



**Model: G Series**

**Product Name: All-in-one LED Display**

**User Manual**

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***We itc reserve the right to make changes to the products. Products and related information are subject to change without notice.***

***The product illustrations and appearance effects in this manual are for reference only, please refer to the actual product.***

## Chapter 1 Introduction

Thank you for trusting and choosing our products!

This article mainly introduces the operation method of LED center control integrated machine, used to guide users how to quickly use itc center control system.

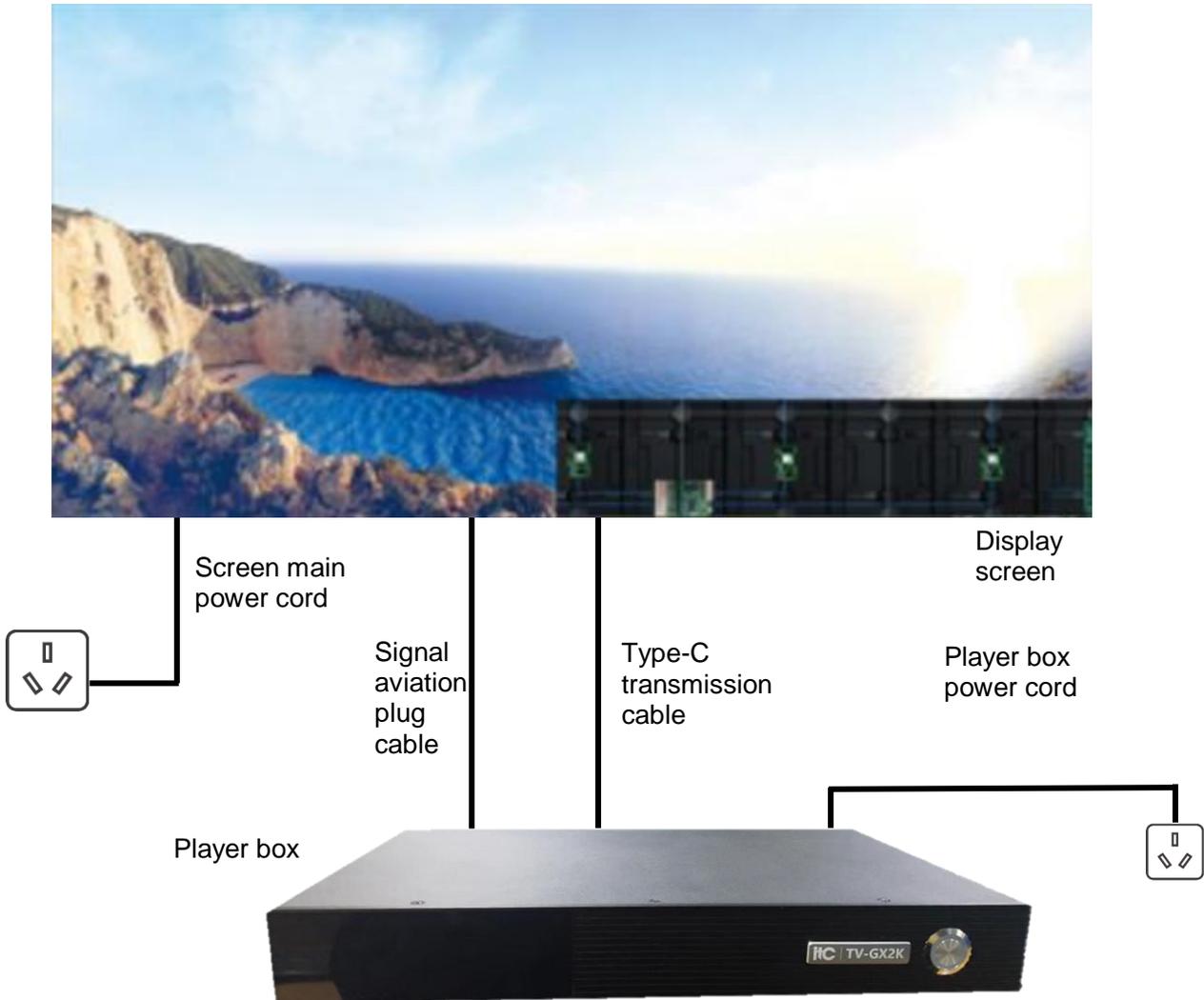
itc conference system brings a brand new LED screen visual experience to the conference room, can project the audiovisual content of the speaker's smart terminal to the conference screen in real time, without complicated cable connection, and easily realize the wireless projection of multi-platform terminals of Windows, Mac OS, iOS, Android. Also, for different conference application scenarios, it provides four scene modes, so that document presentations, video playback, remote meetings, can be matched with the best display effect to make the indoor small pitch LED display screen grayscale and color performance even more outstanding. Up to four-screen fast screen projection and switching functions can meet a variety of meeting scenarios, and is widely used in the commercial meeting scenarios in fields of government and enterprises, design, health care, education and other industries.

## Chapter 2 Specifications

Input port		
1	USB 2.0	USB2.0 interface; support mouse, keyboard, U disk and other common USB devices.
2	USB 3.0	USB3.0 interface, backward compatible; support mouse, keyboard, U disk and other common USB devices.
3	HDMI IN	HDMI 1.3 input, backward compatible; input up to 2048x1152@60Hz resolution video source
4	RS232	Central control controls the input interface of player box system, baud rate: 115200 BPS, data bit: 8, stop bit: 1, no check bit, no flow control
5	LAN	1 Gigabit network port for connecting to external network or connecting to software for display debugging
Output port		
1	AUDIO OUT	3.5mm audio output for connecting external speakers.
2	S/PDIF	Fiber optic digital audio output
3	Type-C	The internal network port module (which is converted from Type-C into a network cable inside the screen for signal transmission) used to connect to the display can carry a maximum of 2.6 million pixels. The cable connecting to the network port module must use the supporting Type-C To Type-C cable, and the side marked with the "T" is upward
4	4P aviation plug interface	Used to transmit electrical signals to control the power on and off of the LED screen
5	HDMI LOOP	HDMI 1.3 output. Input source loop out interface, and the loop out specifications are consistent with that of input source
Antenna		
1	WIFI/STA	Wifi antenna
2	BT	Bluetooth antenna
3	WIFI/AP	AP antenna
Power port		
1	200-240VAC-50/60Hz	AC power interface (standard GB line)
2	Power switch	220V power main switch
Hardware configuration	CPU	Main frequency 1.8G 64-bit 4-core processor
	RAM	DDR4 2GB
	GPU	Mail G52
	ROM	32GB
Electrical specification	Input voltage	200-240VAC-50/60Hz
	Max transient current	1.4A
	Peak power consumption	16W
Work environment	Temperature	-20°C~+60°C
	Humidity	10%RH~75%RH, no condensation
Storage environment	Temperature	-25°C~+125°C
	Humidity	0%RH~80%RH, no condensation

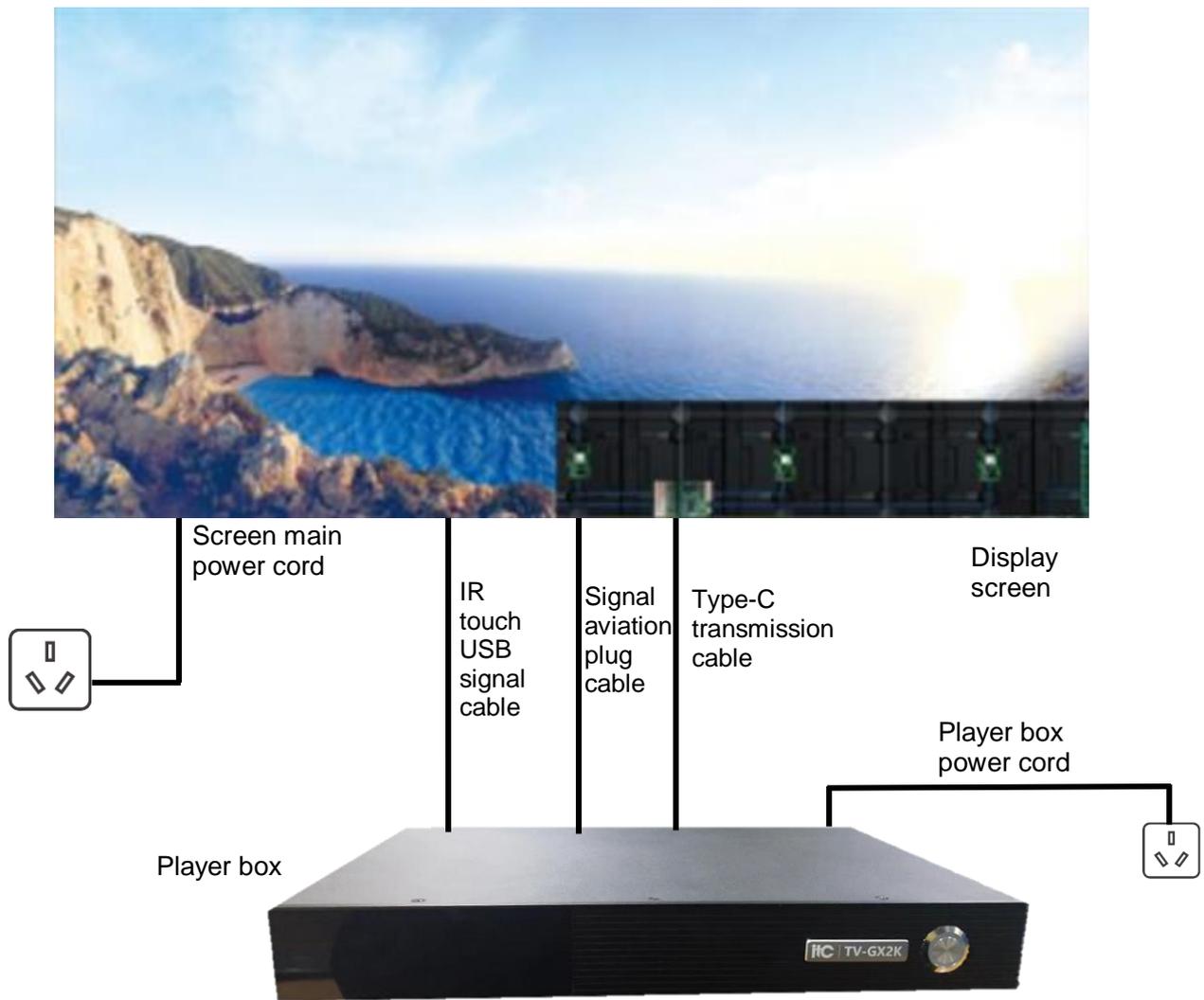
## Chapter 3 Functional Architecture

### Ultra-thin bezel system architecture diagram



Note: Signal aviation plug cable transmits power on/off commands, Type-C cable transmits screen signals

### Infrared touch system architecture diagram



Note: Signal aviation plug cable transmits power on/off commands, Type-C cable transmits screen signal, IR touch USB signal cable transmits touch signals

**Front of the player box**



**Back of the Android box**



## Chapter 4 Quick Use

### Step 1 Boot

Step 1 As shown in the figure below:

1. Press the power switch on the front
2. Once powered on, the device will start automatically. At this time, the indicator panel will light blue, indicated the Started state
3. Wait until the startup is complete, about 30 seconds



### Step 2 Display configuration

Step 1 Connect the upper computer software through a network port.

