:
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.
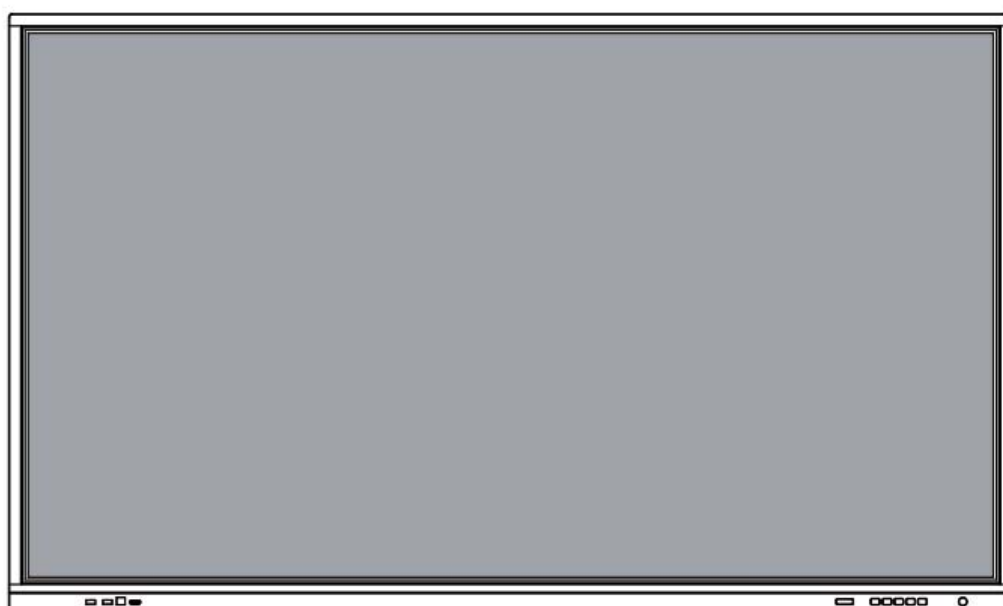
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate 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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.
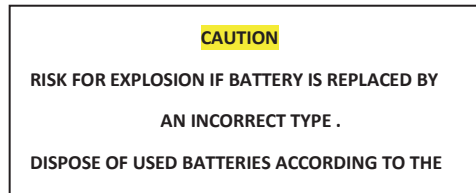
INTERACTIVE FLAT PANEL
USER MANUAL

WARNING

a. The mains plug is used as disconnect device.   For PLUGGABLE EQUIPMENT, the socket-outlet shall be installed near the equipment and shall be easily accessible.
b. AC voltage
c.

> **CAUTION**
>
> **RISK FOR EXPLOSION IF BATTERY IS REPLACED BY**
>
> **AN INCORRECT TYPE .**
>
> **DISPOSE OF USED BATTERIES ACCORDING TO THE**

d. For indoor use only

e. RECYCLING

This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. User has the choice to give his product to a competent recycling organization or to the retailer when he buys an new electrical or electronic equipment.

Important safety instructions

Thank you for purchasing our product. The product have passed the rigorous testing before delivery, but incorrect usage may cause electric shock and fire. In order to ensure safety and extending the life of this product and providing the best performance of the machine, please read the following rules before using this product and observe the following safety instructions.

* In the event of any of the following conditions, unplug the machine from the outlet and ask qualified maintenance personnel for service:

a. The power wire or power plug is damaged or worn out.

b. The machine fell or the case is damaged.

c. There is obvious abnormality. You operate

according to instructions, but the machine still does not work.

d. Foreign body or liquid enters the machine.

e. There are unusual sounds or gas emitted.
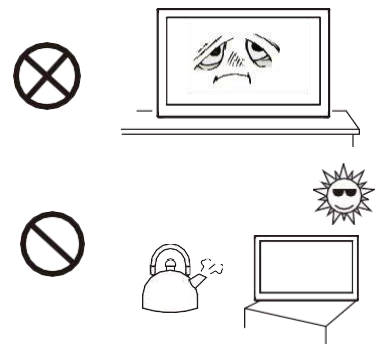
* The machine has high pressure. In order to prevent the

occurrence of danger, please do not open the device.

If you need maintenance, please ask technical support for help.
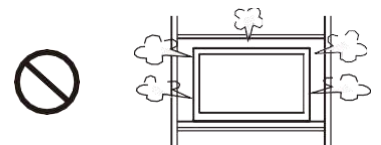
* Keep the product in a well-ventilated area. Do not place the

product in an too heated, cold and humid environment. Do not

place it under direct sunlight.

* The holes in the case are designed for ventilation and cooling to ensure long

-term reliable operation of the components inside the machine and

prevent overheating. When placing the machine, It's important to

pay attention to prevent plugging holes.
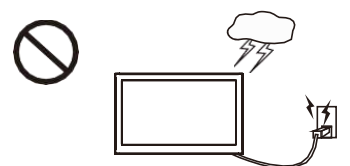
* Do not place the product in embedded device unless there is a good ventilation device.

* Do not place the unit on an unstable level. Prevent falling or damage.

* Do not use the product where is closing water or wet basements and other similar environments.

* Remember to unplug the power wire when cleaning. Please use a slightly damp soft cloth gently wipe the machine lightly instead of liquid or spray cleaner and alcohol, solvents or ammonia-containing liquid.
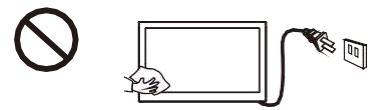
* Before using this machine, please read and understand all the instructions and indications and keep the user manual for future usage.

* Do not use the parts which are not recommended by the manufacturer to avoid danger.

* Power wire should be properly placed to avoid being trampled and objects squeezed.

* Do not overload the power outlet or extend the length of power wire to avoid fire and electric shock.

* All specifications in this manual and the packaging are subject to change without notice. If there is a slight difference between the manual and the actual operation, please take the actual operation as the standard.

* When the power plug or appliance coupling agent is used as a disconnect device, the disconnect device should be easy to operate.

* The machine should not suffer water droplets or splashes.
Do not place containers containing water (or other liquids, etc.)
 on the product, because it may result in fire or electric shock.
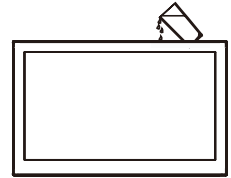
* The power plug should be fully inserted into   the power outlet. If it is loose may
cause sparks and fire.

* Do not place flammable and explosive materials near the product.

* Please do not put any sharp objects, metal or liquid into or touch the signal
connector or heat dissipation hole to avoid short circuit, damage product and electric
shock.

* Do not use the product immediately after moving it from a low temperature place to
high temperature or facing the air conditioner. These may cause condensation inside
the machine and malfunction.

* Move the product carefully to avoid hit. It's important to protect the screen section.
In addition, if use trolley, it's necessary to beware of the damage caused by the sudden
braking, excessive force, and uneven ground.

Note:
The contents of this document may be updated from time to time due to product
version upgrades or other reasons. Unless otherwise agreed, this document is provided
as a guide only, and all statements, information, and recommendations in this
document are not warranties of any kind, express or implied.

Android OS Manual
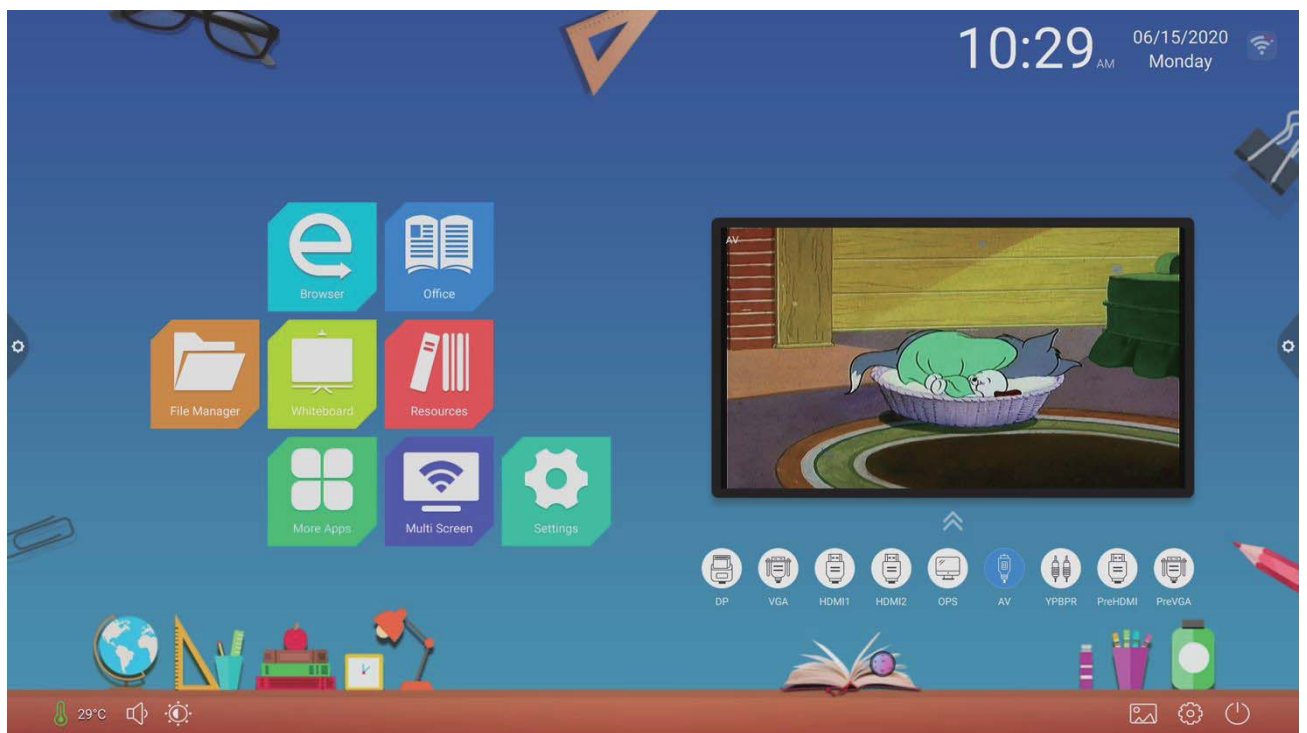
I. System description

1.1 Conference System launcher

After booting, the default is to enter the main interface of the system.
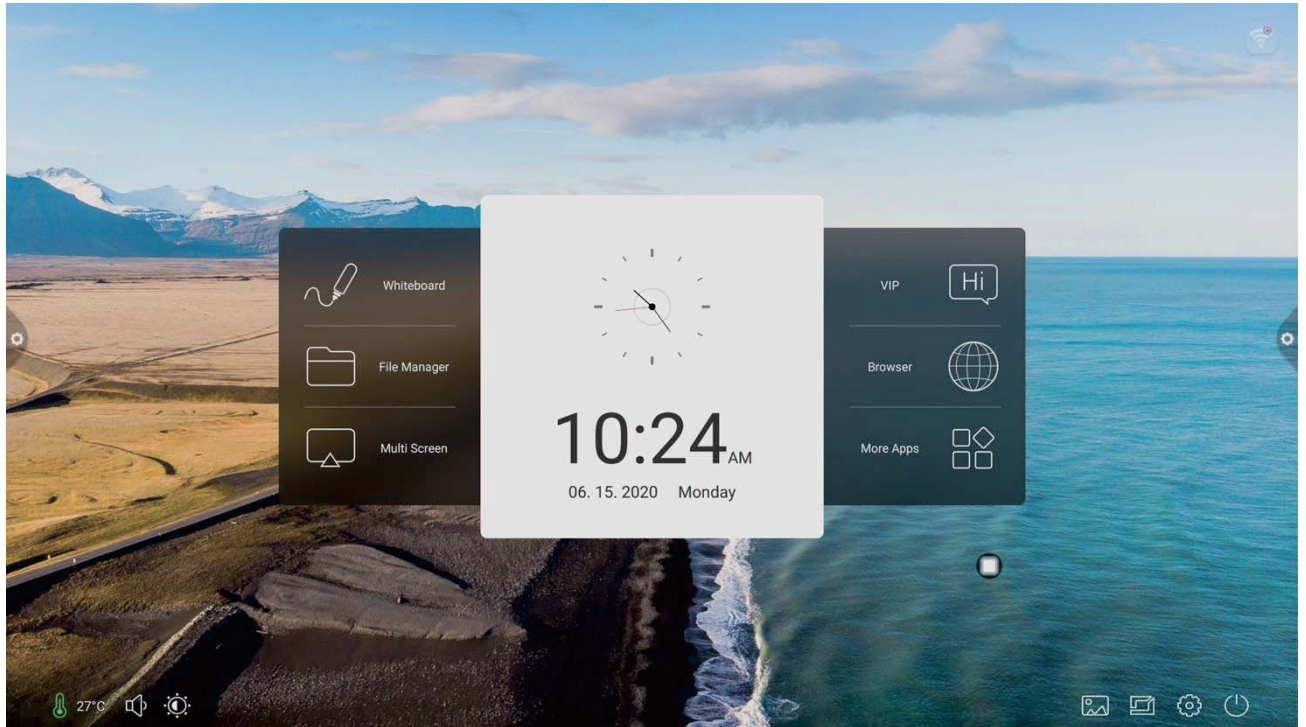
1.2 Sidebar

1.2.1 Features

The sidebar is divided into left and right sidebars, click on the icon that is hovering on the left/right side of the

screen, such as ⬦ ⬦ to bring up the sidebar, The function keys in turn that are expanded are: return, home page, task, annotation, signal source, and notification center.
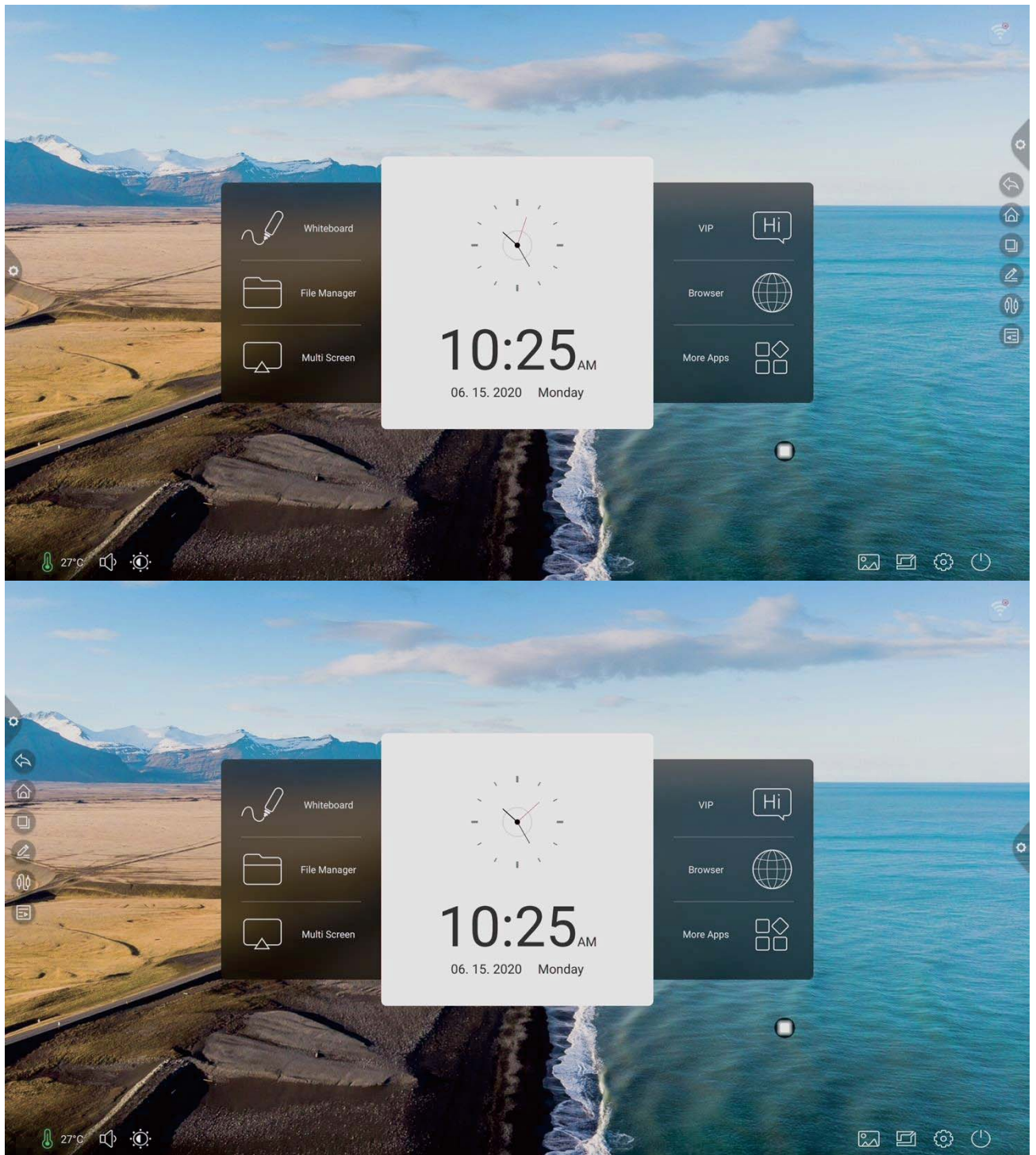
1. Return

Click [icon] icon to return or exit the current program.

2. Home

Click [icon] icon to enter the main interface of the system.

3.Task

Click ⬚ icon to enter the task management interface, you can choose to open or close the application.

（1）In the multitasking state, touch the task list area and slide up or down to view the task list.

（2）Touch the task thumbnail to slide left or right until you slide out of the task list area to release the thumbnail.

