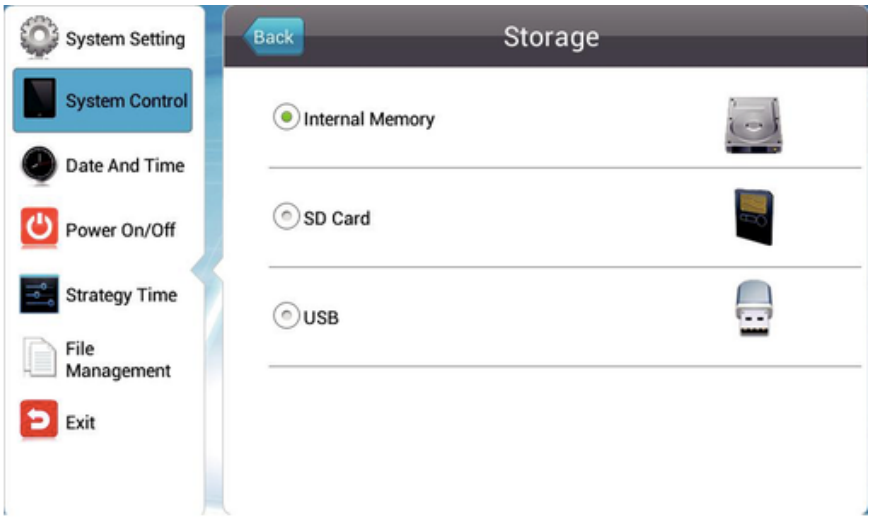
GTV - use Signway GTV as the content management software to create and publish playlists as well as manage player networks.

Ezposter/ADPE - use Signway EzPoster or ADPE as the content management software to create and publish playlists as well as manage individual players.

WIFI mode: The terminal downloads the program from the server and stores it in the built-in memory.

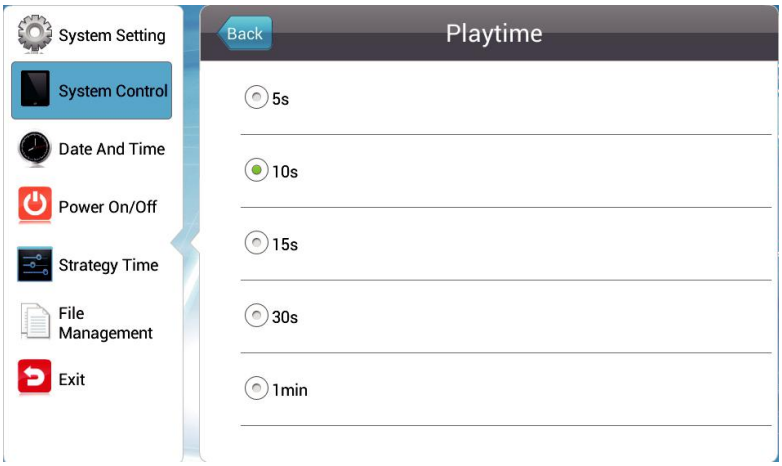
Built-in memory: Programs downloaded from the server are stored in the built-in memory and used for playback.

Stand-alone mode: The terminal plays programs stored in the built-in memory or USB flash drive.




### 4.2.3 Play time

When the player works in Open play mode, you can setup the playback duration for each image to be played, which will not apply to other play modes.

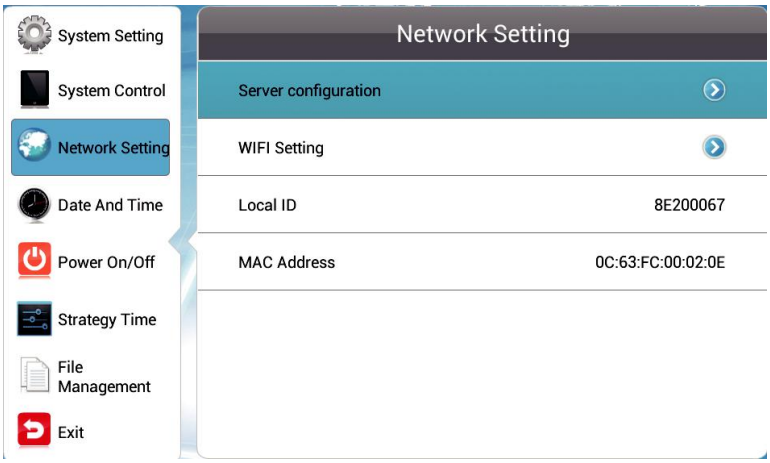



### 4.2.4. Native ID setting

The local ID is the terminal number. Under the network condition only for viewing, not editing. When the terminal works in stand-alone mode, the local ID can be set.