#### Network port connection

1. Connect the upper computer through the network port on the conference card, and use the network cable to connect the conference card and the upper computer.
2. Open "Network and Sharing Center" on the upper computer.
3. Click "Change Adapter Setting" to open the network connection screen.
4. Choose "Local Connection > Properties > Internet Protocol Version 4 (TCP/IPv4)" to enter the IP configuration page.
5. Click "Use the following IP address", configure the computer IP to 192.168.0.2~192.168.0.254 network segment, and click "Confirm".



Configure IP address

Step 2 Run the software and click "View Device Details" to confirm that the conference card is connected.



View Device Details

Step 3 Configure the display on the software

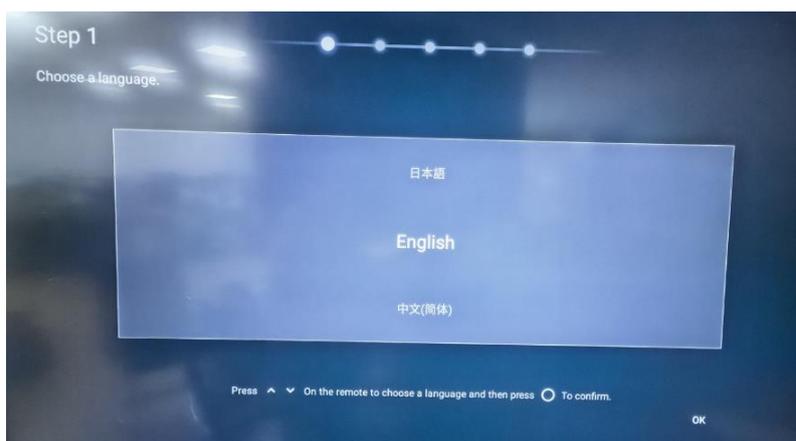
Note: The default IP of the conference card is 192.168.0.10, which can not be reused when configuring the computer IP. □

The conference card supports inter-port backup, not inter-device backup.

### Step 3 Initialize the Setting

When using the **itc** conferencing system for the first time, follow the Beginner's Guide to complete the initialization setting.

Step 1 Select a system language from Chinese, English, and Japanese.



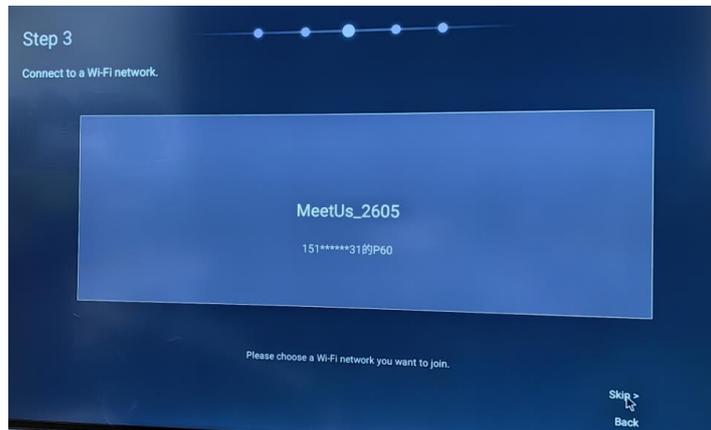
Language selection

Step 2 (Optional) Remote control Bluetooth pairing. Press and hold the Menu key and Home key on the remote control simultaneously for pairing, until the "Connecting Remote Control" window pops up, and then press any key on the remote control for successful pairing.



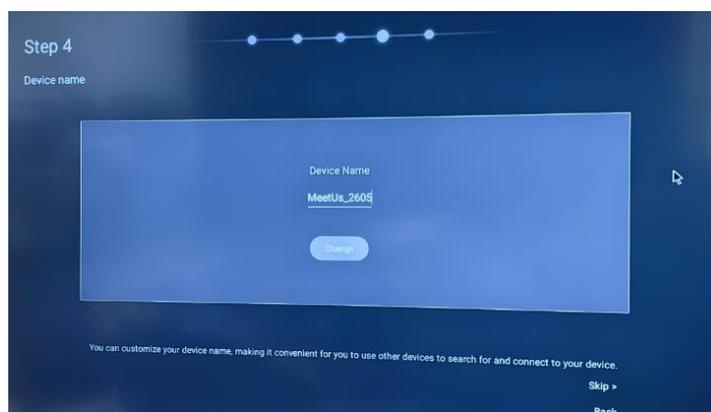
Remote control pairing

Step 3 (Optional) Select the WiFi to be connected and enter the corresponding password.



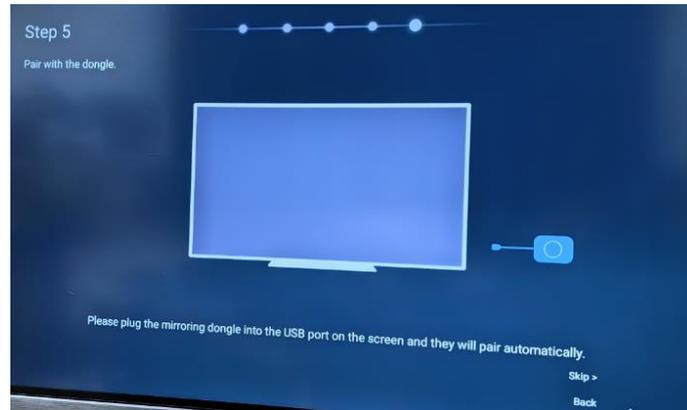
WiFi connection

Step 4 (Optional) Customize the device name to facilitate searching using other devices.



Customize the device name

Step 5 (Optional) Projector pairing. Plug the projector into the USB port on the LED screen and it will be paired automatically.



Projector pairing

Step 6 Initialization setting is complete and you can review the Beginner's Guide or just start using the conference system.

## Step 4 Remote control instructions

### Button illustration



Remote control key illustration

### Bluetooth pairing method

#### Method 1

Step 1 Long press the Menu key and Home key simultaneously, until the "Connecting Remote Control" window pops up.

Step 2 Then press any key on the remote control for successful pairing.

Method 2

Step 1 In the main interface of the conference screen system, select "Application List" to enter the APP application interface.

Step 2 Click "Settings" to open the menu interface. Select "Network > Bluetooth Setting" to enter the Bluetooth setting interface.

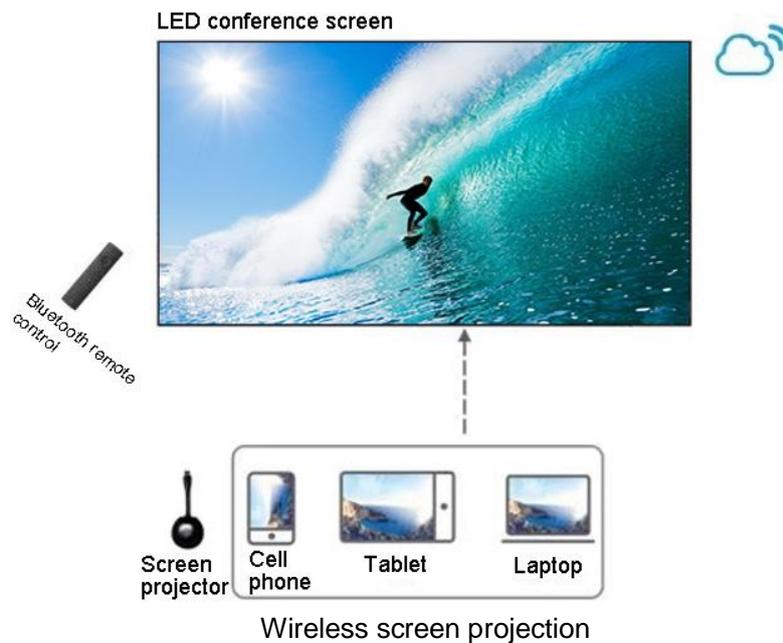
Step 3 Select the device name of "Storm Bluetooth Remote Control" in the "Other Devices" list.

Step 4 Press any key on the remote control for successful pairing.

Note: If the Bluetooth pairing time is too long, please check whether the Bluetooth antenna is connected properly.

## Step 5 Screen projection setting

### 5.1 Wireless projection



#### 5.1.1 Cell phone screen sharing

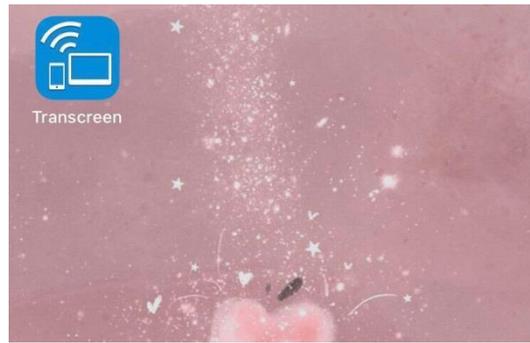
##### Screen sharing for Android system

Step 1 Firstly, scan the QR code in "Quick Projection" on the main interface to download "Transcreen" APP, and install it on your phone.

Step 2 Cell phone connects to conference screen hotspot (default name: AP-MeetUs, default password: 12345678).

Step 3 Run "Transcreen" and select the corresponding device name.

Step 4 Select "Mirror Projection > Start Now" to complete the cell phone screen sharing.



Run the APP

### Screen sharing for IOS system

Step 1 Cell phone connects to **itc** conference screen hotspot (default name: AP-MeetUs, default password: 12345678).

Step 2 Swipe up from the screen bottom to open the Control Center.

