User Guide

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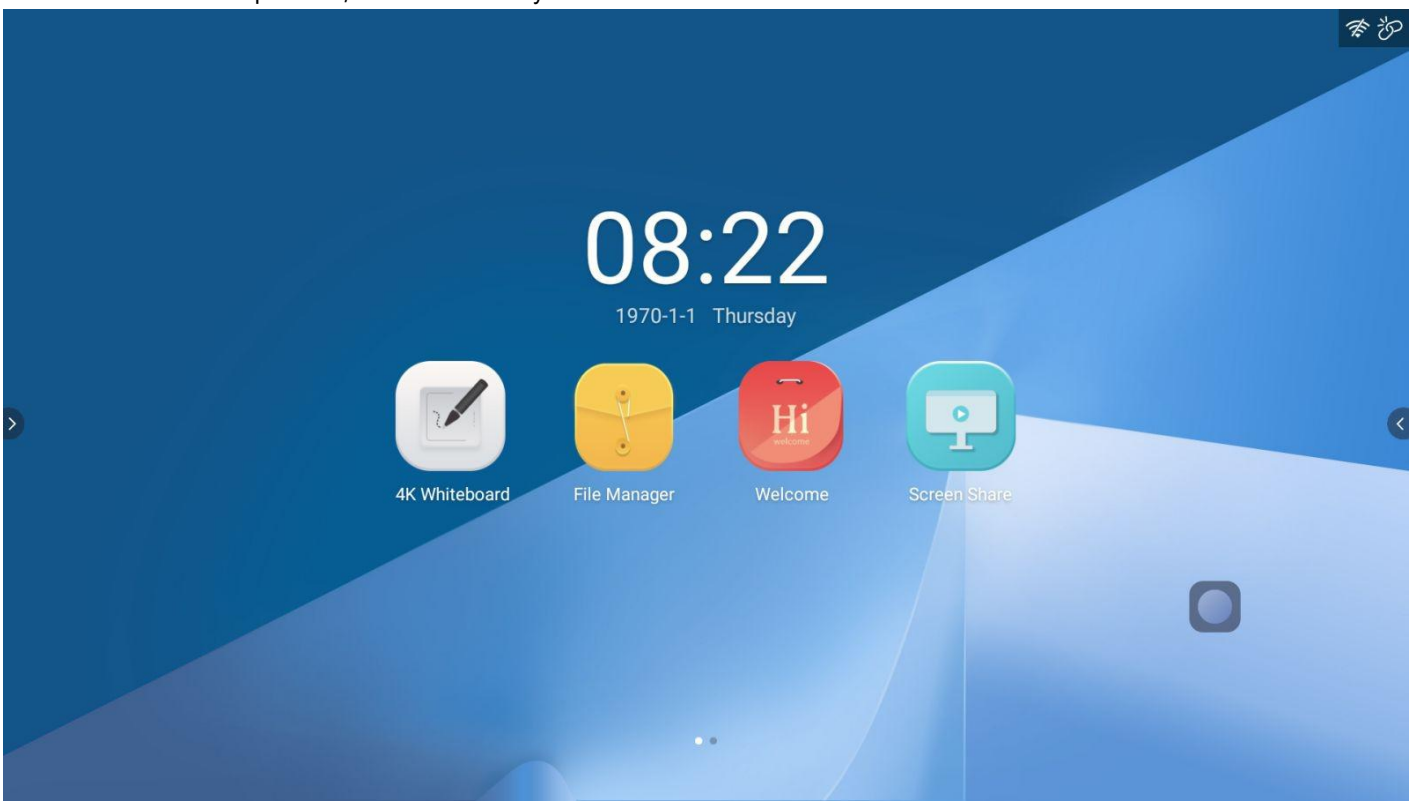
1. Launcher

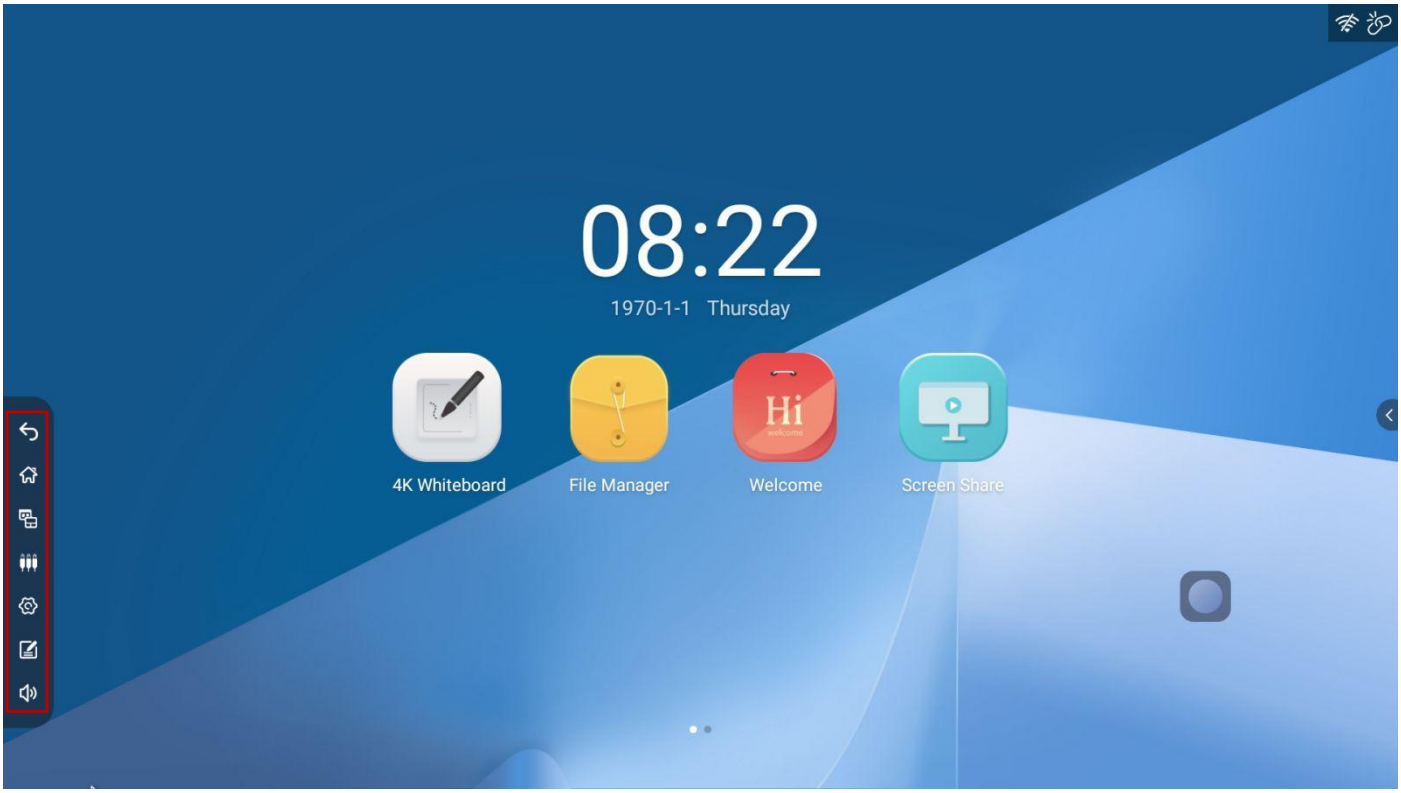
Power on the product，it will show the system launcher as default



2. Side bar tool

Fuction

Side bars are located at the right side and left side of the screen，click the icon (left side) and (right side), we can open the side bar tool，it will contain following function: Return 、 Home 、 Task Manager 、 Input Source 、 Note 、 Settings 。Click the screen, side bar will fold as the icon (left side) and (right side) .



2.1 Return

Click Return icon , it will return previous page or quit current application.

2.2 Home

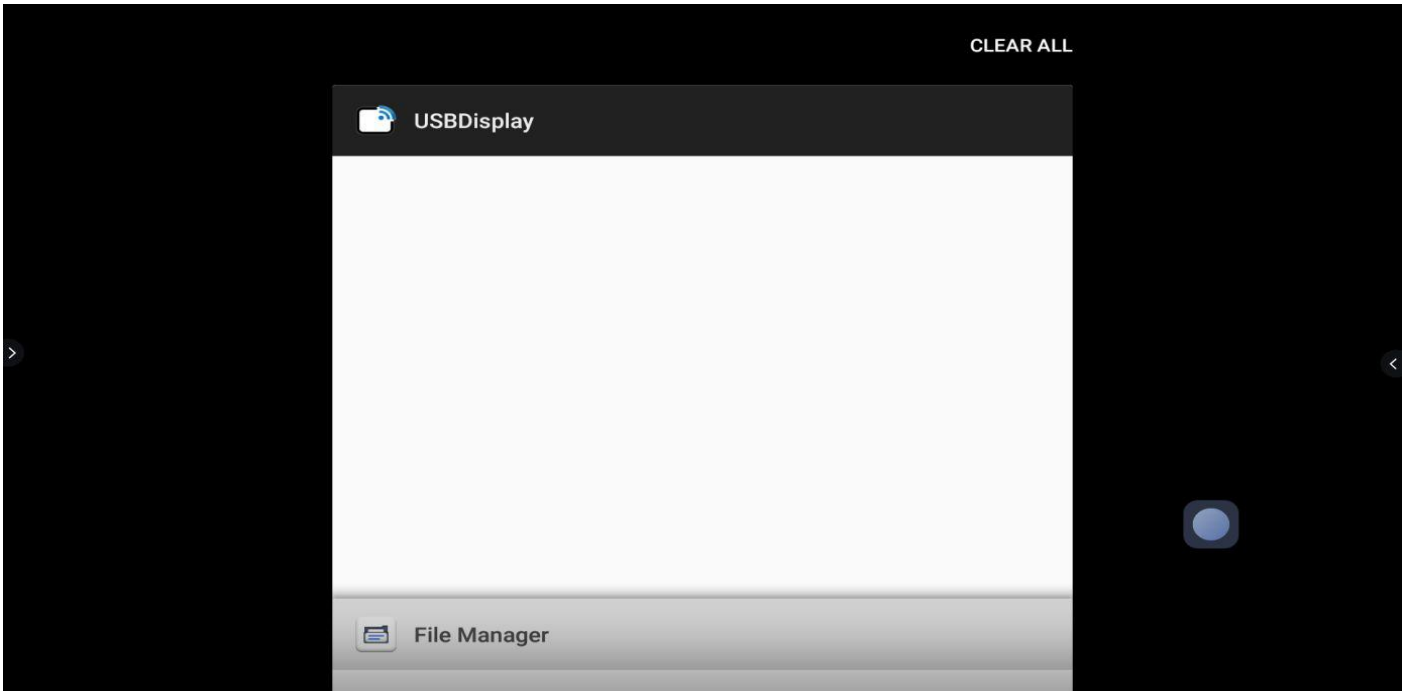
Click Home icon , it will go back to the system launcher。

2.3 Task Manager

(1) Click the Task Manager icon , it will open the task manager application, user can open a new application or close the running applications.

(2) In the task manger application, slide up/down the screen to view the running task or application list.

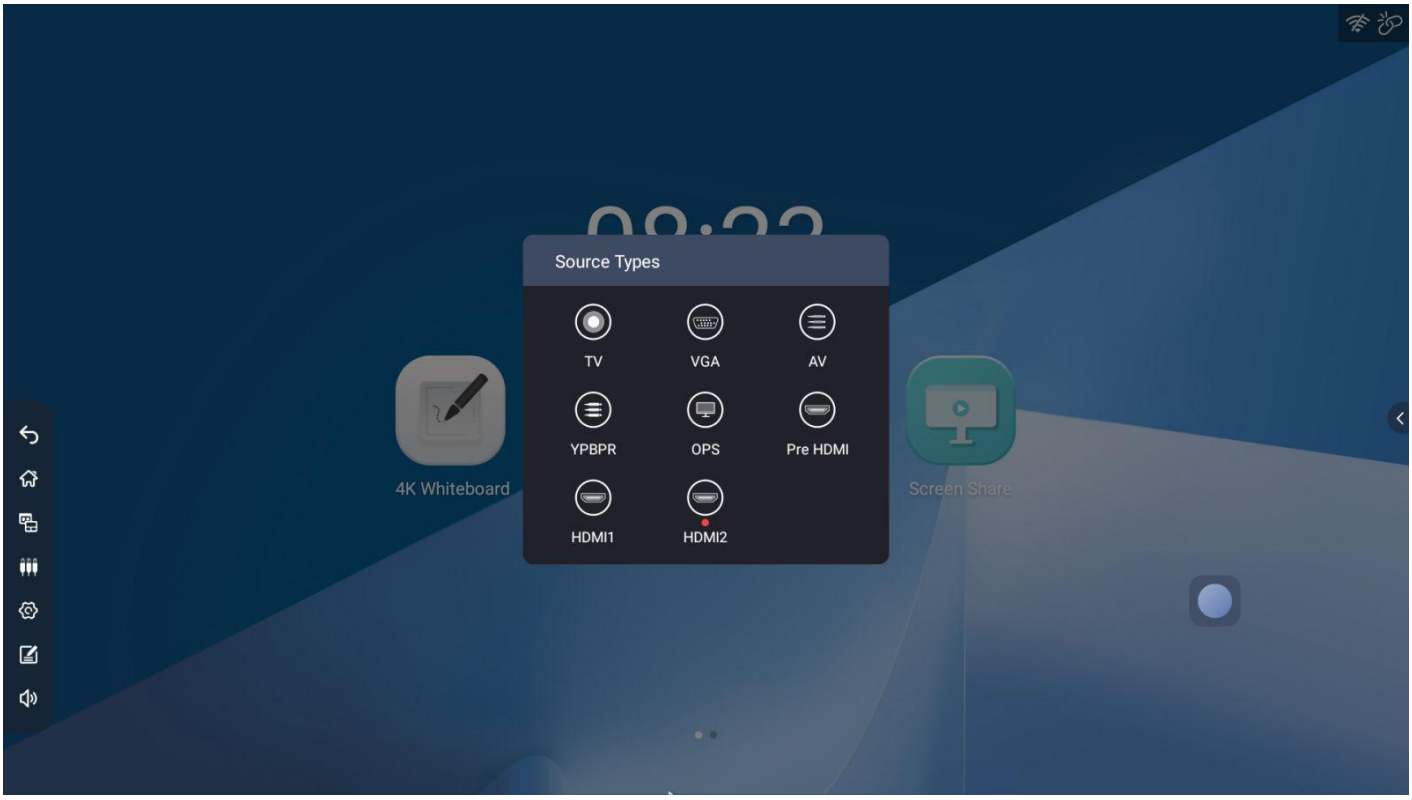
(3) Slide the task or application thumbnail left or right out of the list area to close the task or application.



2.4 Input Source

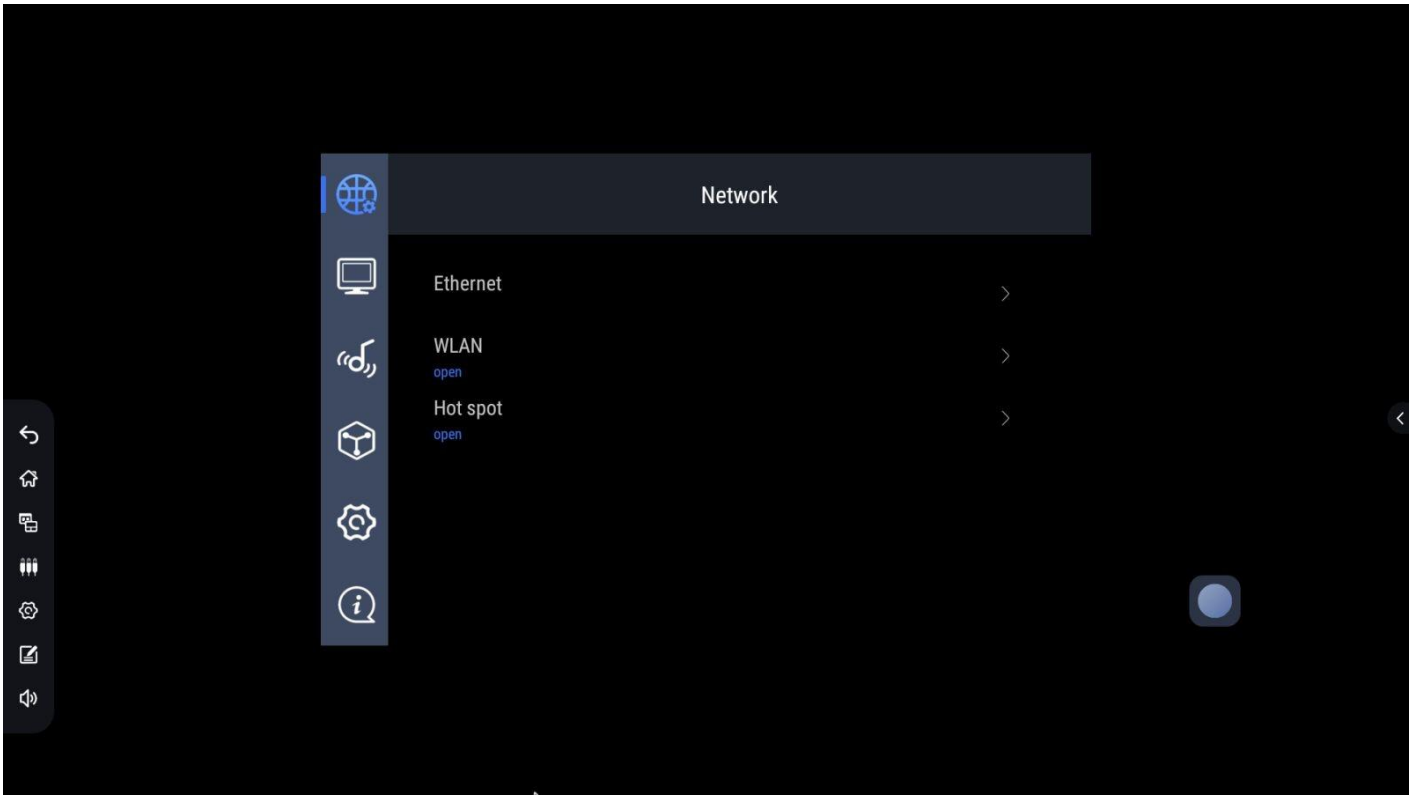
Click the Input Source icon , open the input source list page and click the source icon to open the selected input device. If no device connected, it will show “no signal” on the screen.

.



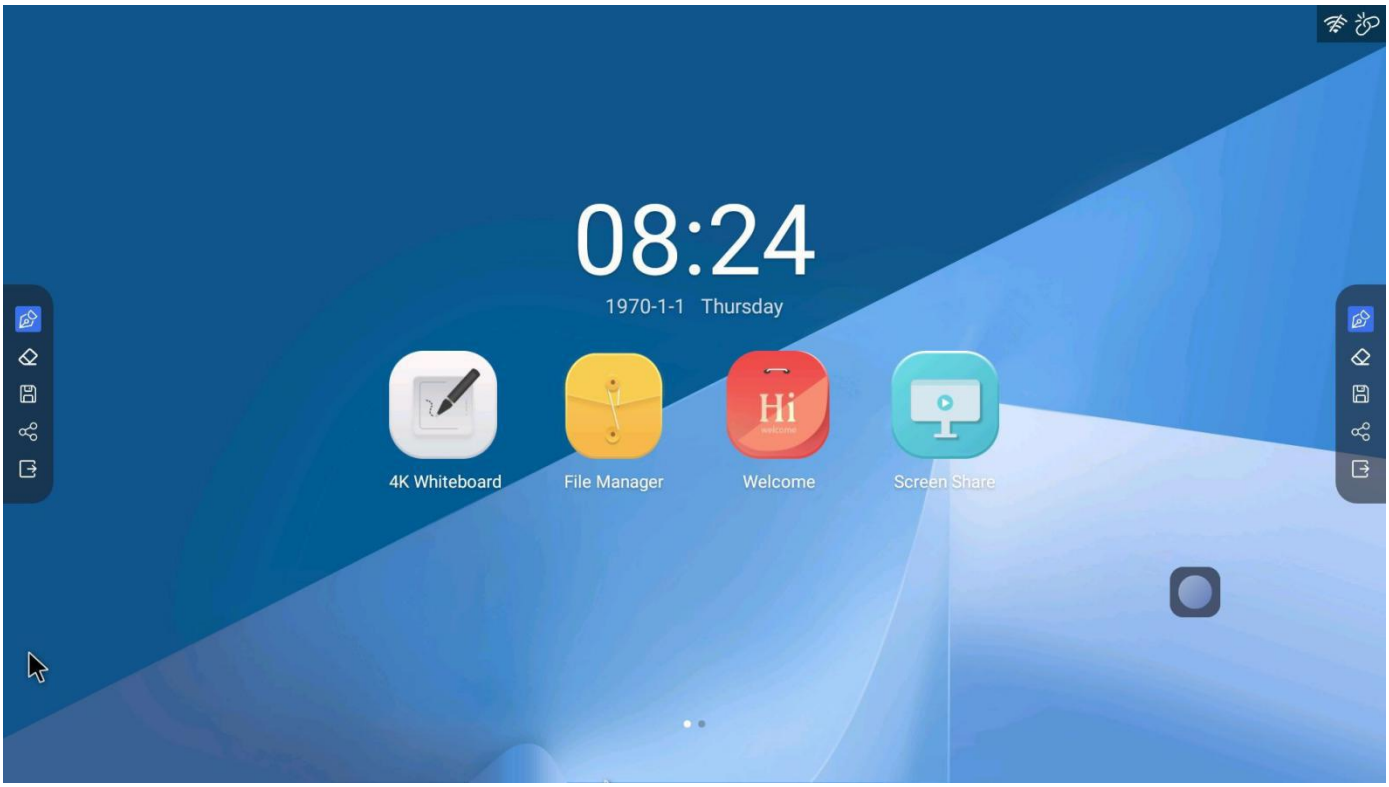
2.5 Setting menu

Click the Setting icon , it will open the setting menu as below:



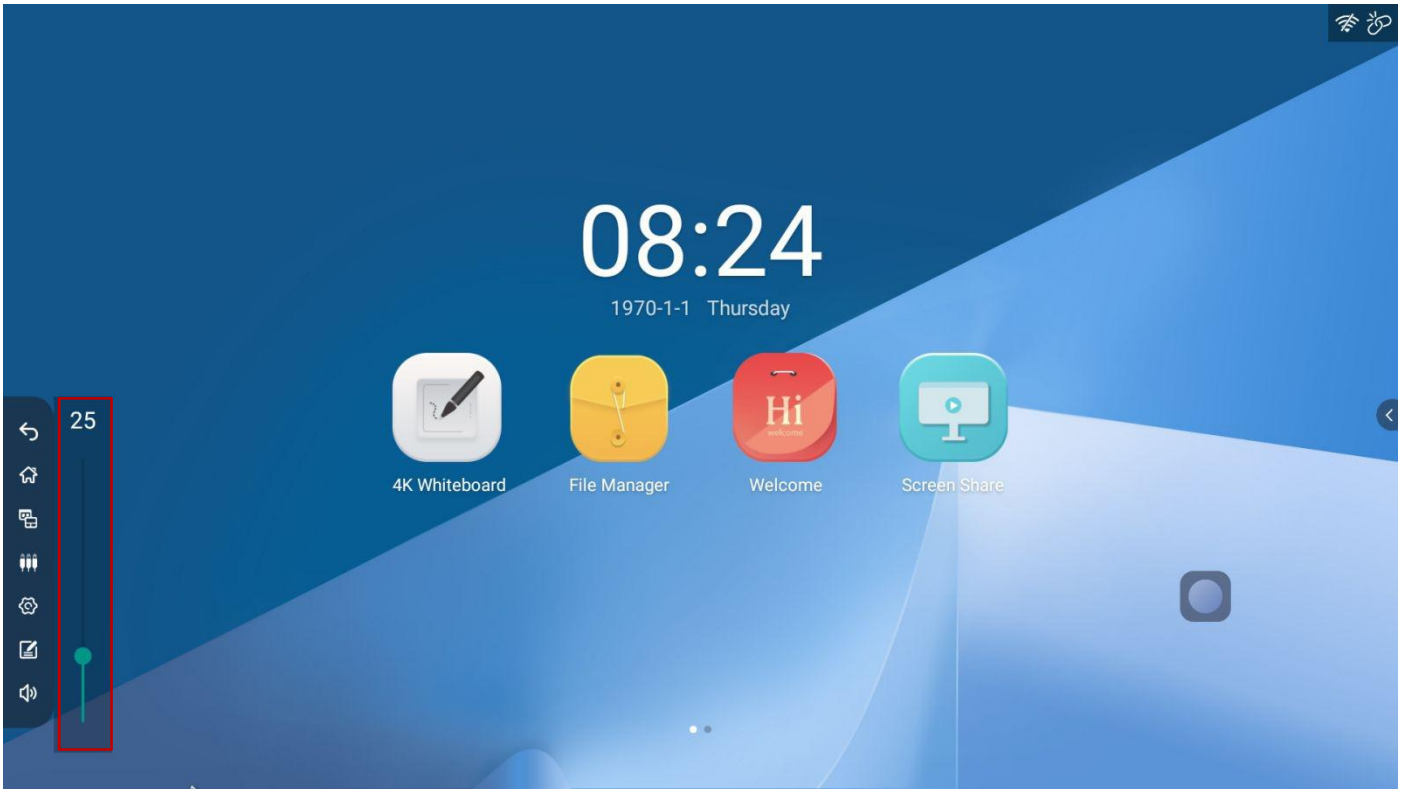
2.6 Note

Click the Note icon to start the Note application.



2.7 Volume

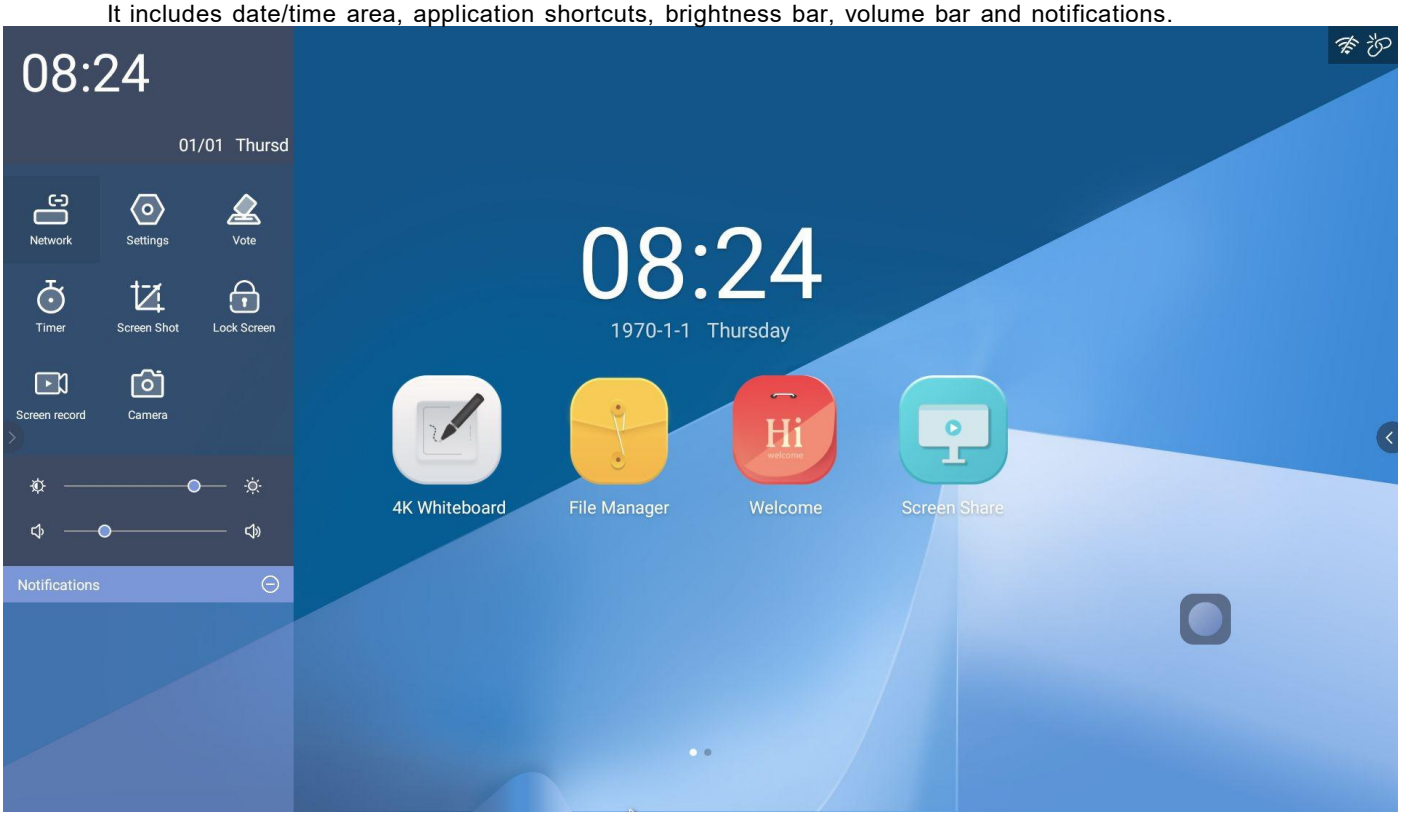
Click the icon and slide or click the volume bar to change the sound level.



3. Notification Panel

Slide from the left or right side of panel to the center to open the notification panel as below:

It includes date/time area, application shortcuts, brightness bar, volume bar and notifications.