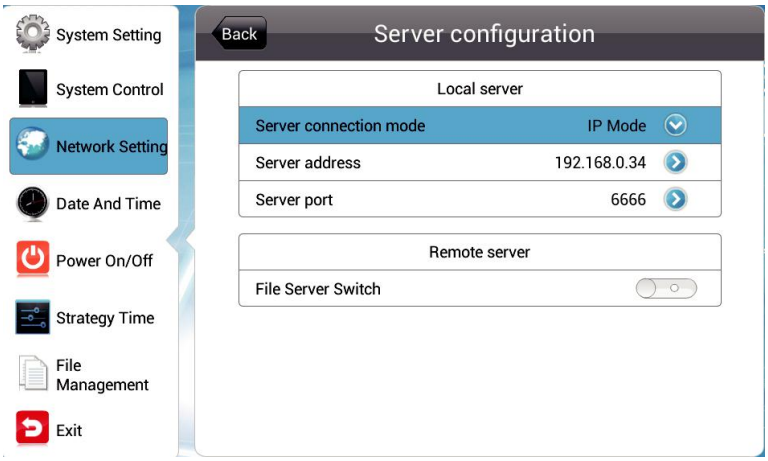
## 4.3 Network Setting

The local ID is the terminal number. Under the network condition only for viewing, not editing. When the terminal works in stand-alone mode, the local ID can be set.




### 4.3.1 Server Configuration

The connection mode between terminal system and server platform can be selected here, and relevant parameters can be set Server platform management software is not the same, the "server Settings" interface has different Settings Server platform management software can be selected from [system management > management software].



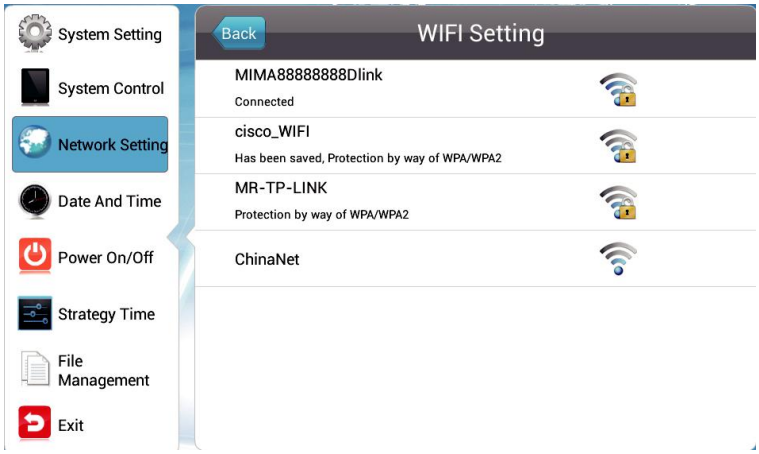

GTV: when the management software is GTV, the "server setup" interface is as shown in the figure above Local server connection means the method by which the terminal finds and connects to the server In IP mode, enter the server address and port number In domain name mode, you need to enter the server domain name and port number.

The remote server selects whether to use the remote file server and sets the file server connection mode and relevant address information.

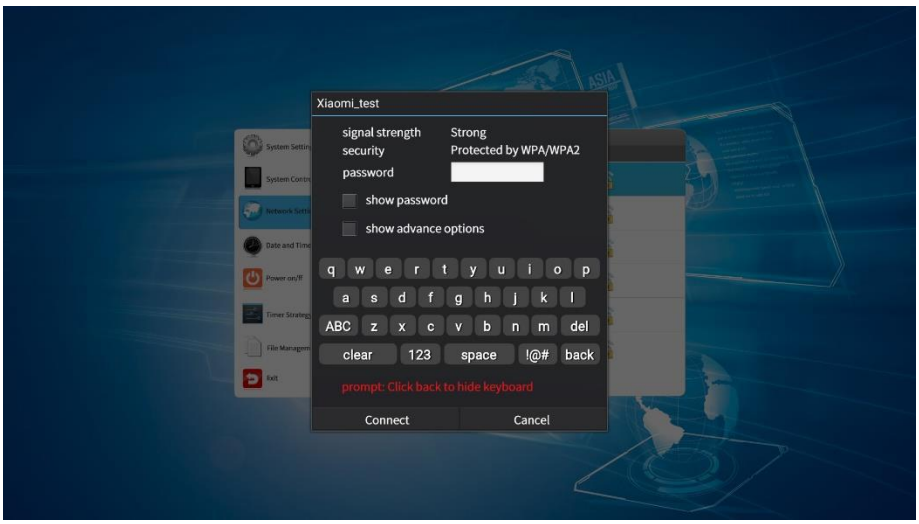
EzPoster/ADPE: when the management software is EzPoster or ADPE, the terminal ID number needs to be set.