Step 4 Single click on "Screen mirroring" and select the **itc** conference screen to complete the cell phone screen sharing.

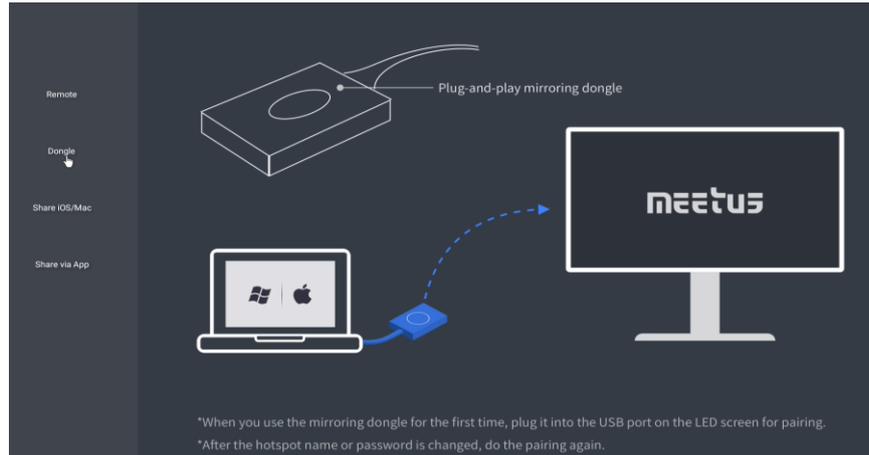


Screen mirroring - cell phone

### 5.1.2 PC screen sharing

#### Screen sharing for Windows system

Step 1 On PC, open the browser, enter "meexus.cn" and download the corresponding client according to your operating platform.



Step 2 PC connects to the conference screen hotspot (default name: AP-MeetUs, default password: 12345678).

Step 3 Run the downloaded client, the connected device name will be detected. Then single click on "Start Screen Sharing".

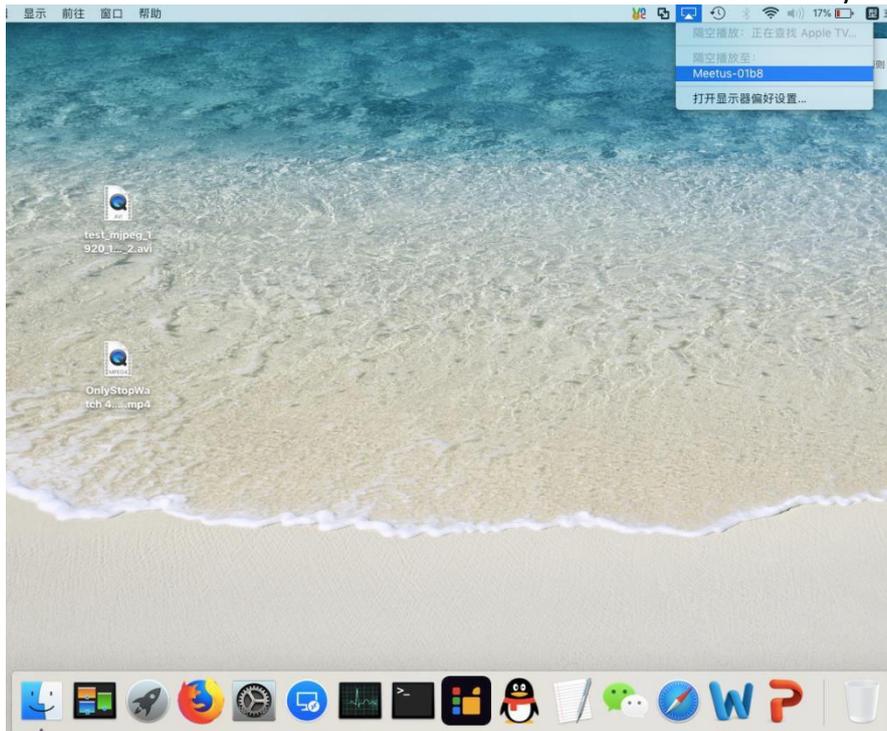


### Screen sharing for MAC OS system

Method 1: Use Screen Mirroring for screen sharing directly

Step 1 PC connects to the conference screen hotspot (default name: AP-MeetUs, default password: 12345678).

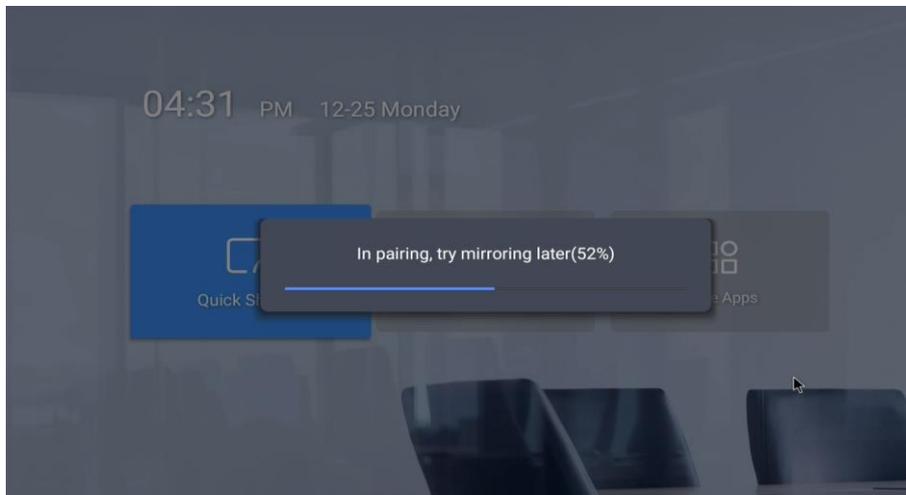
Step 2 Single click on the "Screen Mirroring" icon in the upper-right corner and select the corresponding device name to complete the screen sharing.



Screen Mirroring-PC

### 5.1.3 Projector projection

Step 1 Upon first use, after updating the device name, hotspot name, and hotspot password, you need to connect the projector to the USB port of the conference card for pairing.



Projector pairing

Step 2 Connect the paired projector to the USB port of PC.

A pop-up window prompts " Successful Connection" => Step 3

No pop-up window => Step 3



Successful Connection

Step 3 For WINDOWS computer, select "My Computer>Client (F:)" and run Client.exe program. For MAC OS computer, select "My Computer>Client (F:)>Client.app>Content>Mac OS" and run Client program. Then a pop-up window will prompt " Successful Connection".

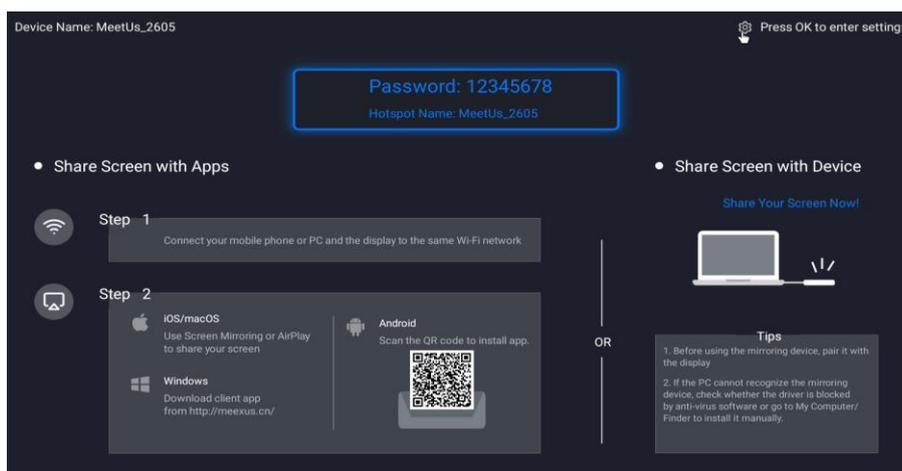
Step 4 Press the round key on the projector for successful screen projection.

### Activate the projector

If no response when you press the wireless projector, it may mean that the projector has failed to activate, and you need to follow the steps below to activate it.

Step 1 Before activation, please make sure the network is properly connected.

Step 2 In the main interface of the conference screen system, click "Quick Projection" to enter the wireless projection interface, as shown in the following figure.



Wireless projection

Step 3 Press the OK key on the remote control or select the icon on the upper right corner of the interface to enter the "Screen Projection Setting", and then select "Activation Information".

Step 4 Click "Commercial Activation" and enter the activation code provided in the dialog box to

successfully activate the Wireless projector.

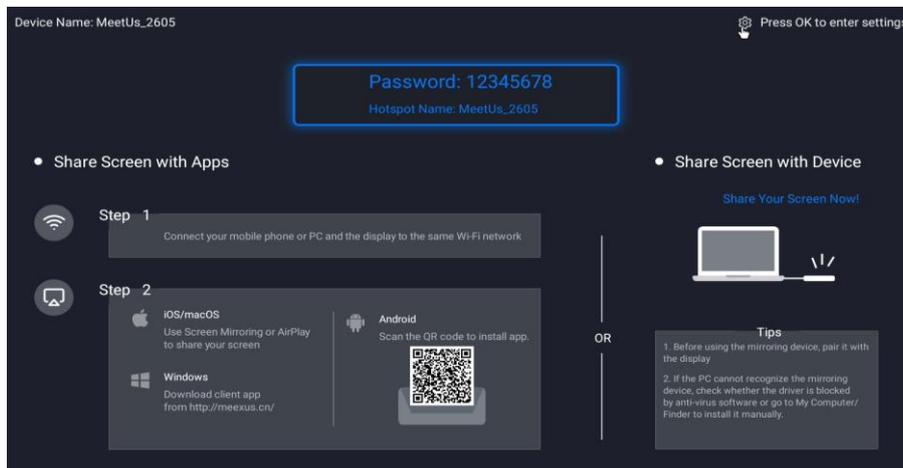
Notes:

- It is known that wireless projection requires keeping the projection device and the **itC** conference screen system in the same network segment, and that a cell phone or computer needs to connect to the hotspot of the conference screen system.
- When the projector leaves the factory, commercial activation has been performed by default.