3.1 Default Shoutcuts

- Network, Click icon

, start network settings. (See Section 4.1)
- Setting, Click icon

, start system settings (See Section 4)

- Vote, Click icon

, start Vote application.
- Timer, Click icon

, start countdown or stopwatch.
- Lock Screen, Click icon

, to lock the screen, and touch, keyboard and remote will be no response, except the unlock button on the screen.
- Screen shot, click icon

to shot the screen, we can shot any area of the screen, include full screen shot.
- Screen record, click icon

to start screen recording，the recording file will save to the internal storage automatically.
- Camera, click icon

to start the camera application (need USB camera connected or build-in camera module)

3.2 Brightness and Volume

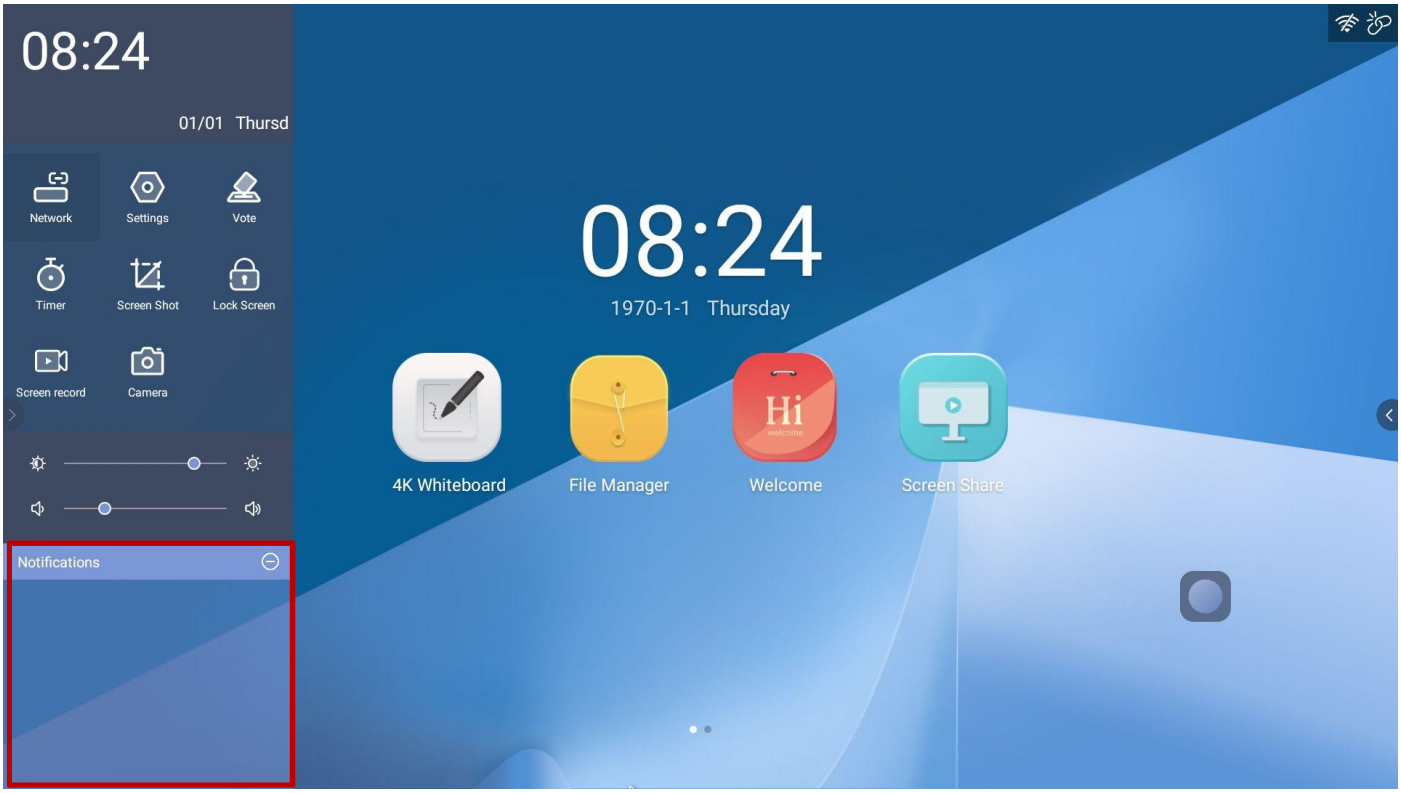
（1） Brightness: click or slide the brightness bar to change the screen brightness.

（2） Volume: click or slide the volume bar to change the sound level.

3.3 Notifications

Notification area will show the system or installed apps notice.

- Click the notice to check the details
- Slide the notice to delete
- Click icon to clear all the notice

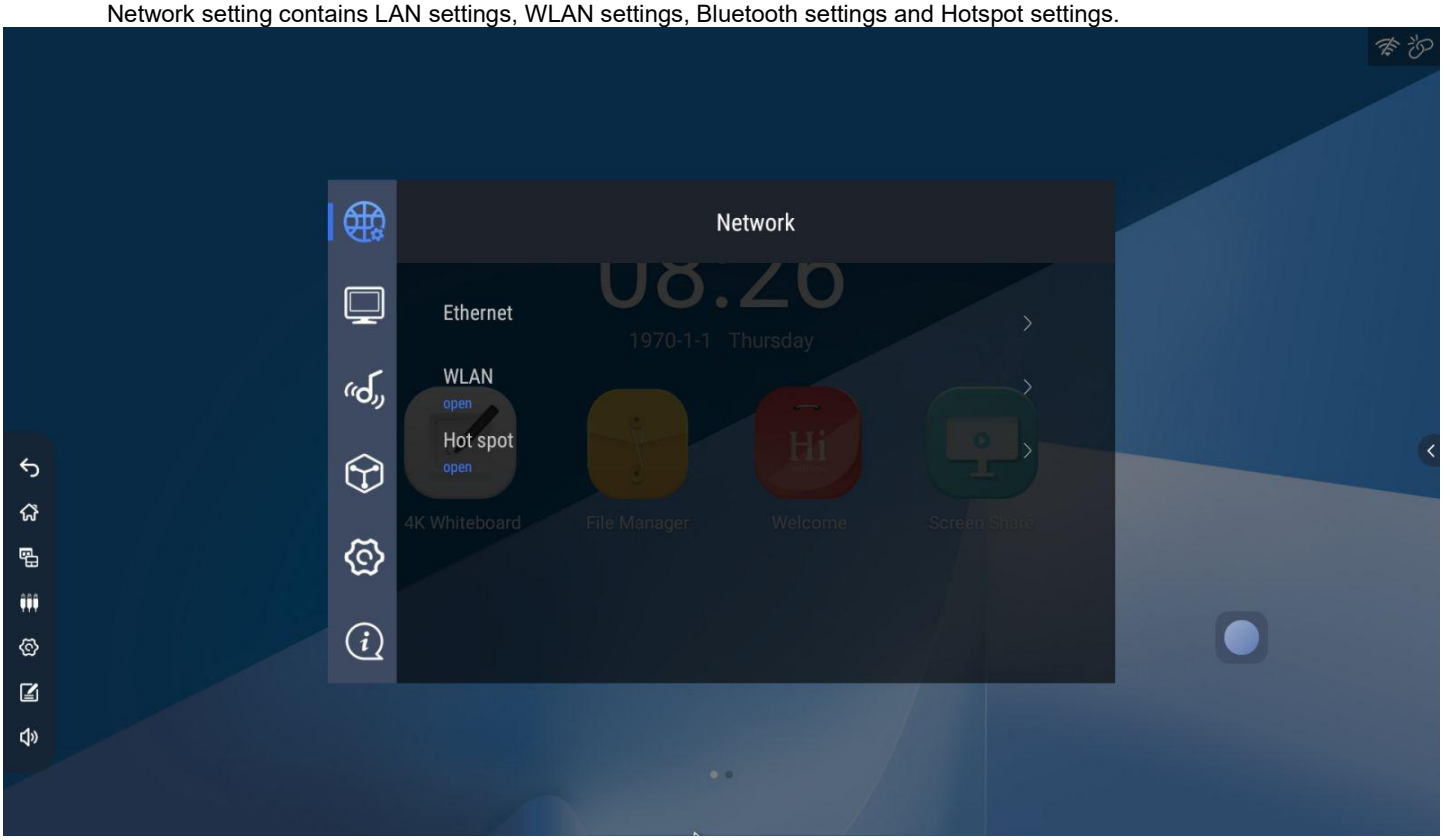


4. Settings

Setting menu include network settings、display settings、sound settings、applications manager、other settings and system information.

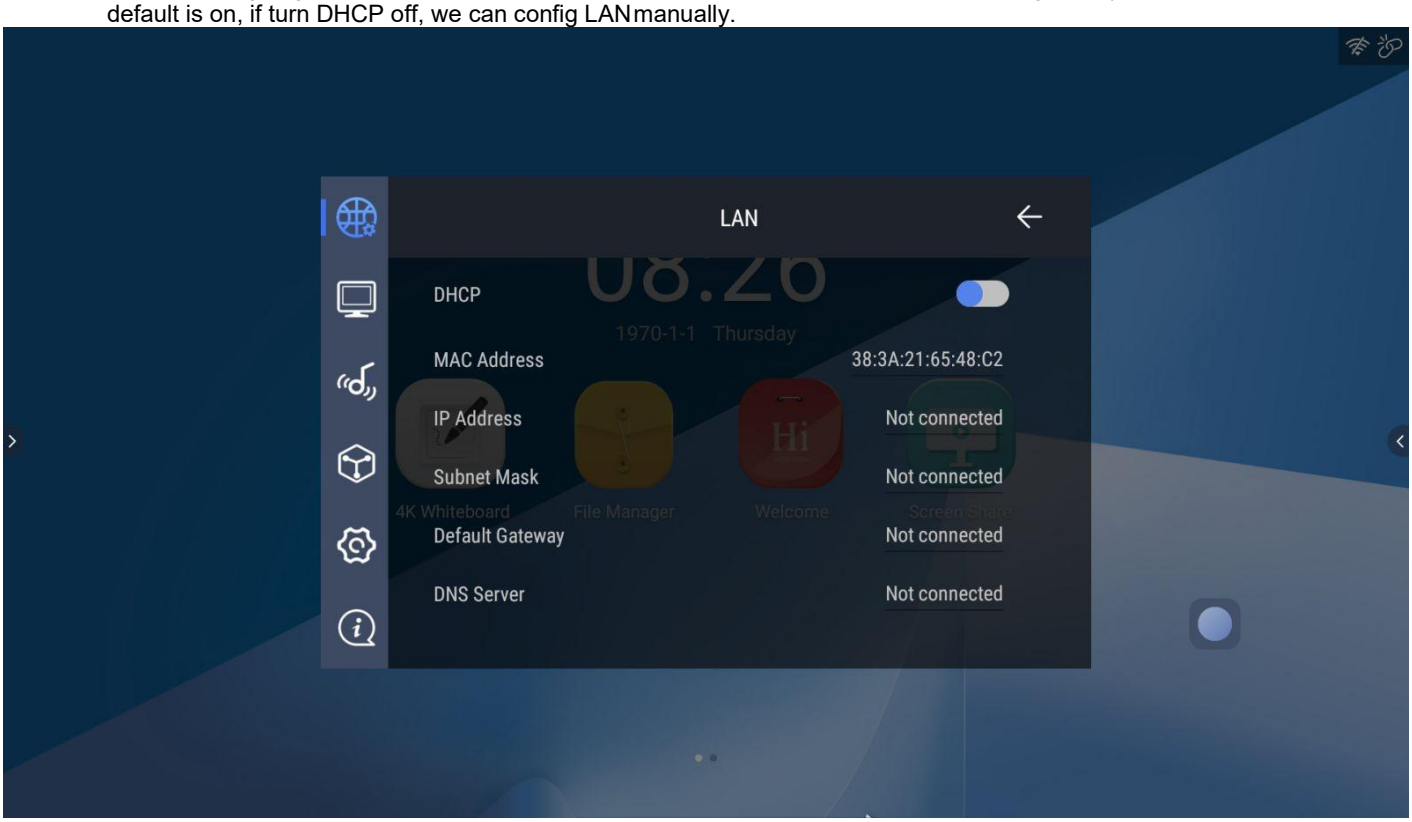
4. 1 Network

Network setting contains LAN settings, WLAN settings, Bluetooth settings and Hotspot settings.



4. 1. 1 LAN Settings

In LAN Setting page, we can check the LAN MAC, IP address, Subnet mask and default gateway and DNS server. DHCP default is on, if turn DHCP off, we can config LAN manually.

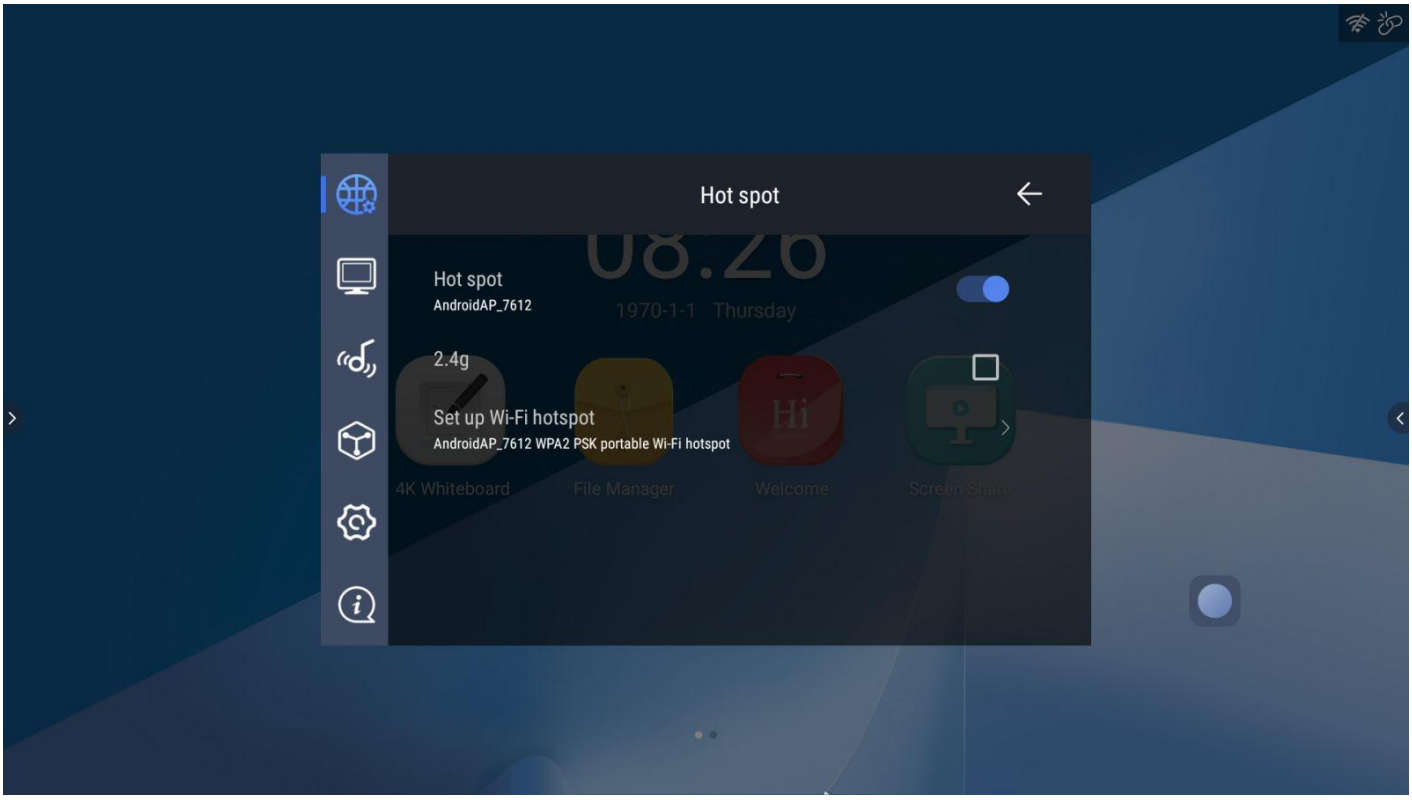


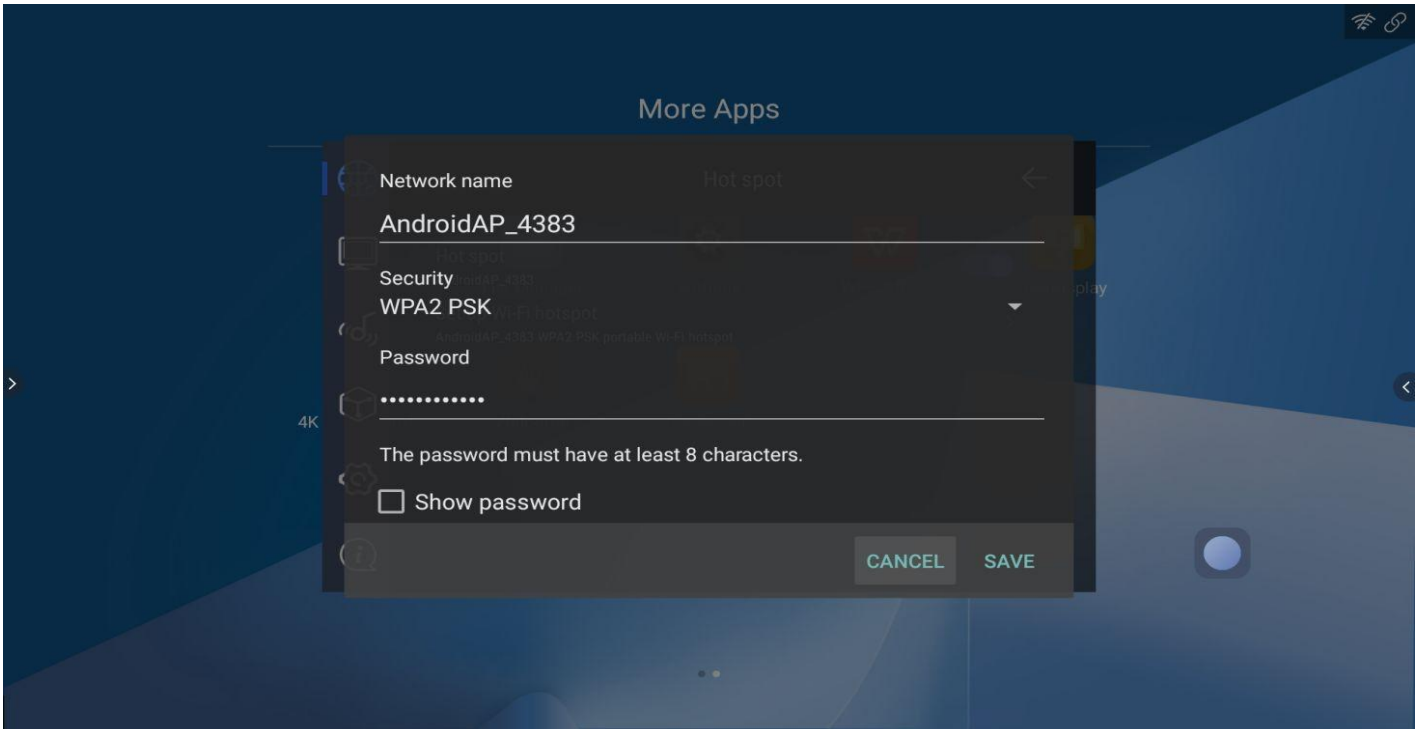
4. 1. 2 WLAN

Turn on the WLAN, it will show the available wireless networks, click any of them to connect.

4. 1. 3 Hotspot (Screen share)

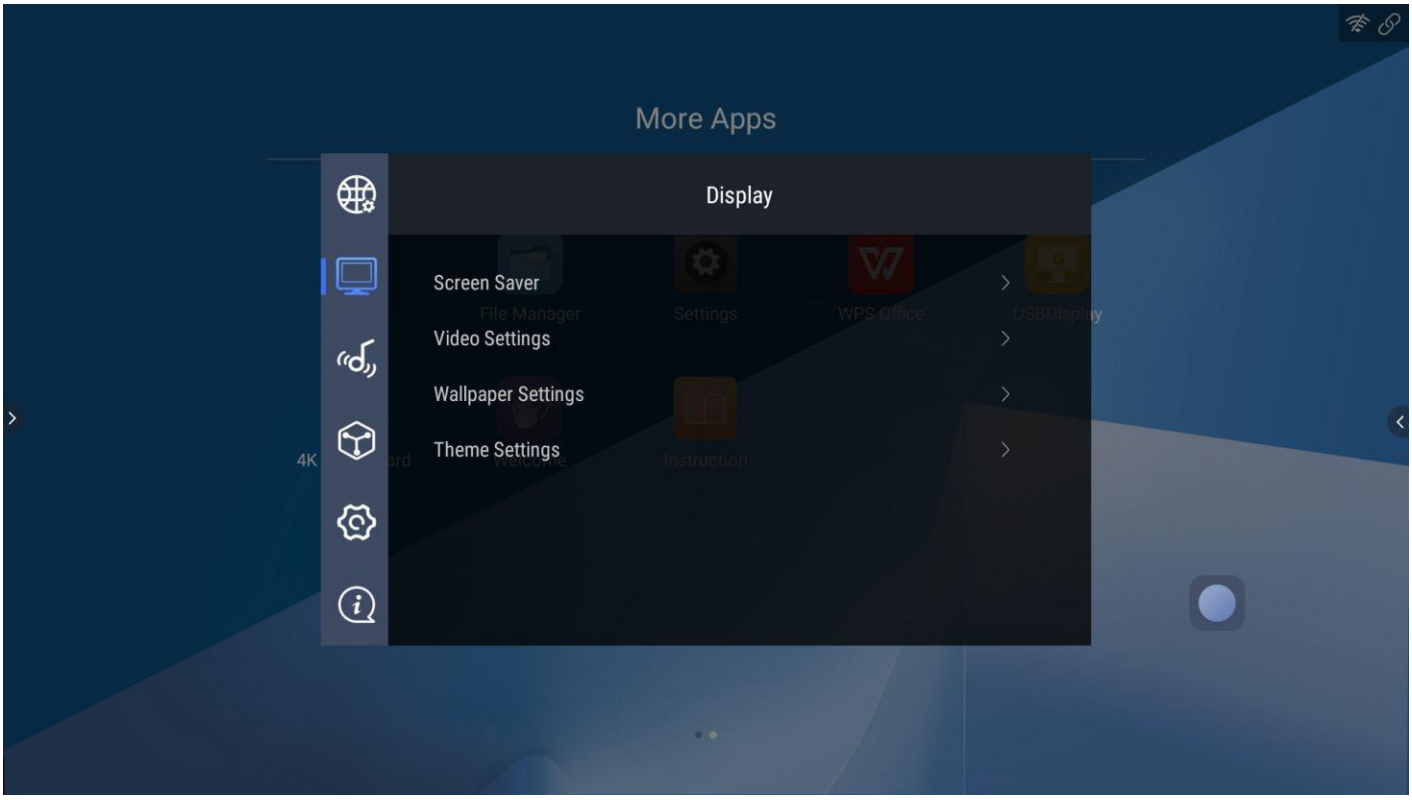
In Wi-F hotspot page, we can change the hotspot name, security and password.





4. 2 Display

Display setting contains screen saver settings, video settings, wallpaper and theme settings.



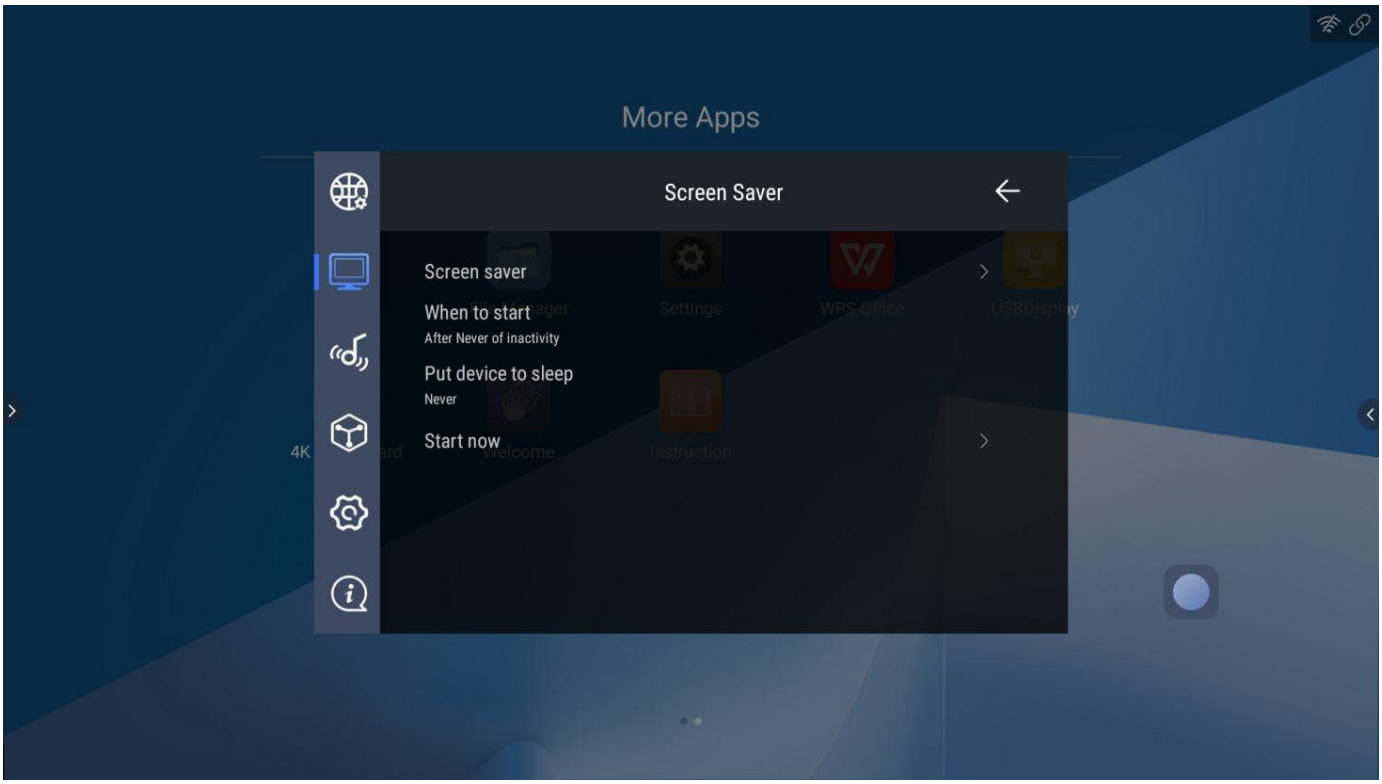
4. 2. 1 Screen saver settings

Screen saver: change screen saver pattern.

When to start: how long time without any operation, the system will show screen saver pattern.

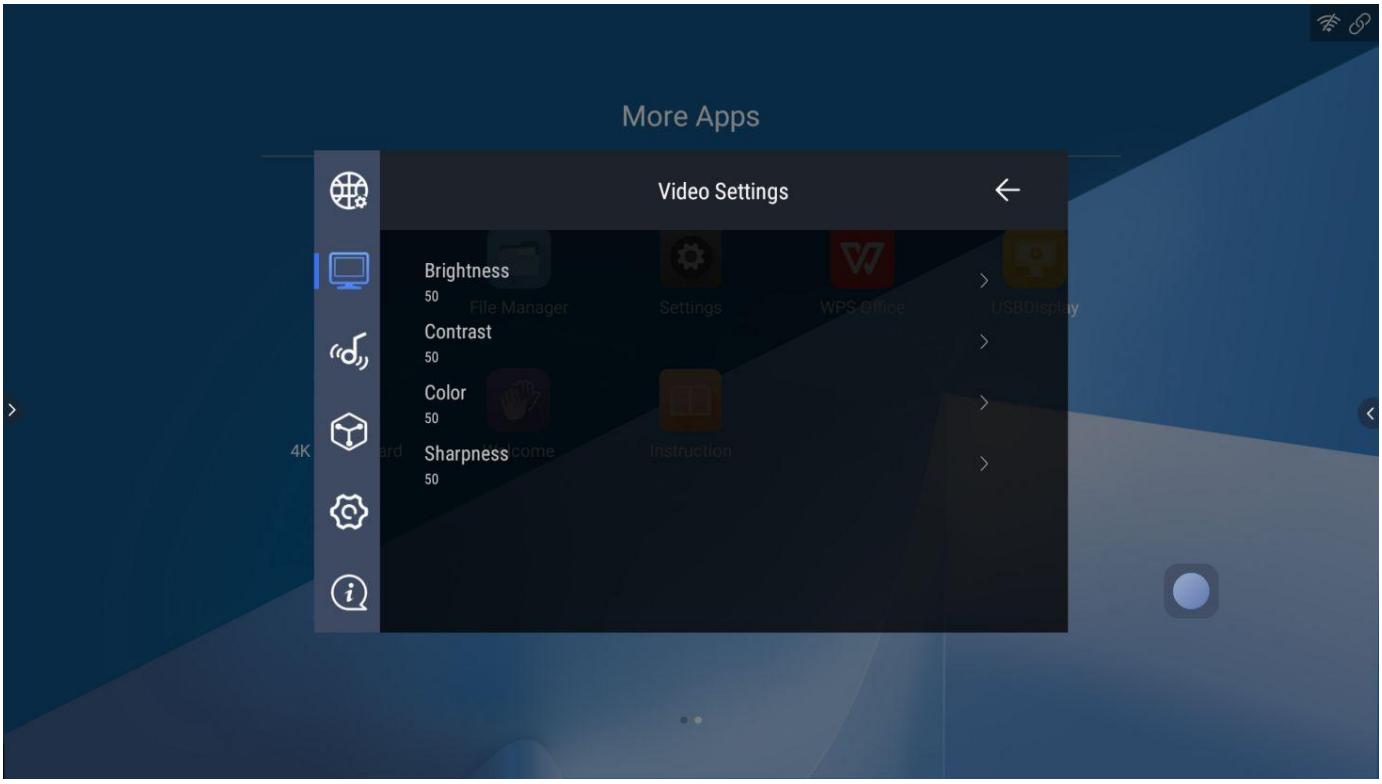
Put device to sleep: how long time without an operation, the system will go into sleep mode.