### 4.3.2 WiFi Setting

When the terminal works in WIFI mode, the wireless network can be set this menu cannot be entered in other modes.




Move the cursor to the wireless network to which you want to connect. Enter the corresponding password according to the prompt, press the back key first to hide the keyboard, and select [connect] to access the terminal to the wireless network.

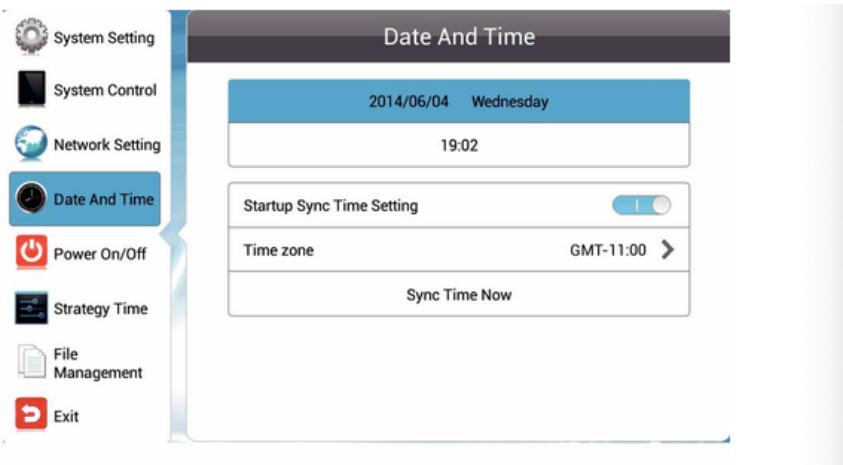



### 4.3.3 MAC Address

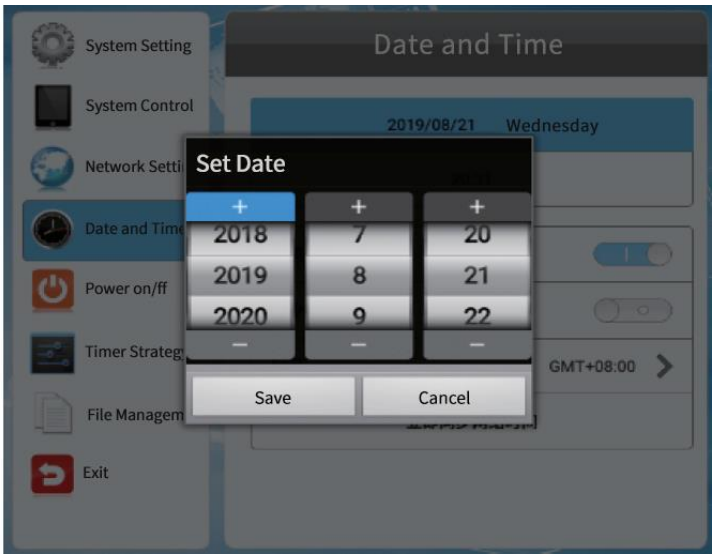
Display terminal MAC address information here, for viewing only, not editable.

## 4.4 Date and Time

Navigate to Date and Time on the main menu and press ▶/II on the remote to open the menu which allows you to set system date and time.