（3）Touch the task thumbnail to enter the task interface.
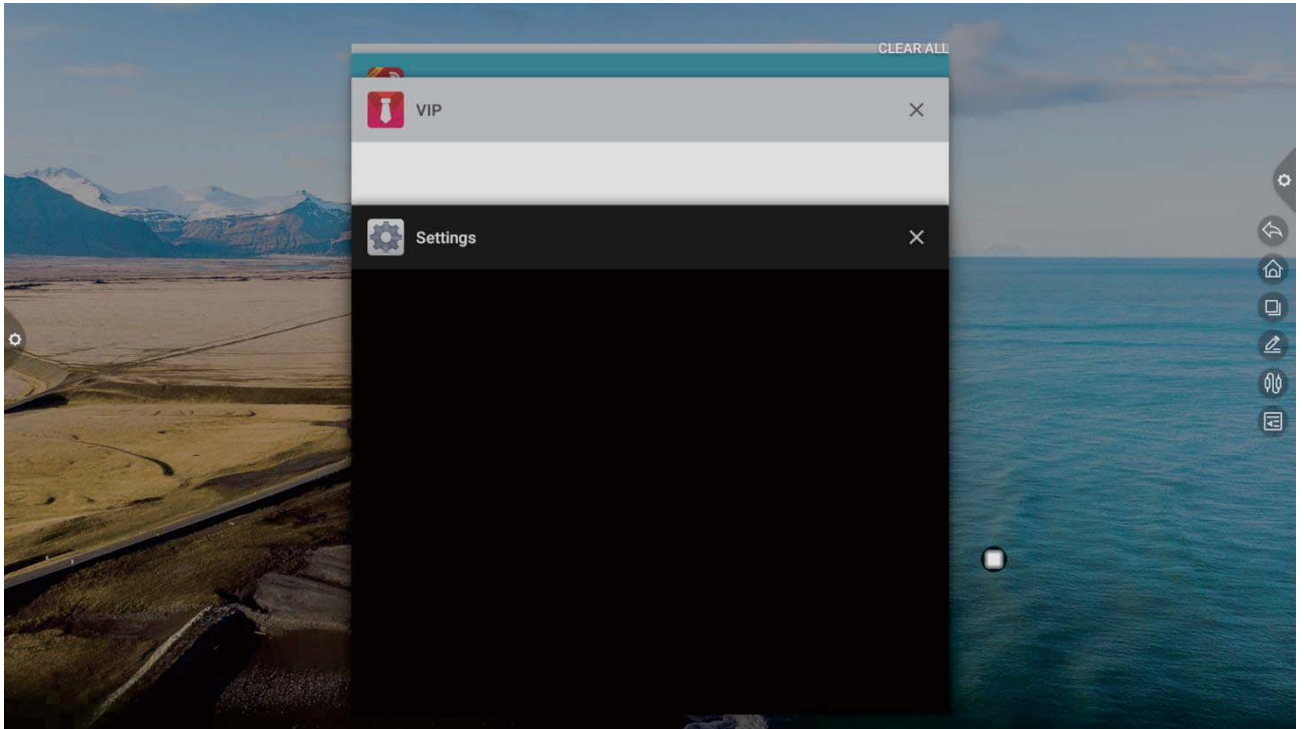
4.Annotation

Click ✎ icon,you can open the annotation.
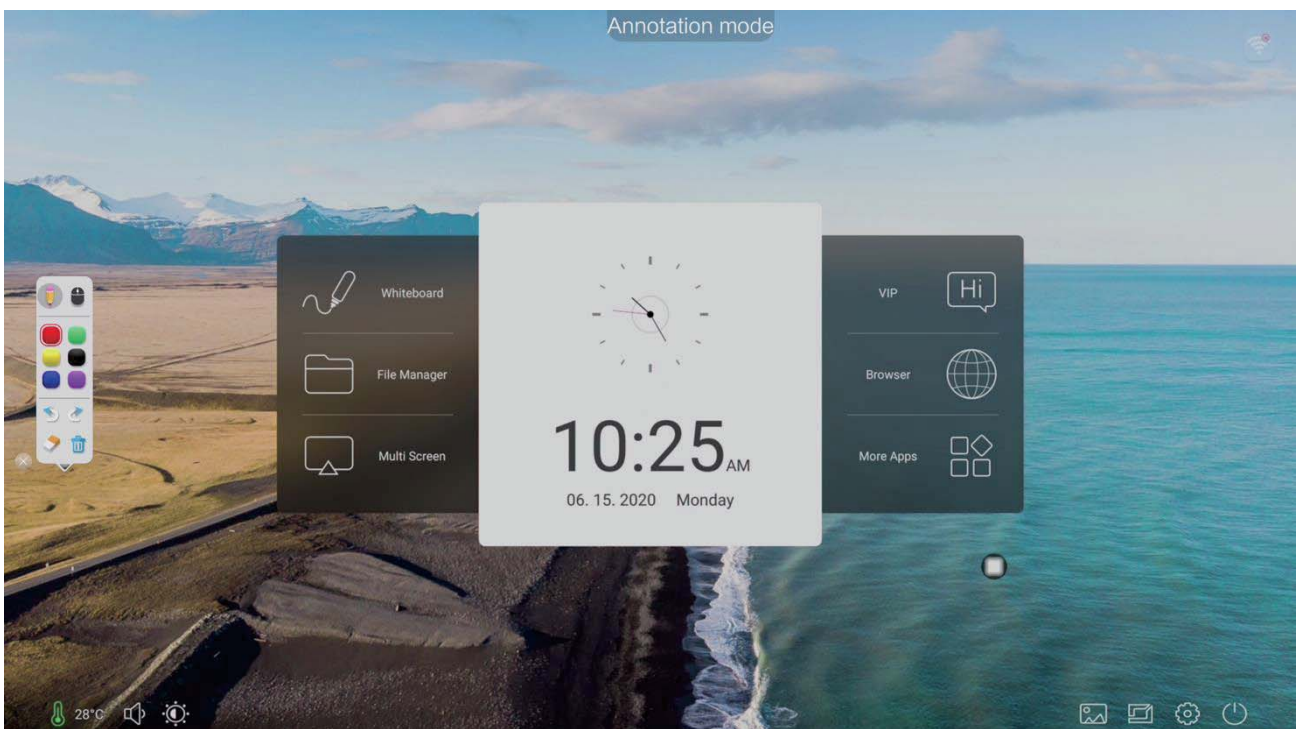
Toolbar   operation description:

Click   to open the brush mode , click the long press can call out the writing menu   , We can set the color and size of the brush.

Click   can open the eraser mode.

Click ：Currently in annotation mode, exit annotation mode, currently in non-annotation mode, enter the annotation new page

Click ：Open the annotation drop-down menu
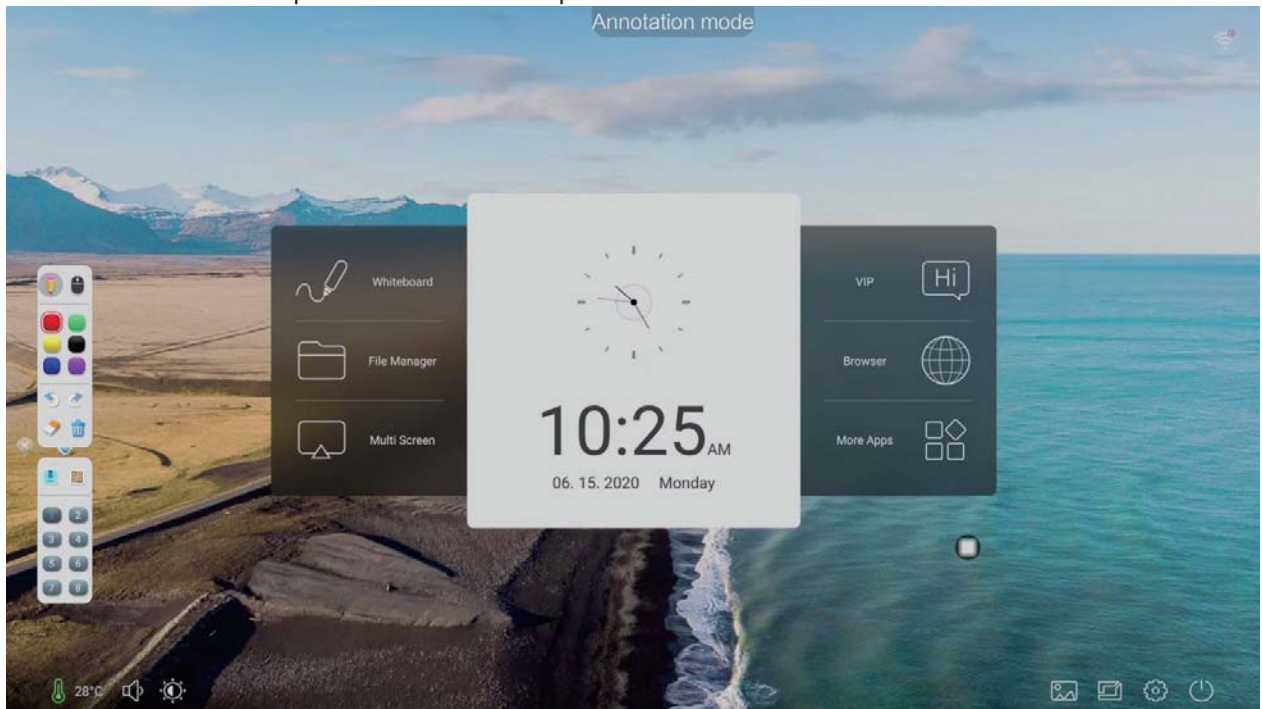
Click   scan QR code to share and sync the file to your mobile device.
Click can insert whiteboard.

Click   to exit the annotation mode.

5. Signal source

Click   the icon to call up the source channel list, and the user can choose to switch the desired channel.
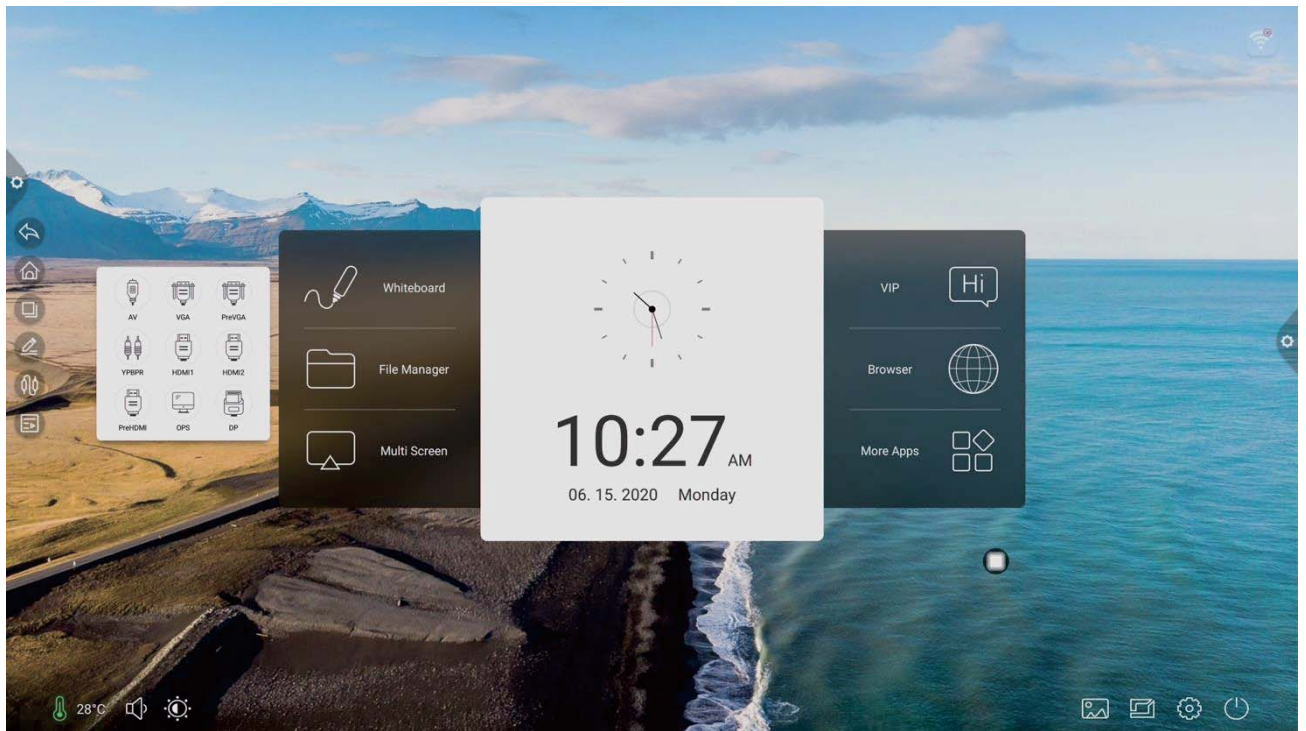
6. Notification panel

Click the icon to call up the notification panel as shown below. The Notification Center panel contains calendar, screen lock, power save, screen capture, screen recording, camera, timer, and custom add app.
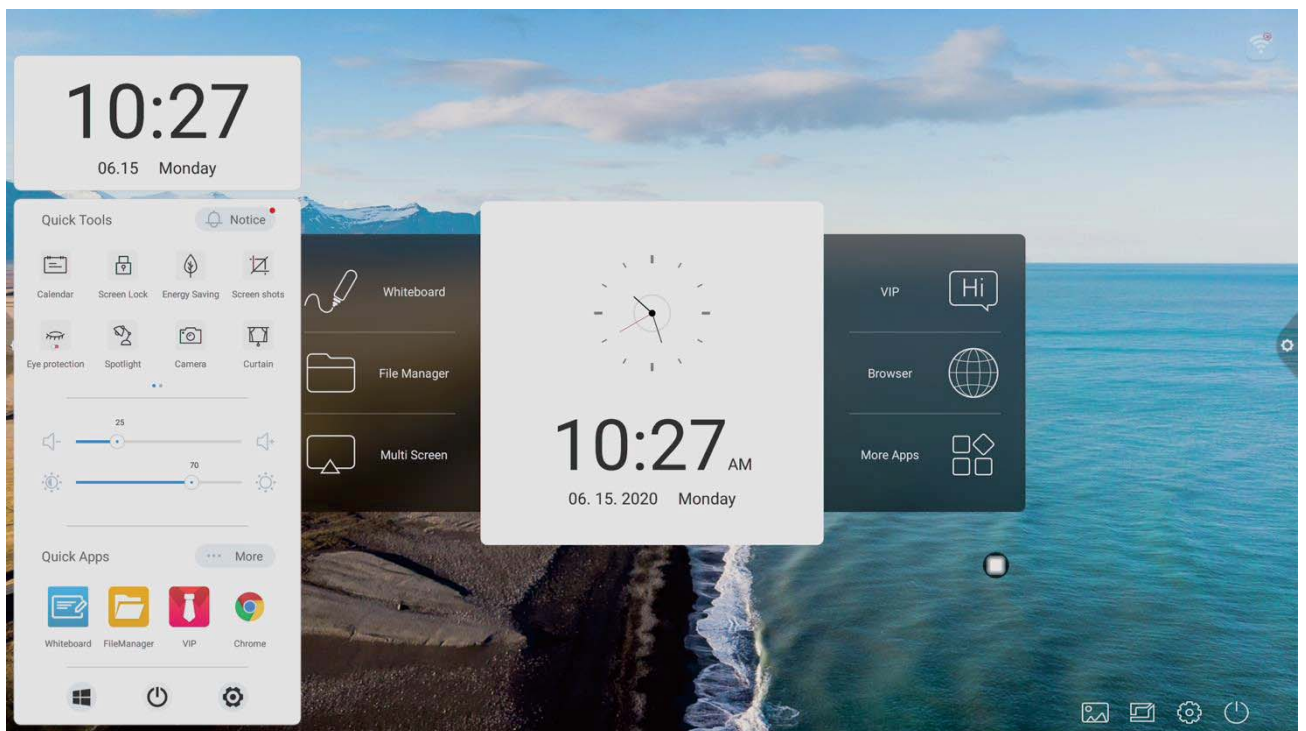
1.3 Notification panel

1.3.1 The way out

1. Click the [icon] icon in the navigation bar, as shown
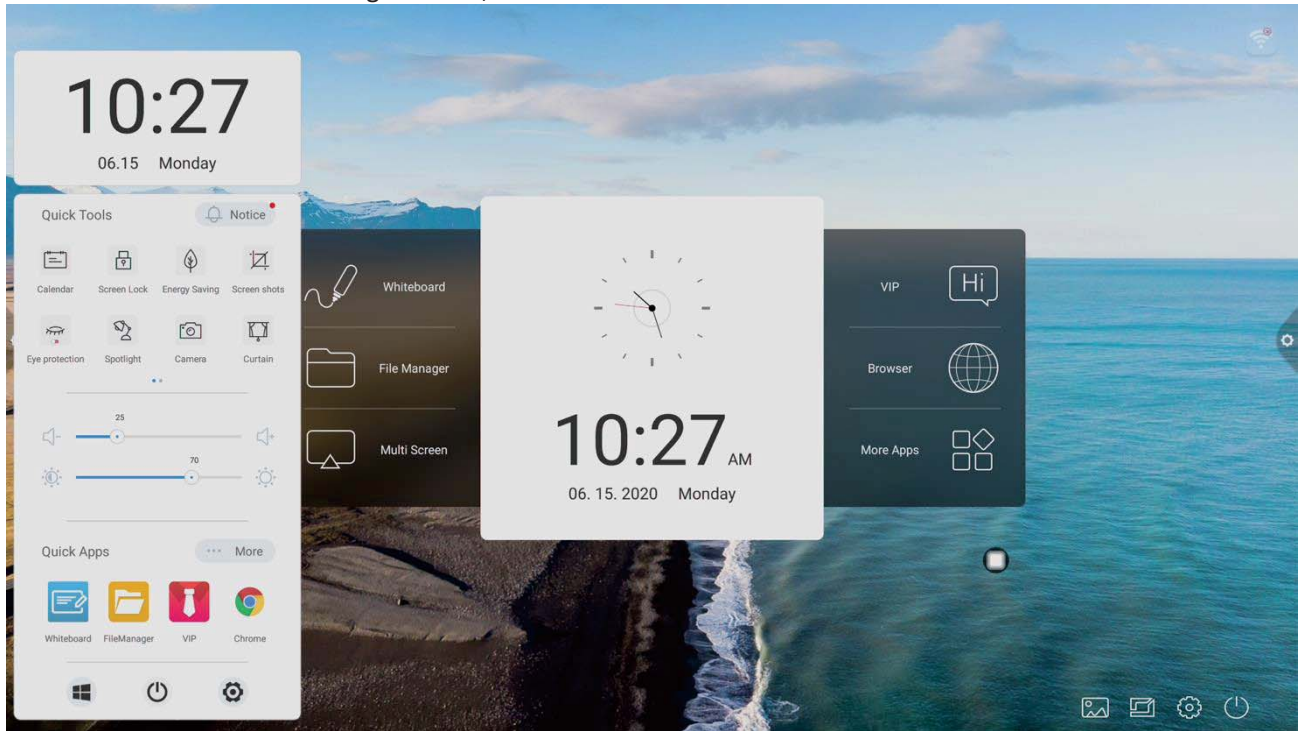
1.3.2 Function introduction

1. Calendar
Click [icon] the icon in the notification panel to bring up the calendar display interface, and the user can view the time and mark the addition event.