Start now: preview the screen saver pattern



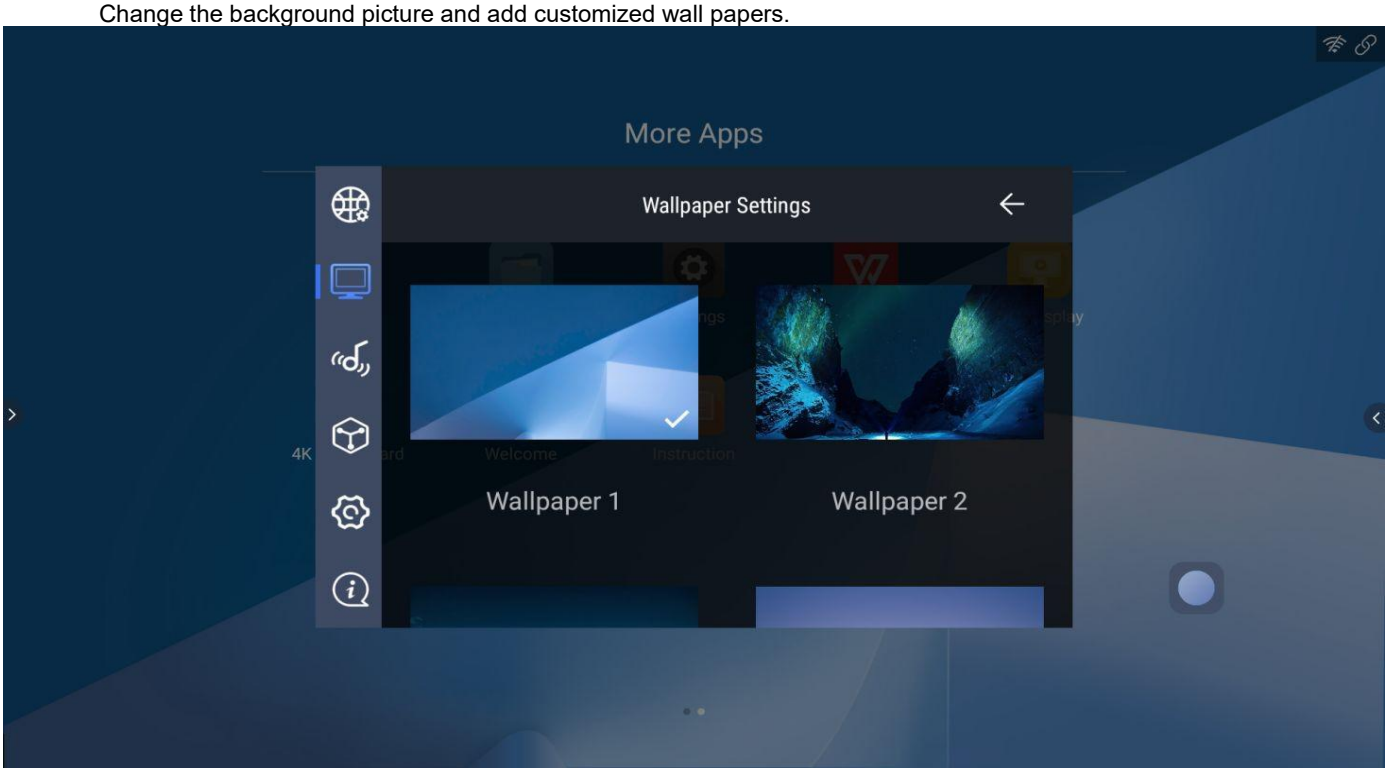
4. 2. 2 Video settings

Video settings page contains brightness, contrast, color, sharpness setting.



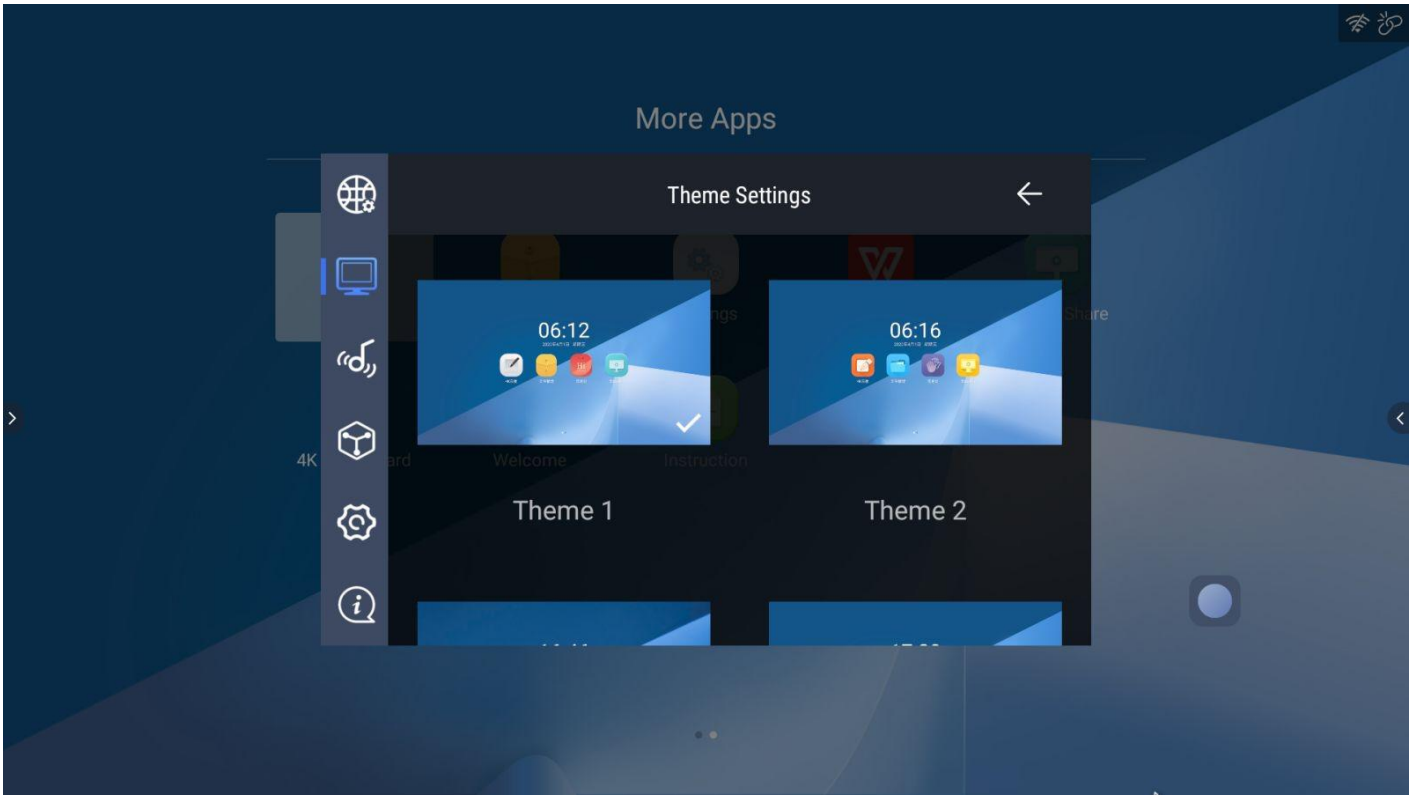
4. 2. 3 Wallpaper

Change the background picture and add customized wall papers.



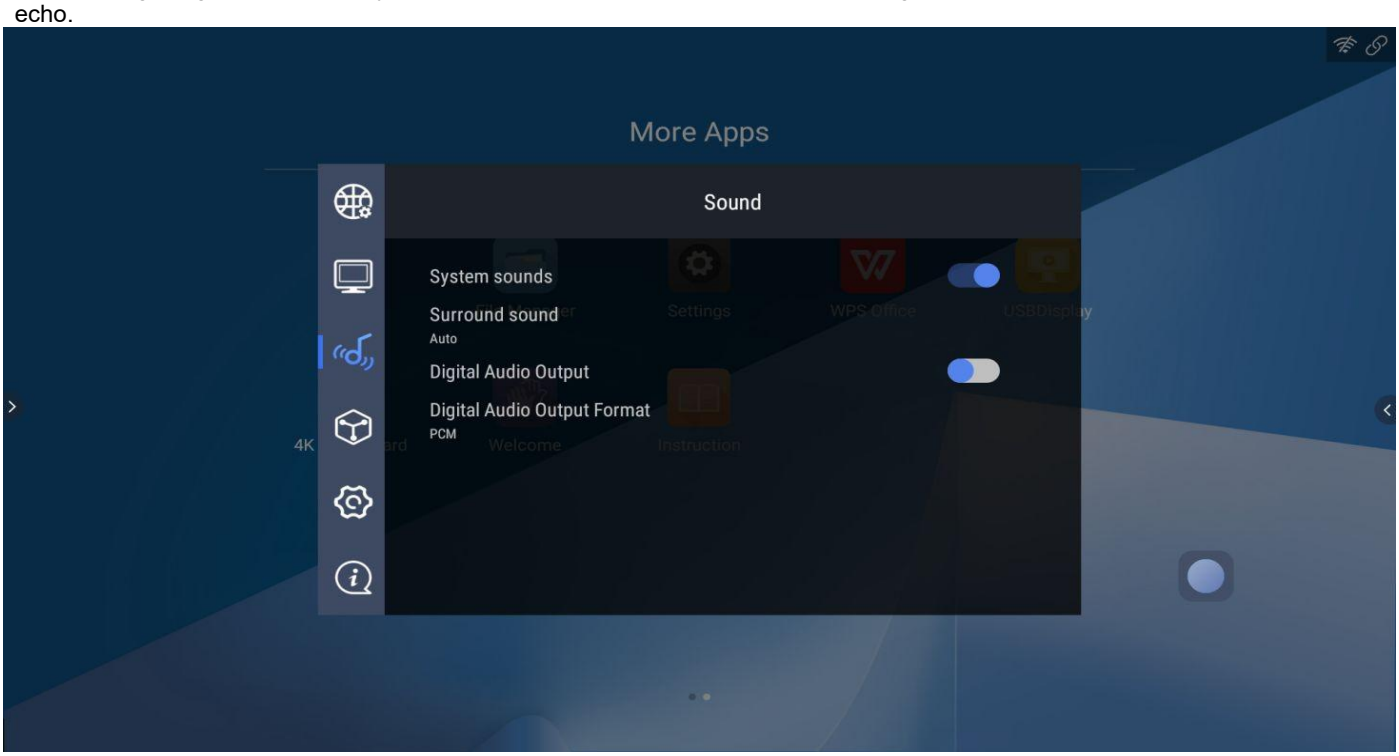
4. 2. 4 Theme settings

Change the overall interface style, like the wall papers, application icons, colors and fonts。



4. 3 Sound

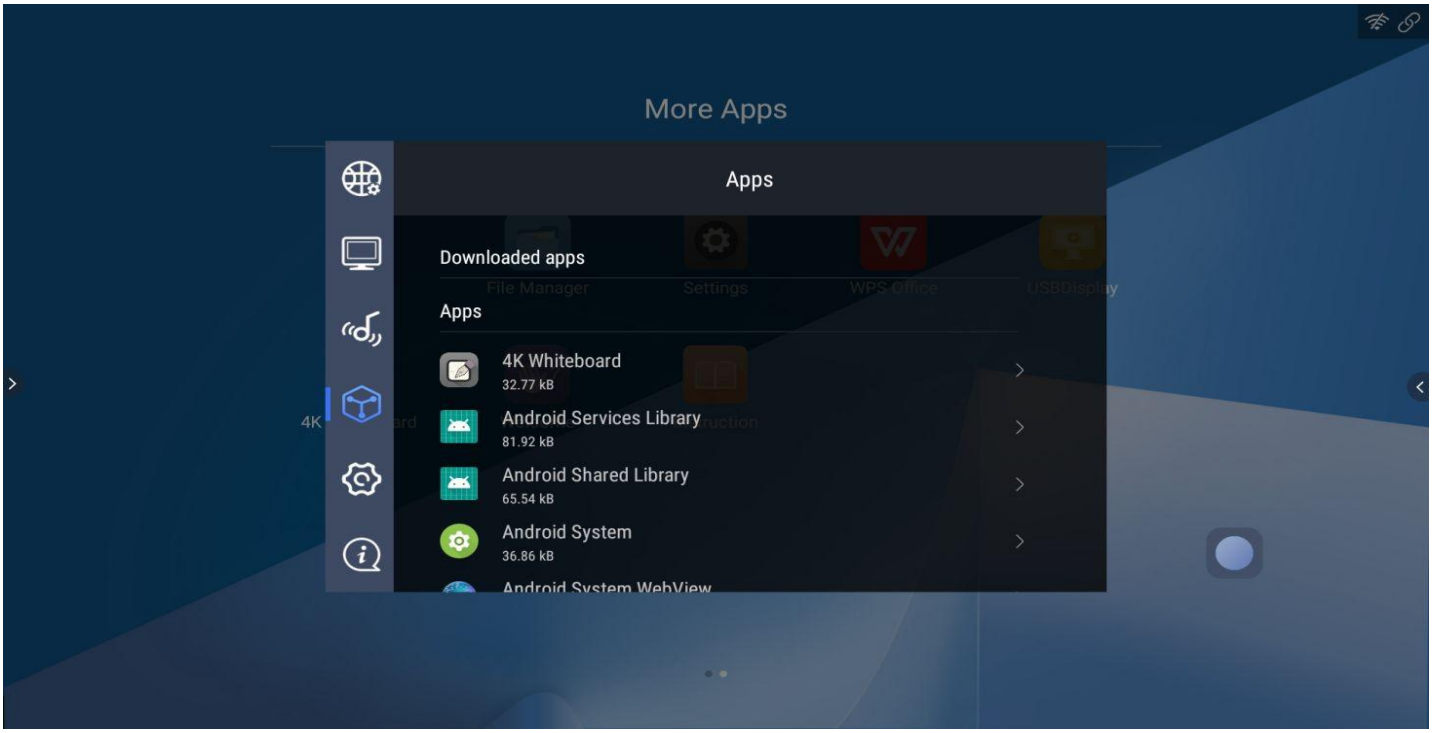
Sound settings page contains the system sound on/off, surround sound on/off and digitial audio out on/off, Mic volume and Mic echo.



4. 4 Application Manager

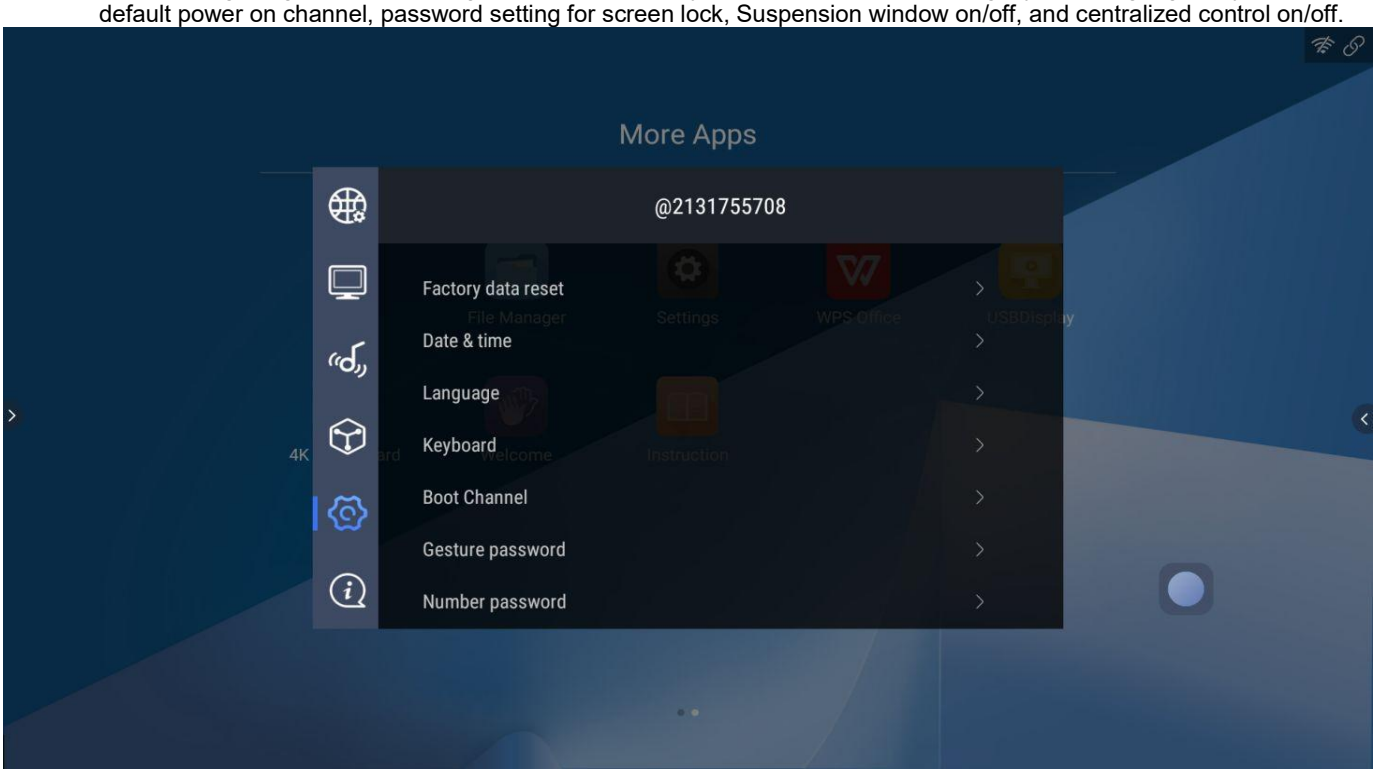
Application manager page contains application authority management, system applications list and installed application list.

Click installed applications to show the application information. Click the uninstall to uninstall the application.



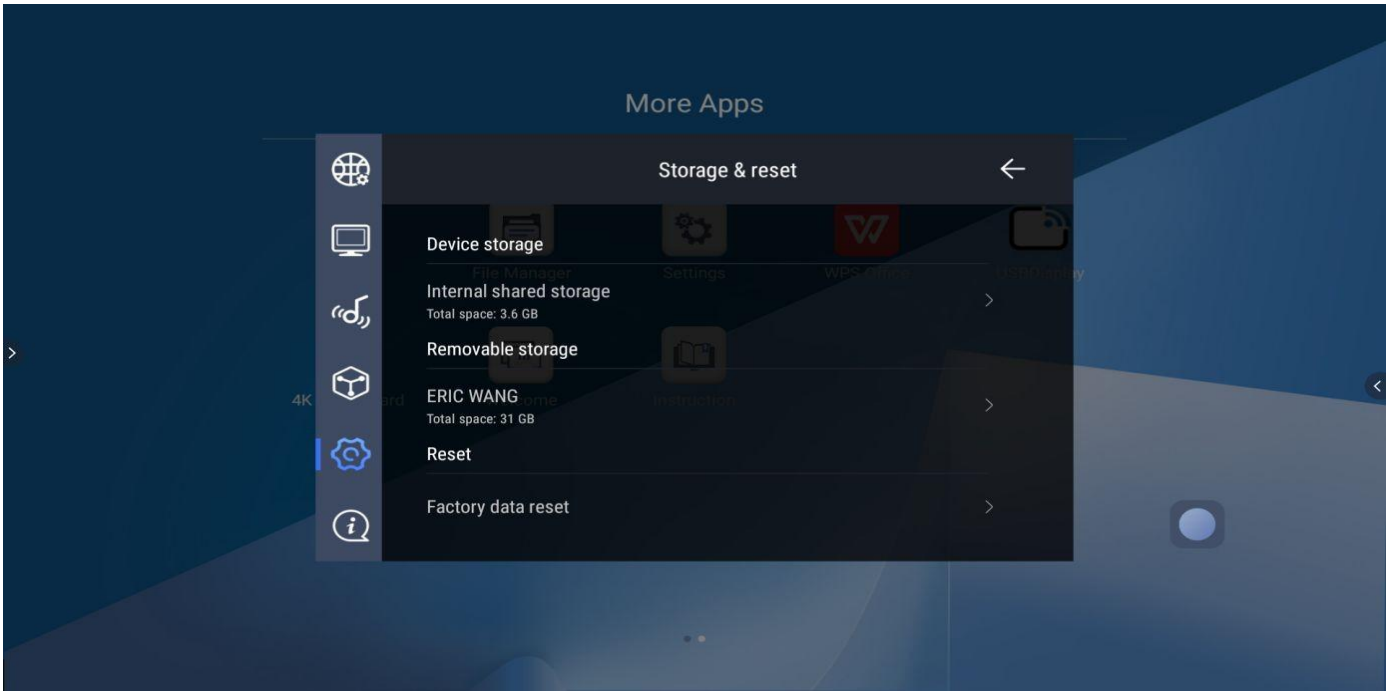
4. 5 Other Settings

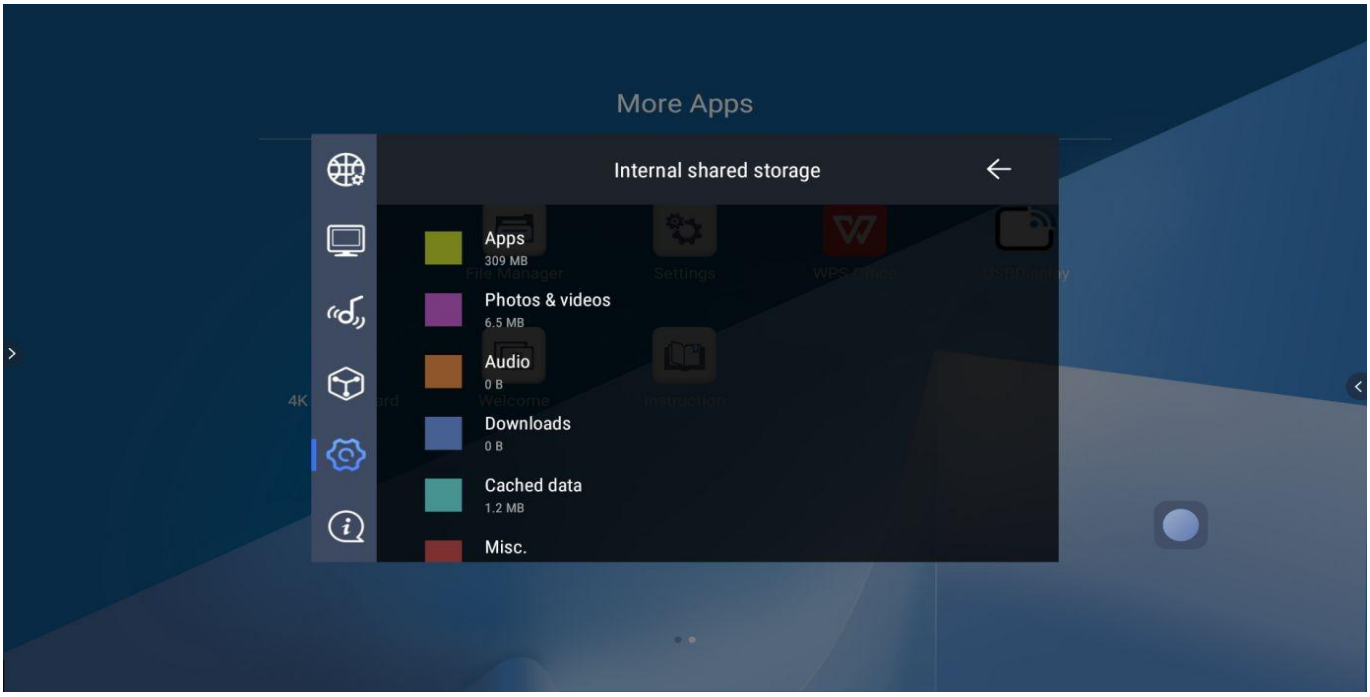
Other settings page contains storage information, factory reset, date and time setting, system language, keyboard, and default power on channel, password setting for screen lock, Suspension window on/off, and centralized control on/off.



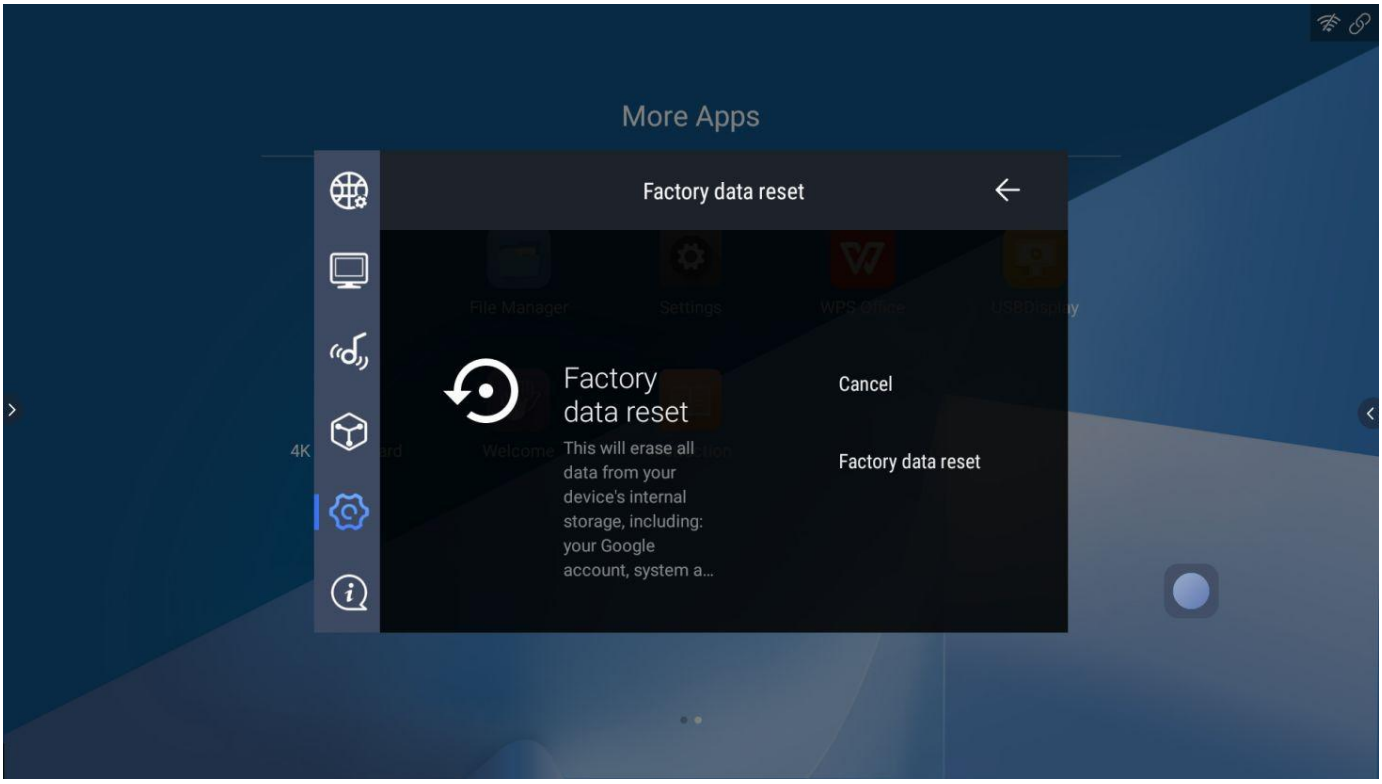
4. 5. 1 Storage and factory reset

Storage page shows the internal storage usage.



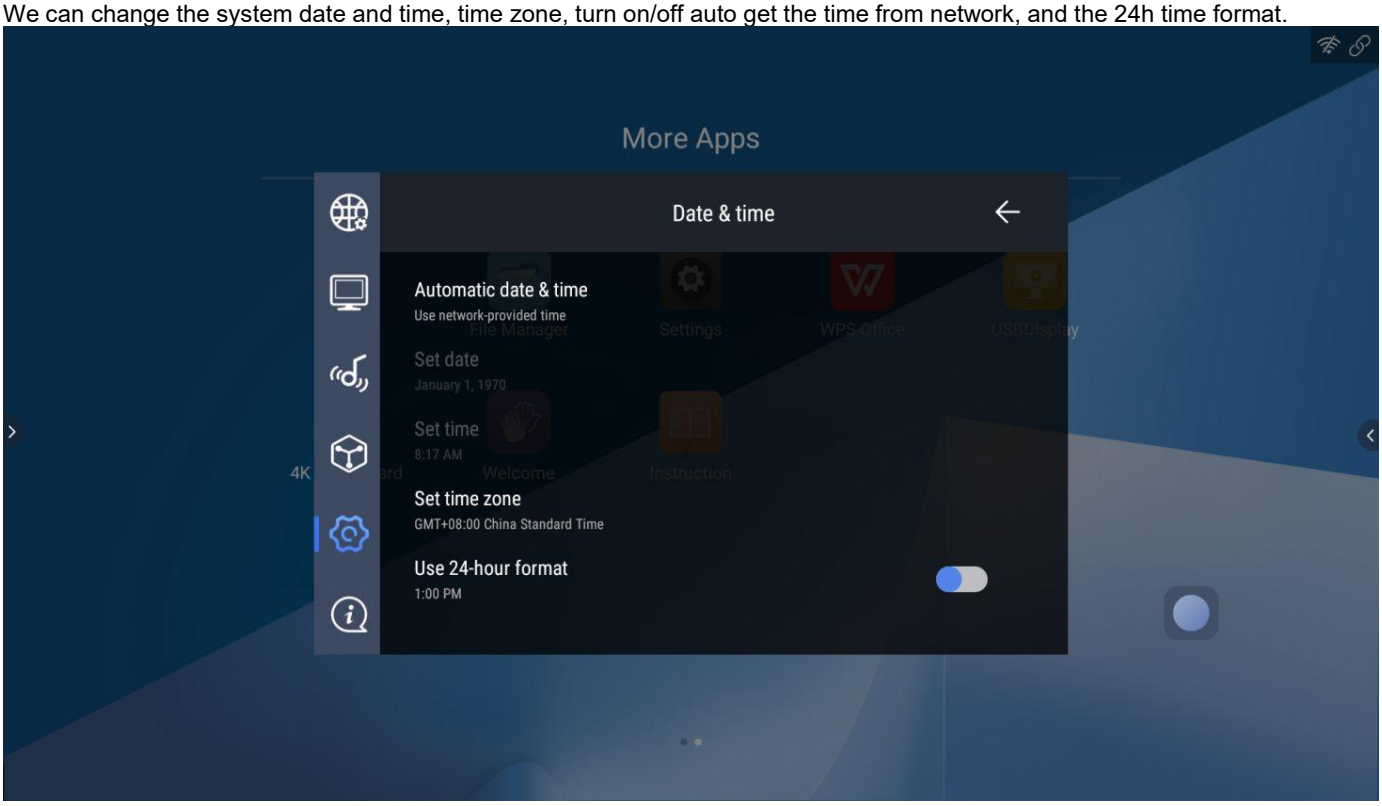


Factory reset to clear all the user information and data, include applications and storage.