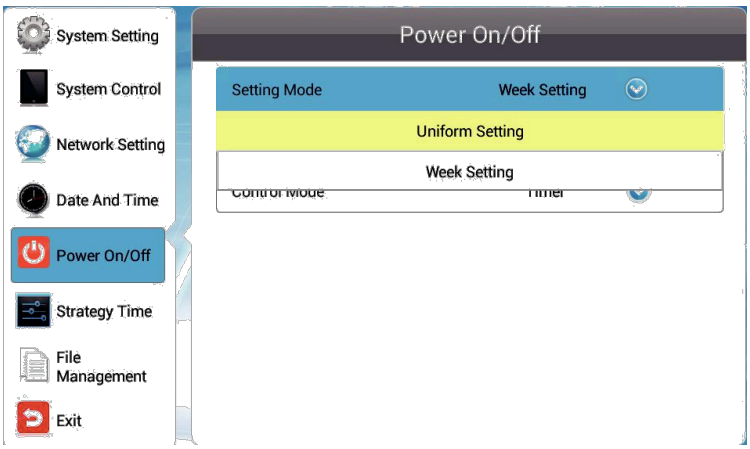


Date – press the date bar to open a panel to adjust the year and date.
Press the arrow buttons on the remote to navigate to the box you want to operate. Press +/- to adjust the date.
Once satisfied, press Save to apply the changes.
Time – press the time bar to open a panel to adjust the time.
Press the arrow buttons on the remote to navigate to the box you want to operate. Press +/- to adjust the date. Once satisfied, press Save to apply the changes.




## 4.5 Power on/off

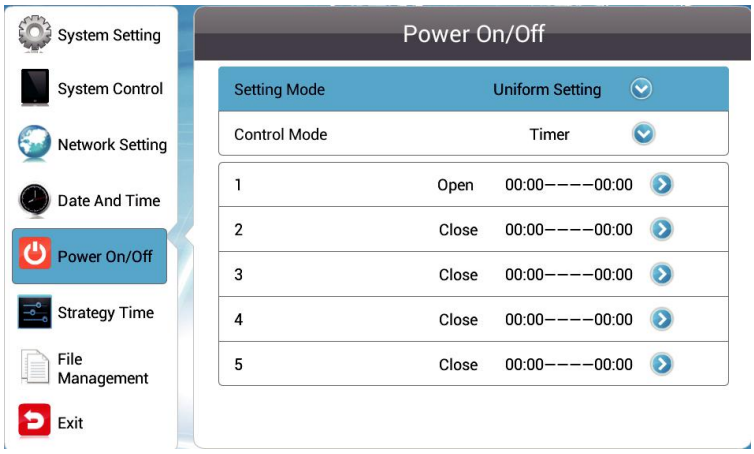
Here you can set the time for the terminal to automatically switch on and off. Here you can set to "Week setting" or "Uniform setting"




Week Setting - This mode will have the player turned on/off automatically at your specified time on each day of every week.

Uniform Setting - This mode will have the player turned on/off automatically at your specified time every day.

For example, you can have a player on from 8:00 to 22:00 every day.




**Timer –** On and off time can be defined respectively in 5 timers. Press the ■■■■ arrows on the remote to move to a box and make adjusting.

**Always On -** The player, if powered, keeps being on all the time.

**Always Off -** The player keeps being off and if turned on manually, it will automatically turn off two minute later, if there is no operation.

**Manual –** allows you to control the on/off time manually.

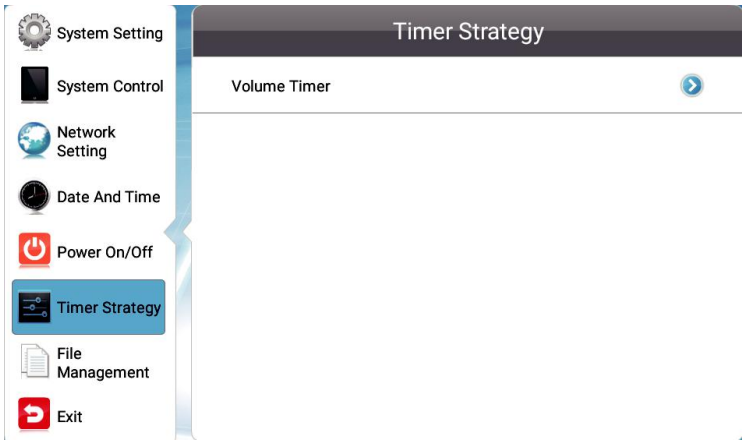
4.If the timer control mode is selected, you'll be allowed to define on/off time using 5 timers.

.