### 5.1.4 Multi-split screen projection

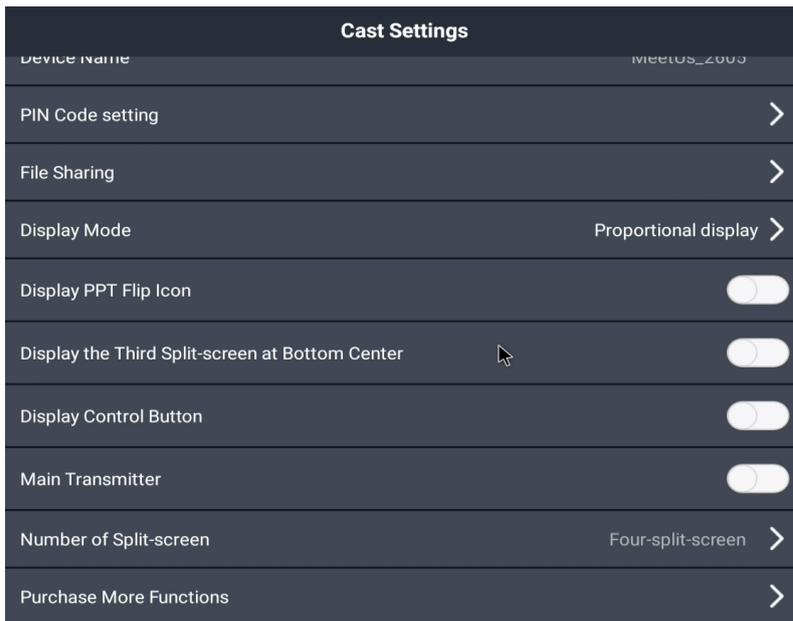
The **itC** conference system supports multi-split screen display function, you can freely set up multiple screens, up to four split screens. Users can follow the steps below to set up multi-split screen projection.

Step 1 In the main interface of the conference screen system. Select "Quick Projection" to enter the wireless projection interface, as shown below.

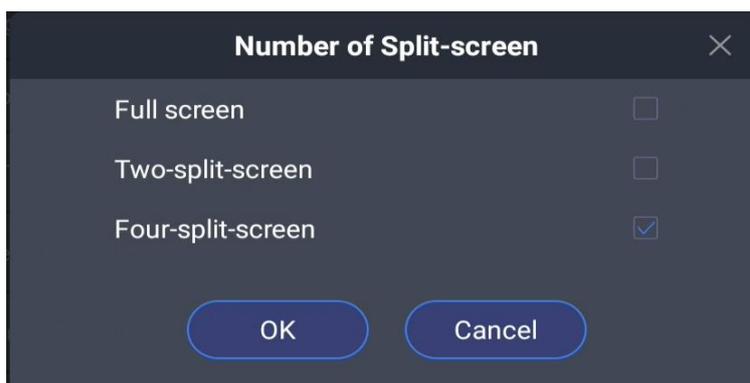


Wireless projection

Step 2 Press the OK key on the remote control or select the icon on the upper right corner of the interface, and then slide to select "Split Screen Display Mode" in the pop-up menu bar.

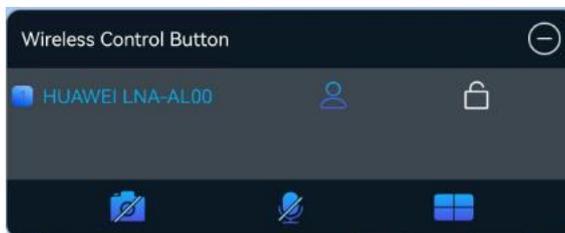


Step 3 In the "Split Screen Display Mode" window, "Single Split Screen", "Dual Split Screen" and "Quad Split Screen" are available.



Split Screen Display Mode

Step 4 Click "Show Master Control Ball" on the interface to enter the wireless central control interface, and then click to select the connected devices to complete the multi-split screen projection.



Wireless central control

Notes:

- The remote control can not select the Display Master Control Ball. Connection to a mouse peripheral or use of touch screen is needed for control.
- For iOS devices, you can only click "Screen Mirroring" on client side to complete the projection,

not through Display Master Control Ball.

- In multi-split mode, only one split screen can play sound, but each split screen can switch sound on/off independently.
- Split screens can exchange their positions with each other, and can be double-clicked for full screen display.

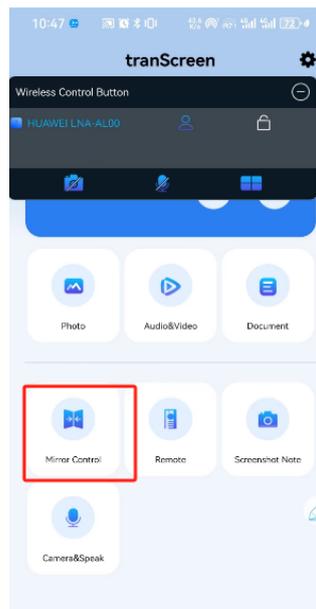
### 5.1.5 Mirror reverse control

The **itC** conference system supports mirror reverse control function, the speaker can freely walk around the lecture hall and reverse control the computer that is sharing the screen via Android mobile (cell phone/tablet).

Step 1 First, scan the QR code in "Quick Projection" on the main interface to download "Transcreen" APP, and install it on your Android mobile terminal.

Step 2 Mobile terminal connects to the **itC** conference screen hotspot (default name: AP-MeetUs, default password: 12345678).

Step 3 Run "Transcreen" and select the name of the device to be connected.



Mirror reverse control

Step 4 When you open "Transcreen" for the first time, click " Screen Mirroring" for screen projection.

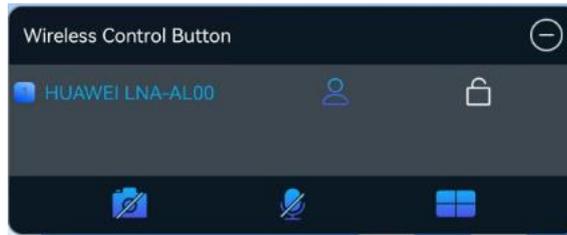
Step 5 Click "Mirror Reverse Control" to realize the function.

### 5.1.6 Wireless snapshot

The **itC** conference system supports Wireless Snapshot function. The audience can take a complete screenshot of the speaker's content on the display device through the mobile terminal ( cell phone/tablet PC ) and transfer it back to their own mobile terminal and store it in the designated location.

Step 1 In the conference system interface, click the " Display Master Control Ball" to enter the

wireless central control interface, and enable the "Wireless Snapshot" privilege.

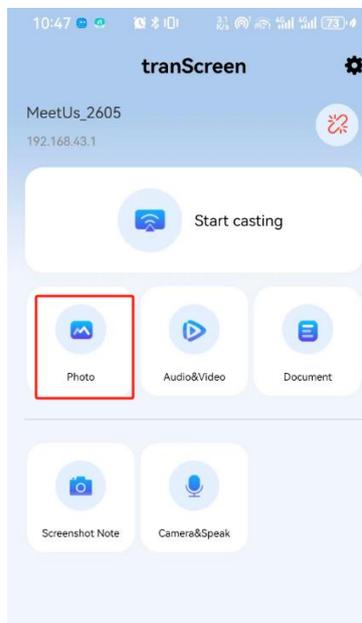


Wireless central control

Step 2 Scan the QR code in "Quick Projection" on the main interface to download "Transcreen" APP, and install it on your mobile terminal.

Step 3 Mobile terminal connects to the **itc** conference screen hotspot (default name: AP-MeetUs, default password: 12345678).

Step 4 Run "Transcreen" and select the name of the device to be connected.



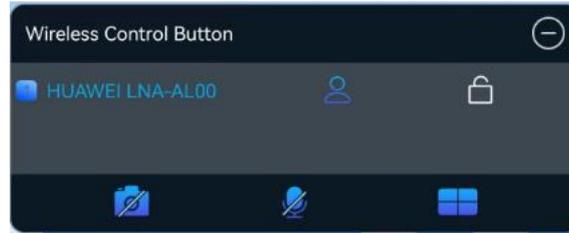
Wireless snapshot

Step 5 Click "Wireless Snapshot" to instantly take a snapshot of the screen projection content and store it in the specified location.

### 5.1.7 Wireless Speech

The **itc** conference system supports Wireless Speech function. The audience can use the mobile terminal (mobile phone/tablet) as a microphone to speak directly, and the sound will be transmitted wirelessly to the sound system in the hall.

Step 1 In the conference system interface, click "Show Master Control Ball" to enter the wireless central control interface, and enable the "Wireless Speech" privilege.

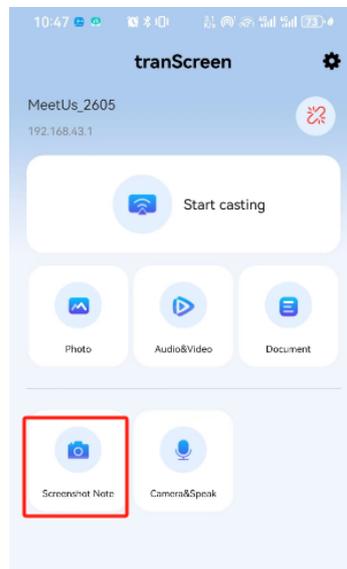


Wireless central control

Step 2 Scan the QR code in "Quick Projection" on the main interface to download "Transcreen" APP, and install it on your mobile terminal.

Step 3 Mobile terminal connects to the **itC** conference screen hotspot (default name: AP-MeetUs, default password: 12345678).

Step 4 Run "Transcreen" and select the name of the device to be connected.



Wireless Speech

Step 5 Click the "Wireless Speech" key, and long press the "Hold to Speak" to realize wireless speech.

## 5.2 Wired projection

Connect directly to the conference card and the device that requires screen projection via an HDMI cable.



## Wired projection

**Step 6 Signal source switching**

Users can switch between multiple signal sources in the following 3 ways.

**Multimedia presentation**

Step 1 In the main interface of the control system, click "Multimedia Presentation" to enter the multimedia presentation interface.

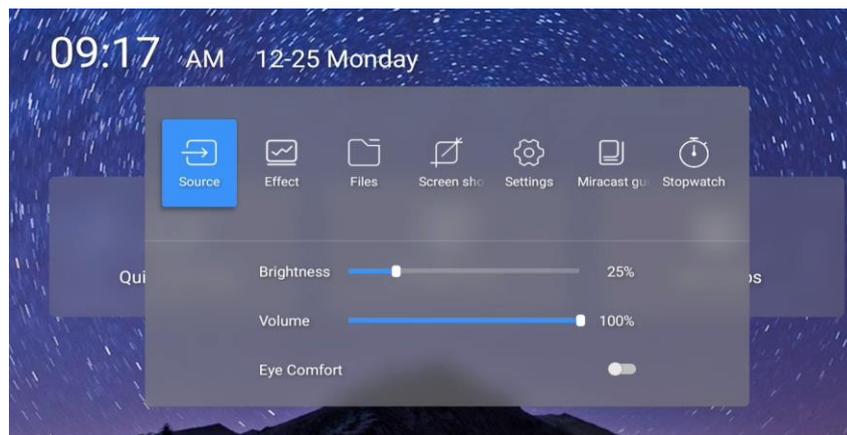


Multimedia presentation

Step 2 Select the source for screen projection demonstration and press the OK key of the remote control to switch it successfully.