2. Screen lock
Click [icon] the icon，The system enters the lock screen state, and the touch, button, and remote control functions are all locked and cannot be used.
The unlock method is as follows:

（1）Password unlock: Click screen, enter 2580 in turn, click OK to unlock. (The initial password is 2580, the user can enter the settings to change the password)

（2）Remote unlock: Press the remote control F9 to quickly unlock.

（3）Combination key unlock: Press the signal source key twice, then press the sound to increase, and the sound to decrease.
Note: It is only possible to add or subtract sounds under the signal source interface.

3. Energy saving
Click [icon] icon to enter the screen backlight state, touch the screen or use the button, remote control energy save button to turn off energy saving.

4. Screen capture

Click ⬚ icon,It can realize full-screen screenshot and free screenshot of the screen.

5. Eye protection

Click 👁 icon to turn on or off the eye protection function

6. Spotlight

Click 🔦 icon to use spotlight function can be called up to highlight the content that needs to be highlighted.

7. Camera

Click 📷 icon to open the camera function

8. Curtain

Click ⬚ to open the curtain function and use the existing background template to block the screen content.

9. Customization

Click ⊞ icon to implement user-selected add-on applications.

10. Brightness and sound adjustment

Brightness adjustment：Touch slide backlight progress bar ☀━━●━━━━☀ ，user can adjust the brightness of the screen backlight.

Sound adjustment：Touch slide sound progress bar 🔉━●━━━🔊 ，user can adjust the conference machine sound size.

11. Notification bar
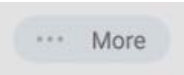
Click ⬠ icon to open system app notifications or third-party app notifications are displayed together on the notification bar, click Open, slide to delete.
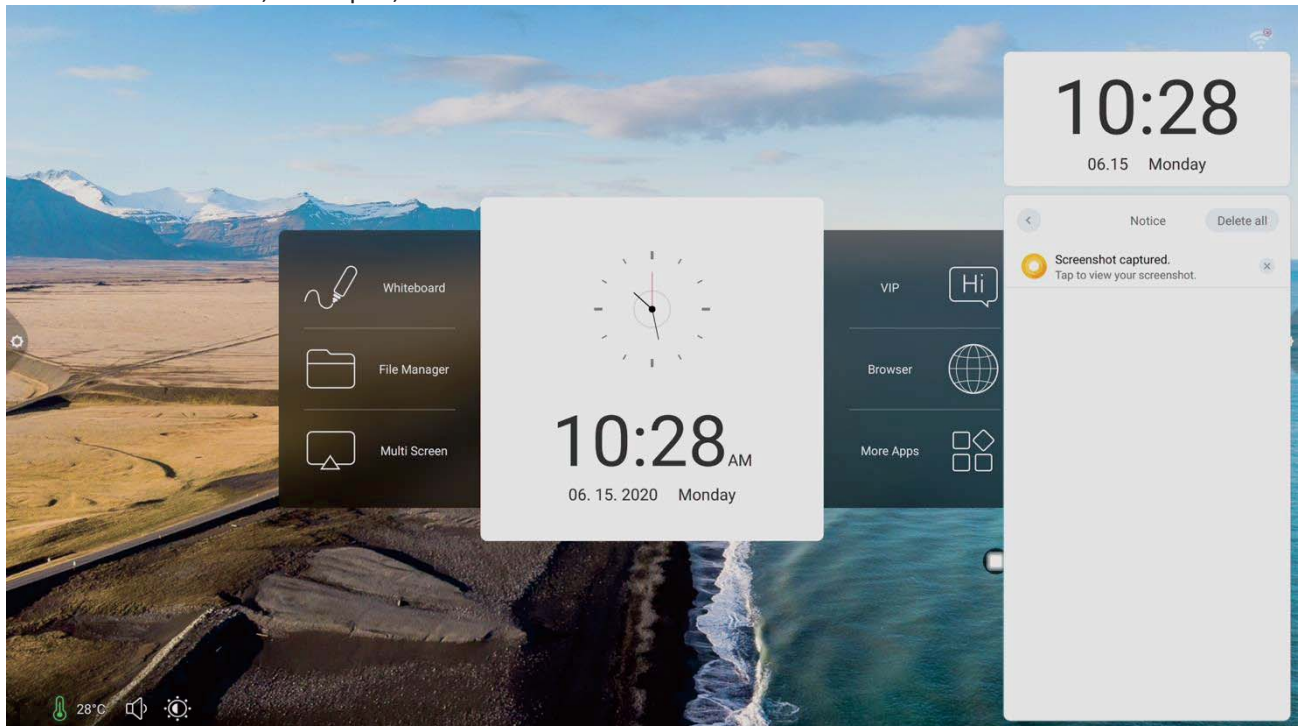
12. Quick application

　　(1) Click the icon to enter the corresponding application
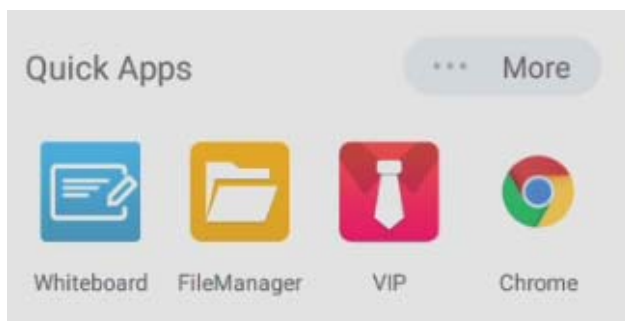
(2) Click ⋯ More to enter more applications
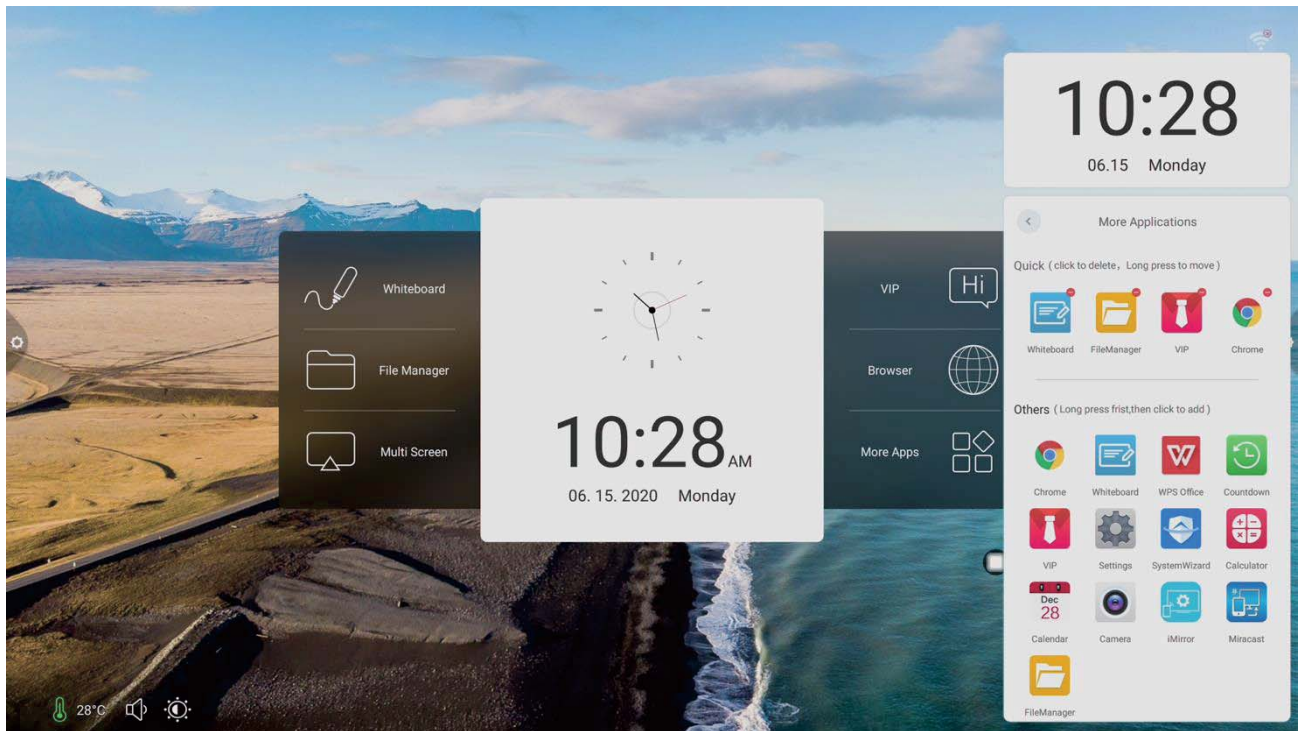
13. Bottom bar
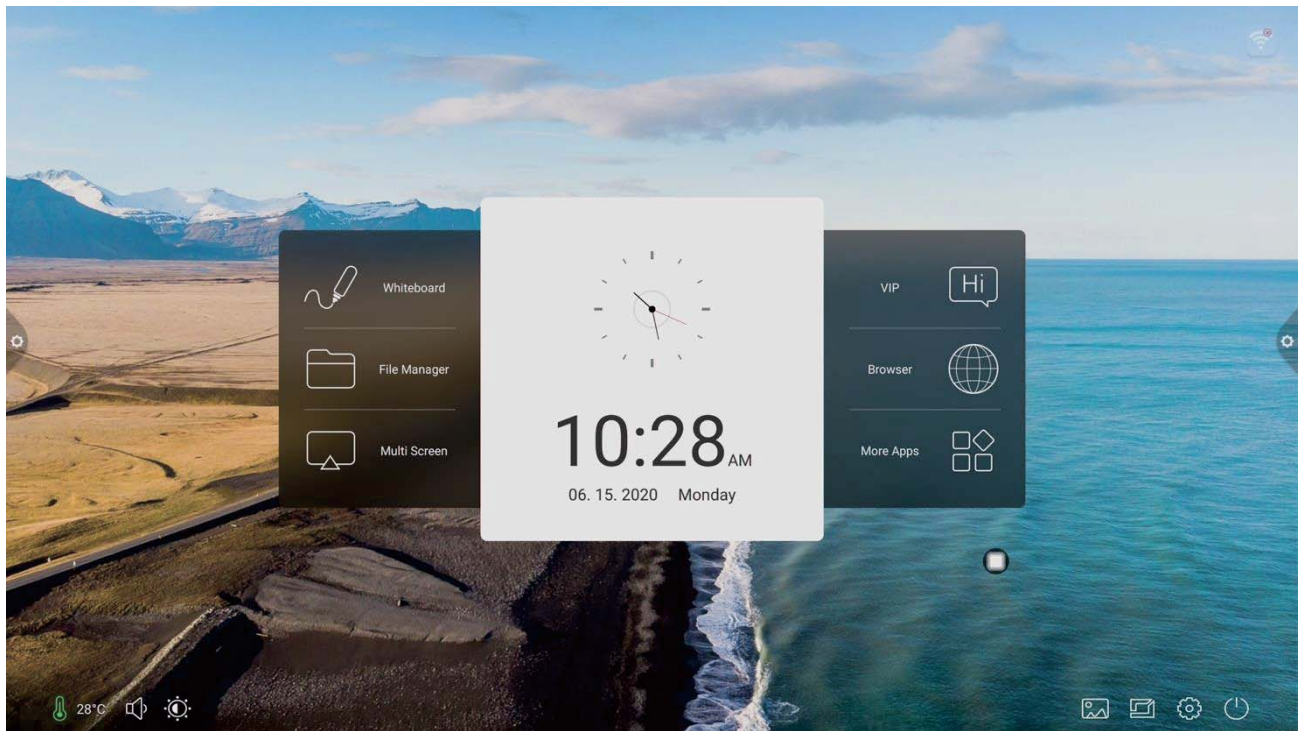

OPS: Click ⊞ icon, user can switch directly to the built-in computer channel.

Shut down: Click ⏻ icon, user can close the all-in-one.

Setting : Click ⚙ icon to enter the system settings interface.

1.4 Status bar

The status bar mainly displays the connection status of wired network, wireless network and visual access. As shown in the figure:

1. Connected

2. Not connected

3. ：shows the ambient temperature of the whole machine.

4. Click Drag the volume bar to adjust the system volume.

5. Click Drag the brightness bar to adjust the brightness.

6. Click to choose Wallpaper

7. Click to enter channel list
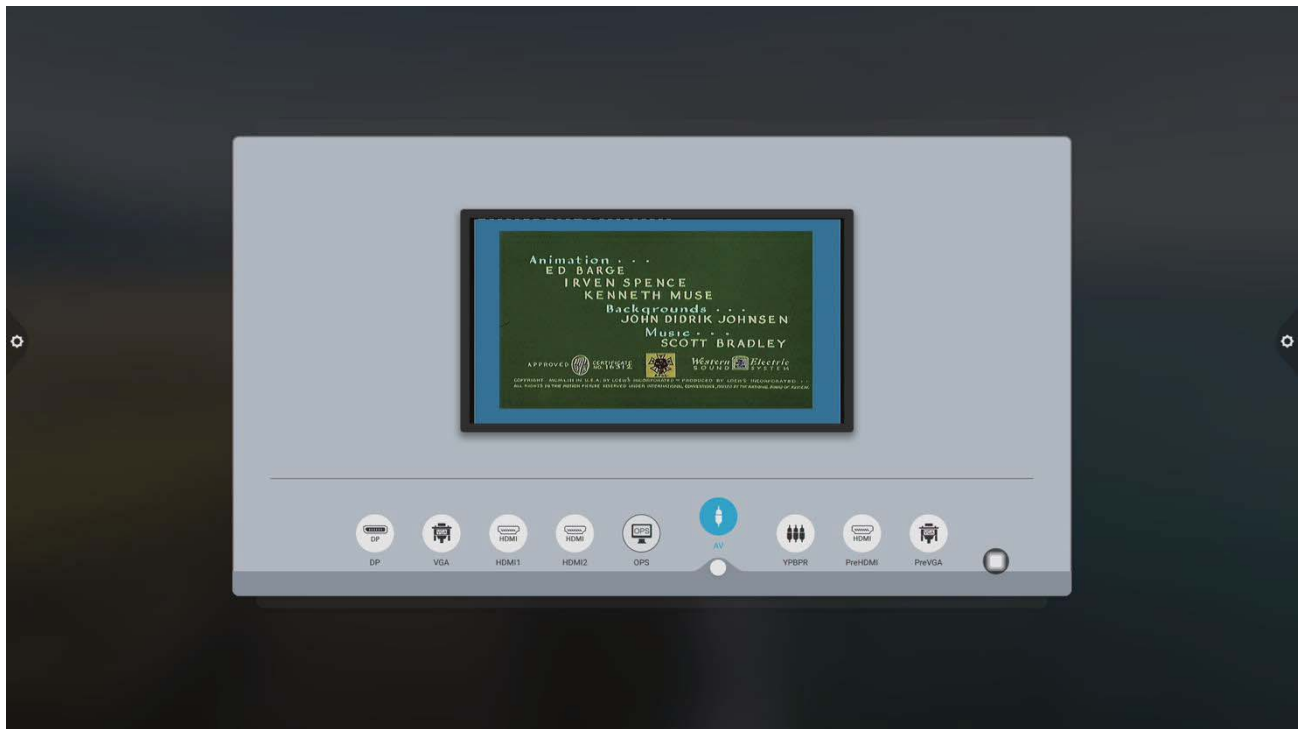
1.5 System settings

System settings include general, network, time, intelligence, channel and system function settings.