## 4.6 Strategy time

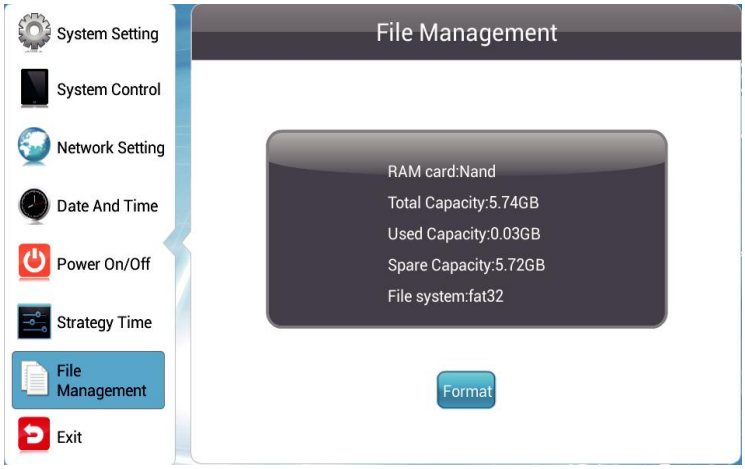
In the main menu bar, when you move the cursor to the [Time Division Strategy] menu, press the remote control's confirmation button to enter the "Time Sharing Strategy" interface. Here, the terminal playback brightness switching can be set in time. When the brightness auto switch is turned on, the screen brightness automatically adjusts the brightness according to the ambient light, that is, the stronger the ambient light, the higher the brightness of the moving signage. The weaker the ambient light, the lower the brightness of the signage.

When the volume policy is off, you can manually adjust the terminal volume.




## 4.7 File Management

Press File Management to open the menu which allows you to check the storage space usage and format the disk if necessary.




Move the cursor to Disk Format and press the Enter key to enter the Disk Format interface. This interface shows the internal memory usage information.
On the “Disk Format” screen, select Format and press the enter key.

## V. Program broadcast and update

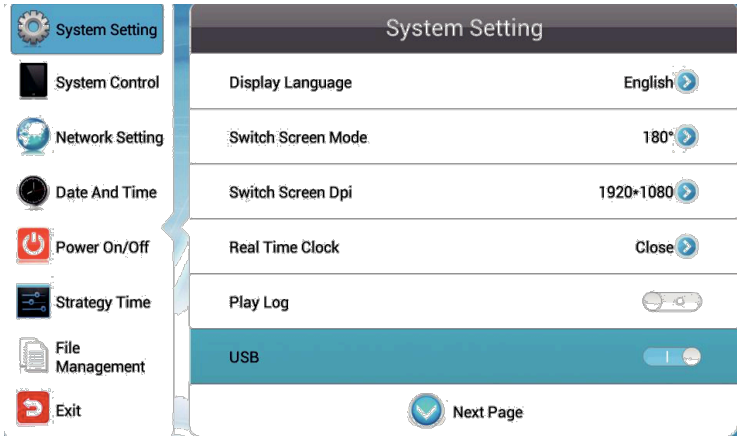
### 5.1 Program update

Select OK, the system will format the internal memory; select Cancel to cancel the formatting.
U disk import program: When the terminal runs in a single machine or cannot download programs through the network, the U disk with the program installed is inserted into the terminal USB interface for program introduction.
Network update program: In the case of terminal networking, the server platform is connected through the network to perform program download.

### 5.1.1 USB Drive Delivery

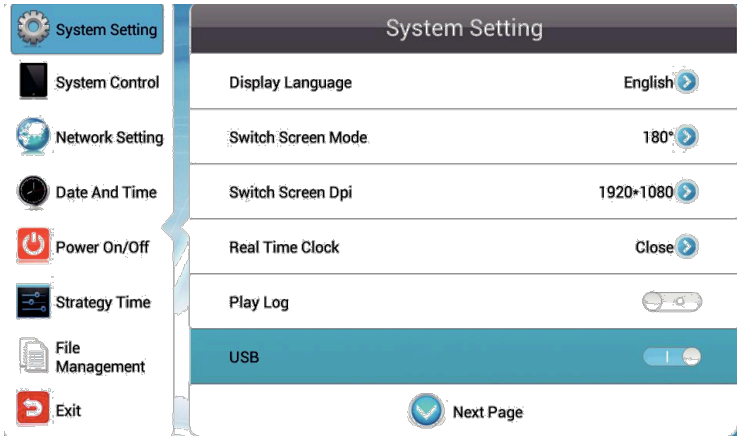
When the terminal is running alone, the user can import the program through the U disk.
The steps to import the program using USB flash drive are as follows:

1.Enable the USB port in the OSD menu System Settings > USB.