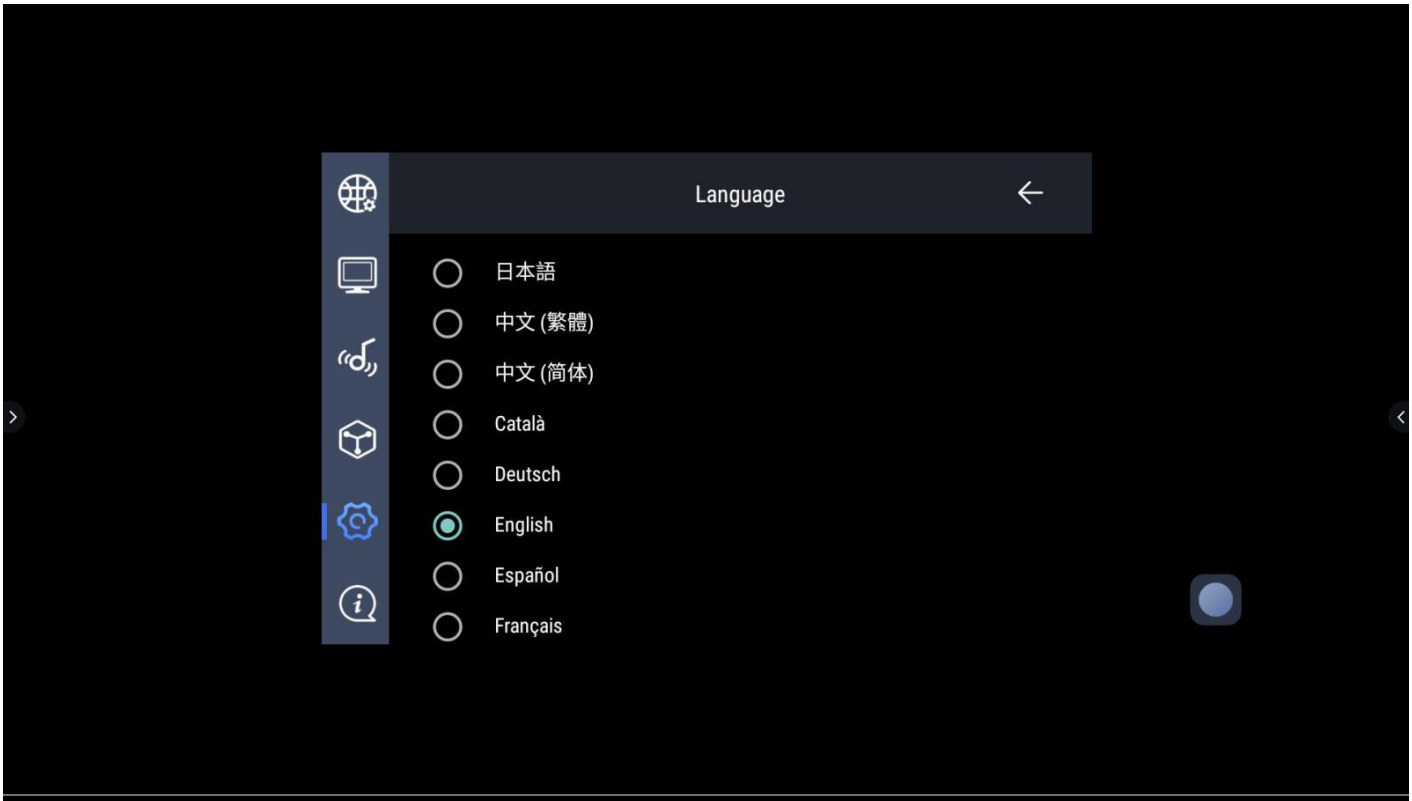
4. 5. 2 Date and time

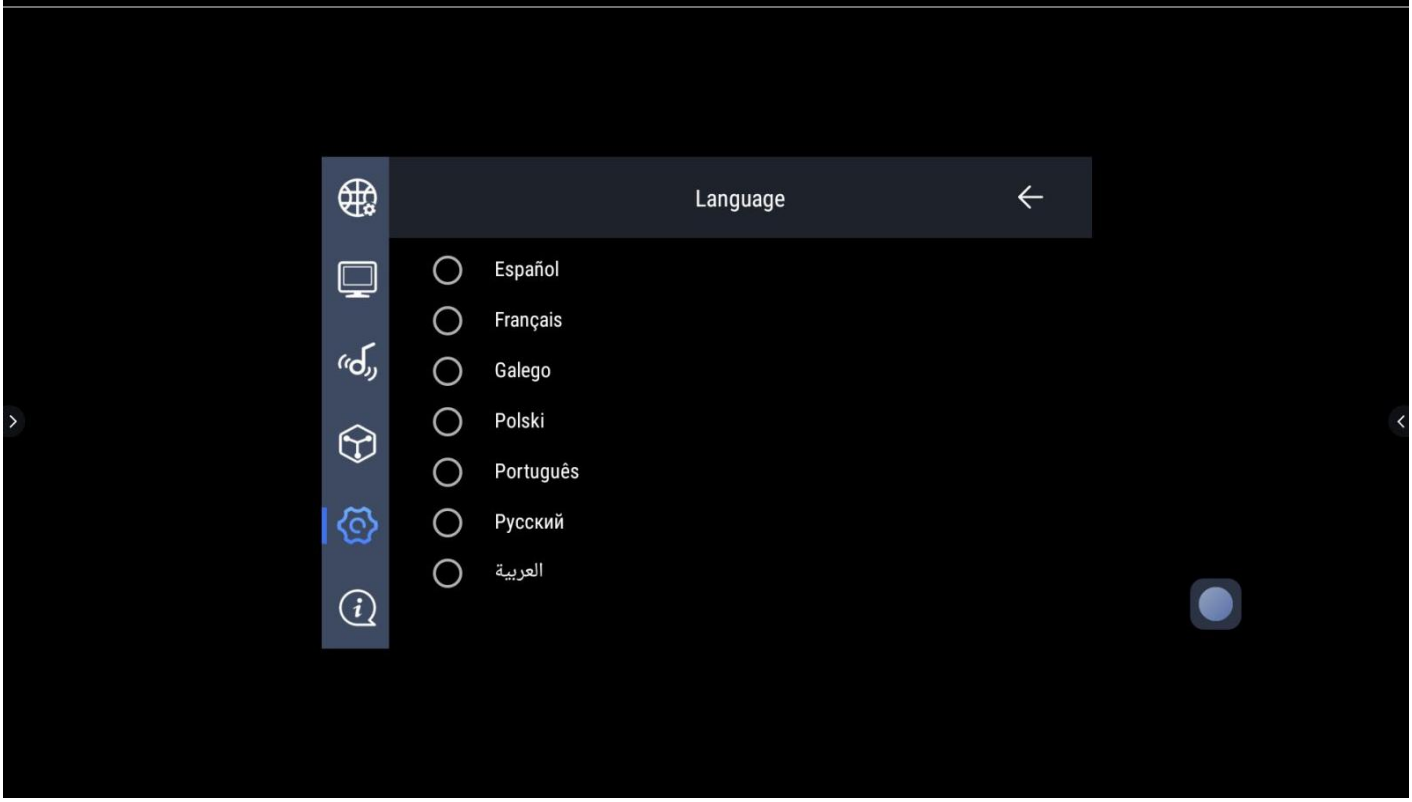
We can change the system date and time, time zone, turn on/off auto get the time from network, and the 24h time format.



4. 5. 3 Language

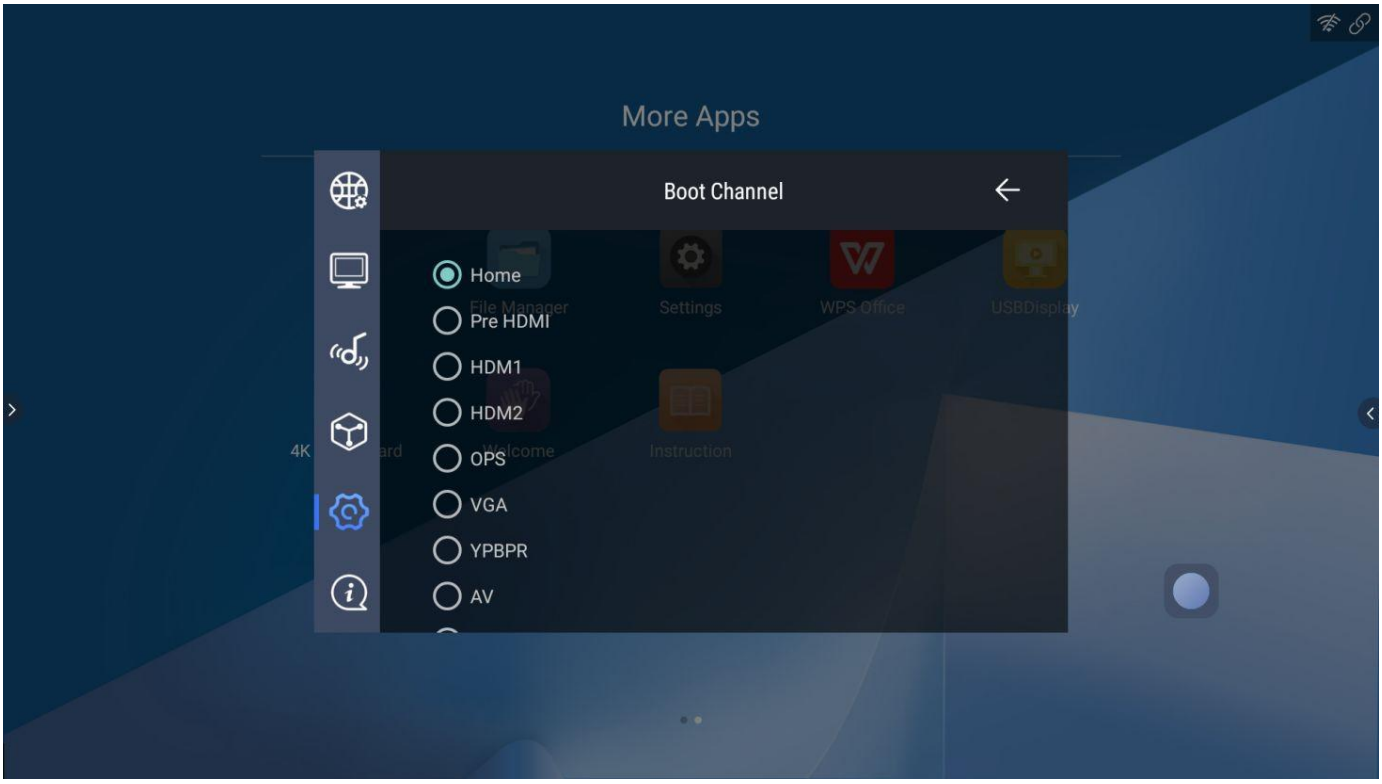
Language is to set system language, this device supports English, Traditional Chinese and Simplified Chinese languages.





4. 5. 4 Boot Channel

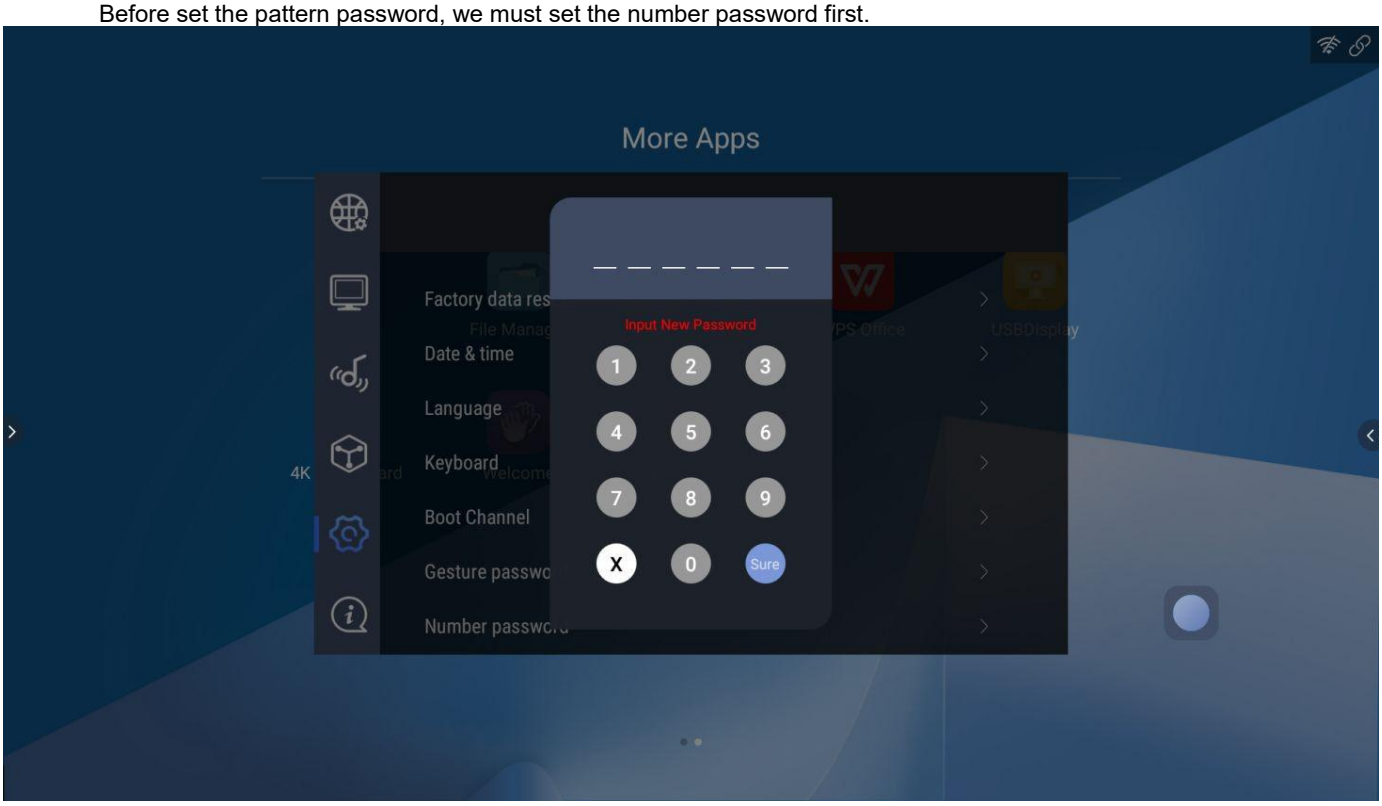
The default boot channel is system launcher, we can change it to HDMI, Video, Component, Internal OPS. For example: set the boot channel to Front HDMI, when the device started, it will go in to Front HDMI input automatically.

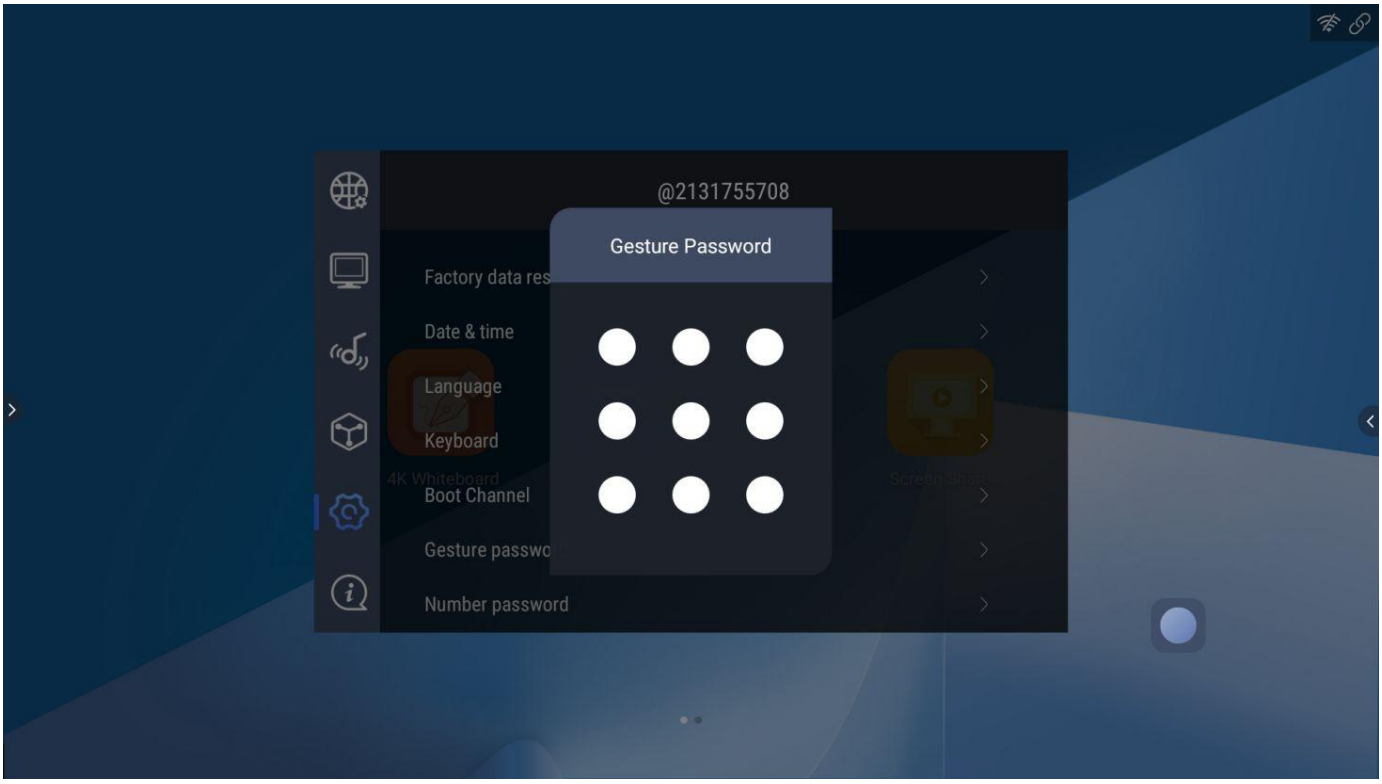


4. 5. 5 Password

This device support 2 kinds of password, pattern password and number password. These pass word is for unlocking the screen. Both kinds of password need to input twice to ensure the consistency.

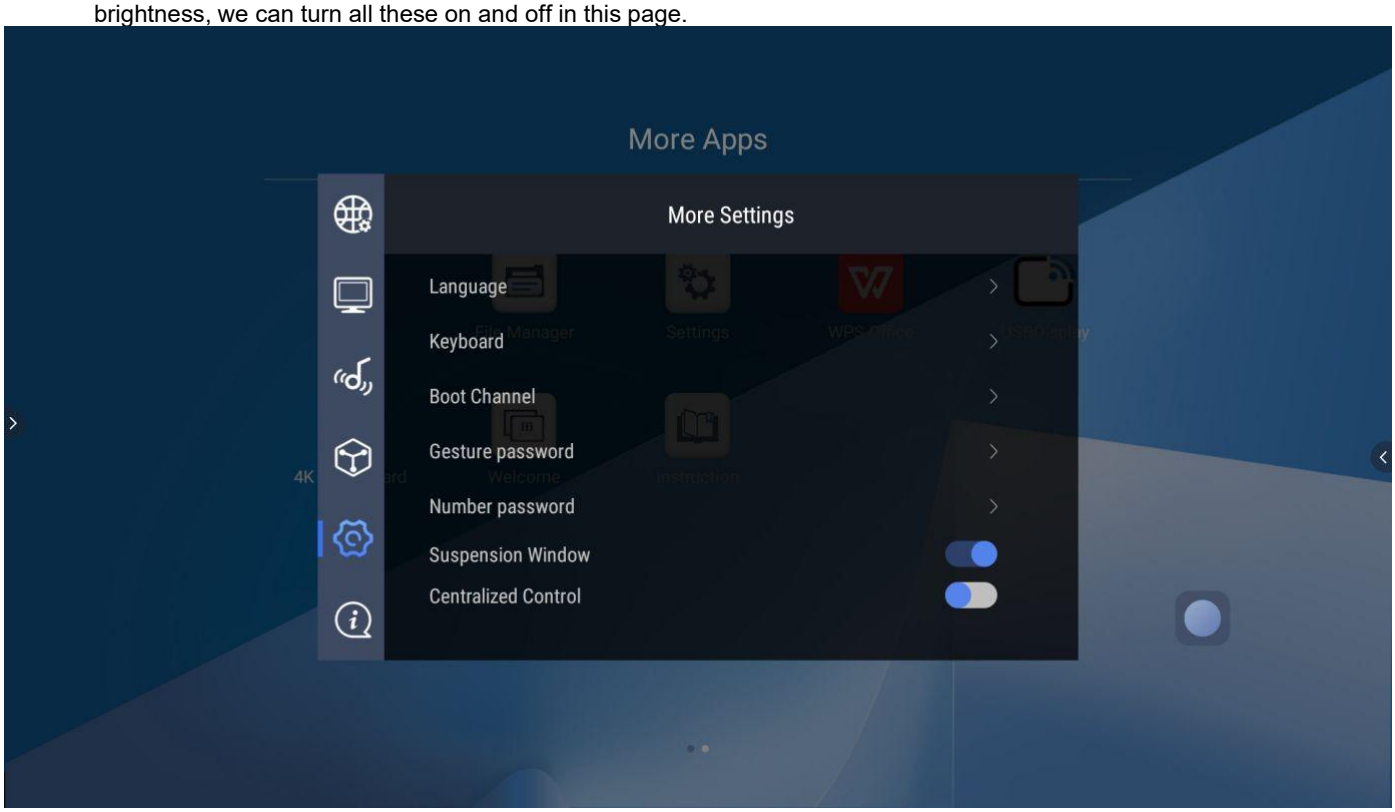
Before set the pattern password, we must set the number password first.





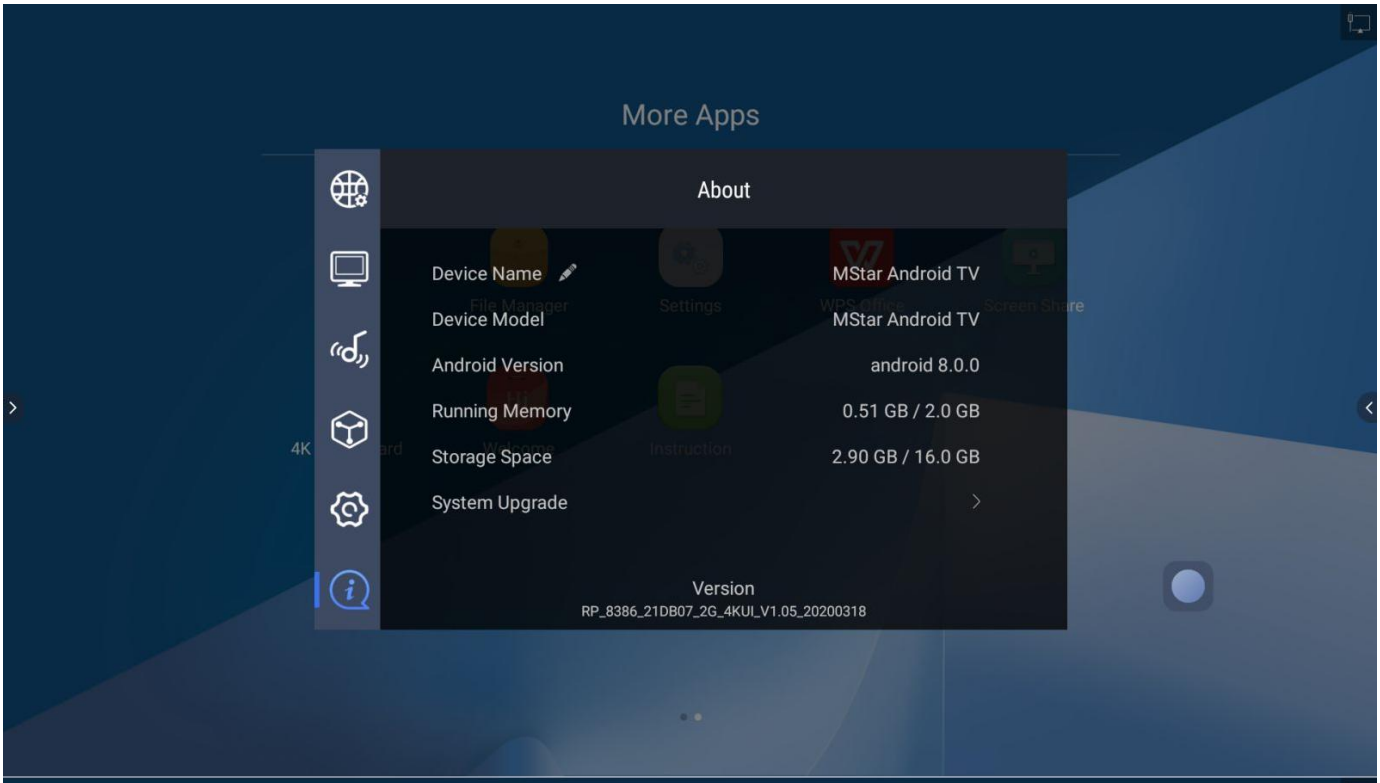
4. 5. 6 ON/OFF control

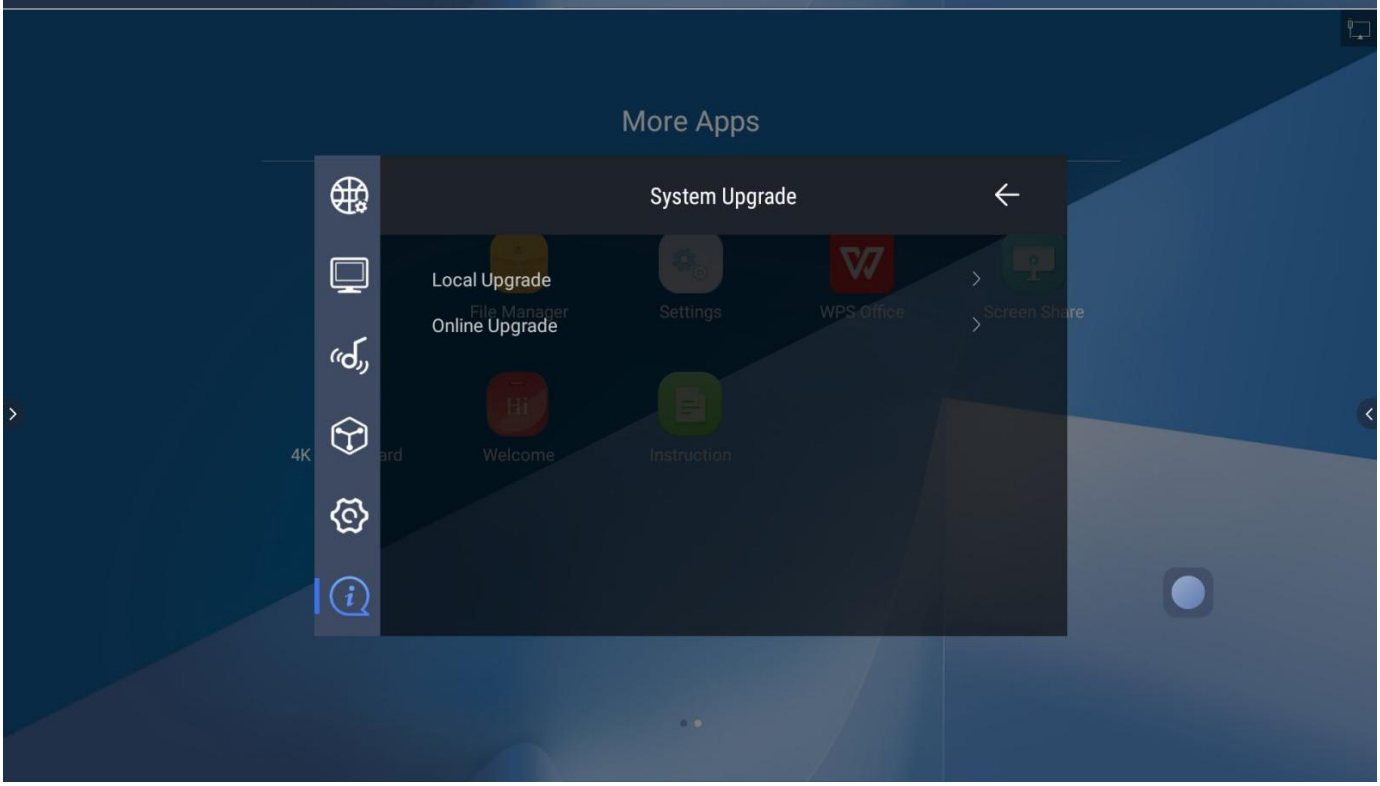
This device supports the Suspension window, centralized control and ambient light sensor to change the screen brightness, we can turn all these on and off in this page.