1.5.1 Personalization

1. General

The general settings interface can adjust the system's voice and brightness, change the system theme wallpaper, modify the device name and view the system application.
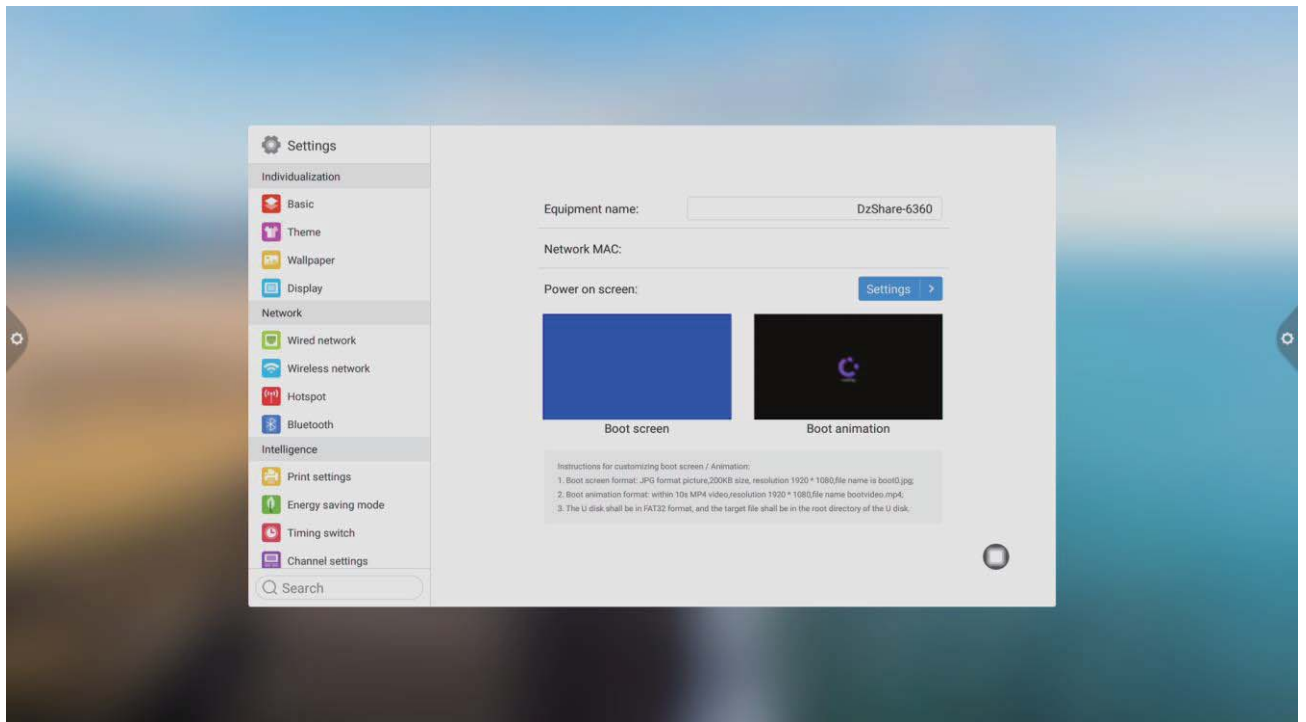
Name of device： Users can modify the name of the integrated machine in the name of device.
Customize the device name Network MAC: Display the MAC address of the currently connected network
Start-up screen/animation: display the current start-up screen/animation, click the setting to customize the start-up screen/animation (please follow the on-screen prompts when customizing the start-up screen and animation)

2. Theme

Humanized design, you can change the theme style. Click on the corresponding theme image to switch conference theme, education theme, technology theme, classic theme.
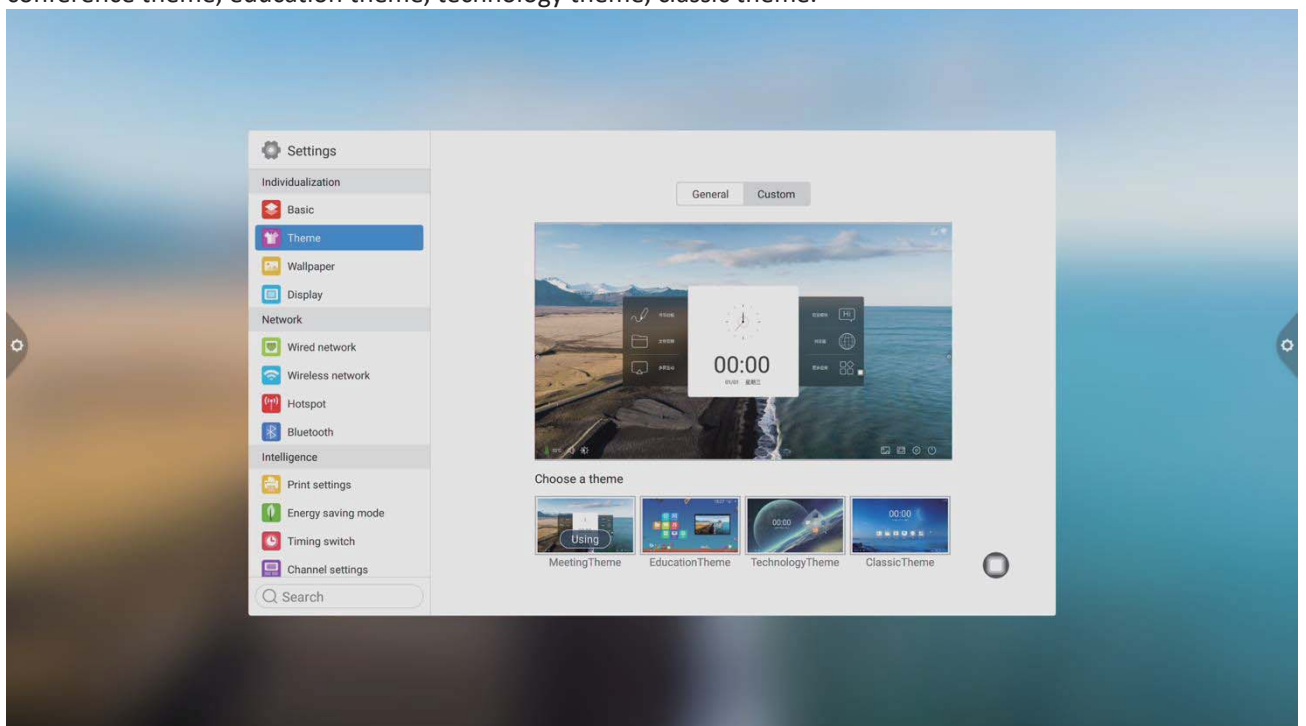
Conference theme
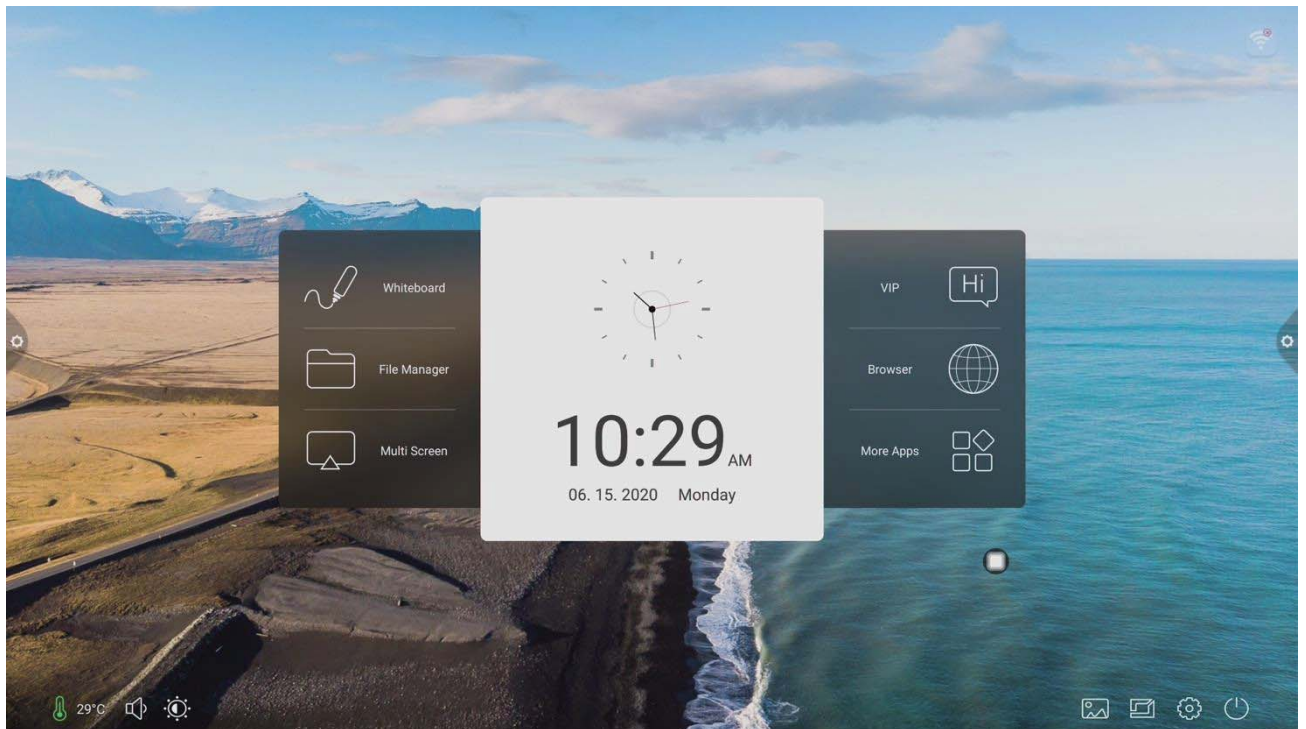
Education theme
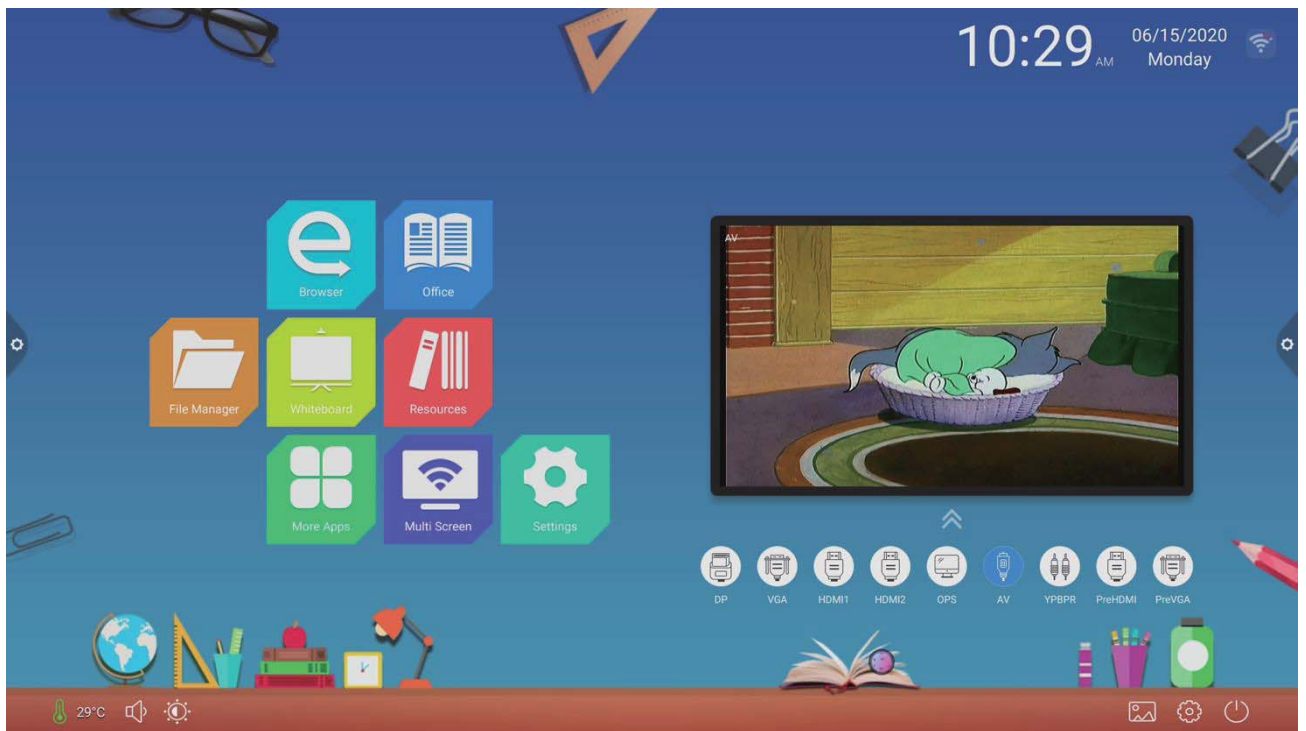
Technology theme

Classic theme
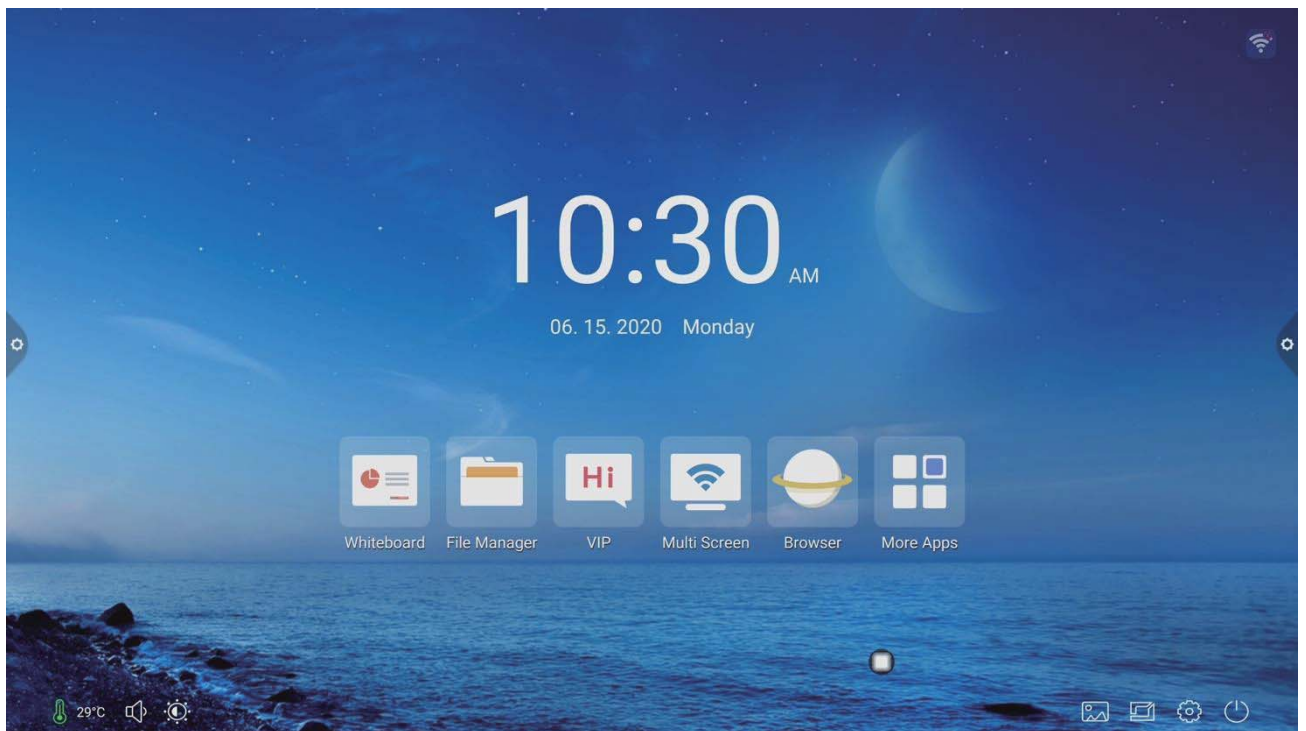
3. Wallpaper

Wallpaper has dynamic and static wallpaper or can be added by custom. Custom added wallpaper will be stored in static wallpaper and can be deleted by long press.
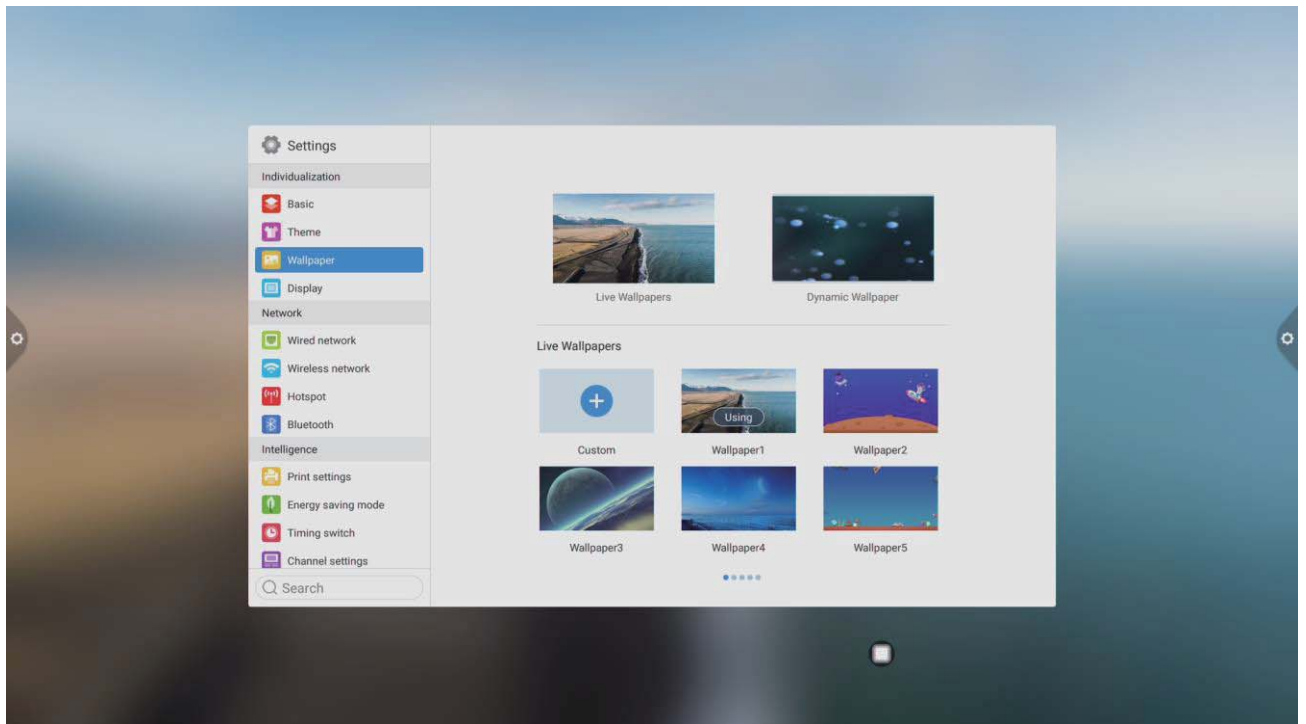
4. Display
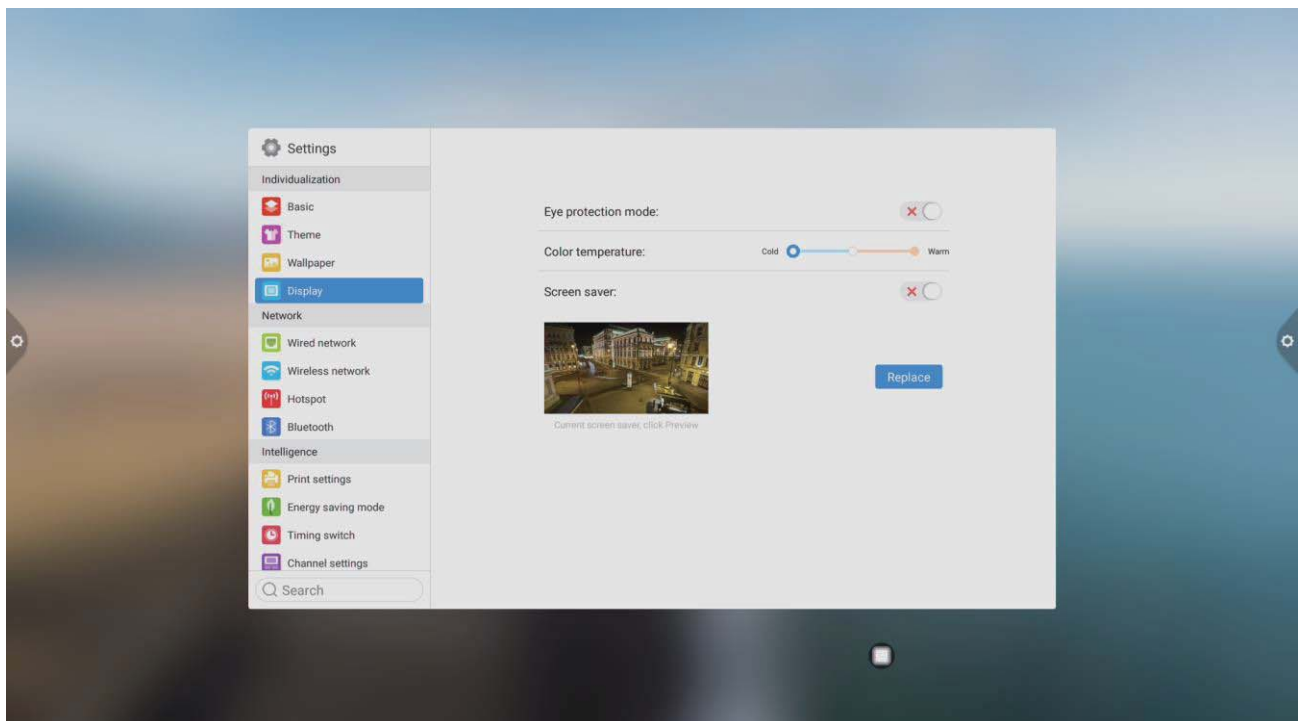
Users can modify the name of the integrated machine in the name of device.
Eye protection function: the current brightness decreases when turned on.
Color temperature adjustment: adjust color temperature.
Font size: adjust the page font size.
Screen saver: When turned on, enter screen saver mode after sleep.
Change screen saver: Click to change screen saver animation, users can add or delete static screen saver and dynamic screen saver by themselves.