**Menu bar**

Step 1 Press the Menu key on the remote control to enter the menu bar.



菜单栏

Step 2 Click "Source", the source switching interface will pop up at the bottom of the screen.

Step 3 Select the source for screen projection demonstration and press the OK key of the remote control to switch it successfully.

### Remote control

Step 1 Click "Signal Source Switching" key on the remote control, and the source switching interface will pop up at the bottom of the screen.

Step 2 Select the source for screen projection demonstration and press the OK key of the remote control to switch it successfully.

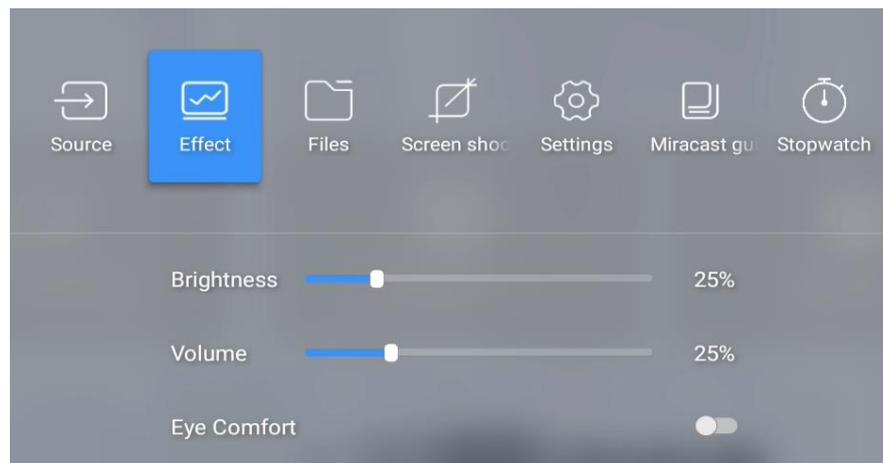
## Step 7 Effect adjustment

To adjust the display for more comfortable viewing, you can perform the following operations.

### Scene Mode

The **itC** conference system provides 4 scene modes specifically for different conference application scenarios. Whether for document presentation, video playback, or remote conference, it can match the optimal display effect.

Step 1 Press the Menu key on the remote control to enter the menu bar.



Menu bar

Step 2 Click "Effect Adjustment" to enter the effect adjustment interface.



**Effect Adjustment**

Step 3 Select the corresponding mode according to your actual needs.

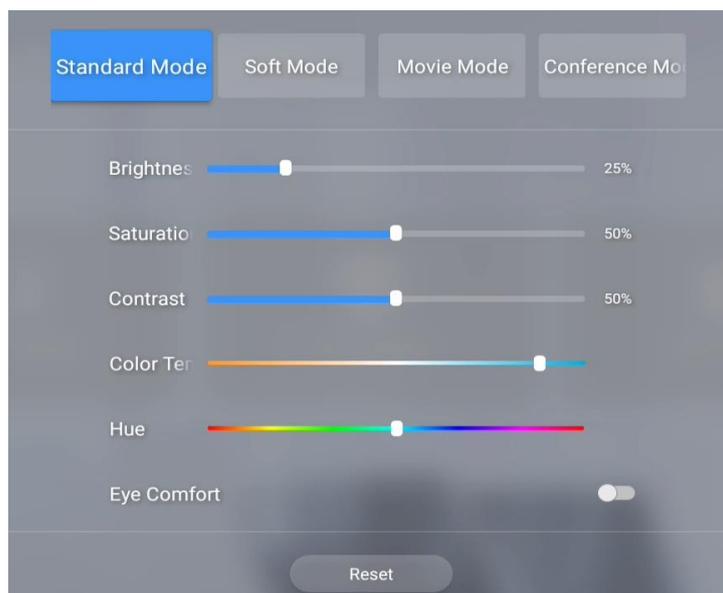
- Standard Mode: the default mode, which can cover most of the usage scenes.
- Soft Mode: suitable for document presentation, PPT playback and other scenes with more text.
- Cinema Mode: suitable for video, movie playback and other scenes.
- Conference Mode: suitable for remote conference and other scenes with more participants.

**Customized display effect**

Users can make fine adjustments after selecting the scene mode to meet personalized conditions.

Step 1 Press the Menu key on the remote control to enter the menu bar.

Step 2 Click "Effect Adjustment" to enter the effect adjustment interface.



**Effect Adjustment**

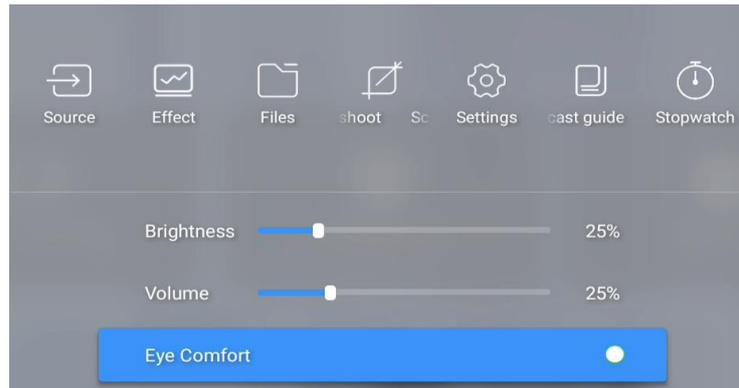
Step 3 Customize the display effect by adjusting "Brightness", "Saturation", "Contrast", and "Color Temperature", "Hue" to customize the display effect.

Step 4 (Optional) If you are not satisfied with the current effect after adjustment, click the "Restore Default" key to restore the default parameters of the current mode.

### Eye Protection Mode

The **itc** conference system supports enabling Eye Protection Mode with one key.

Step 1 Press the Menu key on the remote control to enter the menu bar.



护眼模式

Step 2 Click the "Eye Protection Mode" key to turn on/off the eye protection mode effect.

Note: When Eye Protection Mode is on, the screen will be slightly yellowish.

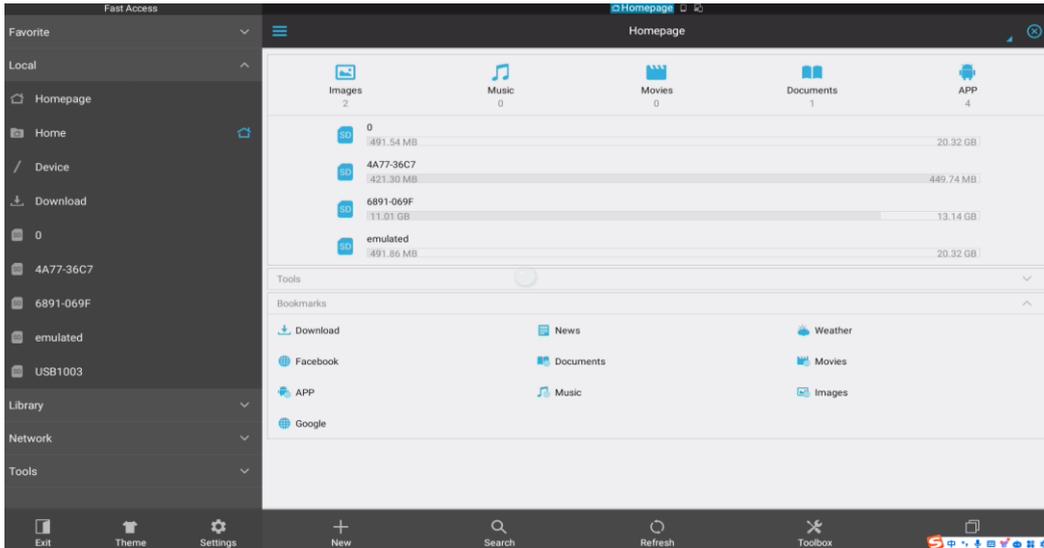
## Step 8 Setting management

### 7.1 File management

Users can follow the steps below to perform simple operations on the file.

Step 1 In the main interface of the conference screen system. Select "More Apps" to enter the APP application interface.

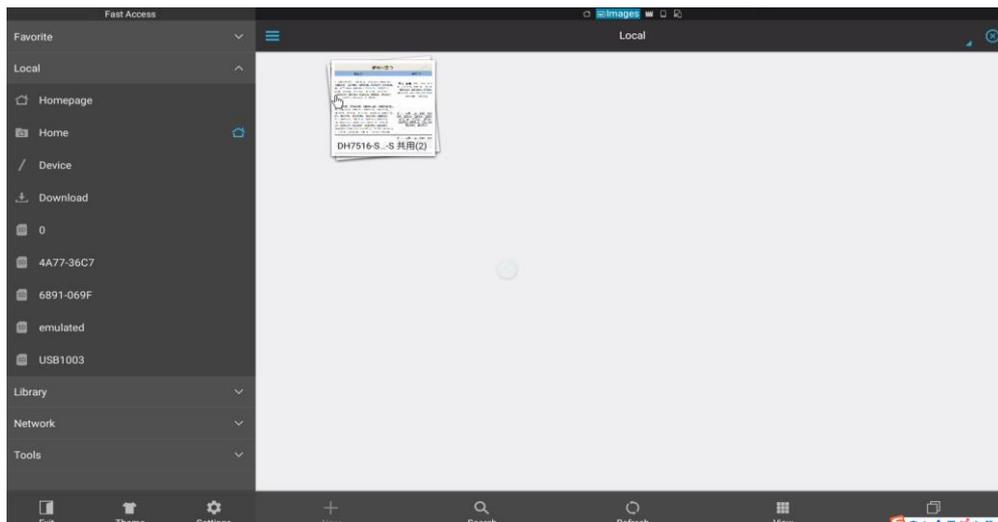
Step 2 Enter the "ES File Browser" interface.



ES File Browser

Step 3 Select the folder where the target file is located.

Step 4 Select the target file and confirm to open it.