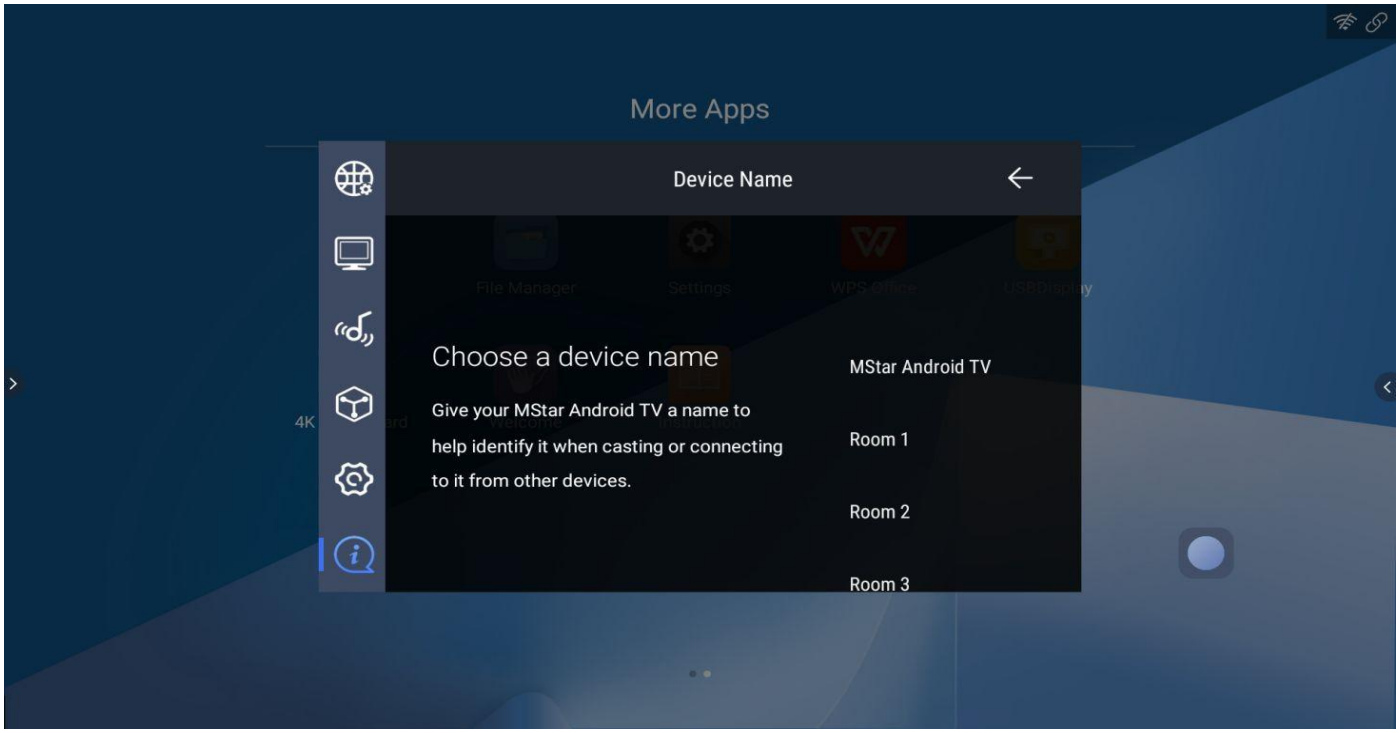
4. 6 System information

System information contains device name, model number, serial number, Android version, System version, DDR and EMMC, WLAN MAC, LAN MAC and local upgrade tool.





4. 6. 1 Device name
Click the device name to rename the device.



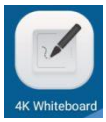
4. 6. 2 Local upgrade

Click the local upgrade to upgrade the software package in USB device. File name is RP_USB_UPGRADE.bin.

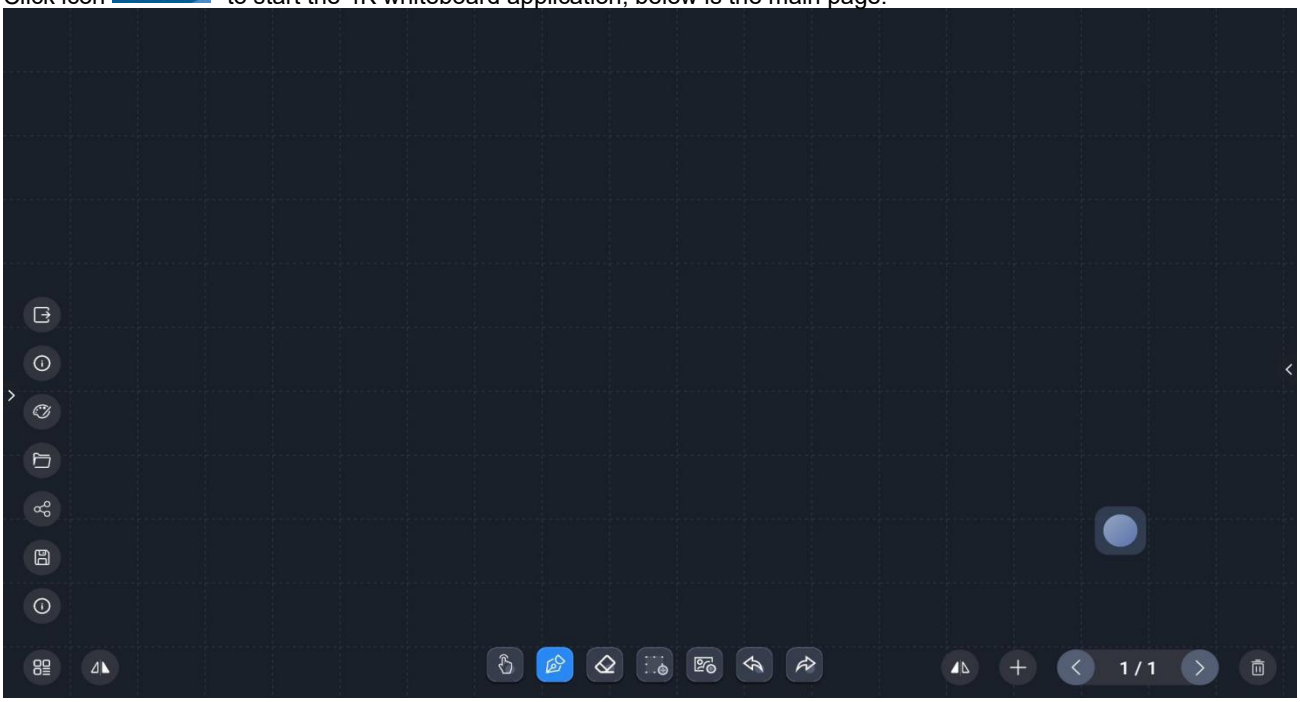
II Application introduction

5. 4K Whiteboard

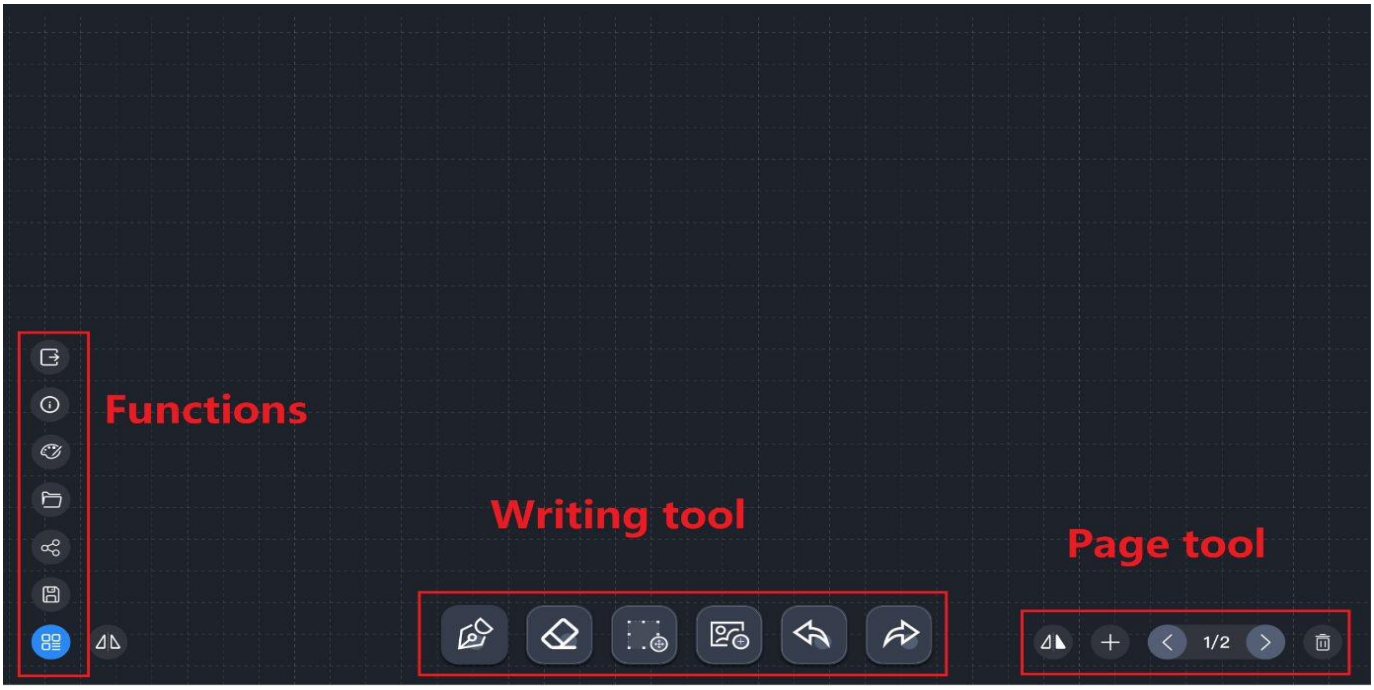
5. 1 Main page

Click icon 

to start the 4K whiteboard application, below is the main page.

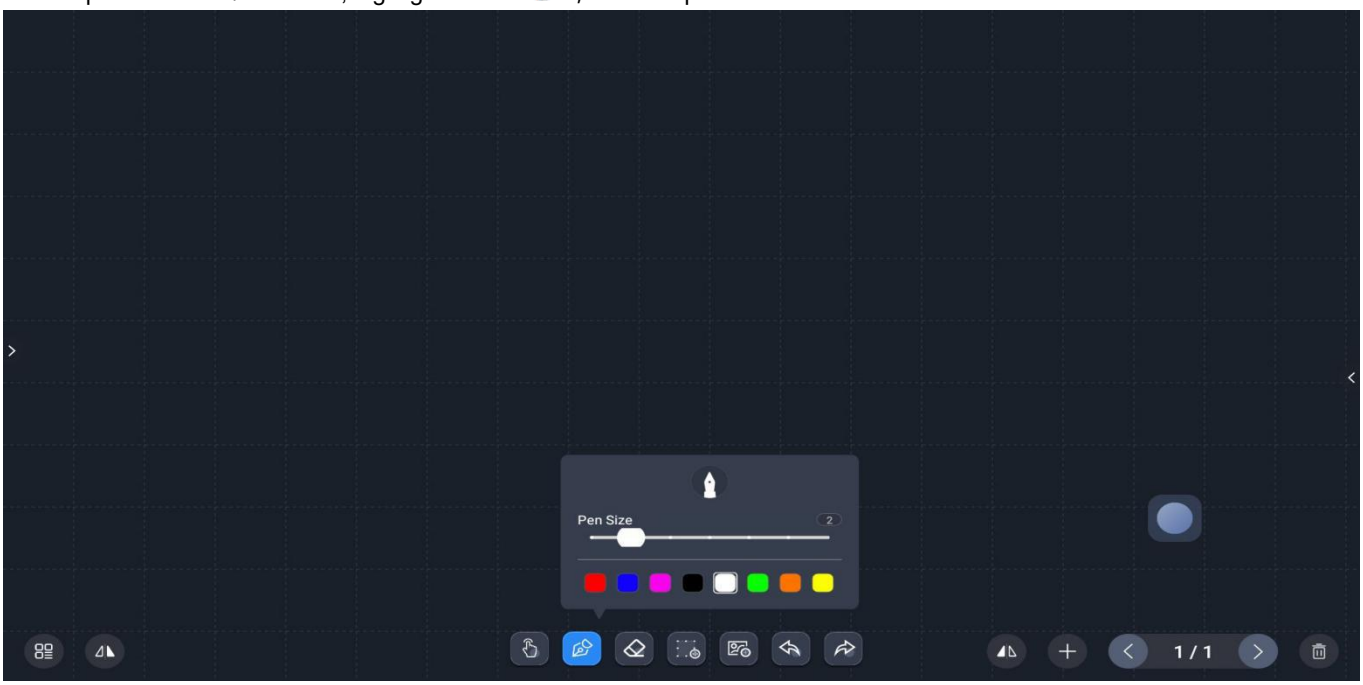


5. 2 Fucntion introduction



5. 2. 1 Writing

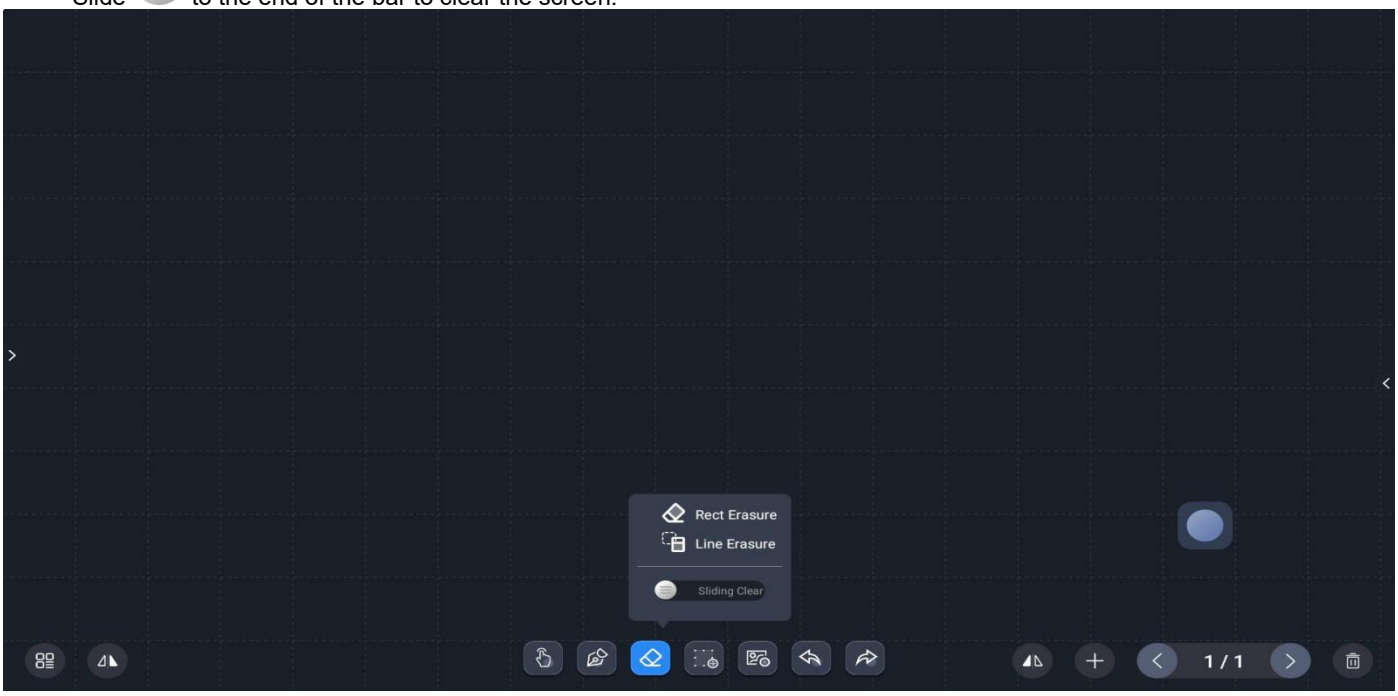
- Open whiteboard application, user can write directly with single point writing as default.
- In single point writing mode, multi finger touch is for zoom, back of hand or palm touch is for eraser.
- Click icon or to choose single point writing and multi point writing. Icon means multi point writing，icon means single point writing.
- Click icon to show the pencil setting page, support pencil color, size and shape optimization on/of. Icon is shape optimization on/off button, highlighted as ，means optimization is on.



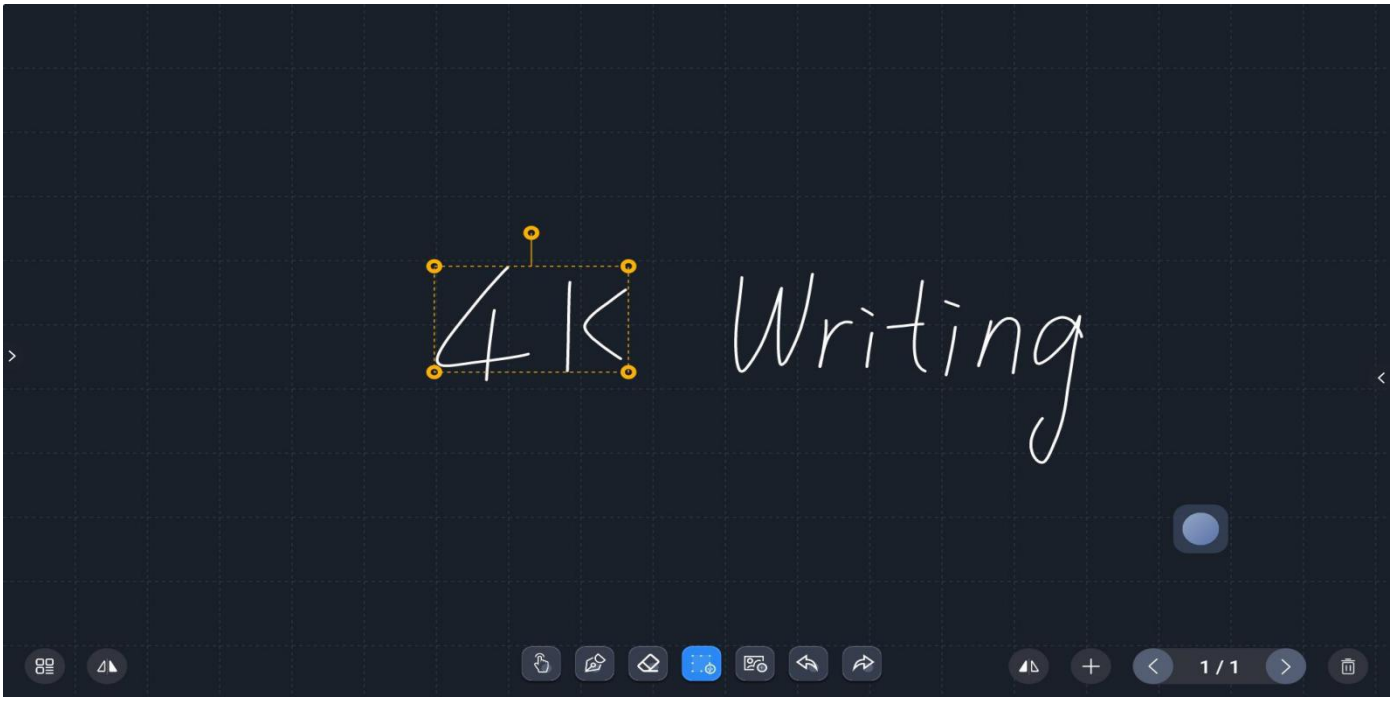
- is eraser tools，include area wipe, trace wipe and clear screen.

  Default is area wipe tool.

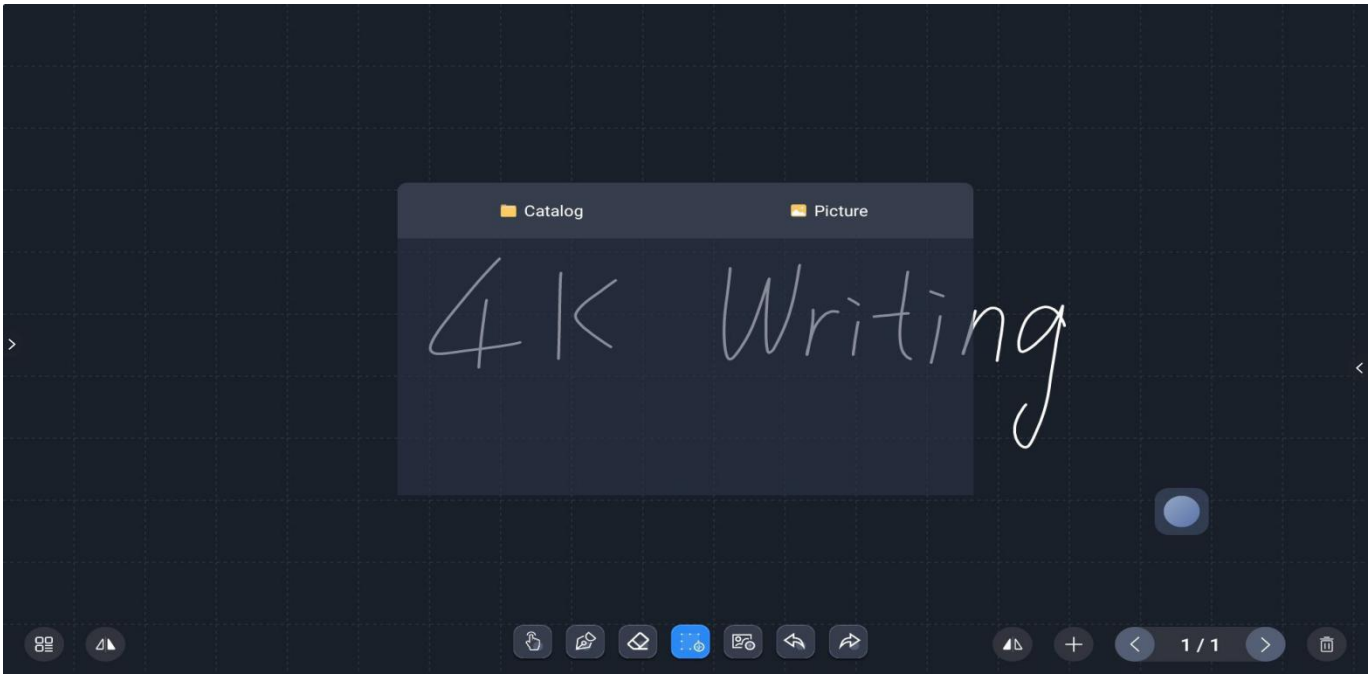
Slide to the end of the bar to clear the screen.



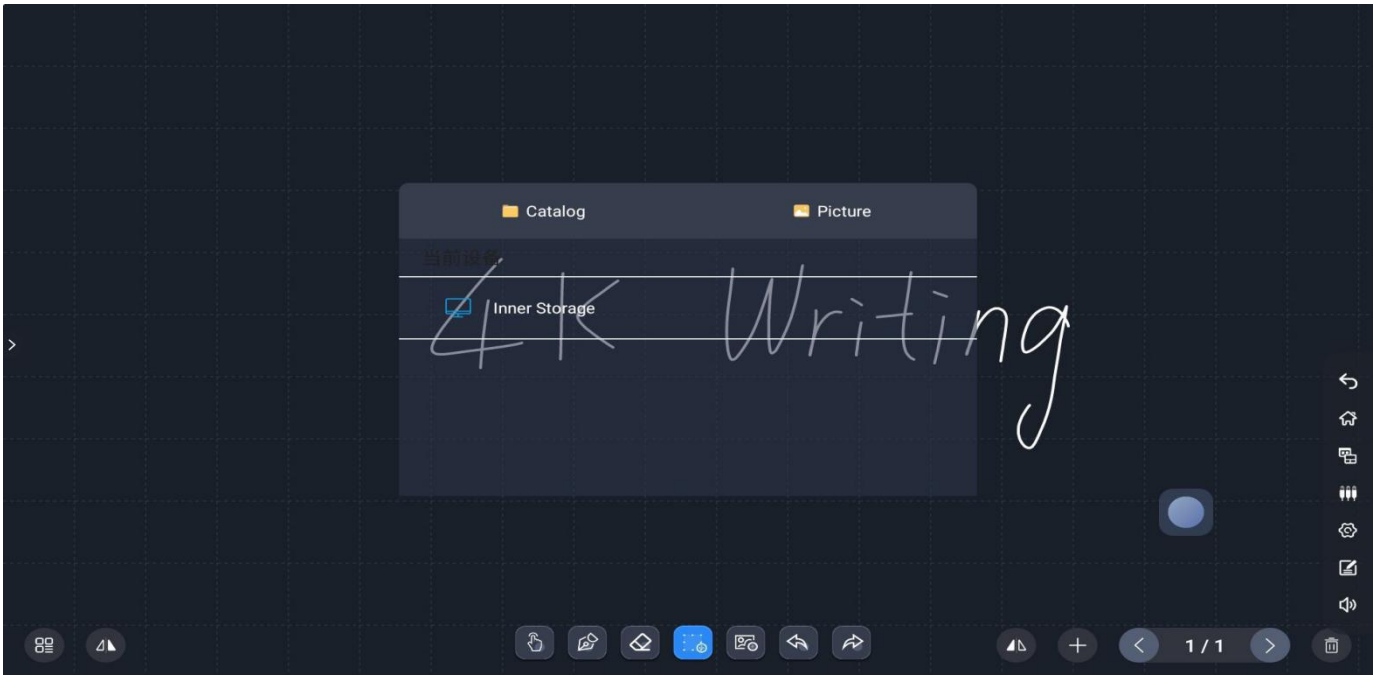
- is select tool，user can move, zoom, rotate the selected area



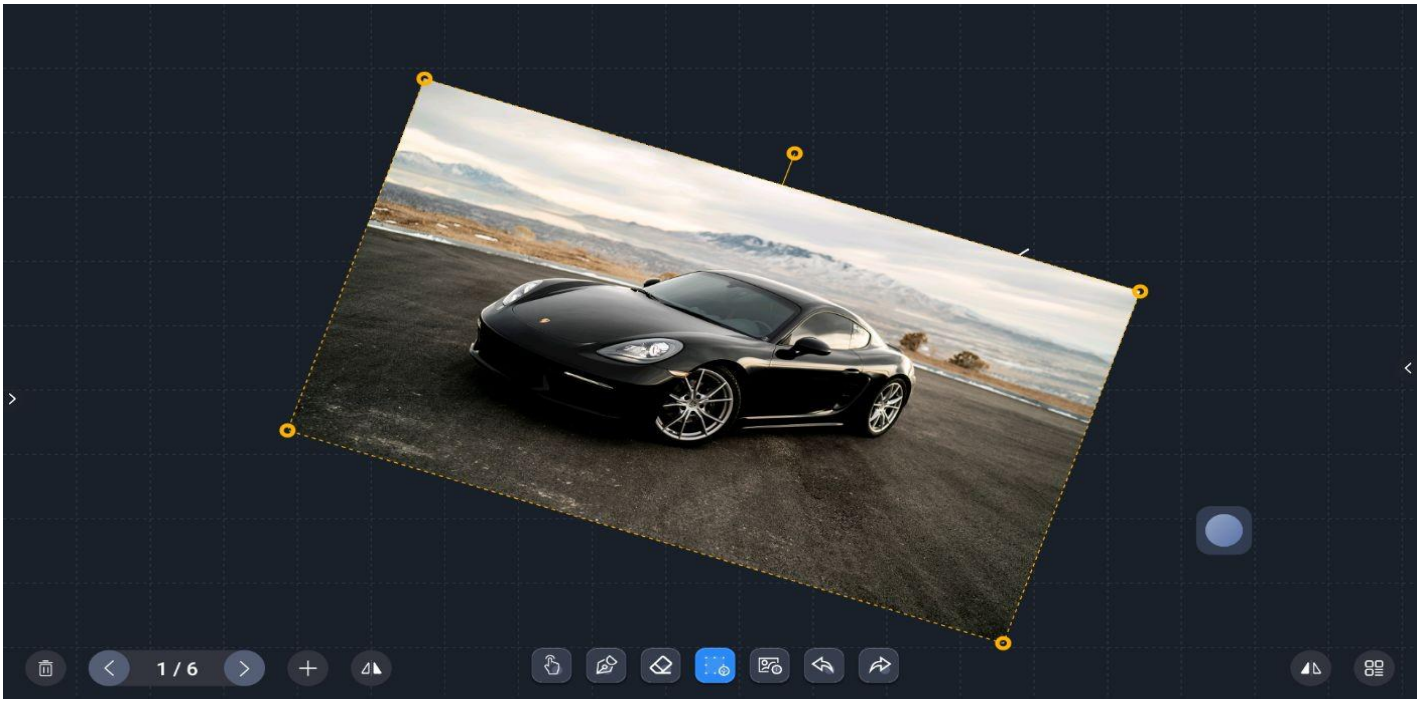
- is picture insert tool，user can select the pictures in internal storage or US drive, and support zoom, move and rotate the picture



Click contents to change the storage drive：



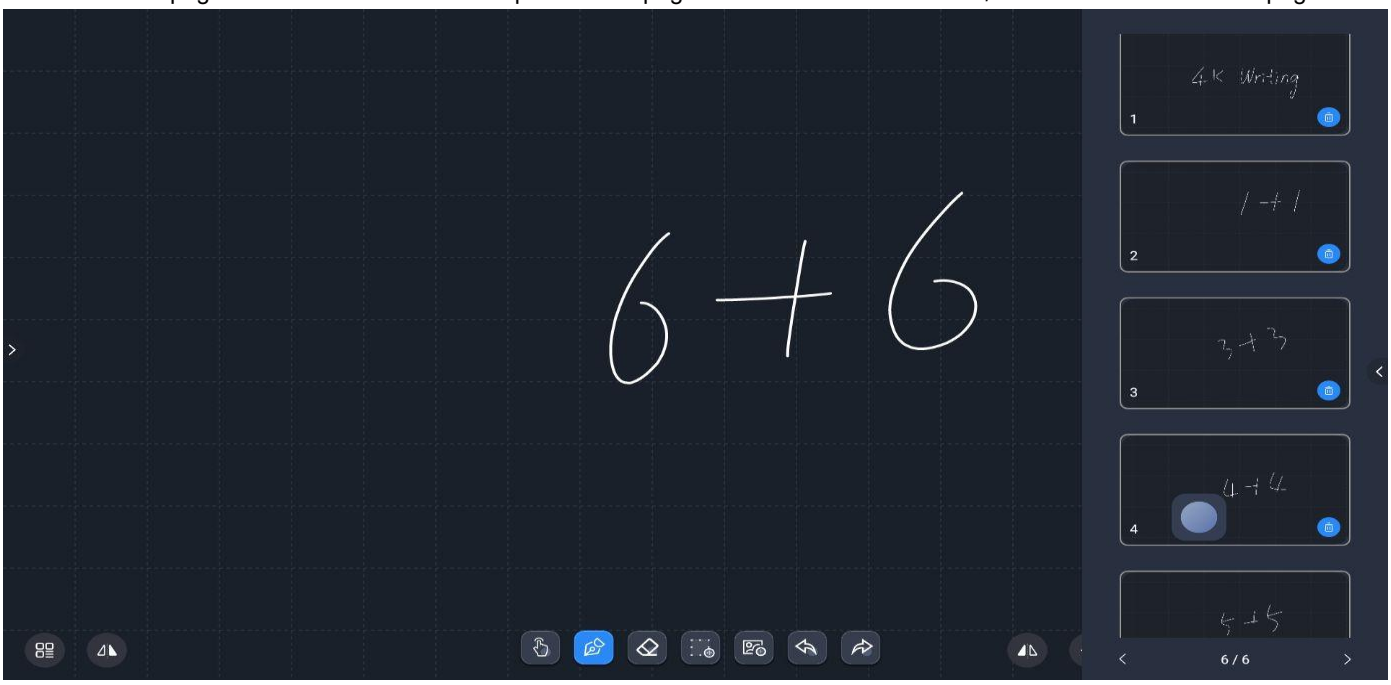
Picture zoom, move and rotation function：



- is for recall； is for redo.