1.5.2 Network

1. Wired network

Under the cable network interface, users can view the MAC address, IP address and other information. The automatic access to the IP address is opened by default, and the parameters such as the IP address and the subnet mask can be manually modified after the automatic acquisition is closed.
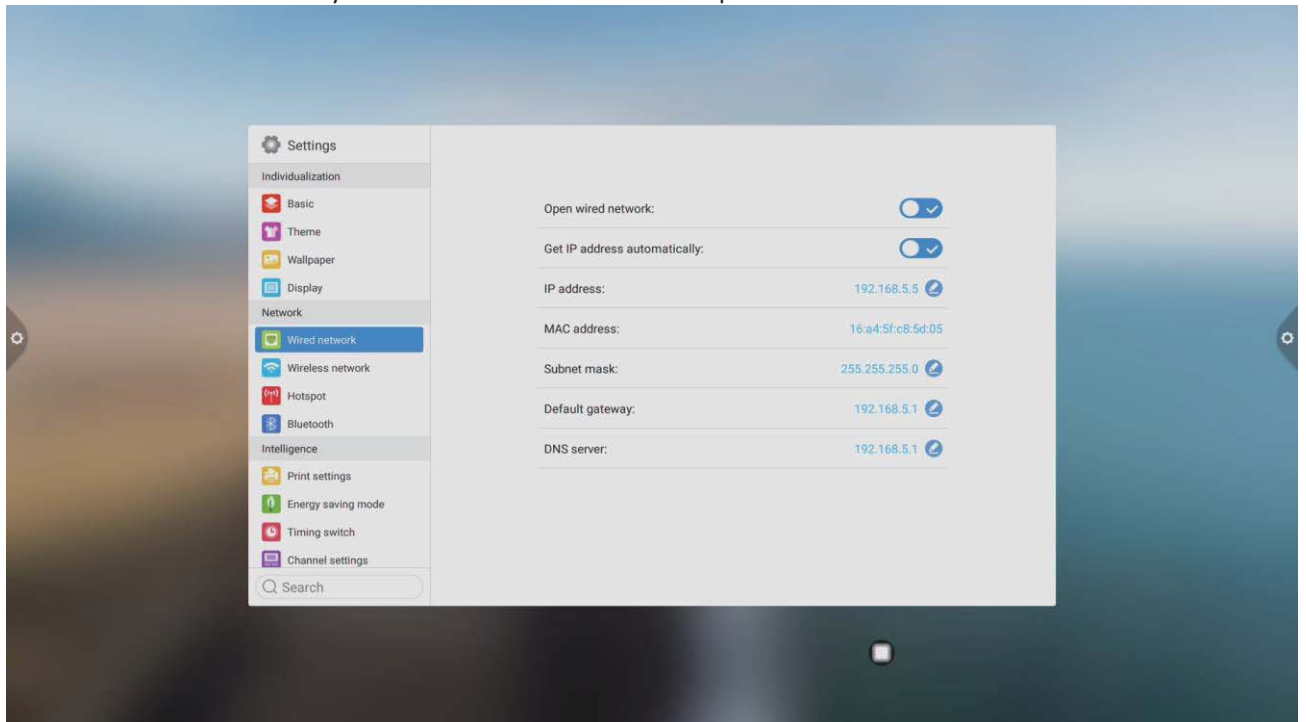
2. Wireless network

Turn on the wireless network switch button, which automatically gets the display of the available wireless network.
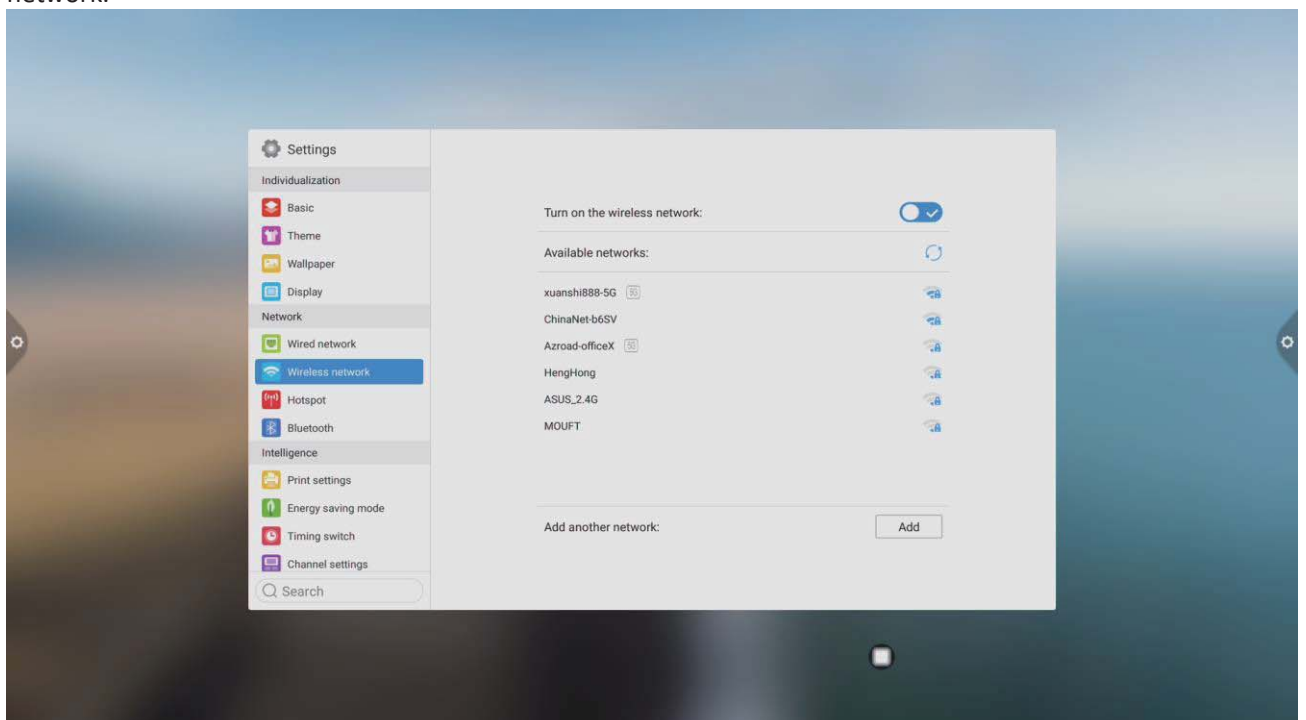
3. Hot spot

Under the 2.4 and 5G hot spot settings interface, users can change the hot name, security, password and other parameters.

Notice: 2.4G and 5G hot spot, 2.4G hot spot and wireless network can neither be opened at the same time.
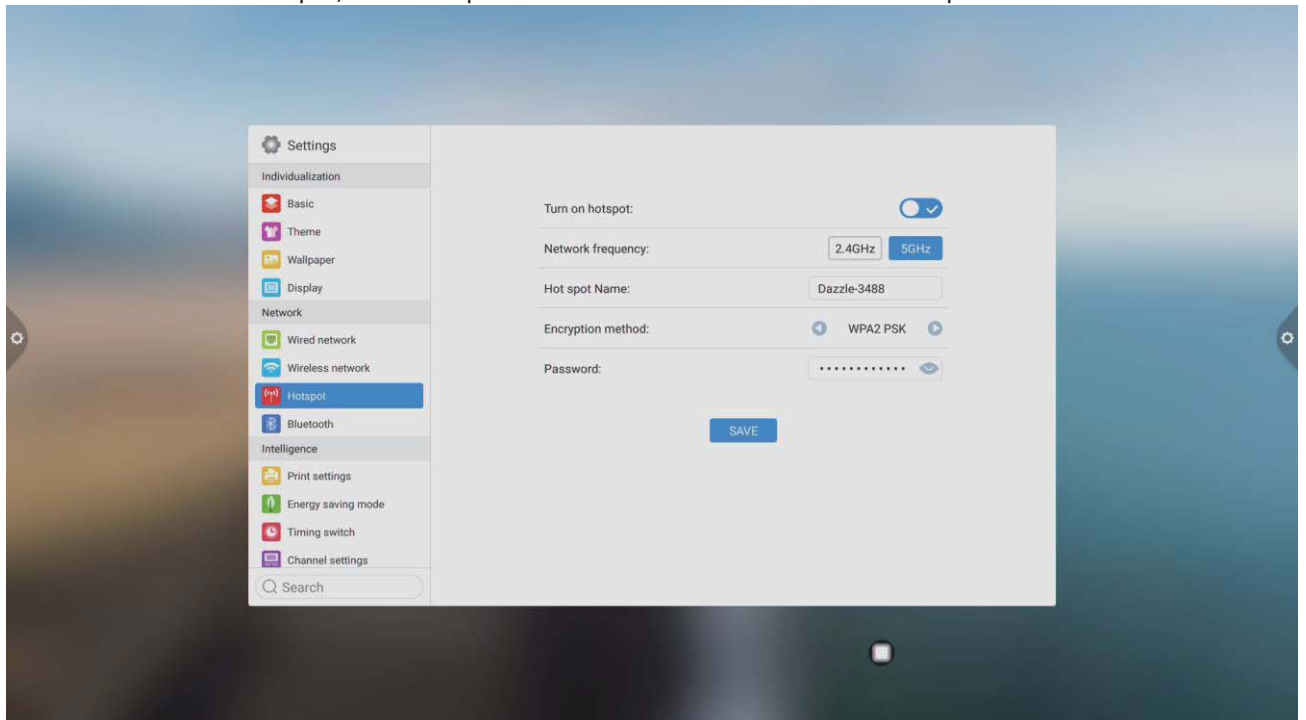
4. Bluetooth

When the integrated machine supports Bluetooth function, Bluetooth pairing can be implemented here to achieve Bluetooth transmission function.
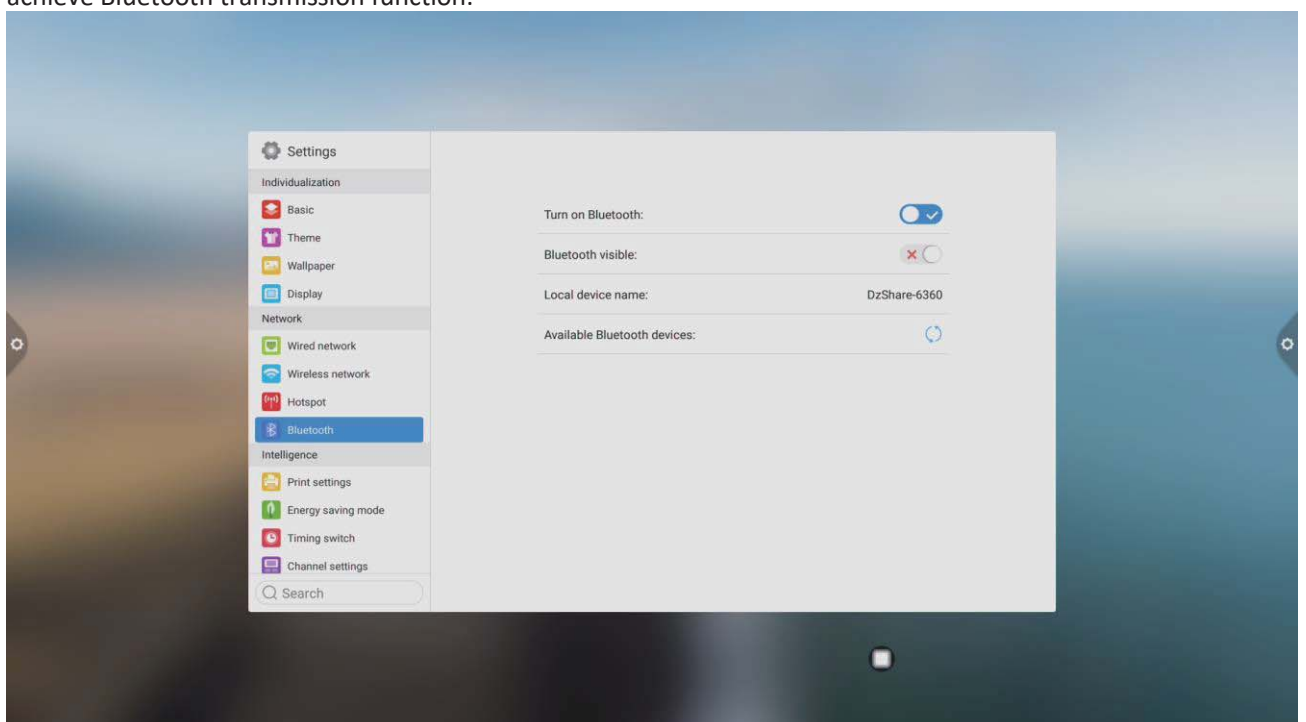
1.5.3 Intelligence

Under the intelligent settings interface, users can change the intelligent lock password. Standby mode, time switch machine and power button function could be set.

1. Print settings
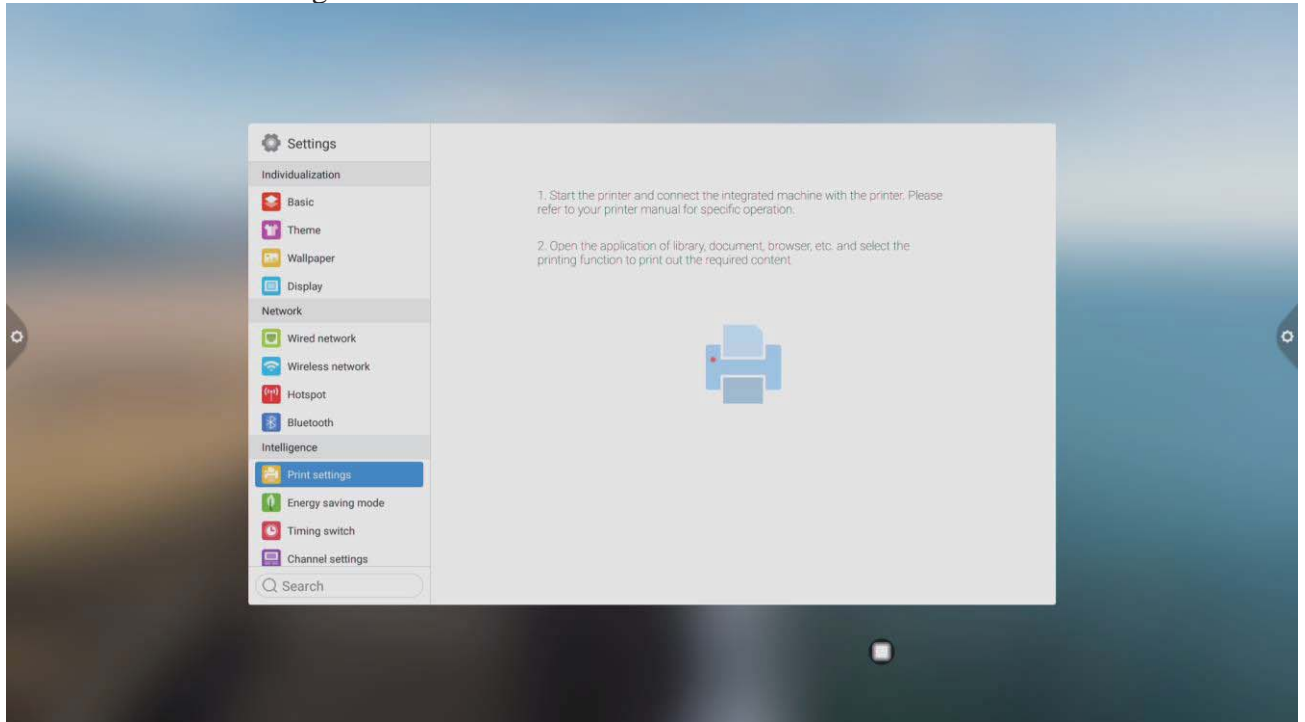
2. Energy-saving mode: Set the sleep time of the machine. After setting the sleep mode, it will be in the screen-hold state or screen saver state. The screen saver can be customized.
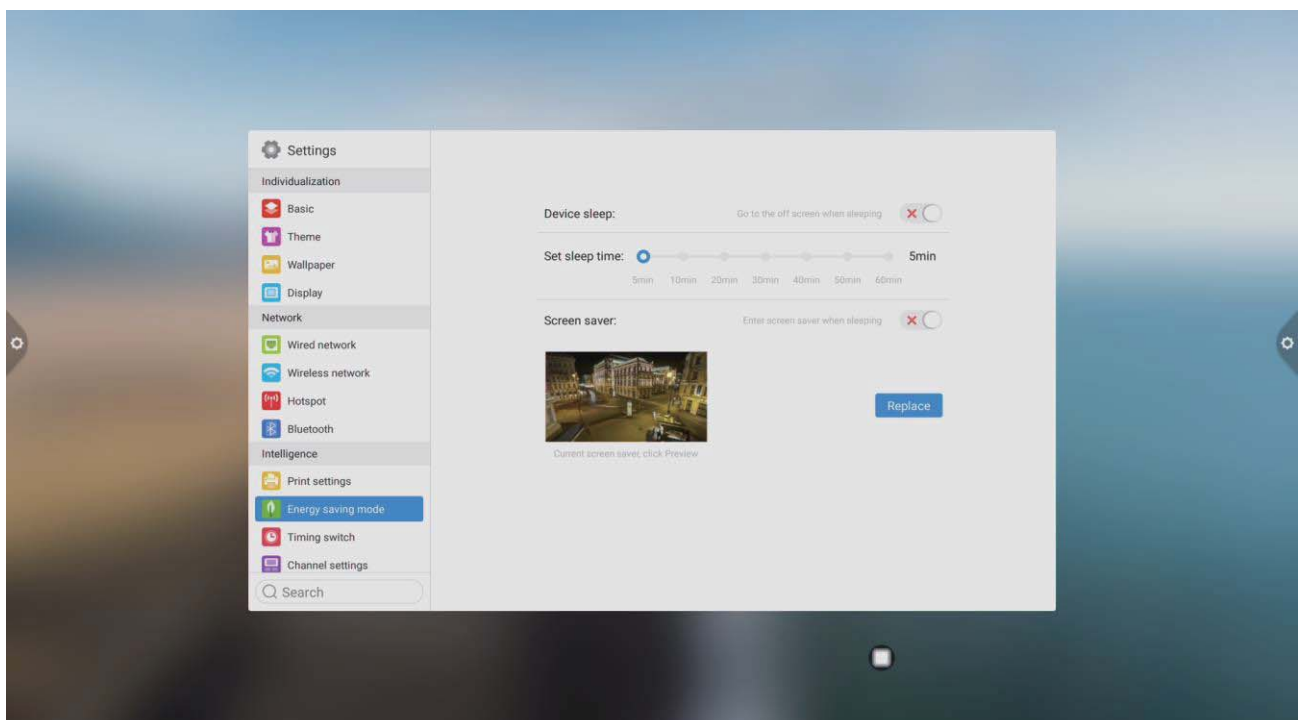
After changing the screen saver, you can customize the screen saver (the picture is a static screen saver, the video is a dynamic screen saver), and you can delete it by clicking the delete icon