2.Enter System Control and change the Work Mode to SINGLE.

3.Insert the U disk containing program files into the USB interface of the terminal. The program files must be in the root directory of the U disk.
4. The system automatically returns to the main interface and starts checking program files. After checking, the system starts to copy program files (if there is a file with the same name on the terminal disk, then overwrite the existing file with the import file).
5. Remove the U disk according to the tips, the program will play automatically after the updating completed




### 5.1.2 Network connection and Program publishing

To update a program with a network, you need to be in wireless or wired network mode (set up in working mode in system administration)

After the boot, the terminal will automatically broadcast the program. If there is no program, the screen will display the main interface of the system.

In the case of terminal networking, users can create new programs on the server side and then publish them to the terminal.

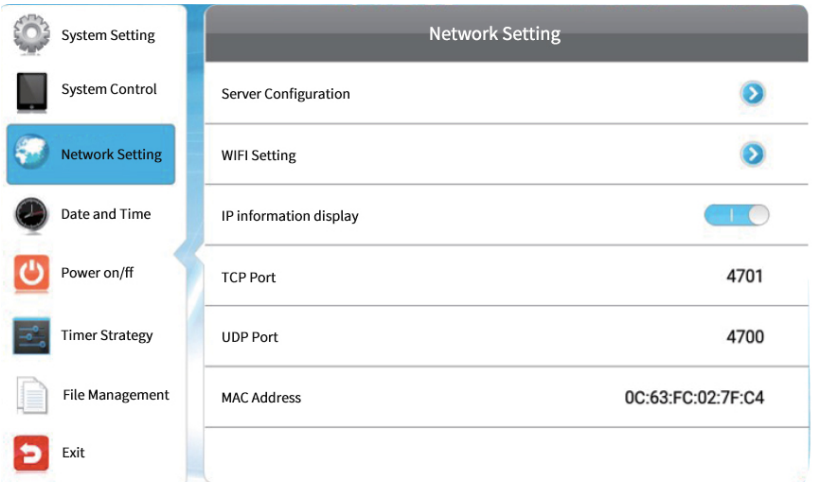
The terminal downloads updates when the machine has a network, and periodically queries for updates (backstage) during operation.

## 5.2 Program publishing

### WiFi mode

Enter System Control and change the Work Mode to WiFi

Enter the Network setting, open WiFi settings to connect the WiFi available

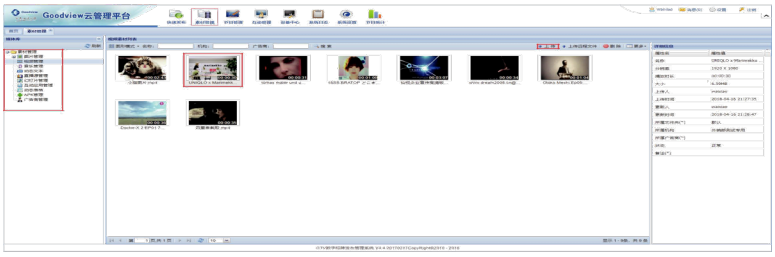



## Program publishing

Step 1. Log in to the server-side main interface (www.goodviewtv.com), enter user name and password, password and verification code into GTV system.

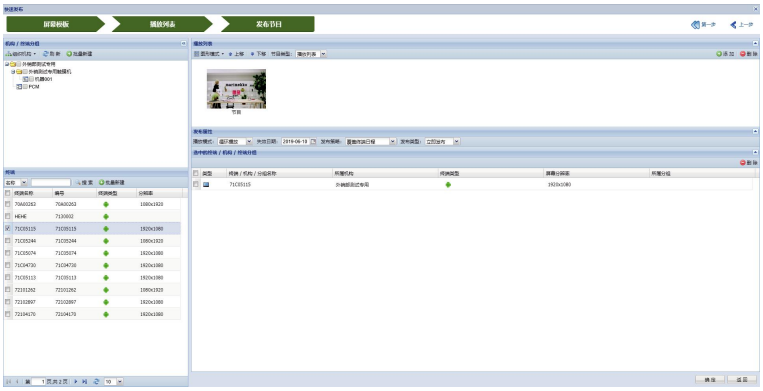
Step 2. Select the material management option on the main interface -> select video management -> click "upload" to upload the required broadcast program materials

Step 3. Go to the "Quick Release" interface and select the type of program you want to publish.