ES File Browser - Copy/Cut/Delete/Rename

Step 5 (Optional) Long press the OK key of the remote control or mouse left to "Copy/ Cut/ Delete/ Rename" the target file.

## 7.2 Network setting

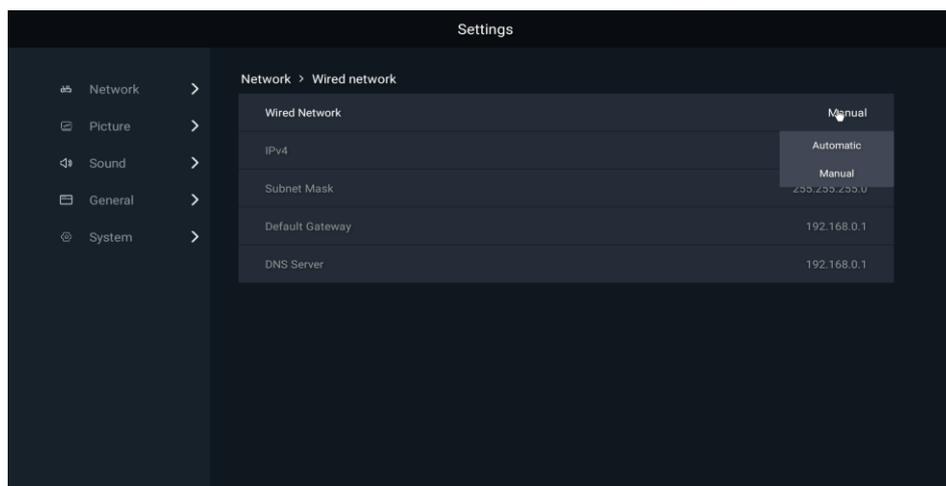
### 7.2.1 Wired network

Step 1 In the main interface of the conference screen system. Select "More Apps" to enter the APP application interface.

Step 2 Click "Settings" to open the menu interface. Select "System > Port Switching > Wired Network".

Step 3 Return to the Setting interface and select "Network > Wired Network" to enter the wired

network setting interface.



Wired Network

Step 4 Select "Automatic" to obtain an IP address automatically.

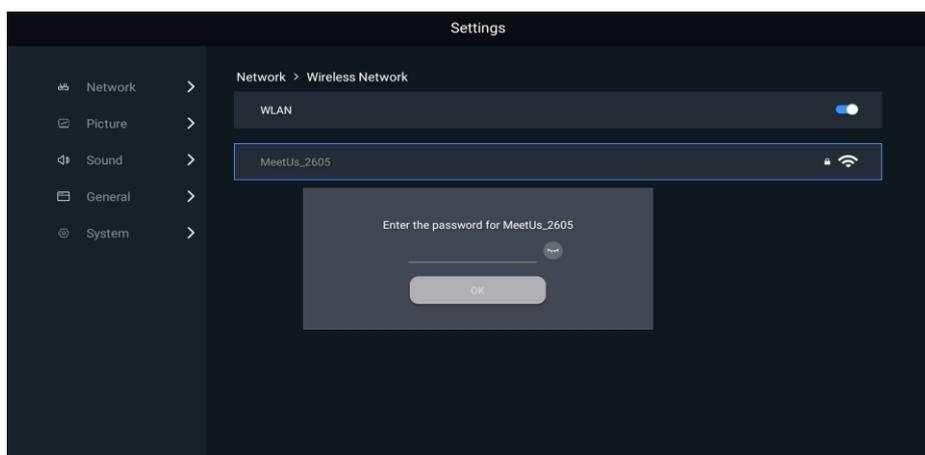
Step 5 When the icon is displayed in the upper right corner of the main interface, it means successful network connection.

### 7.2.2 Wireless network (WiFi)

Step 1 In the main interface of the conference screen system. Select "More Apps" to enter the APP application interface.

Step 2 Click "Settings" to open the menu interface. Select "Network > Wireless Network" to enter the wireless network setting interface.

Step 3 Select the WiFi network available for attachment and enter the password in the pop-up window



Enter the WiFi password

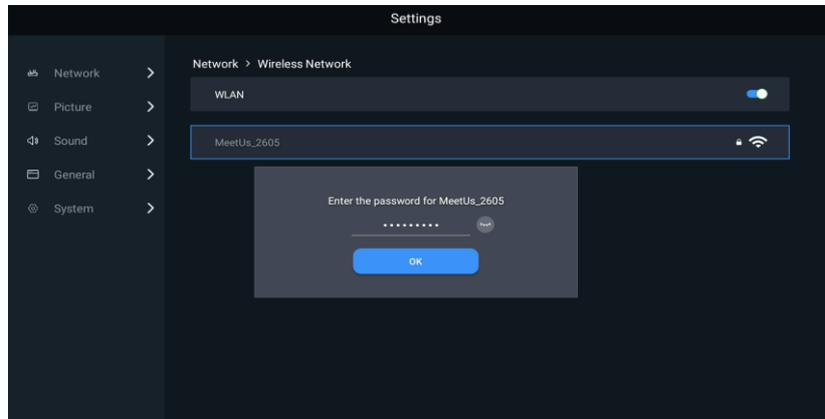
Step 4 Click OK to connect to WiFi.

### 7.2.3 Local hotspot

Step 1 In the main interface of the conference screen system. Select "More Apps" to enter the APP application interface.

Step 2 Click "Settings" to open the menu interface. Select "Network > Local Hotspot" to enter the hotspot setting interface.

Step 3 Set the password of the wireless hotspot.



Set the hotspot password

Step 4 Click "OK" to turn on the hotspot.

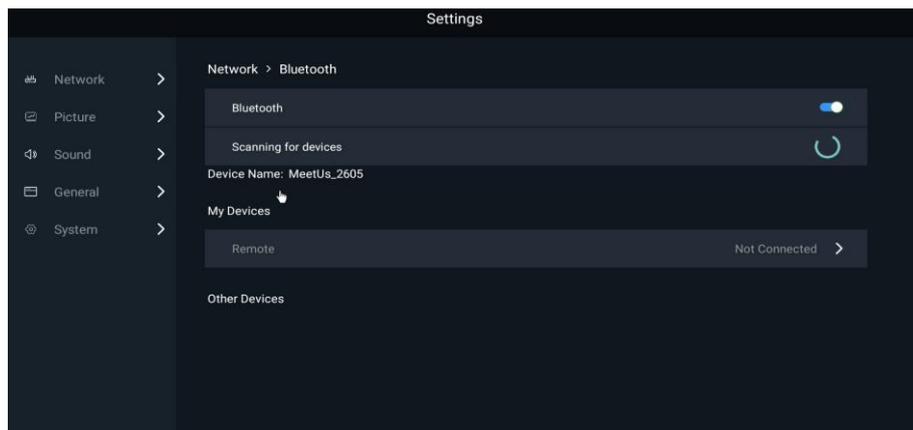
Note: After changing the local hotspot name or password, it is required to connect the projector to the USB port of the conference card and perform the pairing again.

### 7.2.4 Bluetooth

Step 1 In the main interface of the conference screen system. Select "More Apps" to enter the APP application interface.

Step 2 Click "Settings" to open the menu interface. Select "Network > Bluetooth" to enter the Bluetooth setting interface.

Step 3 Turn on the "Bluetooth" switch.



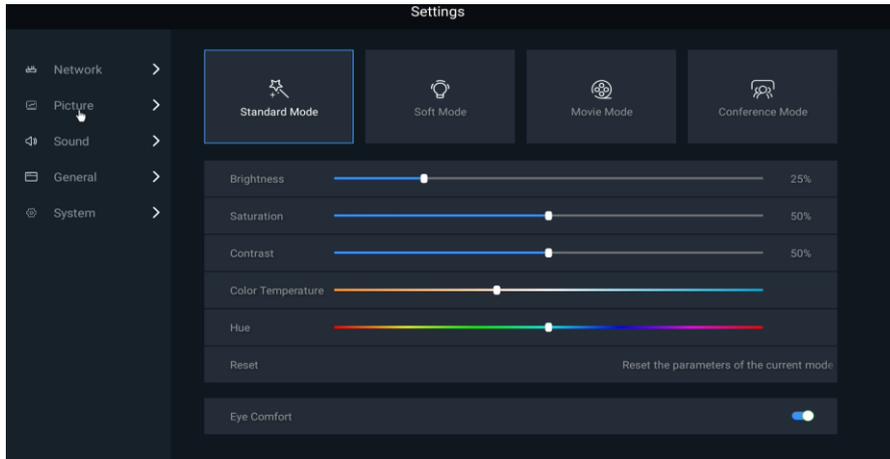
Bluetooth

Step 4 Select the devices to pair for pairing.

### 7.3 Effect Adjustment

Step 1 In the main interface of the conference screen system. Select "More Apps" to enter the APP application interface.

Step 2 Click "Settings" to open the menu interface. Select "Effect" to enter the Effect Adjustment interface.



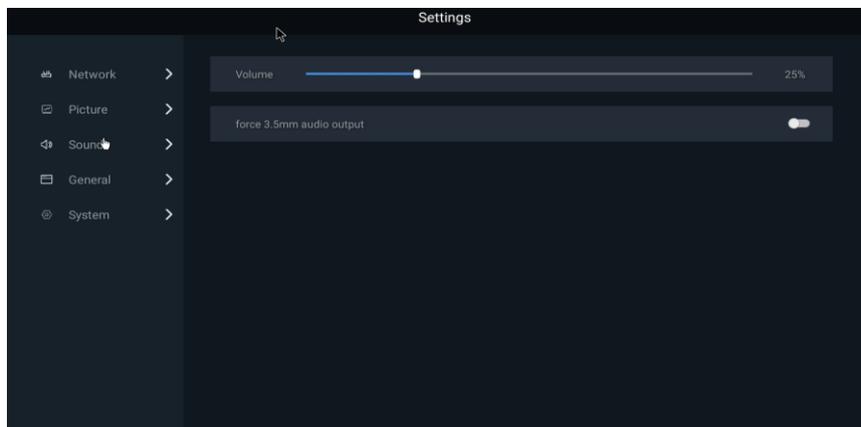
Effect Adjustment

Step 3 For the specific adjustment method, see (Scene - Effect Adjustment).

## 7.4 Sound Setting

Step 1 In the main interface of the conference screen system. Select "More Apps" to enter the APP application interface.

Step 2 Click "Settings" to open the menu interface. Select "Sound" to enter the Sound Setting interface.



Sound Setting

Step 3 Make setting for the system sound, including adjusting the volume and turning on/off the system sound.