3. Timed power on/off: After setting the power-on time and power-off time, the system will automatically power on or power off when the set time is up.
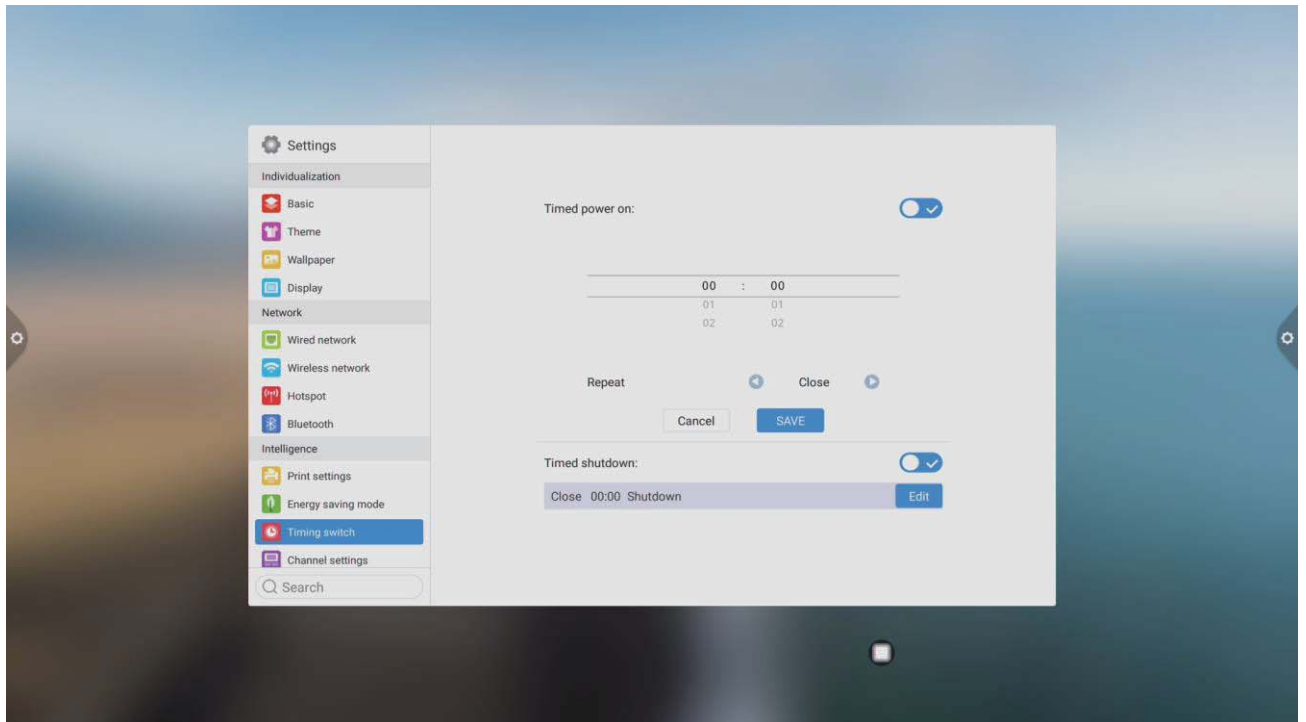
4. Channel settings
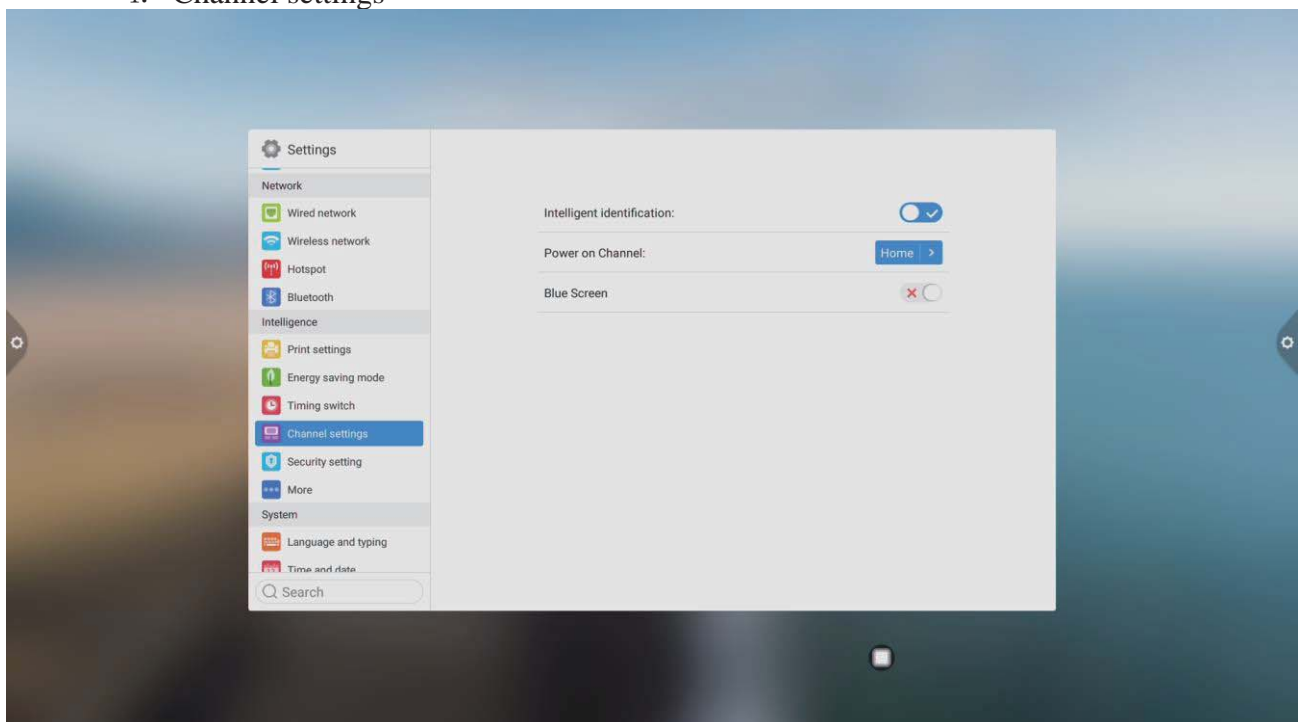
Click ![>] to set the boot channel or click ![edit] to custom channel name
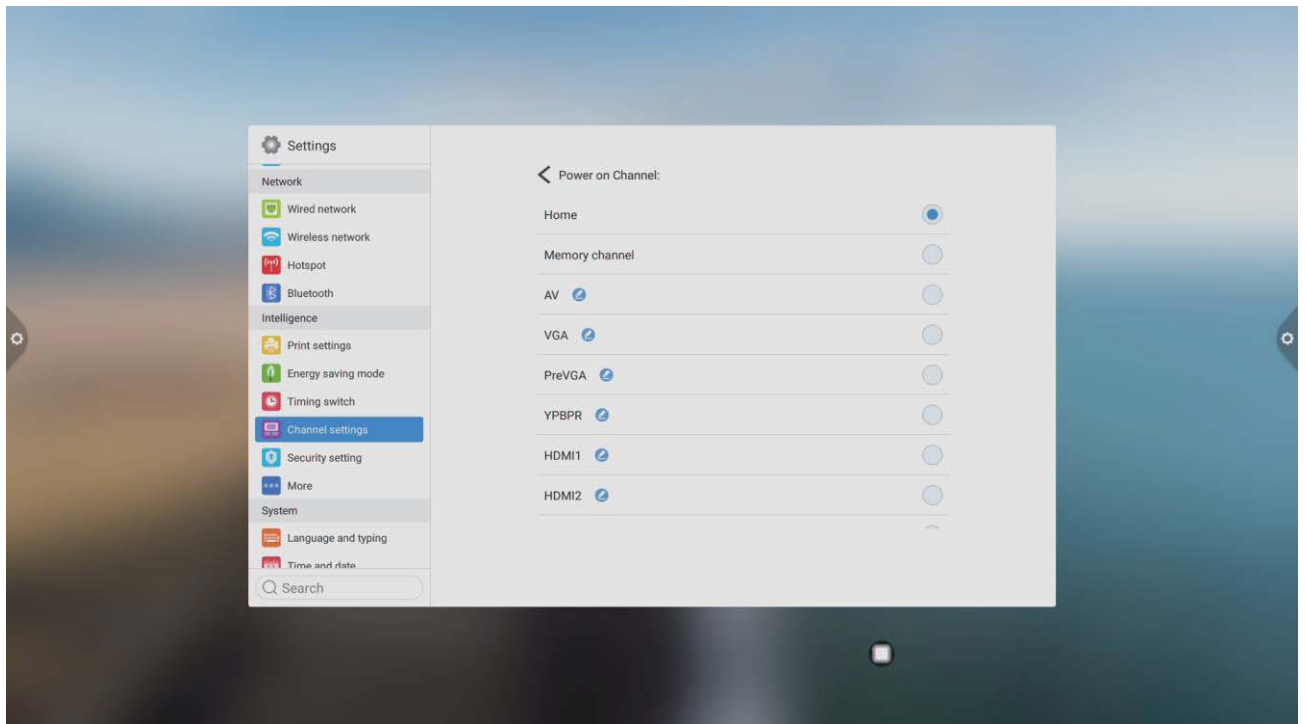
5. Security settings: USB lock, screen lock, application lock and touch lock can be turned on or off. You can also set the corresponding unlock password, the initial password is 2580.
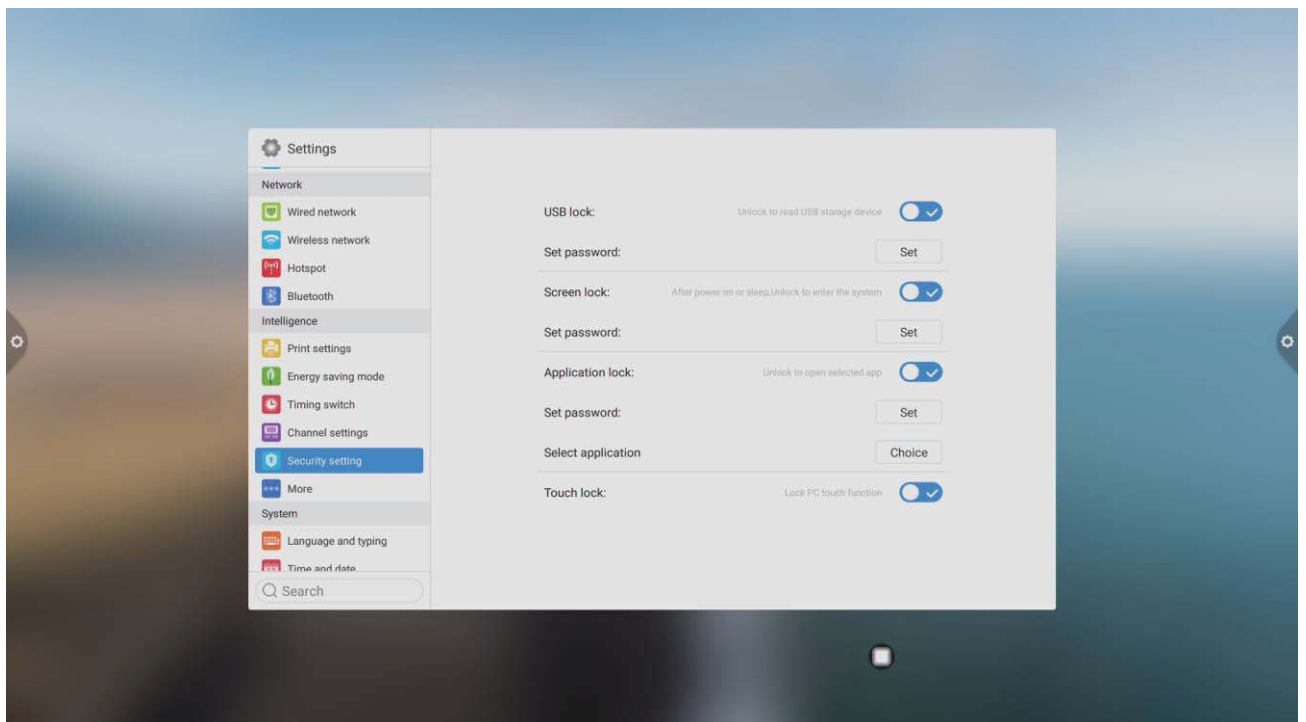
Click Change Password to change the corresponding password.

6. More functions: You can set the power button, floating menu, sidebar, photosensitive, centralized control, temperature monitoring, five-finger extinguish screen, three-finger extinguish screen and other functions
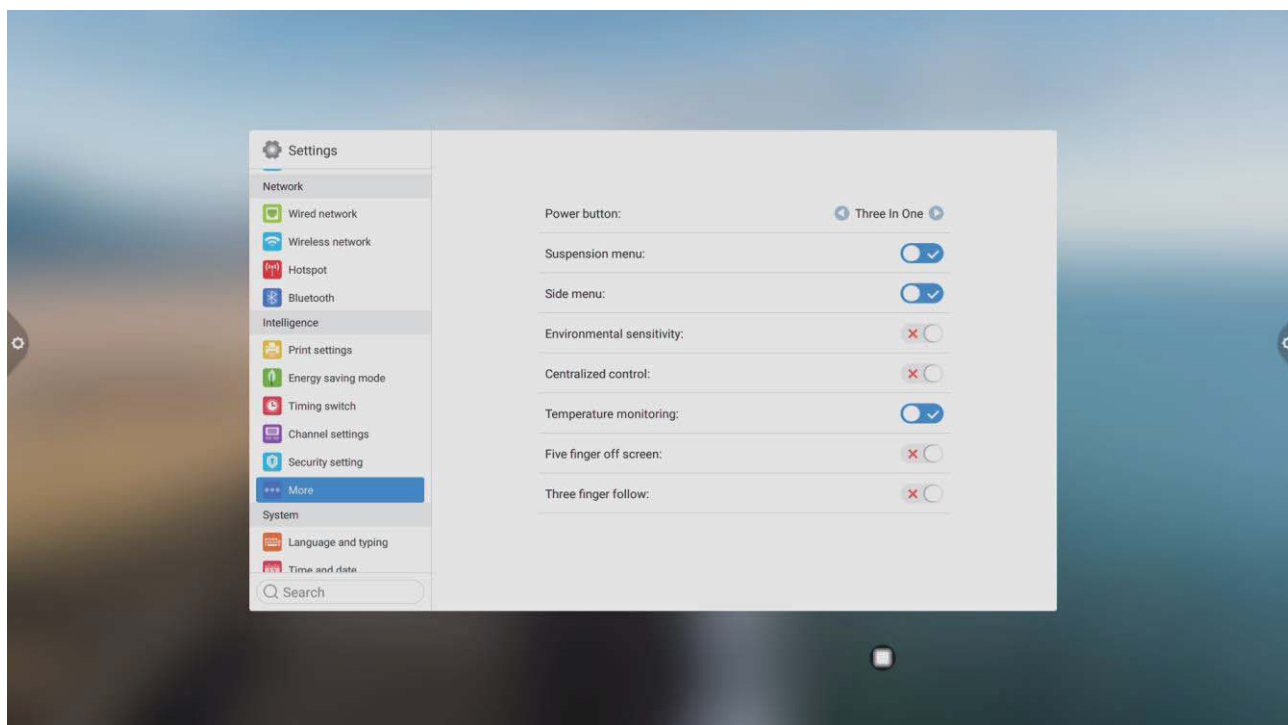

1.5.4 System

The system setting options are mainly for system input method, language display setting, system update and upgrade, etc., as well as system version information and built-in storage usage.