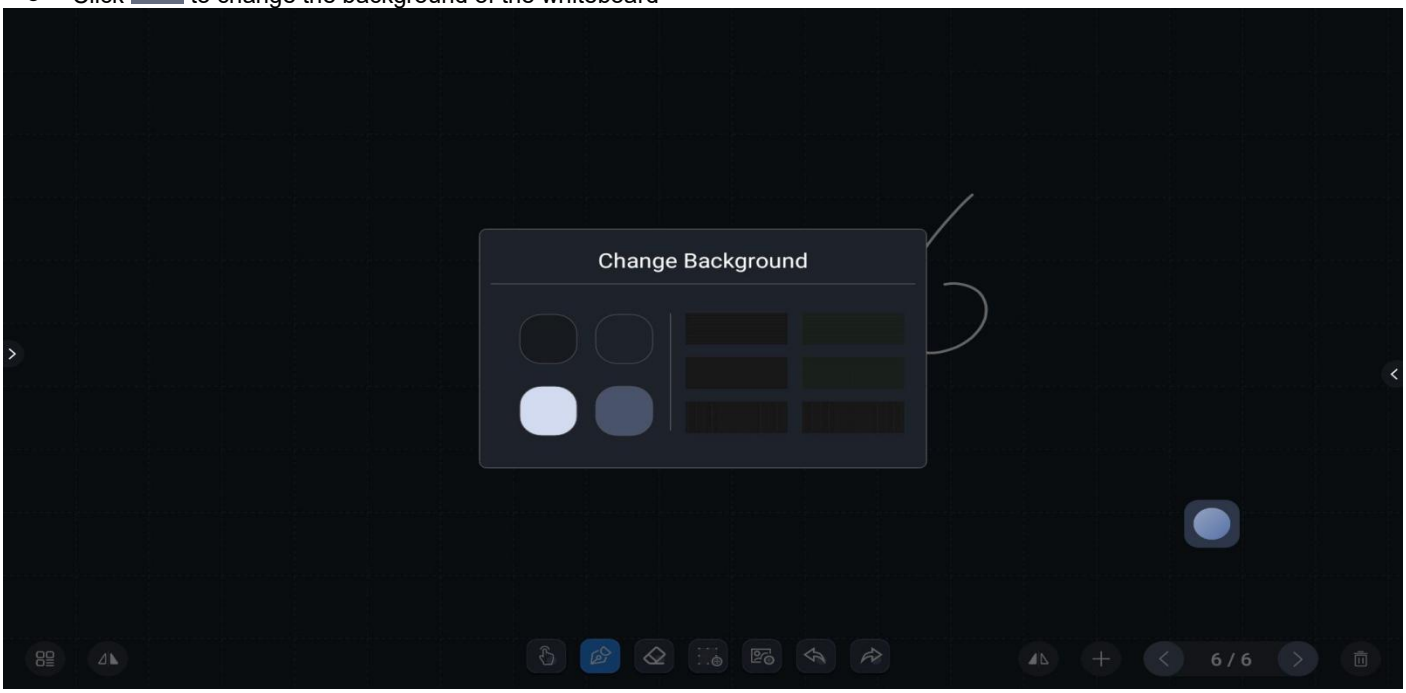
5. 2. 2 Page management

- Click to create new whiteboard page.
- Click and to change the current page.
- Click to delete current page.
- Click to change the page management tool to the other side of the screen.
- Click the page number area 1 / 6 to preview the pages in current whiteboard file，user can select or delete page：

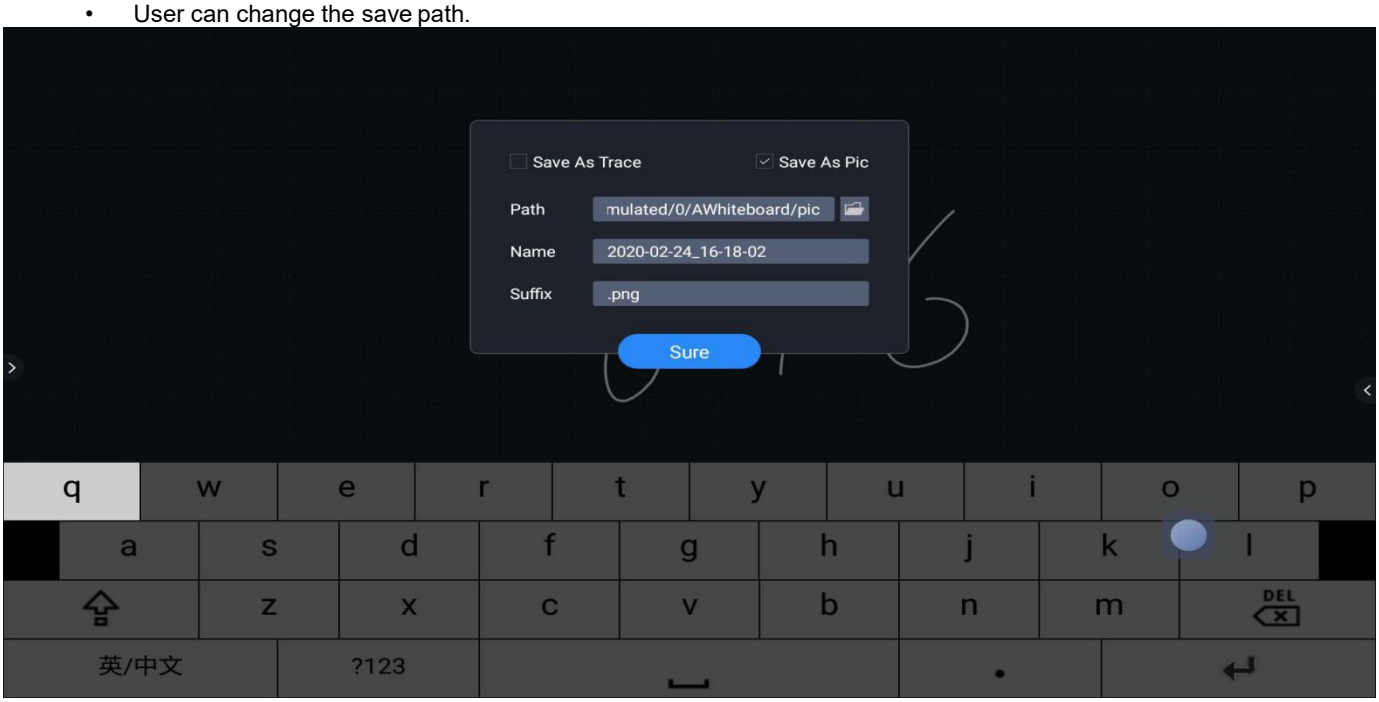


5. 2. 3 Others

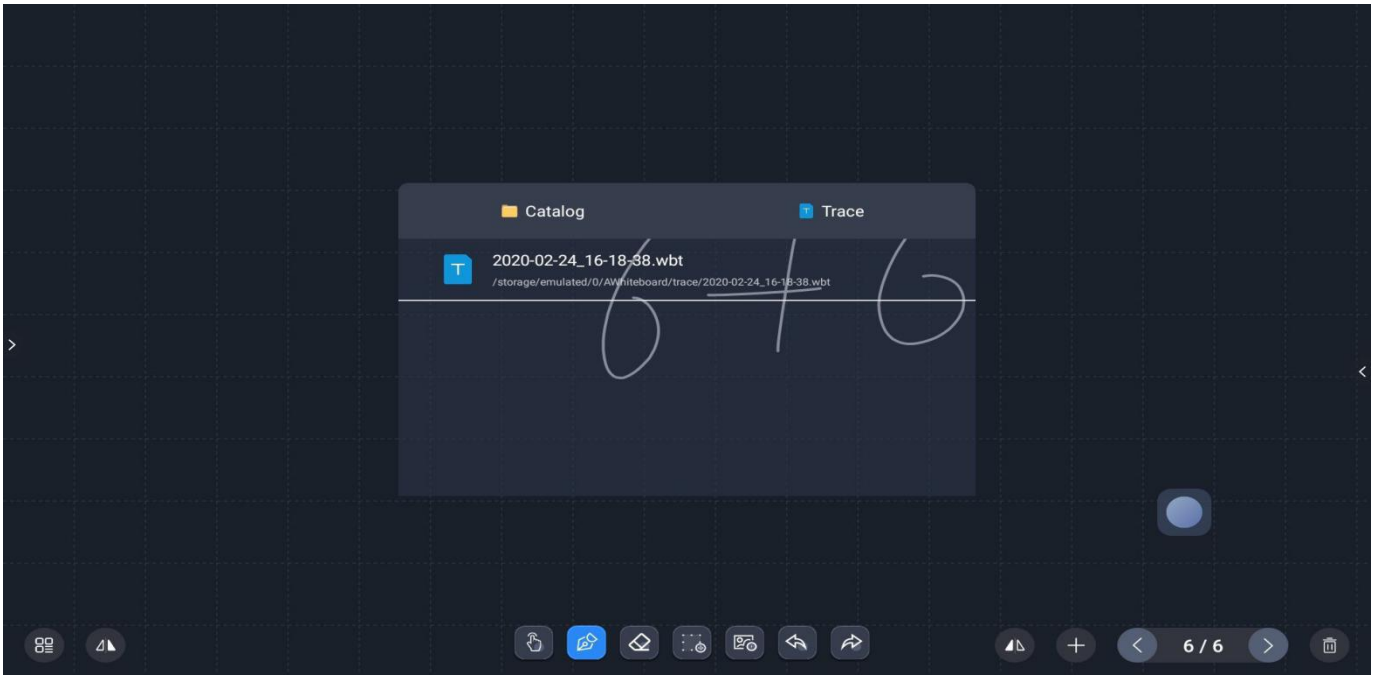
- is function menu button:
- Click to quit the whiteboard application.
- Click to show the application version or upgrade the application
- Click to change the background of the whiteboard



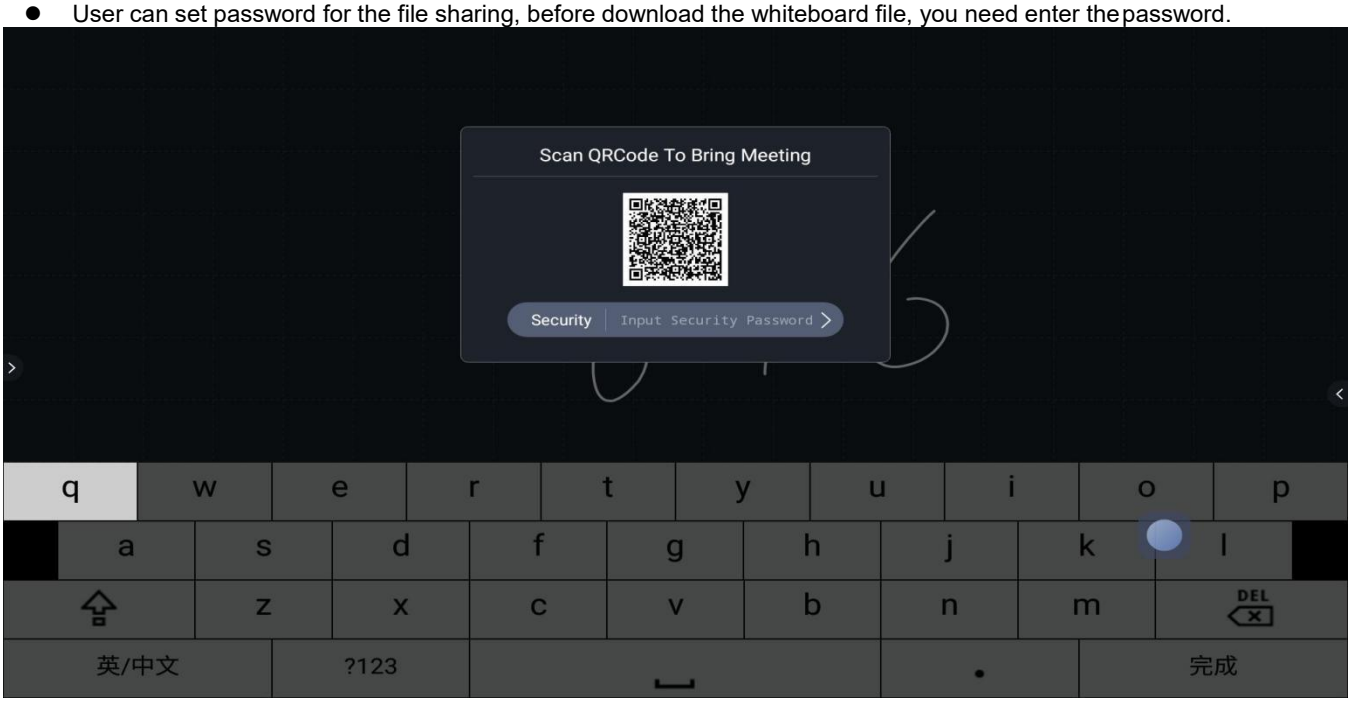
- Click to save current whiteboard as trace(.wbt) or picture(.png).
  - Whiteboard trace is saved in /Awhiteboard/trace, the default file name is date_time.wbt.
  - Whiteboard picture is saved in /awhiteboard/pic, the default file name is date_time.png
  - User can change the save path.



- Click to open the exist whiteboard trace file：



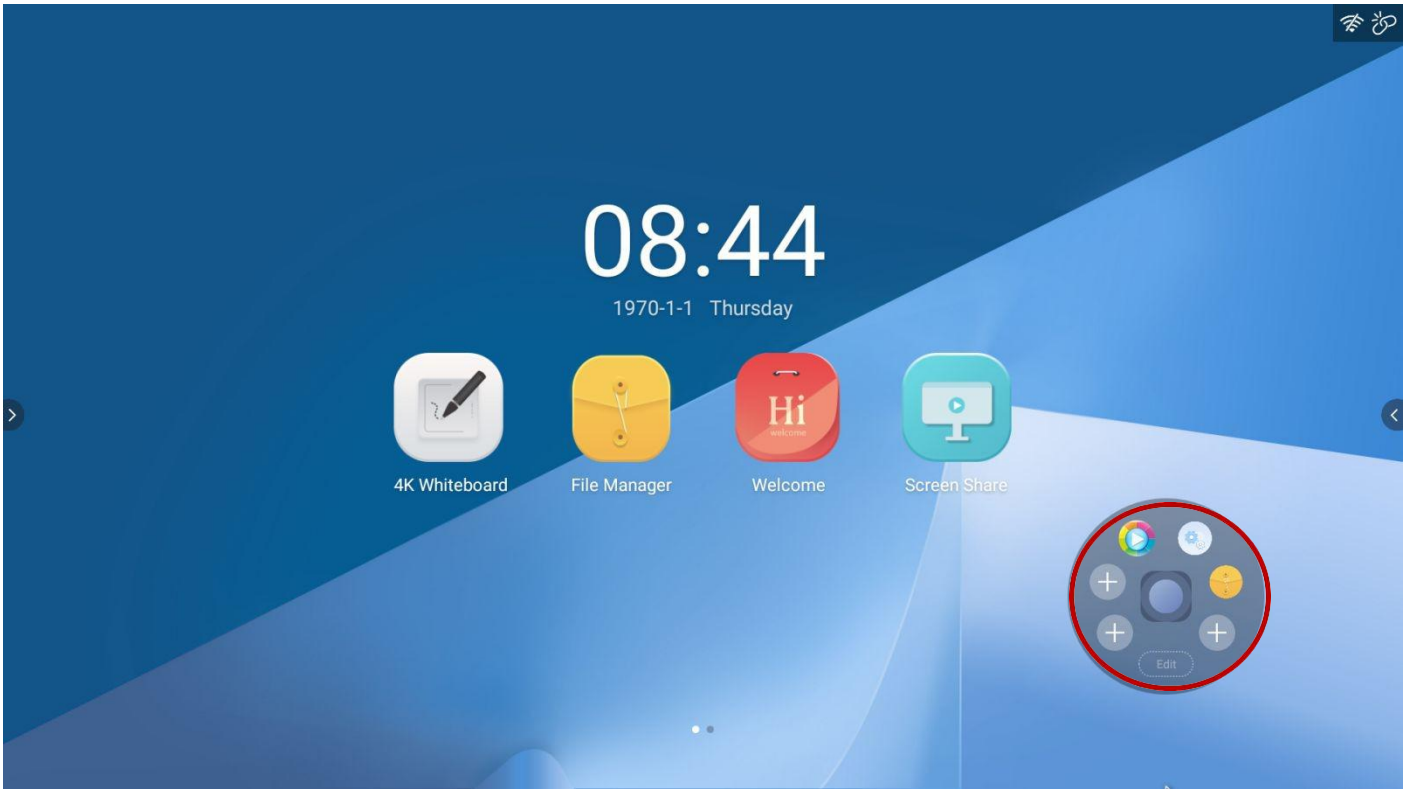
- Click to share the whiteboard file(need connect to the internet)，user can get the whiteboard file via scanning the QR code, the file format is PDF.
- User can set password for the file sharing, before download the whiteboard file, you need enter the password.



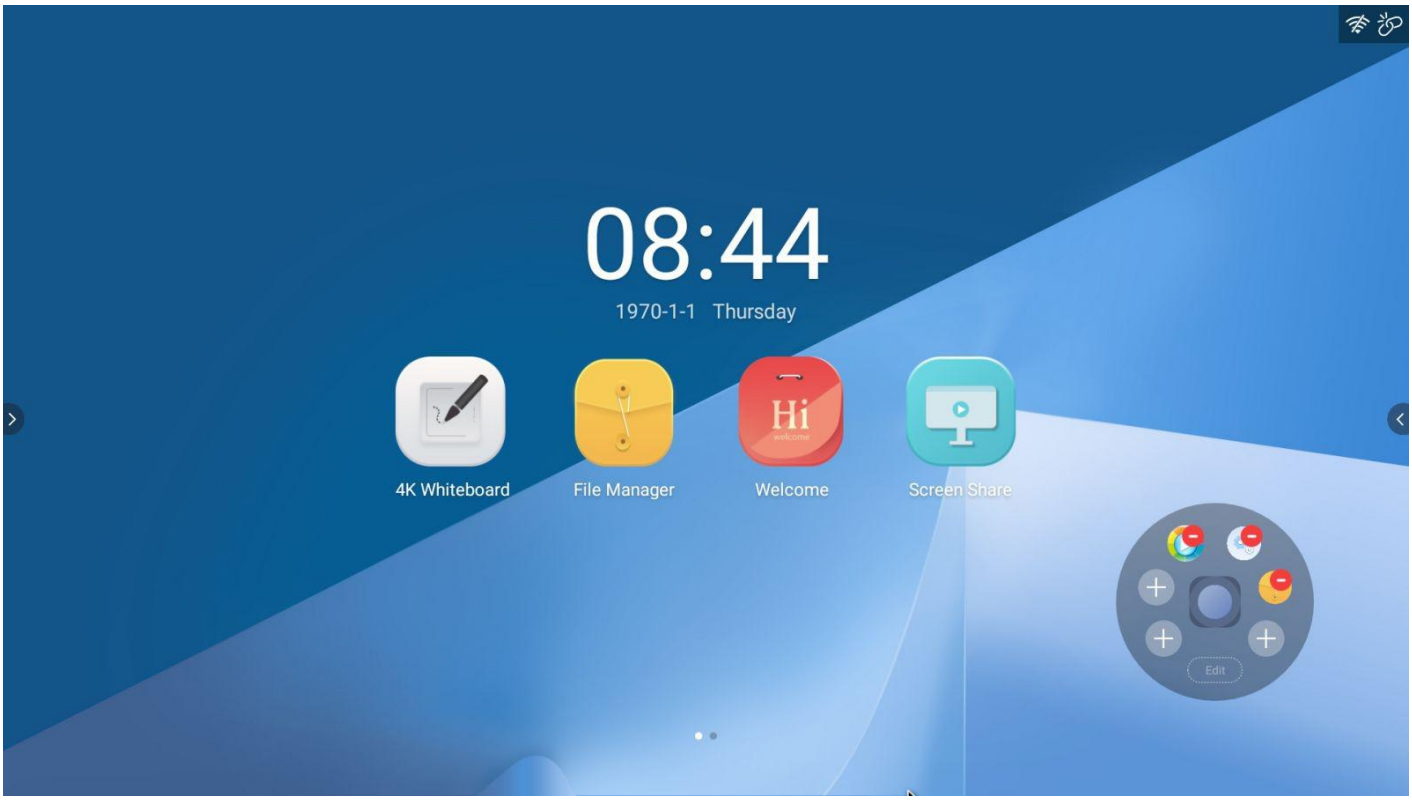
6. Suspension window

It’s an accessible tool for shortcuts of the applications, support system applications and installed applications.
Icon as below:

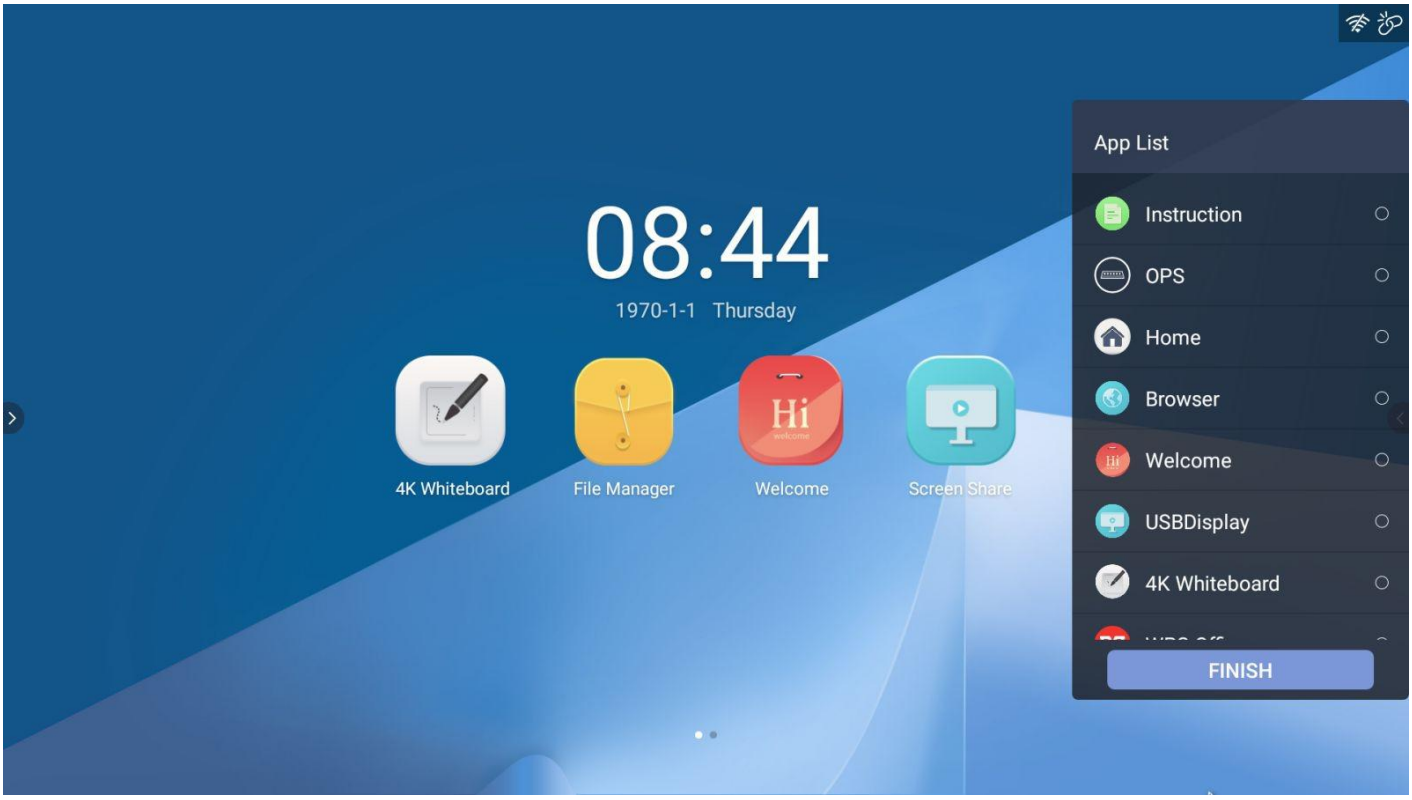
Suspension window active status：



Press the edit button to add or delete the shortcuts, press on the shortcuts to delete.

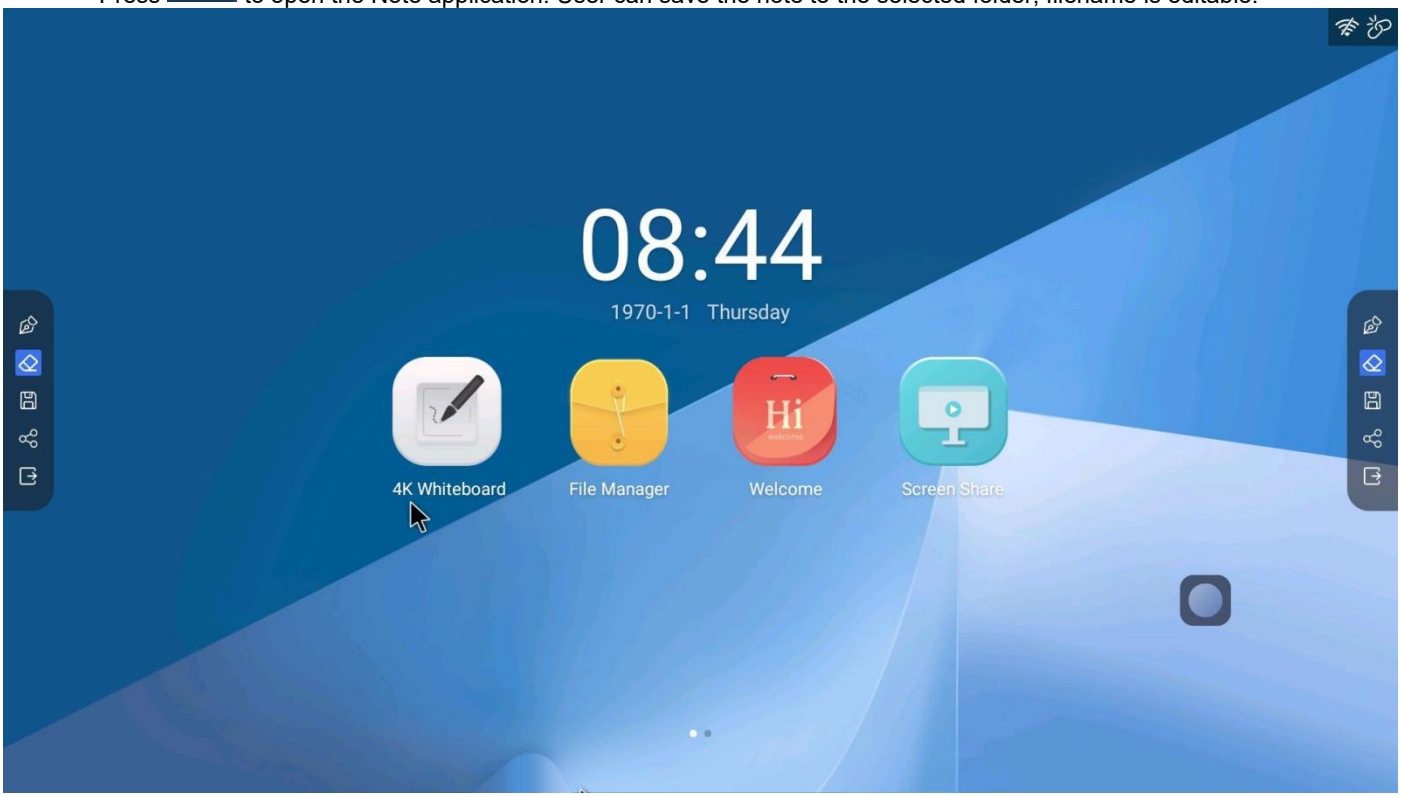


Press to add shortcut as below:

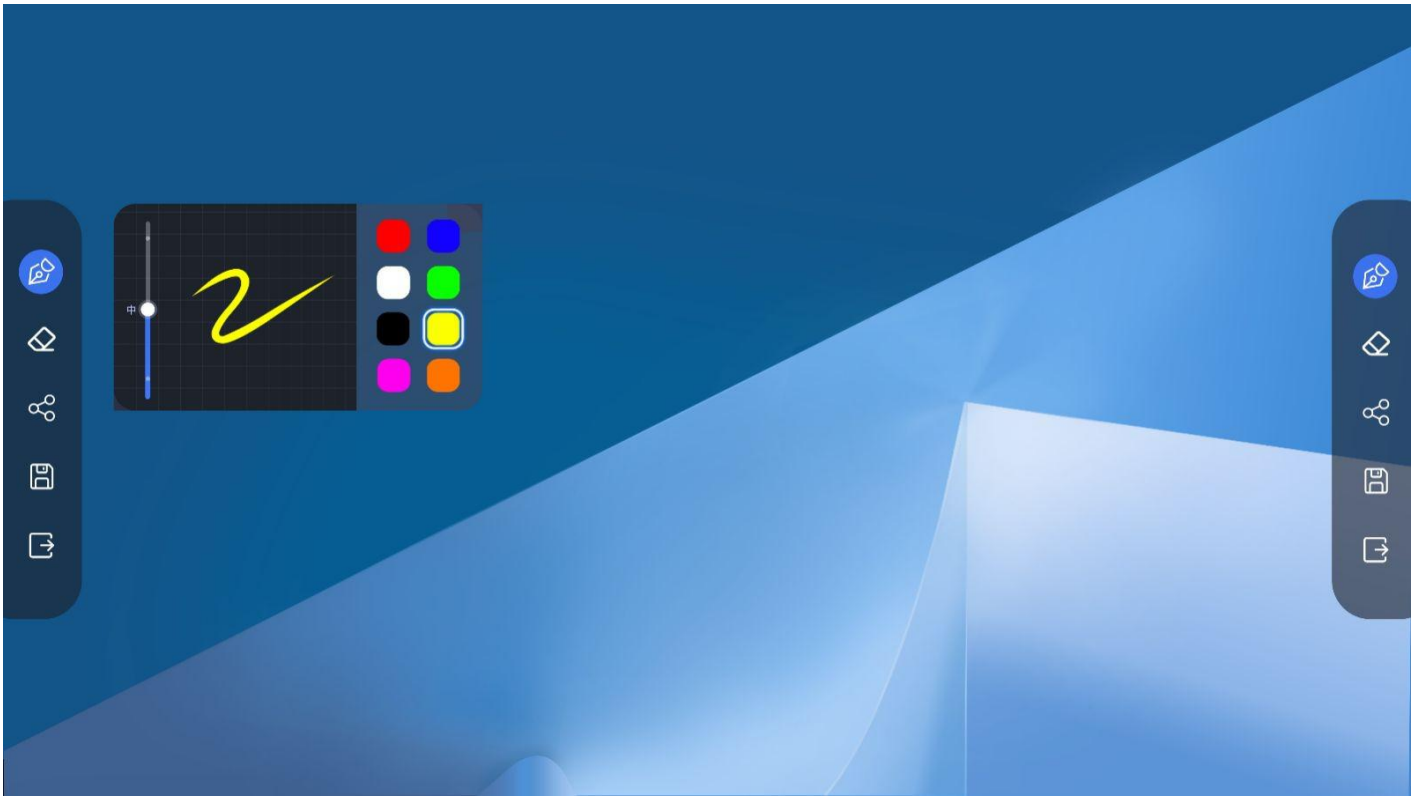


7. Note

Press to open the Note application. User can save the note to the selected folder, filename is editable.