Step 4. Click "video" -> to find the uploaded video material and drag into the program playlist -> change the name of the list (easy to remember) -> click on the top right corner of the window to save the button, that is, the program has been made, save and click next.

Step 5. Select program receiving terminal. On the left side of the page, according to the "organization/terminal group" or "terminal", select the device that needs to publish. Select the terminal, click ok to release the program.



## VII. Troubleshooting

| Phenomenon | Possible reason | Solution |
|---|---|---|
| No screen display | 1. Power cable disconnected<br>2.The main power switch on the back of the display is not turned on<br>3.The selected input is not connected | 1. Plug in the power cord<br>2. Make sure the power switch is on<br>3.Check that the input signal is normal<br>4.The remote-control power-on key can be used for power-on or off after standby |
| Interference or noise can be heard on the display | Caused by surrounding electrical equipment or fluorescent lamps | Move the monitor to another location to see if interference can be reduced |
| The color is not normal | The signal line is not properly connected or in poor contact | Make sure the signal line is firmly connected to the back of the display |
| The picture is distorted and has an abnormal pattern | 1. The signal is not connected correctly;<br>2. The input signal exceeds the ability of the display | 1. Ensure that the signal line is firmly connected;<br>2.Check the video source to see if it is beyond the display range. |
| You can hear the sound, but there's no picture. | The input source signal line is incorrectly connected | Please compare this display to make sure that both the video input and the sound input are correct |
| You can see the image, but you can't hear it. | 1.The input source signal line is incorrectly connected;<br>2.The volume is adjusted to a minimum;<br>3. [MUTE] is open<br>4. No external speakers are connected. | Connection<br>1. Please make sure that the sound input is connected correctly.<br>2. Press the "VOLUP" button to hear the sound<br>3. Use the [MUTE] button to turn off mute<br>4. Connect the external speaker and turn the volume |

## VIII. Service Policy

The voltage, frequency and current requirements indicated on label must be met since any misconduct will lead to abnormal operation, equipment damage, or fire disaster. Maintenance can only be carried out by qualified technicians. Please contact a qualified electrician or manufacturer if you are in doubt about the installation. Please keep the machine away from humid environment, for more information, please call Goodview aftersales service line:400-7052-668

Product that manifests manufacturing defects identified within 30 days which starting from arriving destination port is considered DOA, DOA is defined as a defect that prevents the full use of the Product when first unboxed or first operated because of its quality issue. The Seller will be responsible for sending spare parts for repair or providing compensation or equivalent discounts.

***NOTICE:***

1. For your safety, please do not use this product during thunderstorms.
2. This product has an operating temperature range of 0°C~+40°C and a storage temperature range of -20°C~+60°C. Extreme temperatures can affect the device's performance and service life.
3. Although the product has been tested to withstand harsh operating environments, do use the product in an improper manner.
4. Please do not disassemble this product. In case of failure, please send to our authorized service centers to proceed with repairs.
5. After the device has reached the end of its service life, please discard in a proper way to avoid environmental pollution.
6. When replacing the battery or during the use of an external power supply, shut down the device completely before removing the battery or disconnecting the external power supply to prevent damage.

**Importer:** [Name： AllSee Technologies Limited ]
[Address ：
Unit 5, 88 Kettles Wood Drive, Woodgate Business Park, Birmingham, United Kingdo m B32 3DB]

**Manufacturer:** [Shanghai Goodview Electronics Technology Co., Ltd.]
[Room 866, NO.888, West Huanhu 2 Road, NanhuiXincheng Town, Pudong, 201306]

Hereby, [Shanghai Goodview Electronics Technology Co., Ltd.] declares that the radio
Equipment type [PF*****] is in compliance with Directive 2014 / 53 /EU.
The full text of the EU declaration of conformity is available at the following internet address:https://www.goodview.com/en/service/download

***NOTICE:***

*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 evice must accept any interference received, including interference that may cause undesired operation.*

***NOTICE:***

*Changes or modifications made to this equipment not expressly approved by (*Shanghai Goodview Electronics Technology Co., Ltd.*) may void the FCC authorization to operate this 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.*

***Radiofrequency radiation exposure Information:***

*This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.*