1. Language and input method:Click [>] to set the language (Chinese, Chinese Traditional, English, Arabic, Spanish, French, Italian, Japanese, Portuguese, Russian and other 9 languages), and you can also set the input method.
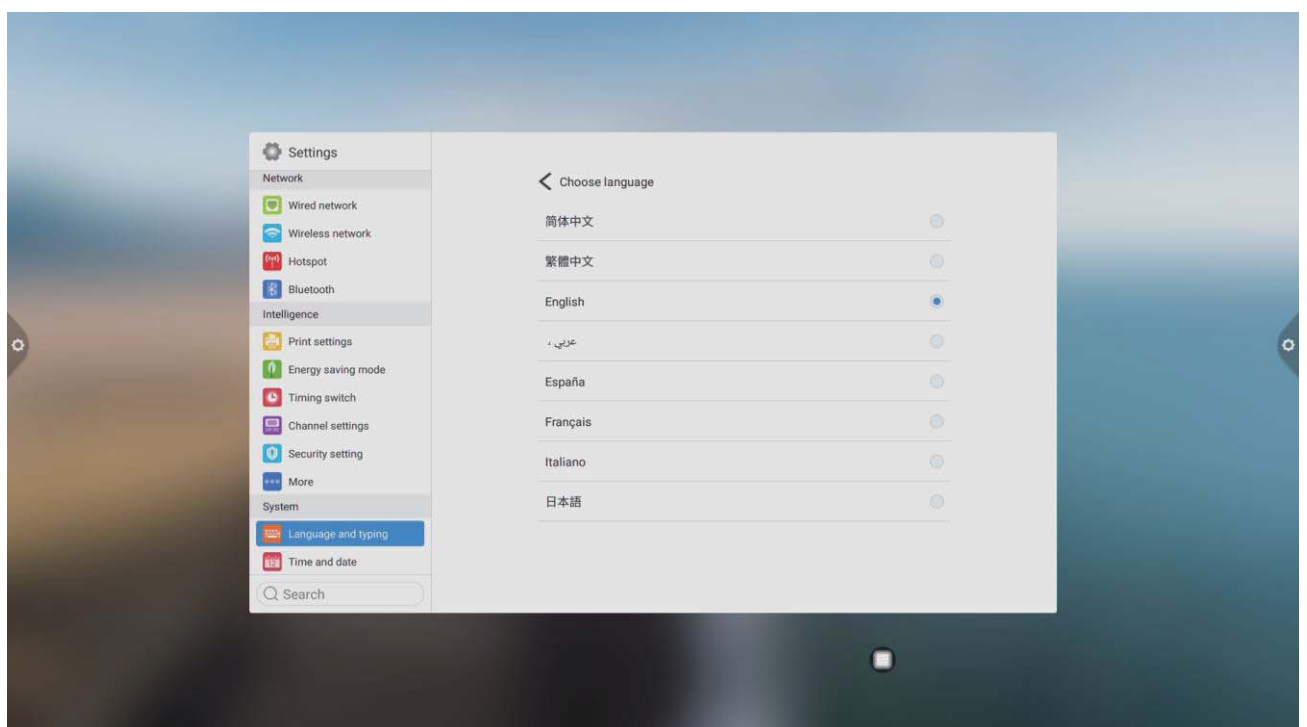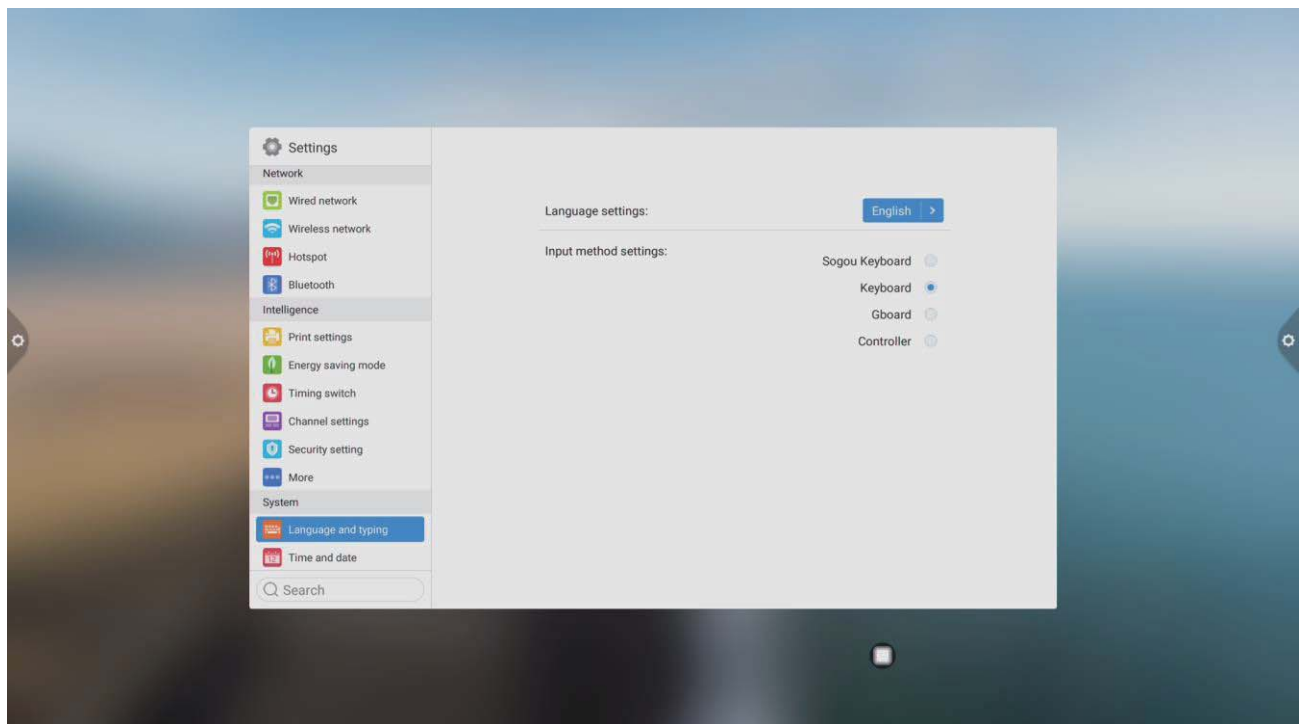
2. Time and date: Turn on the automatic time setting. If the network connection is successful, the current network time will be automatically synchronized. When the automatic time setting is off, you can manually set the date and time.
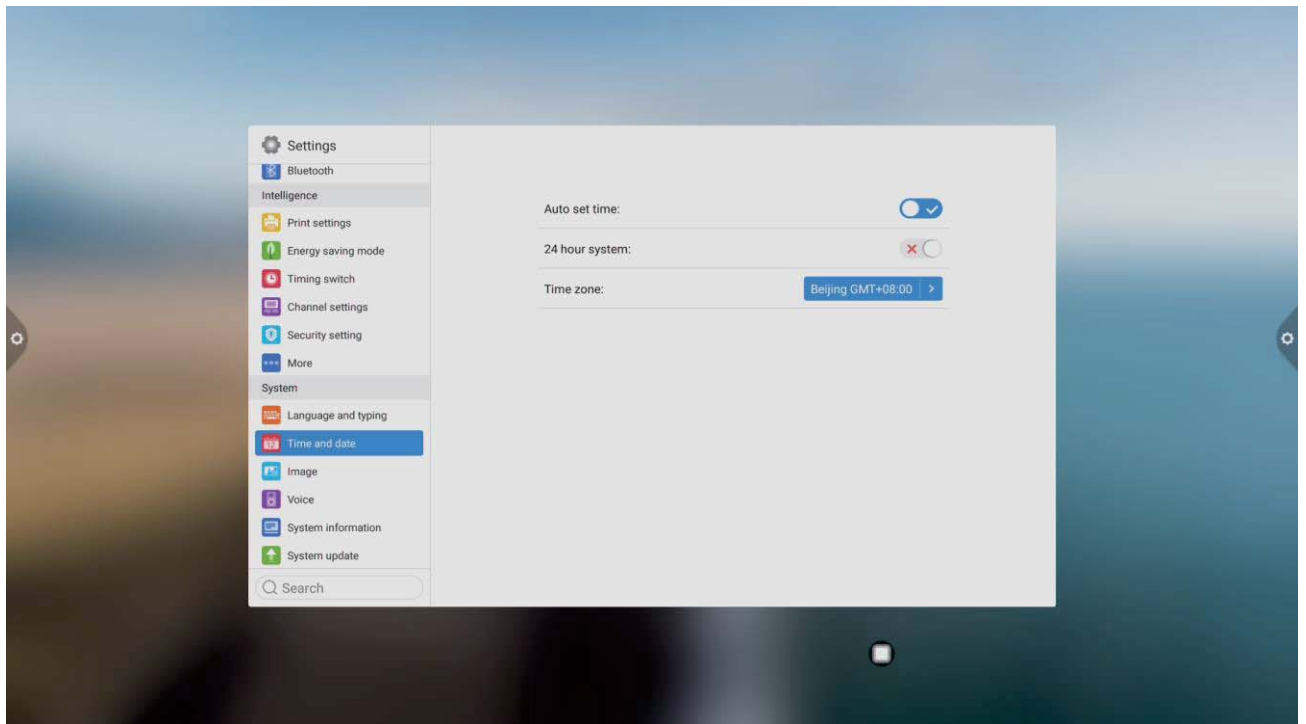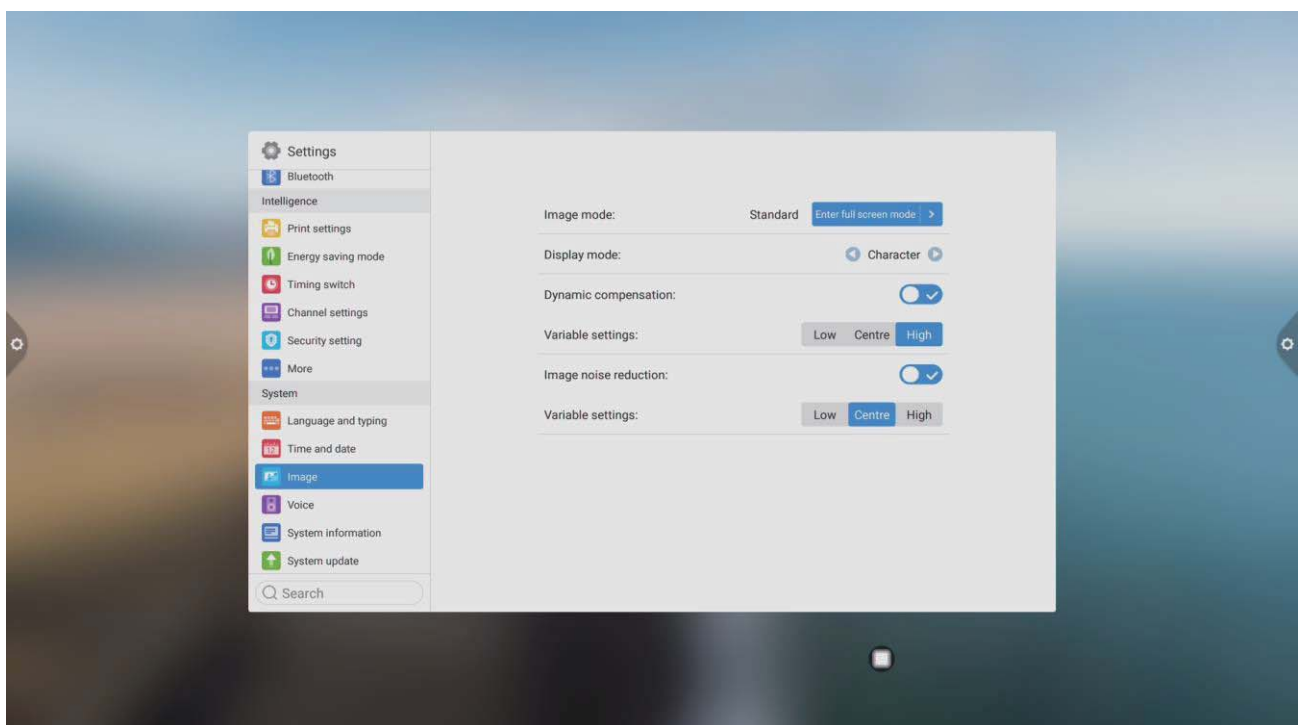
Click ![edit icon] to change the time.
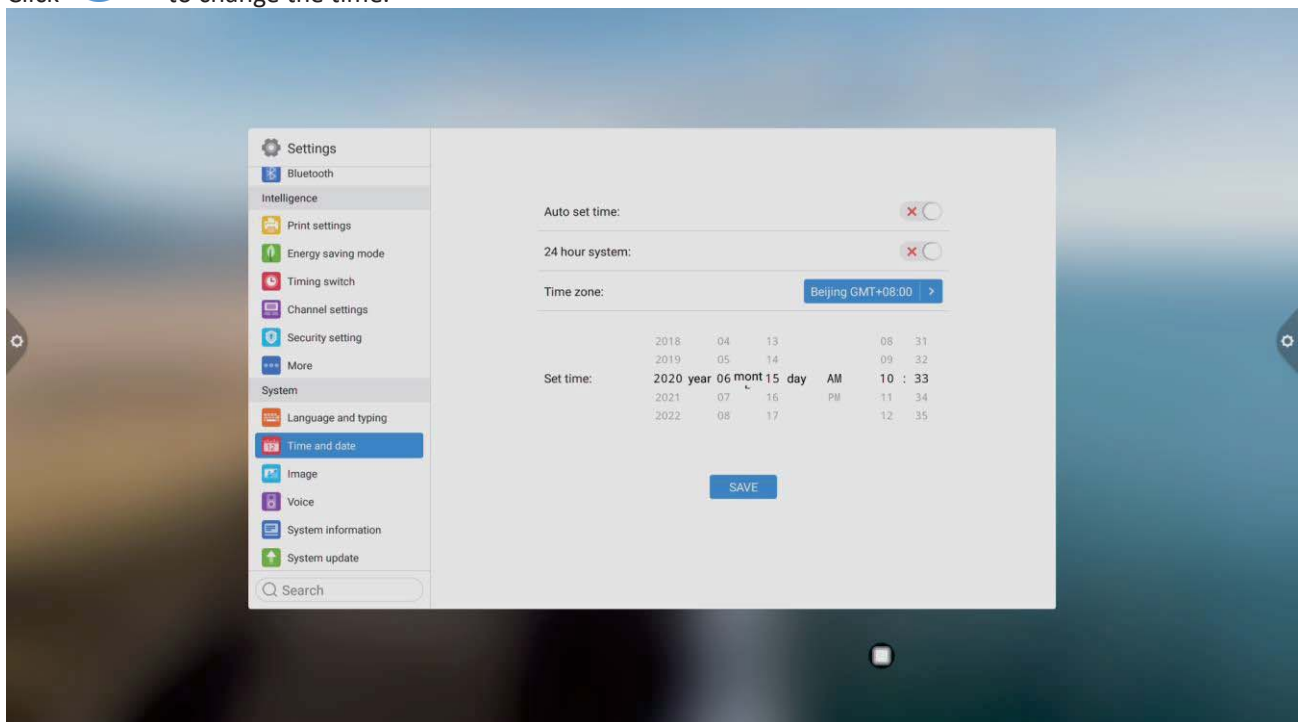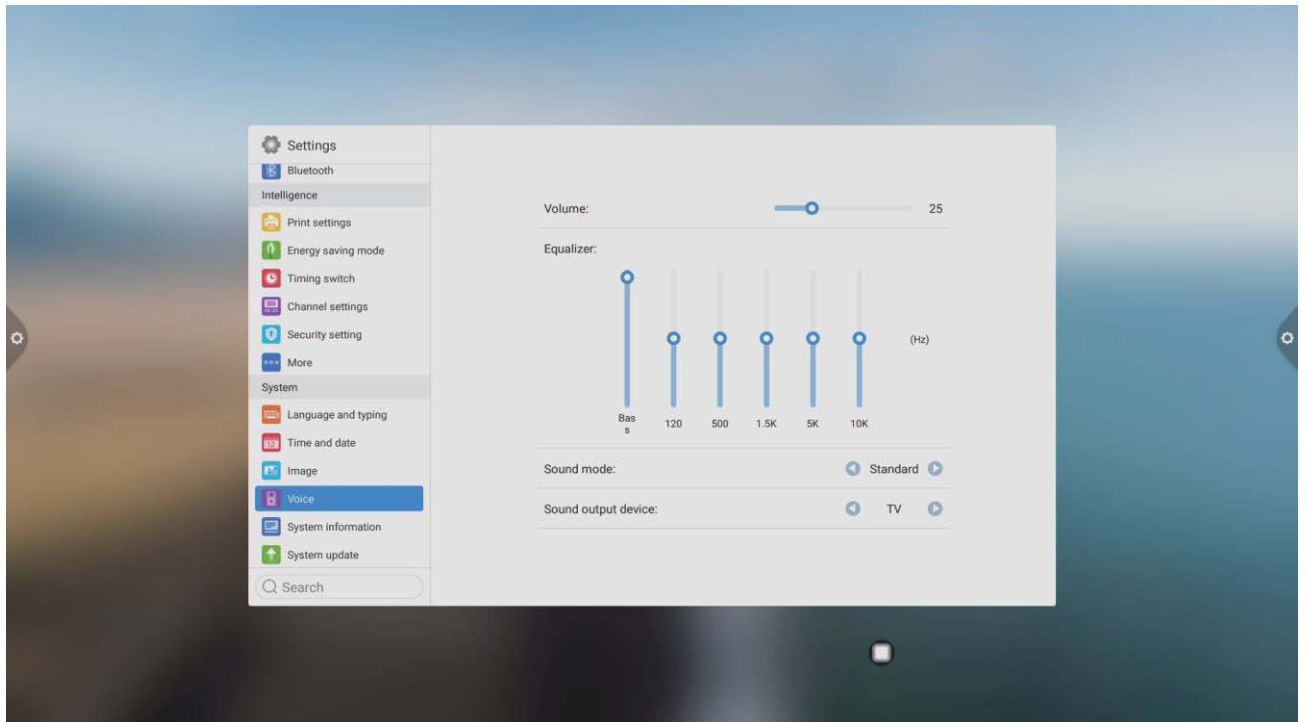