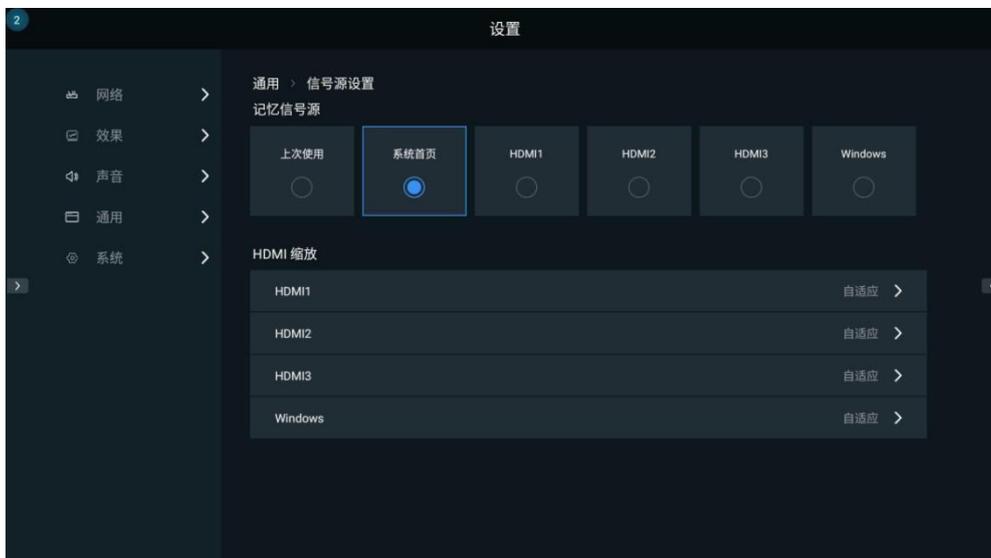
## 7.5 General Setting

### 7.5.1 Signal source setting

Step 1 Click "Settings" to open the menu interface. Select "General > Signal Source Setting" to enter the signal source setting interface.

Step 2 Manage the following setting for the connected signal sources.

- Memory signal source: Set the power-on signal source. Optional "Last Used", "System Home" (default), "HDMI1", "HDMI2", "HDMI3" and "Windows".
- HDMI Scaling: Scaling setting for the selected HDMI source. Optional "Adaptive" (default), "4:3", "16:9" and "Pixel-to-Pixel".



Signal source setting

### 7.5.2 Application management

Step 1 Click "Settings" to open the menu interface. Select "General > Application Management" to enter the application management interface.

Step 2 Manage the installed APP as follows.

- Force stop: Force the APP to Stop status.
- Open the app: Run the selected APP.
- Uninstall: Uninstall the selected APP.
- Clear data: Clear the data cache of the selected APP.



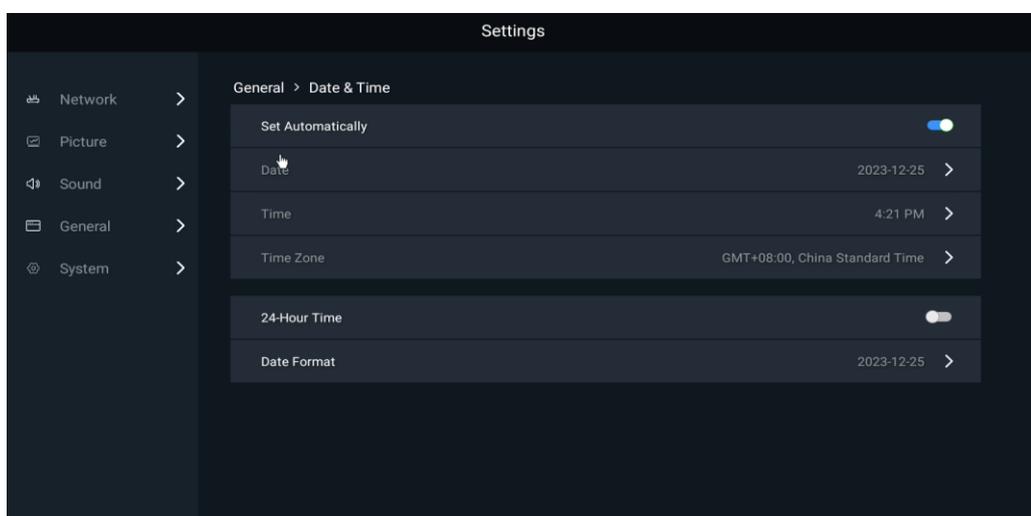
Application management

### 7.5.3 Time and Date

Step 1 Click "Settings" to open the menu interface. Select "General > Time and Date" to enter the time and date setting interface.

Step 2 Make the following setting for the time and date of MeetUs system.

- Obtain network time automatically: Turn on "Obtain network time automatically", the time and date will be synchronized with that of the network time. Or you may turn off the automatic setting to set the MeetUs system time by yourself.
- 24-hour clock: Turn on "24-hour clock" and the time is displayed in the 24-hour clock format. If not enabled, the time is displayed in 12-hour clock format by default. Date format: Year-Month-Day (default), Month-Day-Year and Day-Month-Year are available.

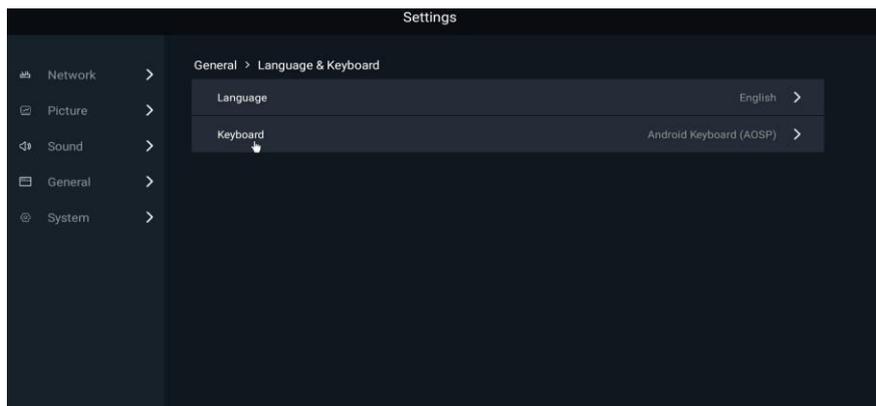


Time and Date

### □ 7.5.4 Language and Keyboard

Step 1 Click "Settings" to open the menu interface. Select "General > Language and Keyboard" to enter the language and keyboard setting interface.

Step 2 Set the language and keyboard input method of MeetUs system. Language: Optional "Chinese (Simplified)" (default), "English", "Chinese (Traditional)" and "Japanese Chinese (Simplified)" (default), "English", "Chinese (Traditional)" and "Japanese". Keyboard: Optional "Google Pinyin Input Method" (default), "Android Keyboard" and "Google Japanese Input Method".



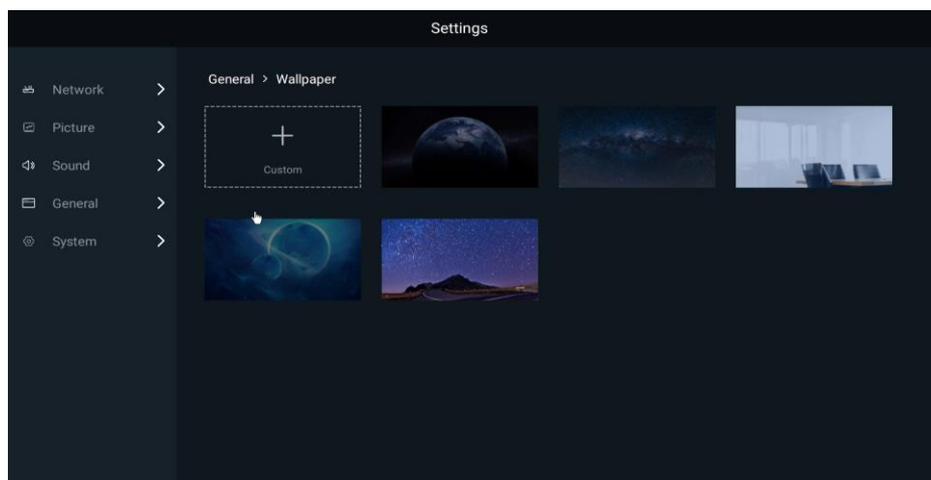
Language and keyboard

### 7.5.5 Wallpaper

Step 1 Click "Settings" to open the menu interface. Select "General > Wallpaper" to enter the wallpaper setting interface.

Step 2 Set the desktop wallpaper of MeetUs system.

- System built-in wallpaper: Select the target wallpaper, click "Set as wallpaper".
- Customized Wallpaper: Click "Customize Wallpaper". In the ES File Browser, select the local image you want to set as wallpaper, and then click it.

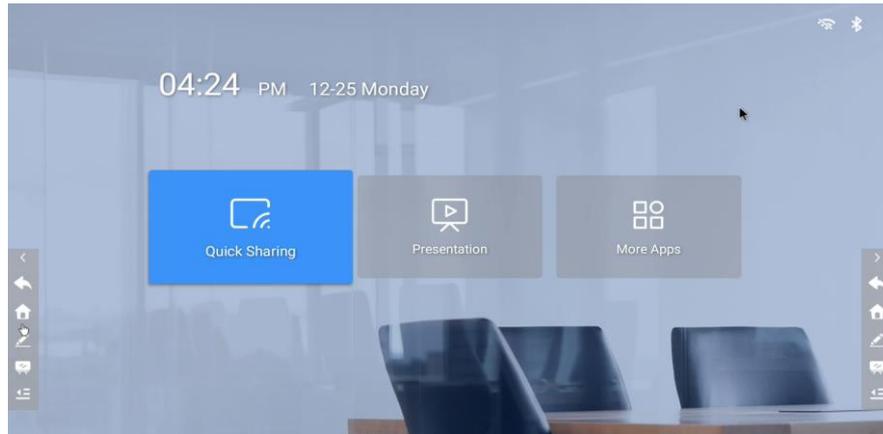


Wallpaper

### 7.5.6 Assistive Touch

Step 1 Click "Settings" to open the menu interface. Select "General > Assistive Touch" to enter the Touch Assist setting interface.

Step 2 Turn on "Touch Assist" and click the small triangle icon on both sides of the interface to open the sidebar.



Assistive Touch

Return key. Click to return to the previous operation.