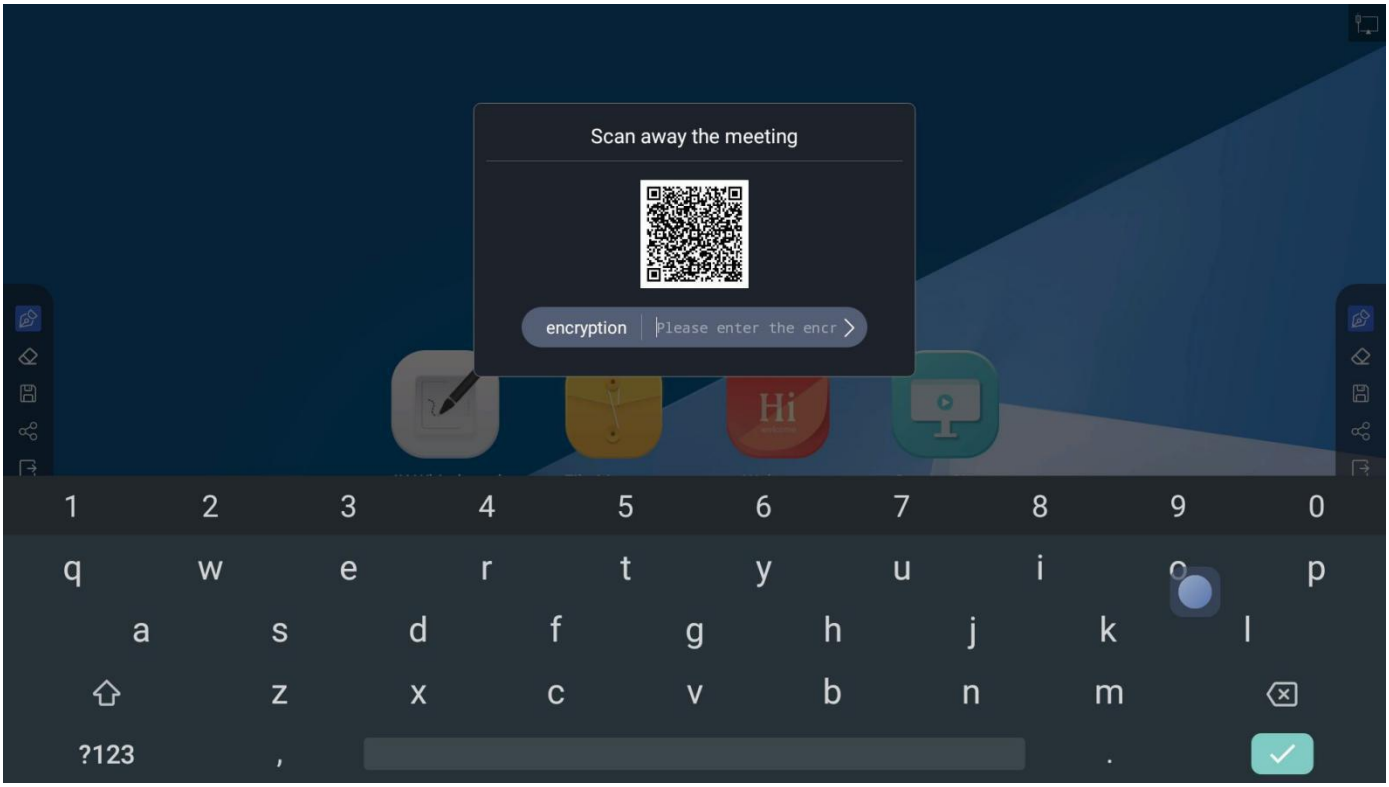


(1) Press to active the pencil to start writing，in the pencil setting memu, user can set the pencil color and size.

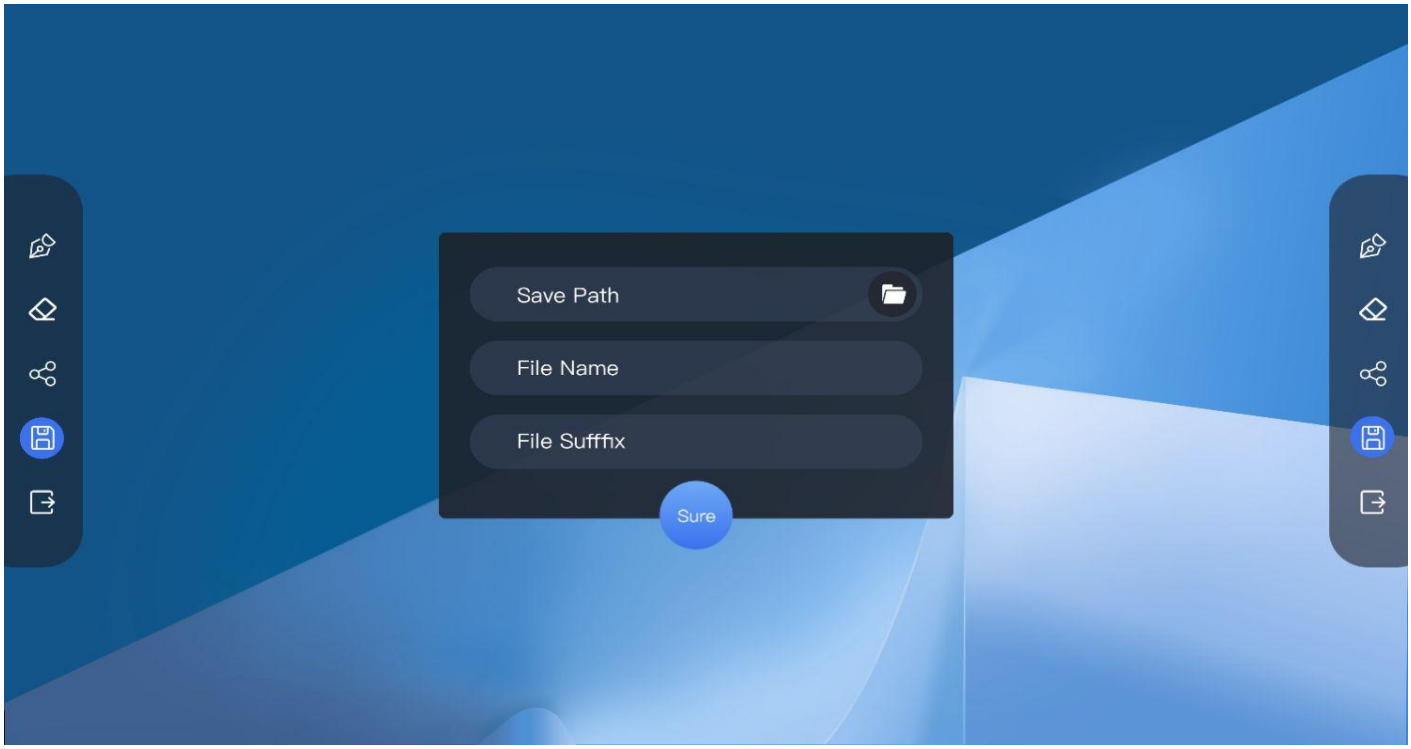


(2) Press to active the eraser tool.

(3) Press to share the note via QR code or email. ? ?



(4) Press to save the note to trace or picture.

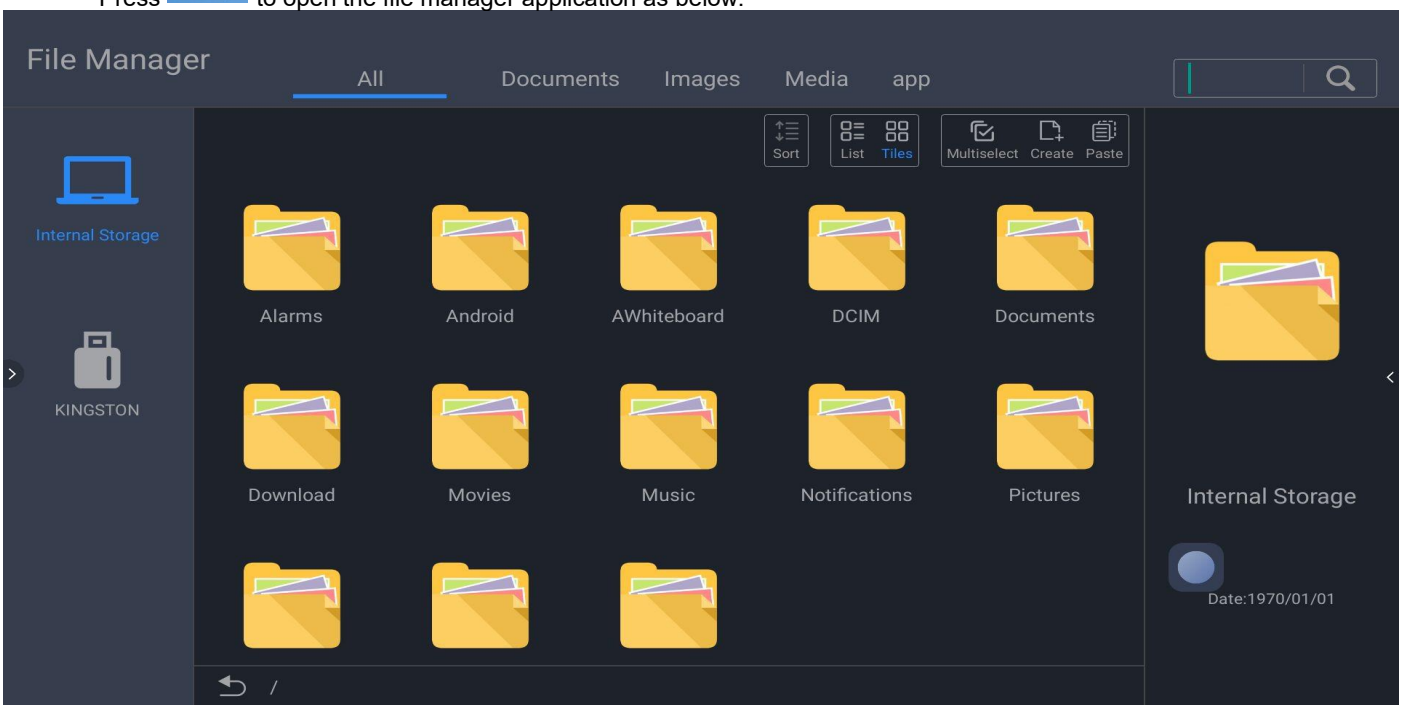


(5) Press to quite the application.

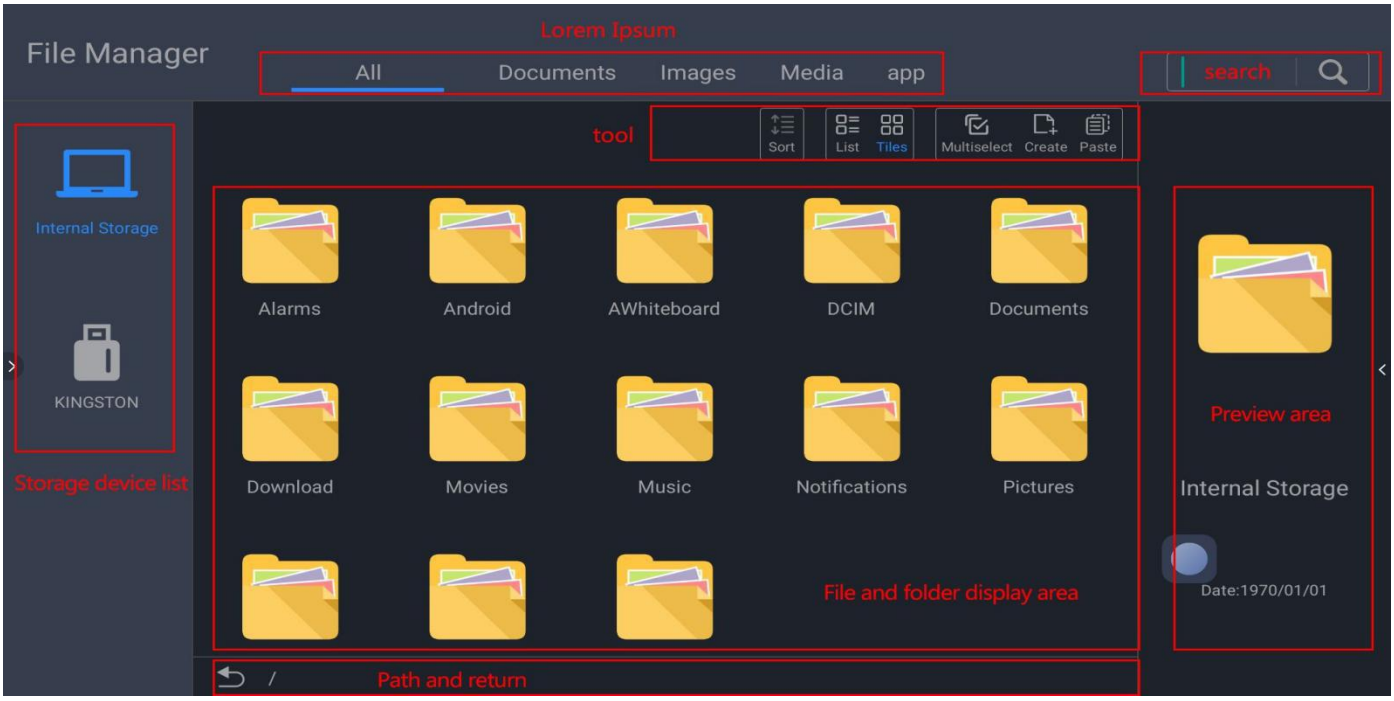
8. File manager

Press

to open the file manager application as below:



8. 1 Introduction



8. 2 File type shortcut

- Press “documents”，to explore: Word、EXCEL、PDF、TXT in the selected drive.
- Press “Images”，to explore all the image file in the selected drive.
- Press “Media”，to explore all the audio and video file in the selected drive.
- Press “Applications”，to explore all the files with the “apk” expansions in the selected drive..

8. 3 Search：search for the file with or contain input characters.

8. 4 Device list

Show all the available storage devices, include internal and external. User can select to explore the files and folders in the selected device.

8. 5 Back button

Press to return the previous folder.

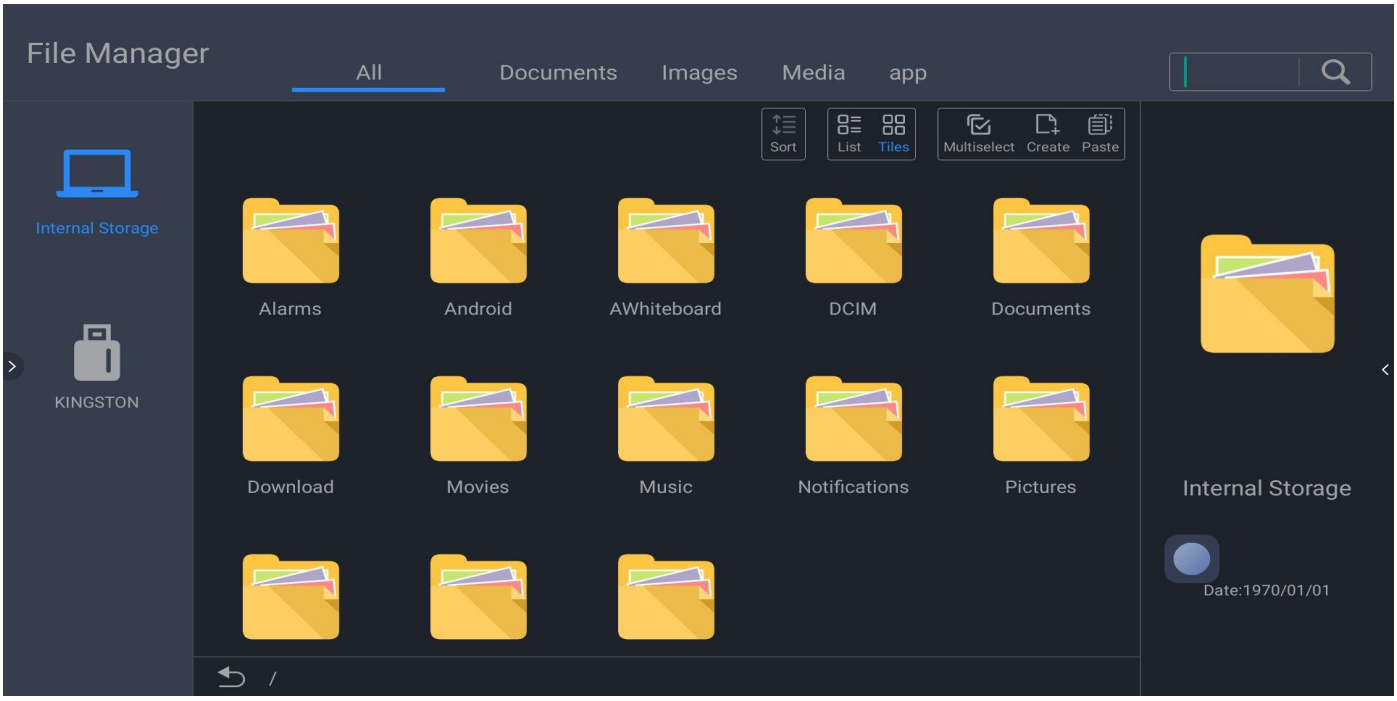
8. 6 Tools

Press

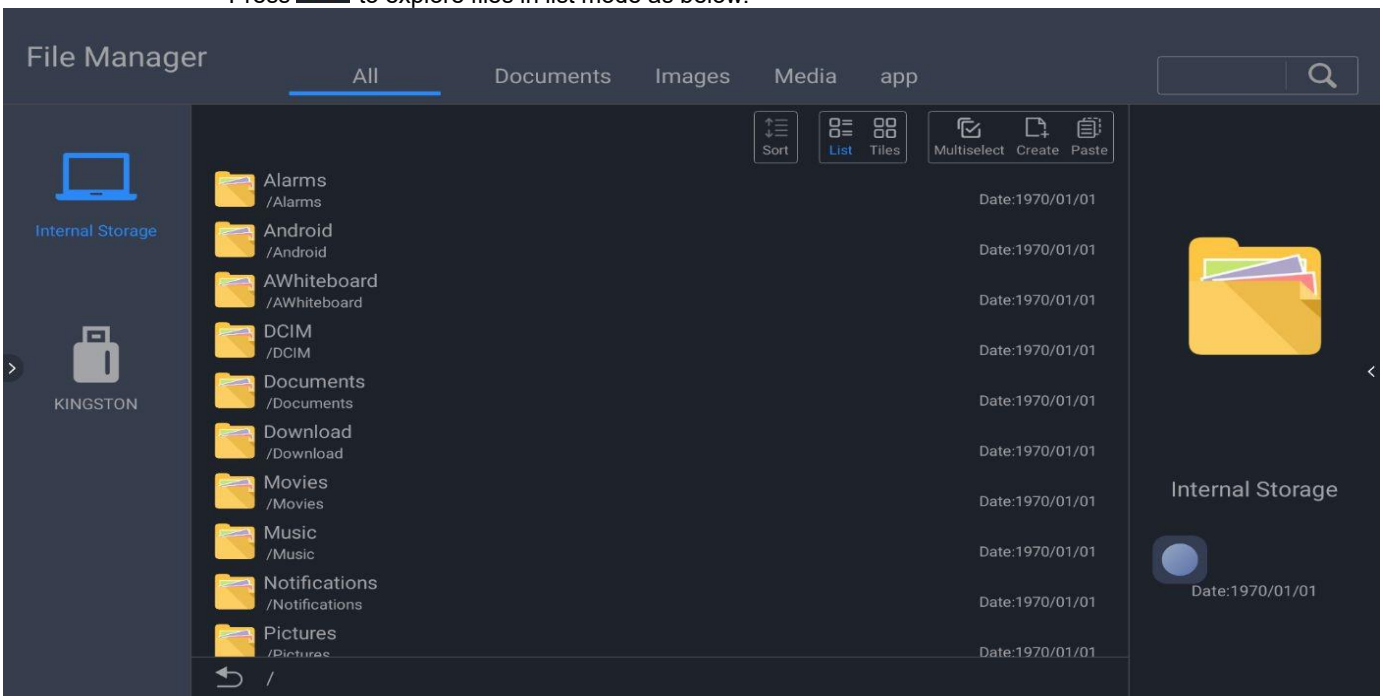
to sort by filename, type and latest edit time.

Press

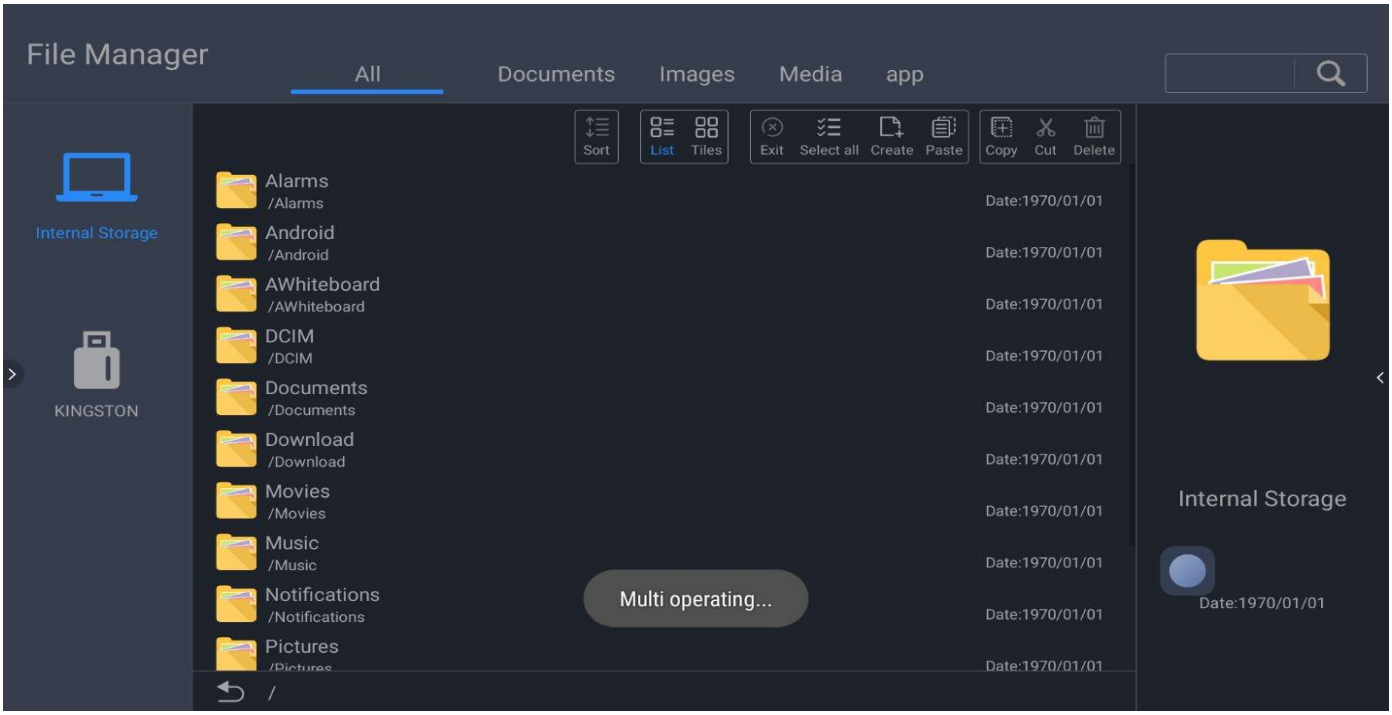
to explore files in tiles mode as below：



Press to explore files in list mode as below:

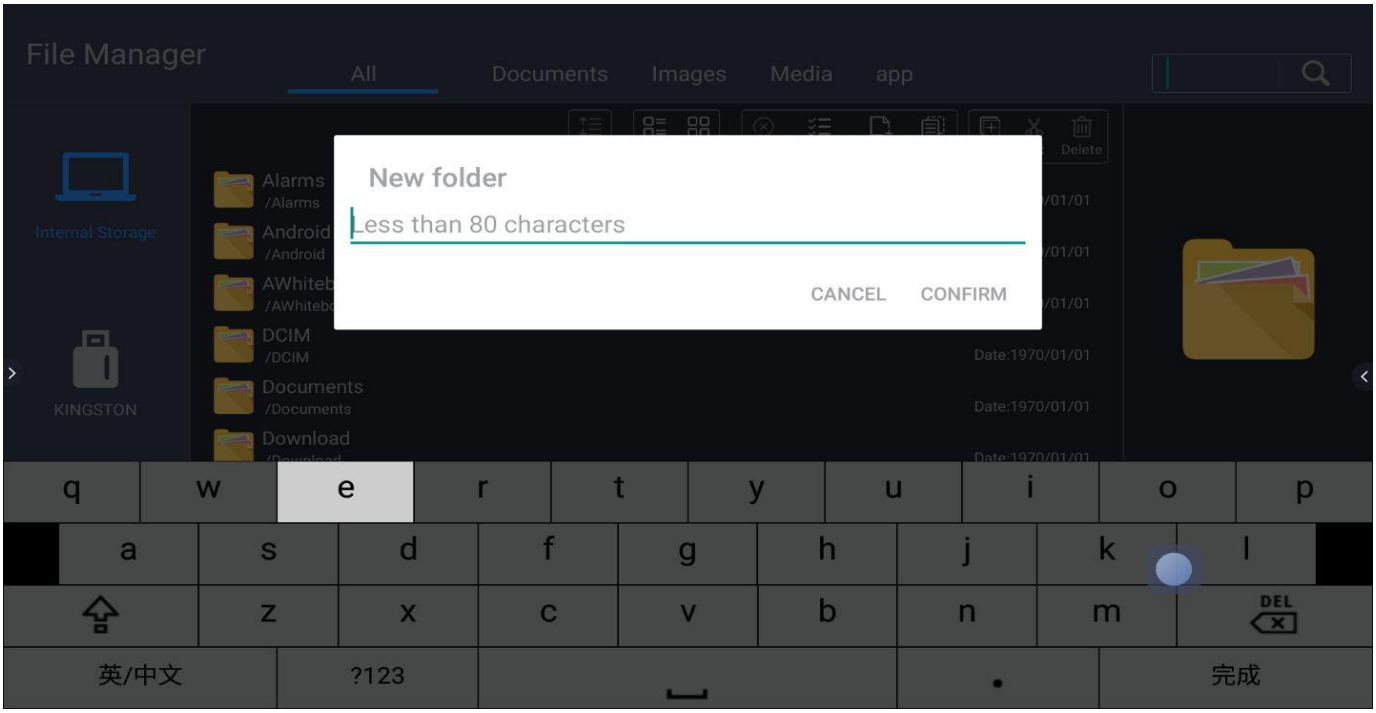


Press to start multi select mode and press to exit multi select mode：



Press

to create new folder.