Home key. Click to return to the home page.

Brush key. Click to open the Brush tool.

Whiteboard key. Click to open the Whiteboard tool.

Menu key. Click to open the menu bar.

Note: The remote control is unable to operate the Assistive Touch menu. Connection to a mouse peripheral or use of touch screen is needed for control.

## 7.6 System Setting

### 7.6.1 Timed power on/off

Step 1 Click "Settings" to open the menu interface. Select "System > Timed Power On/Off" to enter the Timed power on/off setting interface.

Step 2 Set system timed power on/off time.

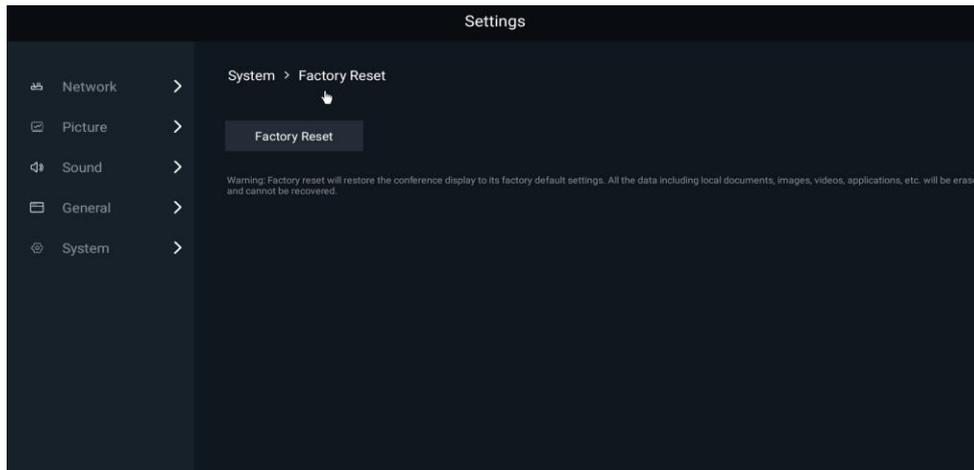


Timed power on/off

### 7.6.2 Restore factory settings

Step 1 Click "Settings" to open the menu interface. Select "System > Restore Factory Settings" to enter the Restore Factory Settings interface.

Step 2 Click "Restore Factory Settings" to restore the conference screen to the factory state.



Restore factory settings

Notes:

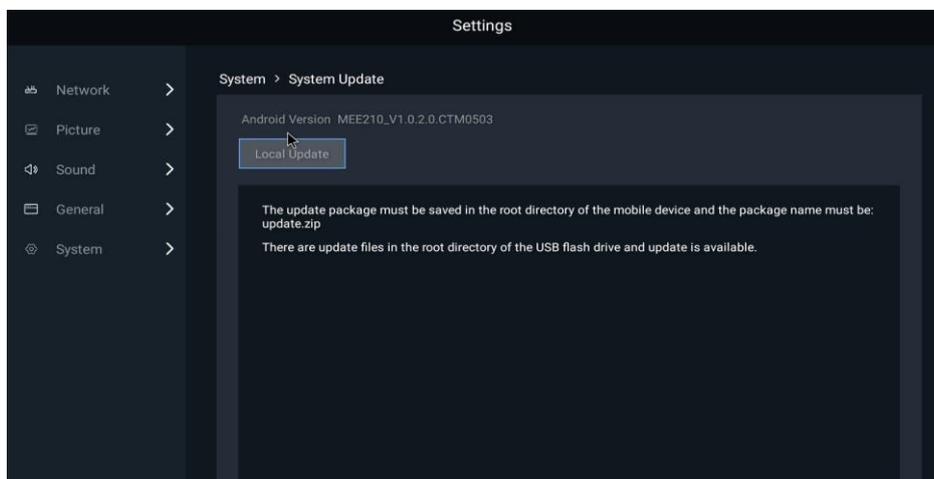
- Once restoring factory settings, local data such as documents, photos videos, apps will be erased and cannot be recovered.
- Once restoring factory settings, projector needs to be commercially activated again. For details, see Activate the Projector.

### 7.6.3 Android system upgrade

Step 1 Click "Settings" to open the menu interface. Select "System > System Upgrade" to enter the Android upgrade interface.

Step 2 Insert the USB disk with upgrade package into the USB port of the Android card. (Upgrade package file name: update\_sign.zip, and the upgrade package must be placed in the root directory of the mobile device).

Step 3 When it says "U disk root has upgrade file. Upgrade available", click "Local upgrade". Keep the power on and the USB flash drive unplugged during the upgrade. The entire upgrade process will take about 3 to 5 minutes (Losing power and plugging or removing the USB disk are dangerous actions, which may damage the Android card)



## System upgrade

### 7.6.4 About

Step 1 Click "Settings" to open the menu interface. Select "System > About" to enter the About screen.

Step 2 Users can view and modify the conference system name, as well as view the following information.

- Android card version
- System release date
- Memory information
- Storage information



About

### 7.6.5 Network port status switching

Step 1 Click "Settings" to open the menu interface. Select "System > Network Port Switching".

#### Network port switching

Step 2 Switch the network port status. Optional: "LCT" (default), "Wired Network".

- To connect to the upper computer through the network port, switch to the LCT state.
- To connect to a wired network through the network port, switch to the "Wired Network" state.

## 7.7 Custom Settings

### 7.7.1 Custom boot animation

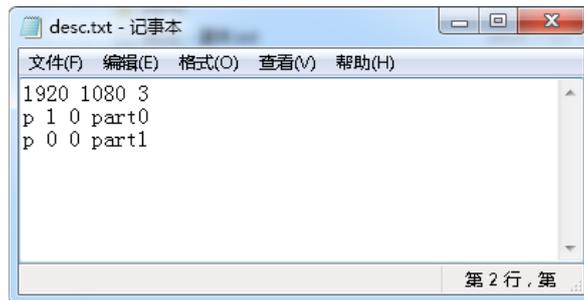
Android boot screen is mainly composed of a zip format compression package, bootanimation.zip, which contains several image in png format, as well as a desc.txt text document. Upon booting, following the commands inside desc.txt, the screen will be animated by playing images one after another consecutively in order by file name, just like playing the original tape film. The boot animation

can be customized by following the steps below.

Step 1 Prepare the desc.txt file as defined in the table, which can be referred to in the following example diagram.

Desc.txt	Column 1	Column 2	Column 3	Column 4
Line 1	Pixel width	Pixel height	Frames	N/A
Line 2	Identifier	Loop times for this image	Interval of loop playback	Folder name
Line 3				

desc.txt file



desc.txt file

Step 2 Press "Enter" key to switch the cursor to a blank line upon completion of preparation.

Step 3 Save the desc.txt file.

Step 4 Create two new folders named "Part1" and "Part0".

Step 5 Customers should prepare the boot animation material (png image) according to their own needs.

Notes:

- Images must be numbered and placed in numerical order.
- The pixels (size), width, and specifications of the images must be consistent with the settings in the desc.txt document.
- For each picture in Part0, the size is about 35KB and the number is between 30 and 55.
- The total size of all images in Part0 and Part1 must not exceed 3000k.

Step 6 Put the boot animation materials (png images) prepared in advance into the corresponding folders.

Step 7 Select three folders simultaneously for compression. (Otherwise, there will be one more directory, and the boot animation cannot be recognized, and the screen will go black.)



Add zip file

Step 8 Set the compression file name to “bootanimation.zip”, compressed file format to “ZIP”, and compression mode to “Storage”.



Zip file name and parameters

Step 9 Place the finished bootanimation.zip file in the root directory of a FAT32-formatted USB disk and insert it into the USB port of the conference card.

Step 10 Click "Settings" to open the menu interface. Select "System > About" to enter the About interface.

Step 11 Select "Android Card Version", press the OK button on the remote control for 10 times, then the Factory menu will be shown on the upper left corner of the interface.



Change the boot animation

Step 12 Select "Change the boot animation", and the system will automatically recognize the bootanimation.zip and reboot after 3 seconds to complete the boot screen replacement.

### 7.7.2 Custom boot LOGO

Step 1 Create a boot LOGO image, set the image name to "bootlogo.jpg" and the image format to "jpg format".

Step 2 Place the finished bootanimation.zip file in the root directory of the USB disk and insert it into the USB port of the conference card.

Step 3 Click "Settings" to open the menu interface. Select "System > About" to enter the About interface.

Step 4 Select "Android Card Version", press the OK button on the remote control for 10 times, then the Factory menu will be shown on the upper left corner of the interface.



Modify the boot Logo

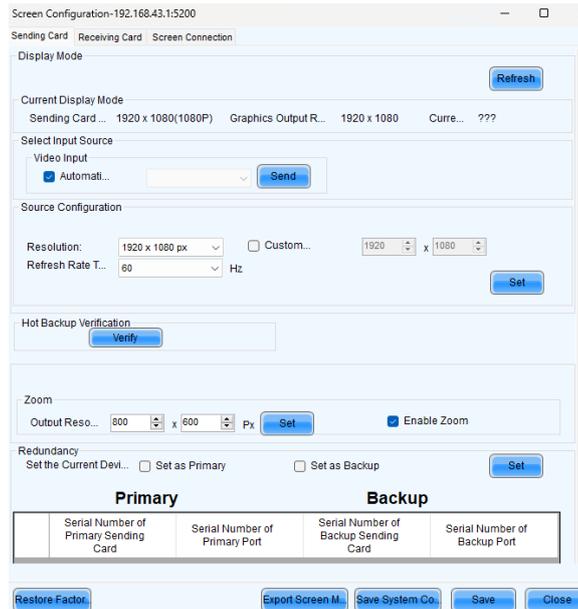
Step 5 Select "Modify the boot Logo", and the system will automatically recognize the bootlogo.jpg, and reboot after 5 seconds to complete the boot logo replacement.

### 7.7.3 Custom resolution

Step 1 Run the software and select "Login > Synchronized Advanced Login" to login to the advanced user interface.

Step 2 Click "Display Configuration" to enter the display configuration interface.

Step 3 Enter the custom resolution in the Output Resolution column of the Sending Card tab and click Set.



Display Configuration

## Step 9 Firmware upgrade

The steps for firmware upgrade of the sending card on software are as follows:

Step 1 Run the software and select "Login > Synchronized Advanced Login" to login to the advanced user interface.

Step 2 Enter the secret code "admin" to enter the program loading page.

Step 3 Click "Browse", select the program path and click "Update".