Press

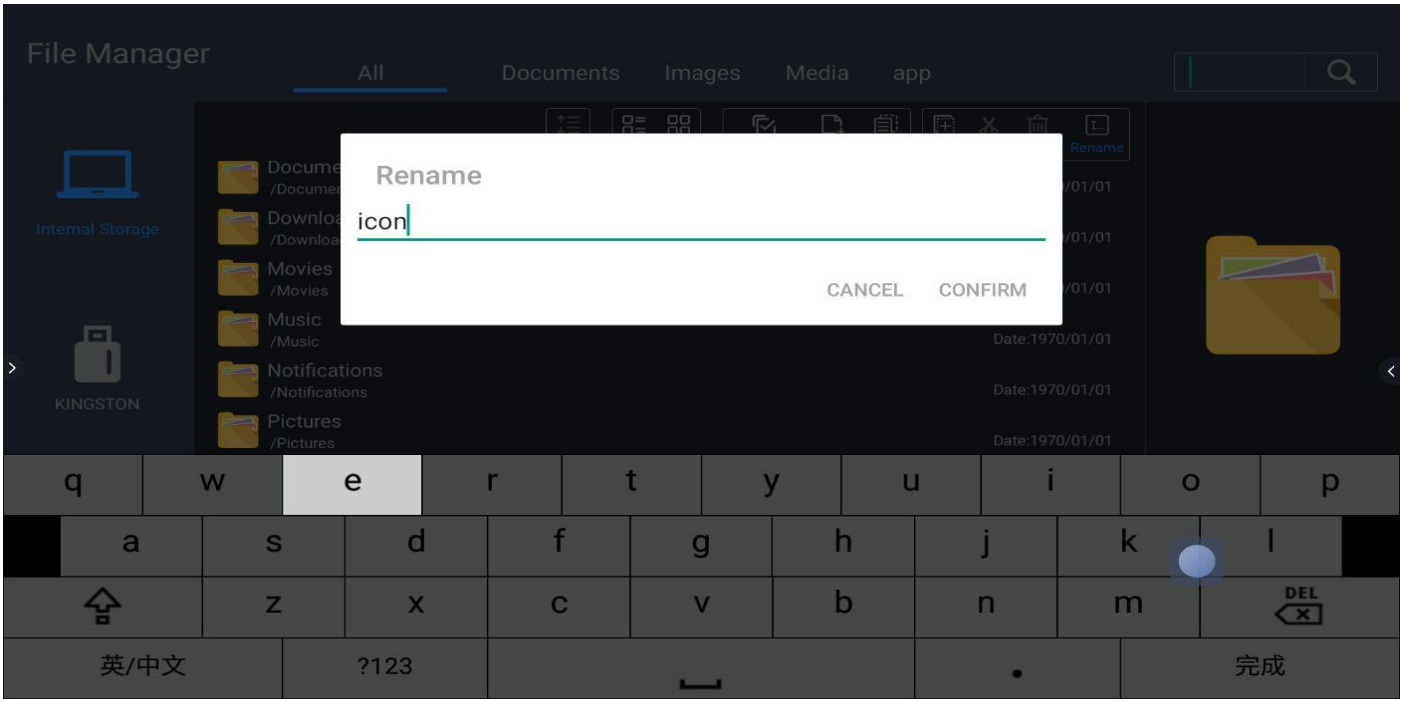
to copy the selected file or folder.

Press

to paste the copy file or folder to current folder.

Press

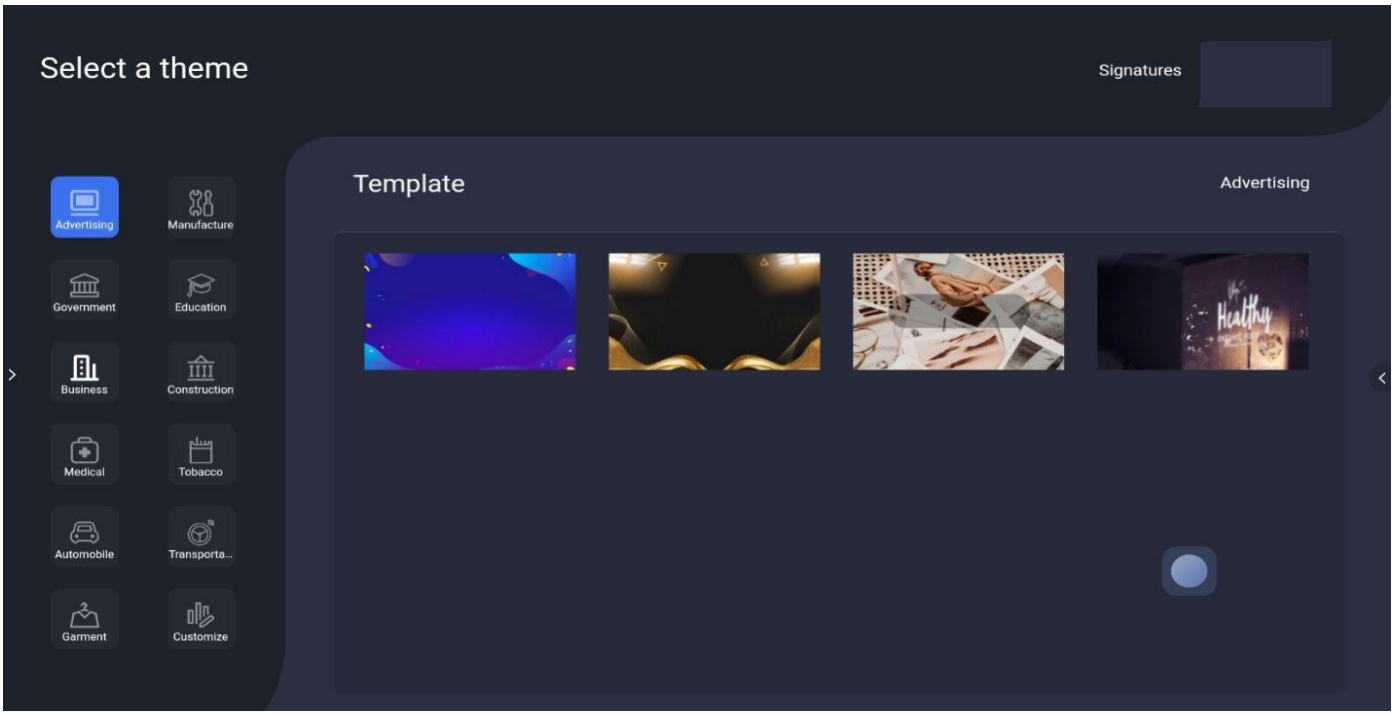
to change the selected file's name：



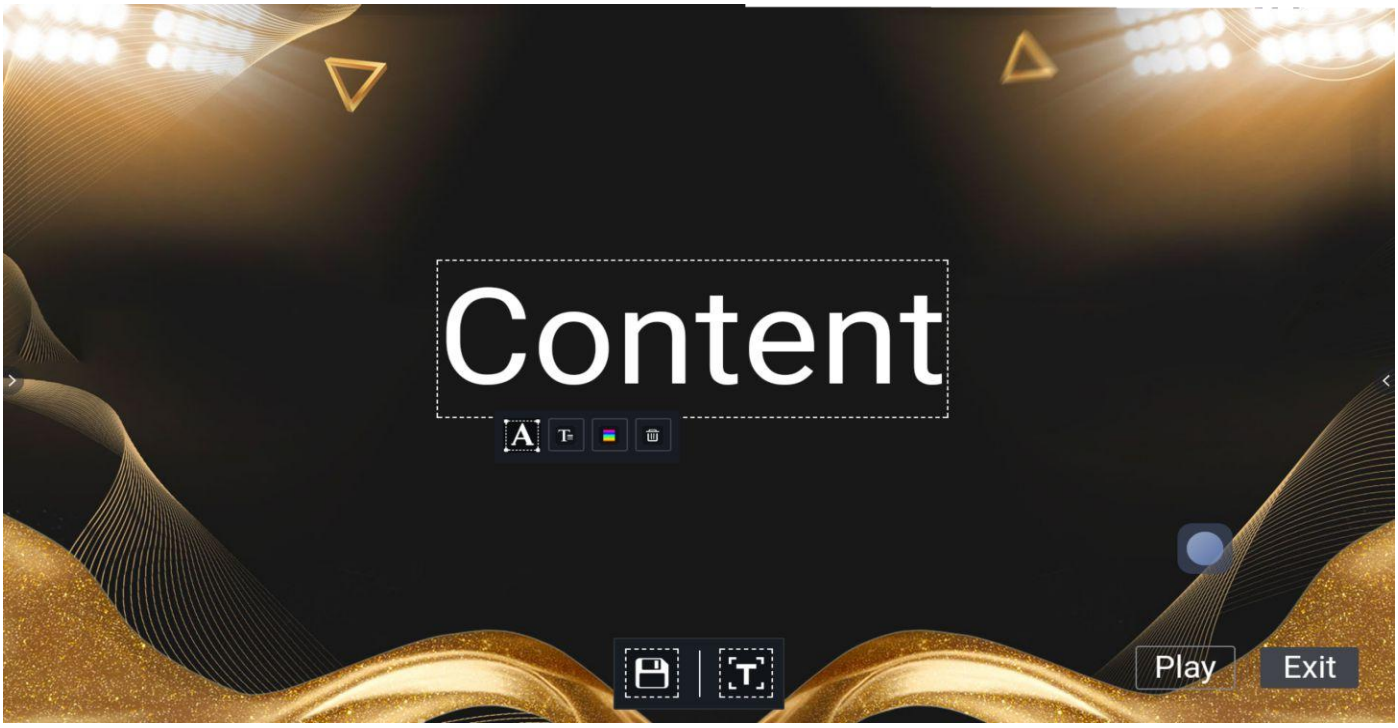
9. Welcome application

9. 1 Introduction

Press to start the Welcome application with theme and template.



9. 2 Welcome page edit



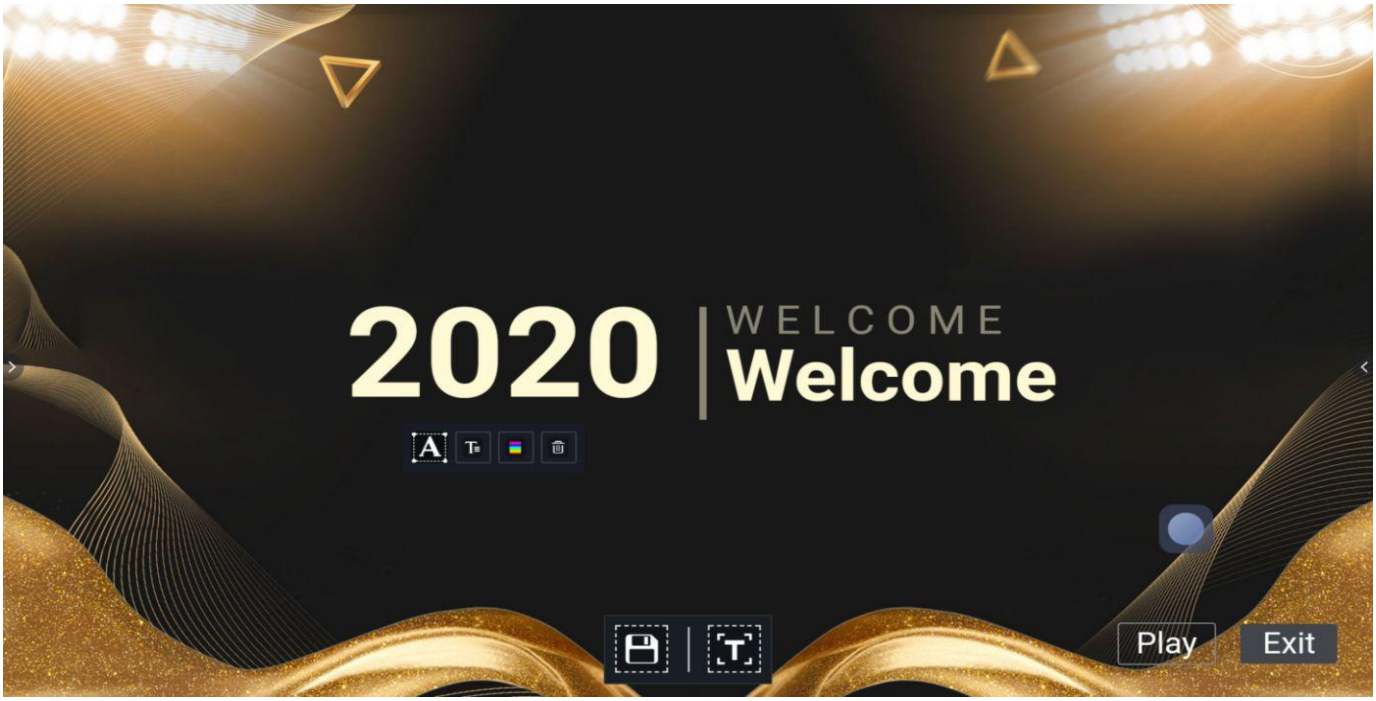
9. 2. 1 Text edit：

Press to edit the welcome text. Press to select font, size and colore.

Press to save the page as image file.

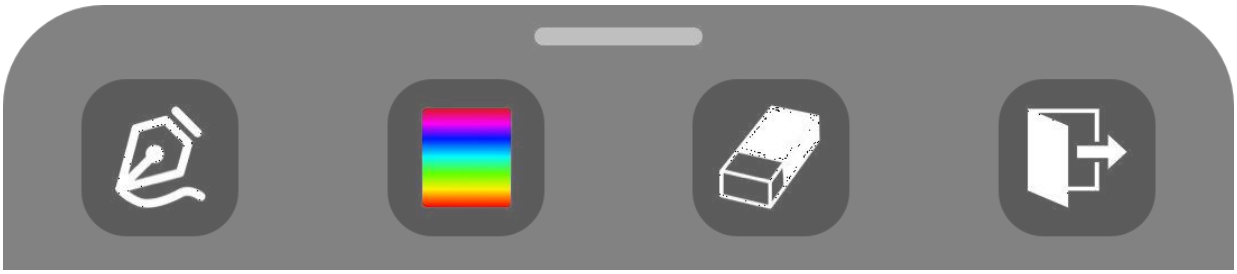
9. 2. 2 Signature mode

In play mode, press sign button, user can sign on the welcome picture as below:

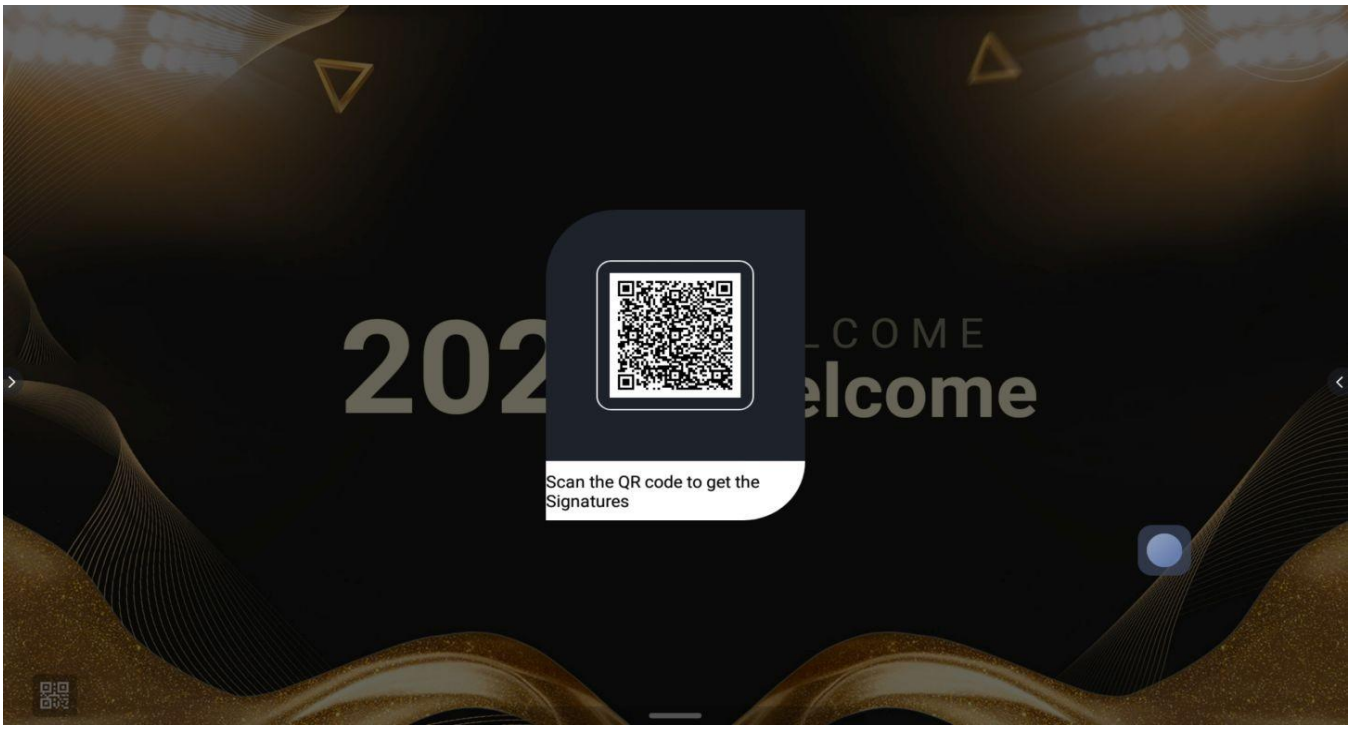


Press below button on the bottom of the screen，show the tools bar, user can select the pencil, or eraser tool，also can change pencil color or quite signature mode.

Tool bar status:



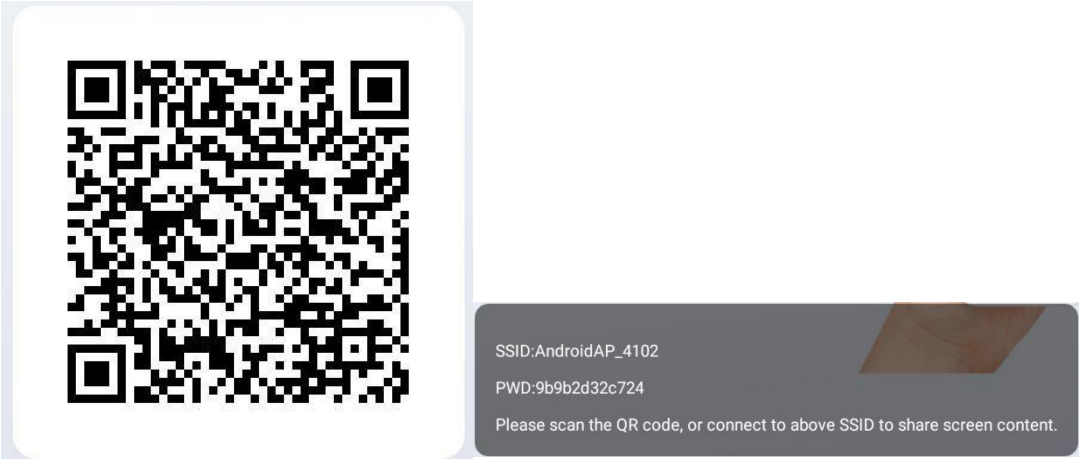
Press the left bottom QR code icon to share the signature



10. Screen share

Press to open the screen share as below:

10. 1 Screen share hotspot



User can change screen share hotspot SSID and password in Setting –> network –> hotspot.

10. 2 Android phone screen share

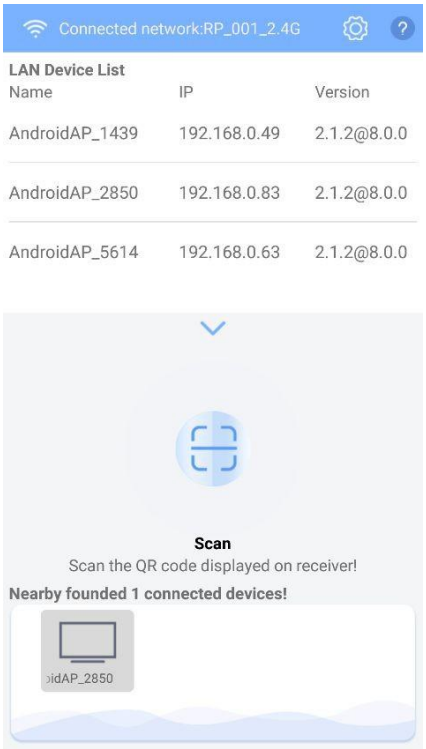
- Scan the QR code on the screen to download and install the screen share app to the androidphone.
- Turn on the Wi-Fi of the android phone， open the screen share app on the phone, select the device name in the Device List and go into below page:

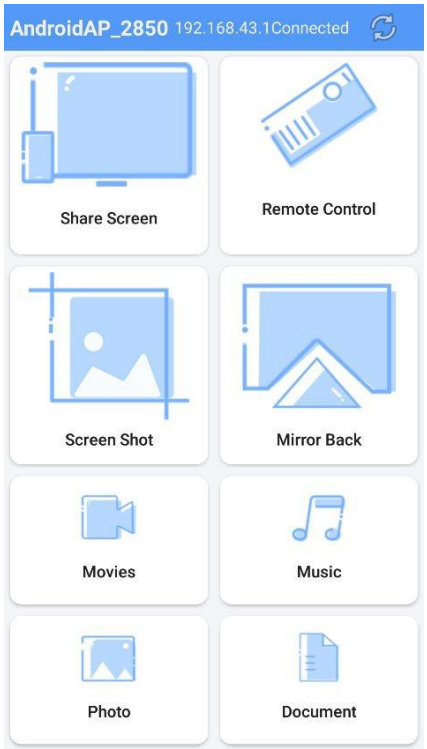
  Press “Share Screen” to share screen to the selected device.

  Press “Remote Control”, the android phone will be in Remote controller mode of the selected device.

  Press “Screen Shot” to print device screen and download to the android phone.

  Press “Mirror Back” to share the selected device screen back to the android phone.

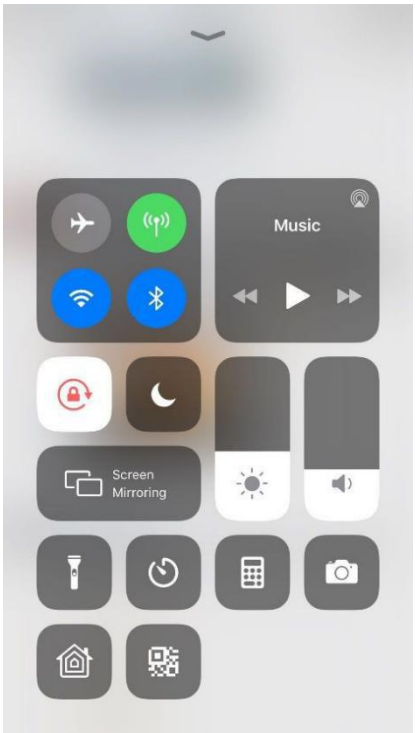




10. 3 IPhone screen share

- Start the app on the device.
- Turn on the Wi-Fi of iPhone，and connect to the same Wi-Fi AP with device.

- Slide from the bottom of the iPhone screen to open below tool page，press screen mirroring.
- In screen mirroring list select the device.

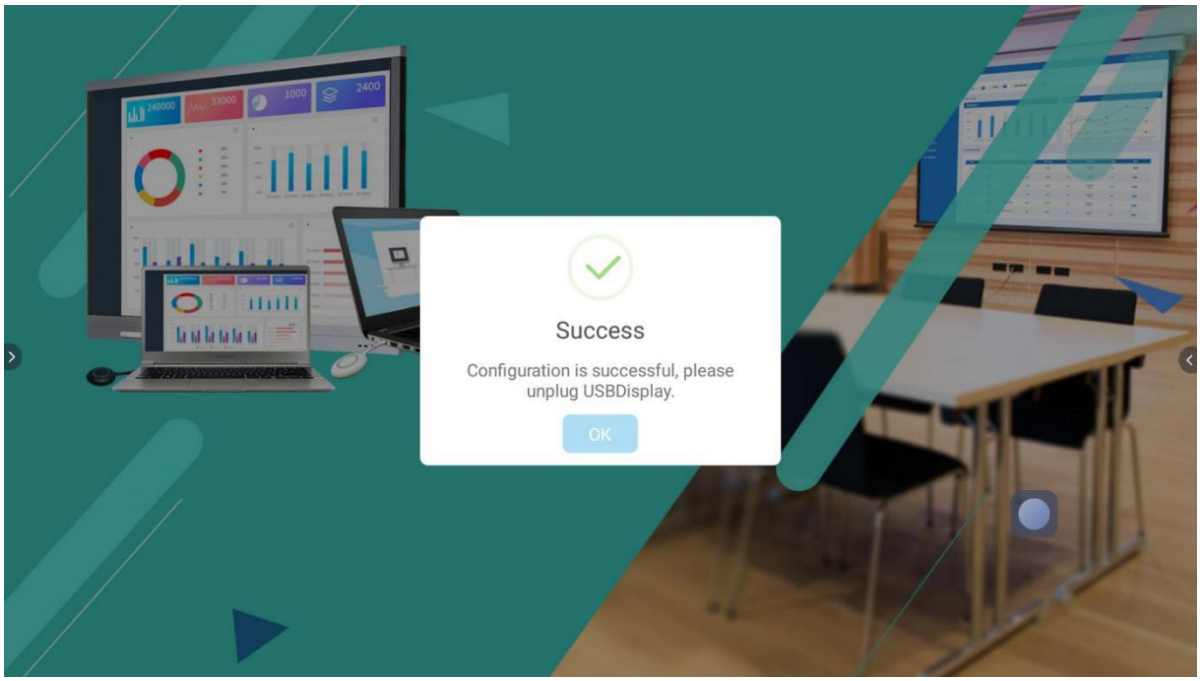


10. 4 PC screen share

PC screen mirroring need dongle as below:

10. 4. 1 Dongle pair with the device

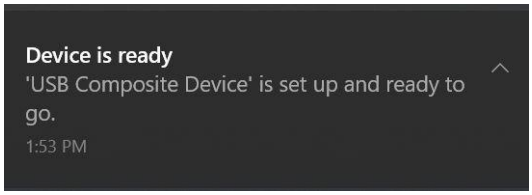
Insert the dongle to the device USB port, it will pair automatically. When the pare process is finished, the screen will show as below:



10. 4. 2 Dongle pair with PC

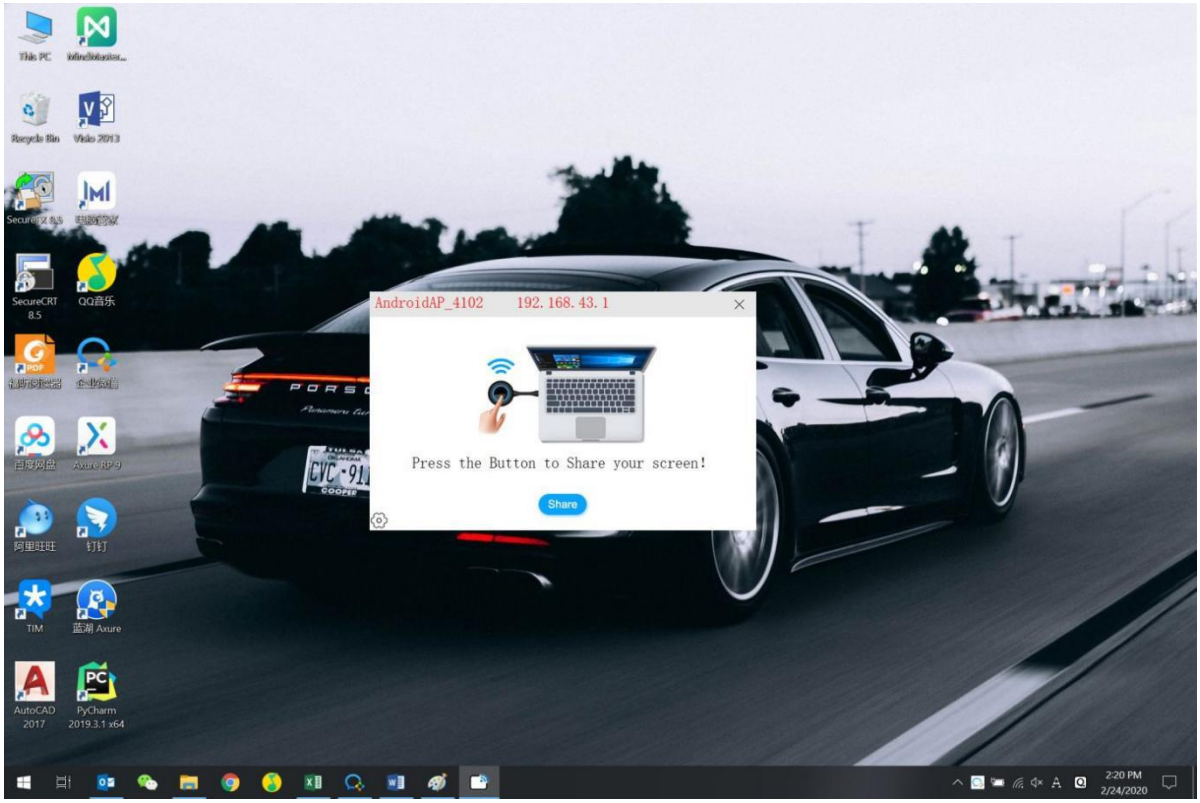
Connect the dongle to the PC USB port

- Driver will installed automatically, after the driver is ready, it will show below information on the PC screen:



- Manually install: open the “This PC”, double click below icon to install the driver.

- With PC and dongle paired. Below window will show on the PC screen. Press the button of the dongle to start screen mirroring. Press the button again to stop screen mirroring.



FCC Caution.

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.

***RF warning for Portable device:**
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

***RF warning for Mobile device:**
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.