Click ![arrow icon] to change the time zone.
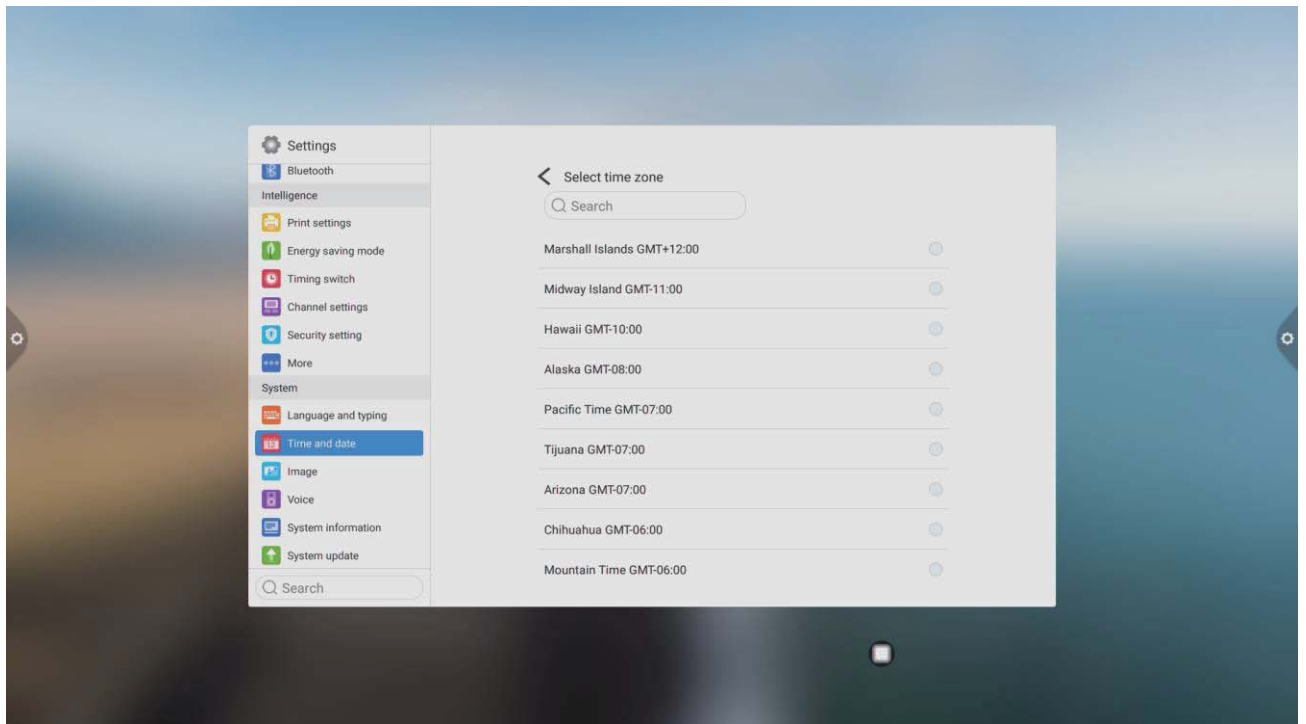
3. Image function: This function can only be applied to the channel, mainly used to adjust the image quality of the channel and the ratio of the channel picture.
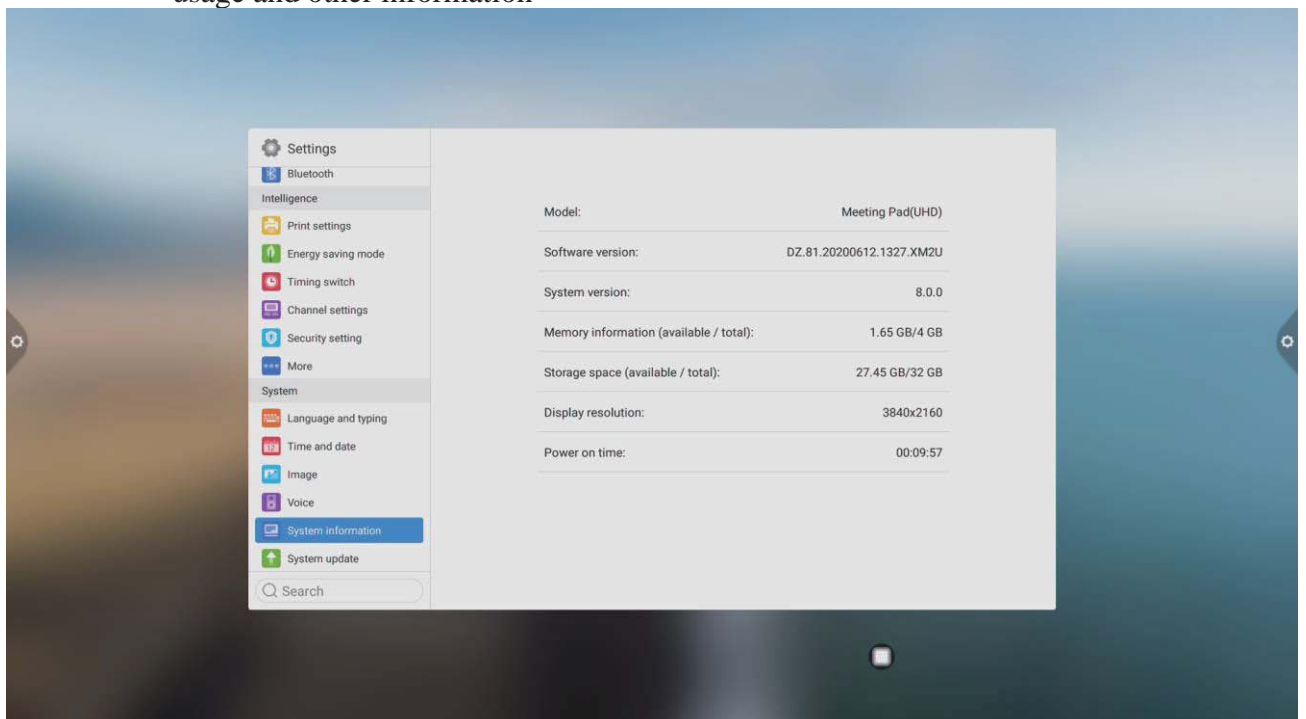

4. Sound: adjust sound and set sound mode, output device

Sound mode: standard, news, music, theater, sports, user voice output device: speaker, coaxial, Bluetooth, USB mode

5. System information: you can view the system version information and built-in storage usage and other information

6. System update: divided into local upgrade and online upgrade

(1) Restore factory settings: click Reset to restore the factory settings
(2) Local upgrade: Copy the firmware to the root directory of the U disk, insert the U disk into the multimedia USB interface of the all-in-one, and select local upgrade and update.
(3) Online upgrade: Check whether a new version of firmware is released through the network to download and update.
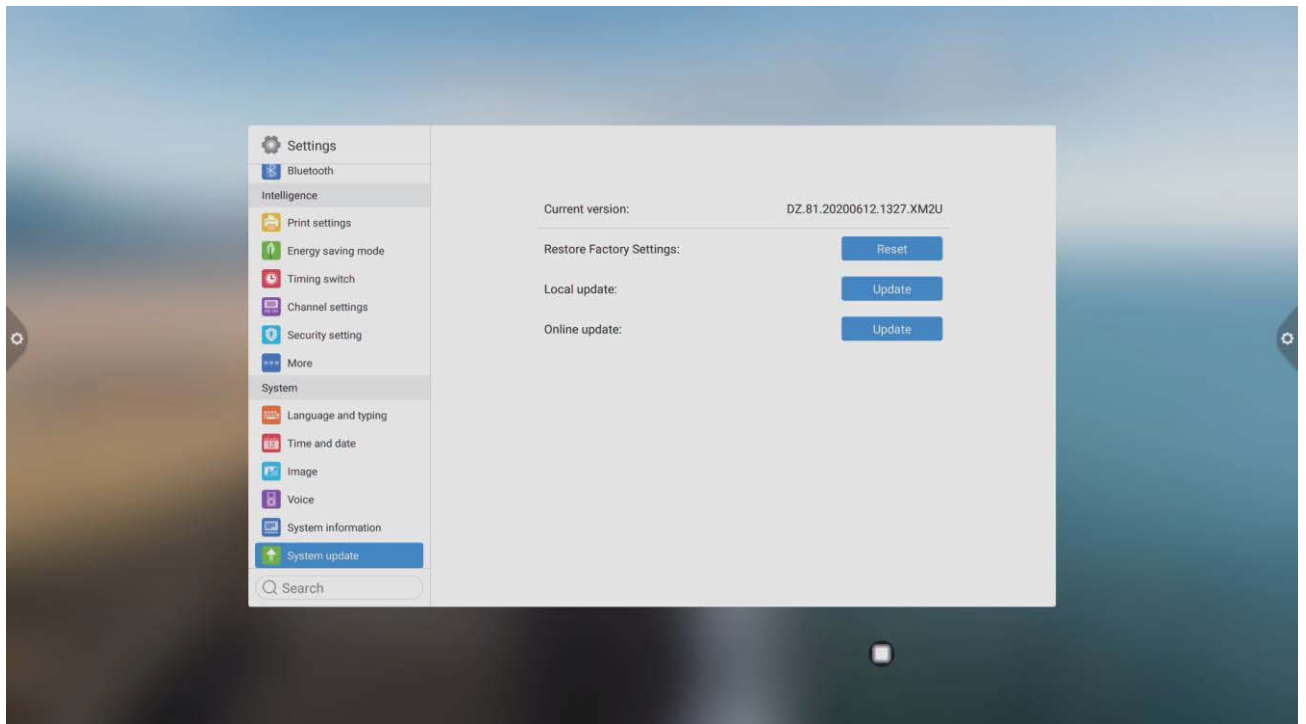
Ⅱ The software description

2.1 Electronic Whiteboard

2.1.1 Interface display

Click the conference whiteboard icon on the main interface to launch the conference whiteboard software.

1. The conference whiteboard default pencil tool is selected and can be written directly.

2. Support single-point mode and multi-point mode, multi-point supports up to 20 points.

3. Single-point mode support roaming and zooming functions of two points and above.

4. Support single-stroke mode and double-stroke mode. Double-stroke mode is pen writing style.

2.1.2 More menus

Click on the (More Menu icon) in the lower left corner of the interface to pop up and display the subordinate content menu;
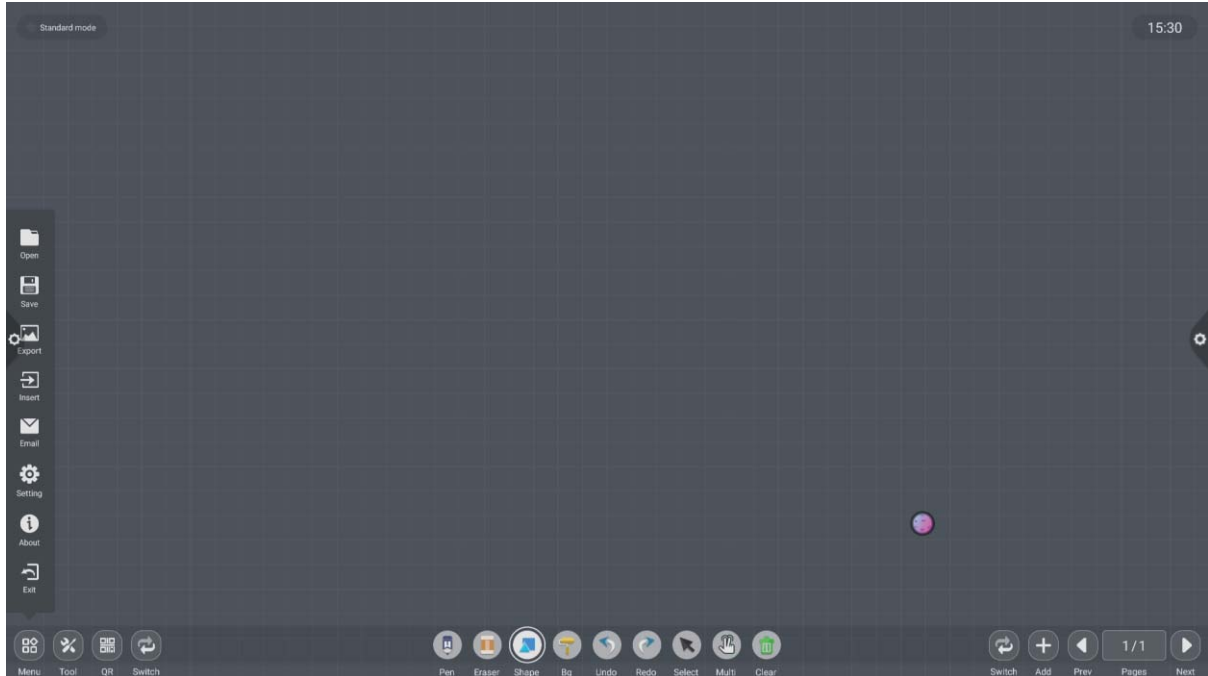
(1) Open the file: Click the icon to open the file saved in the whiteboard file directory (the default path directory is built-in storage/whiteboard), click the file to open directly from google drive or one drive cloud server, and perform the functions such as editing and saving again.
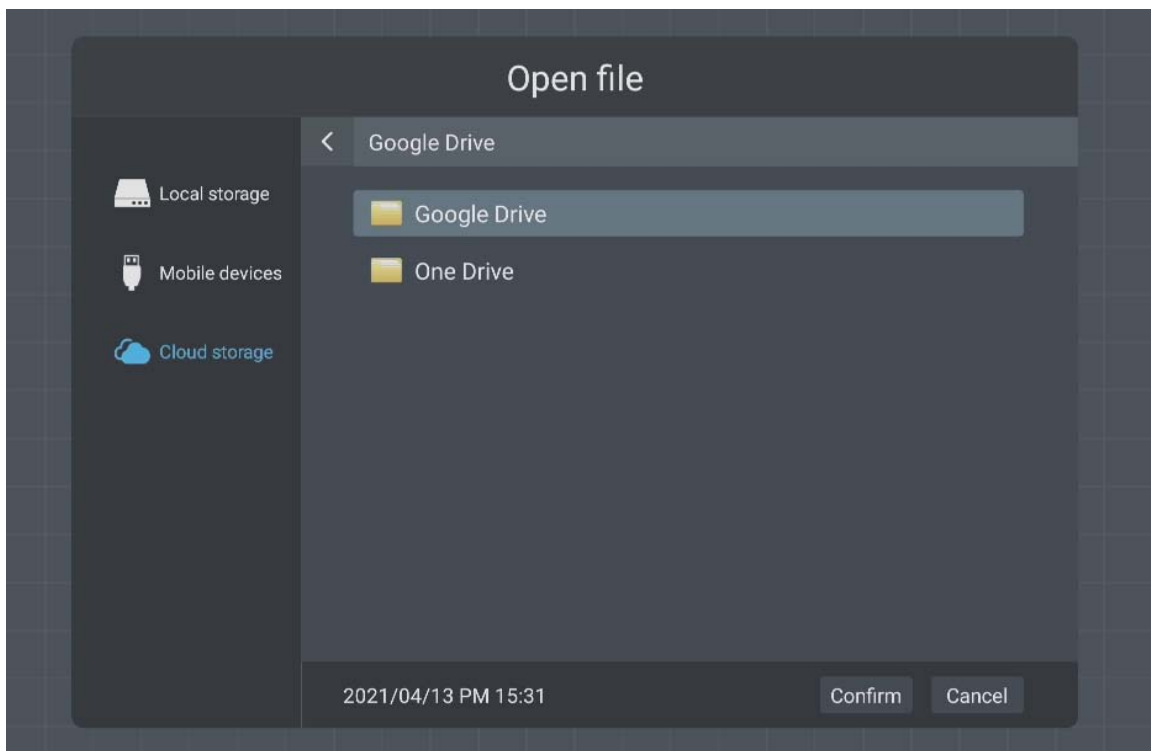
(2) Save the file: Click the icon to save the currently written content.

The default time is saved and saved. The user can customize the naming and save. The user can customize the built-in storage, cloud storage or U disk to save the whiteboard file or pdf or jpg file.
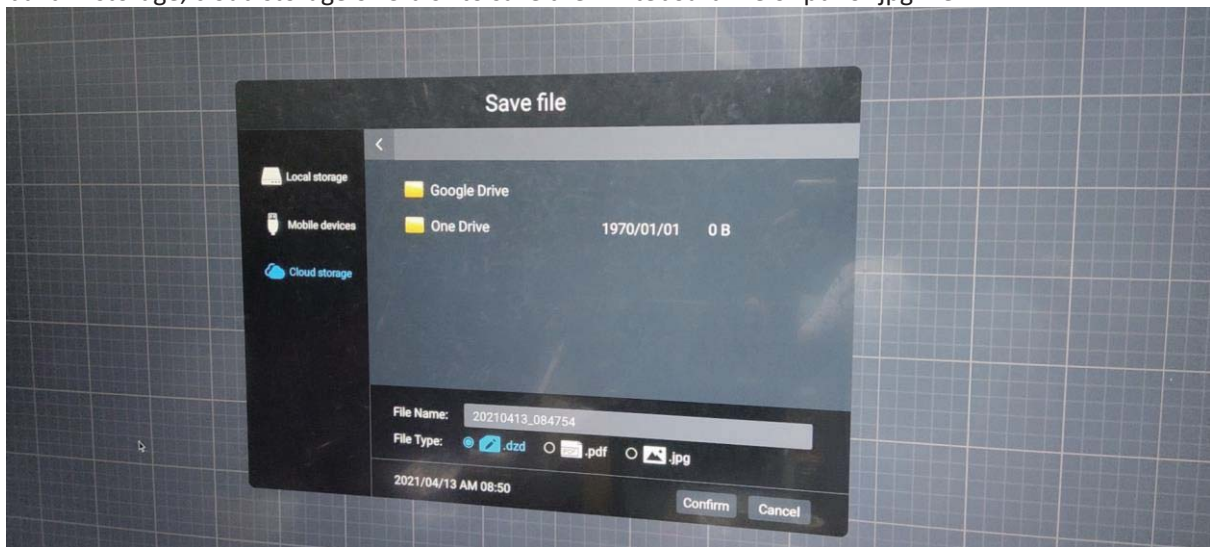
(3) Export: Click to export the content written on the whiteboard in picture format *.jpg. The storage location of the exported pictures can be selected from built-in storage or U disk.
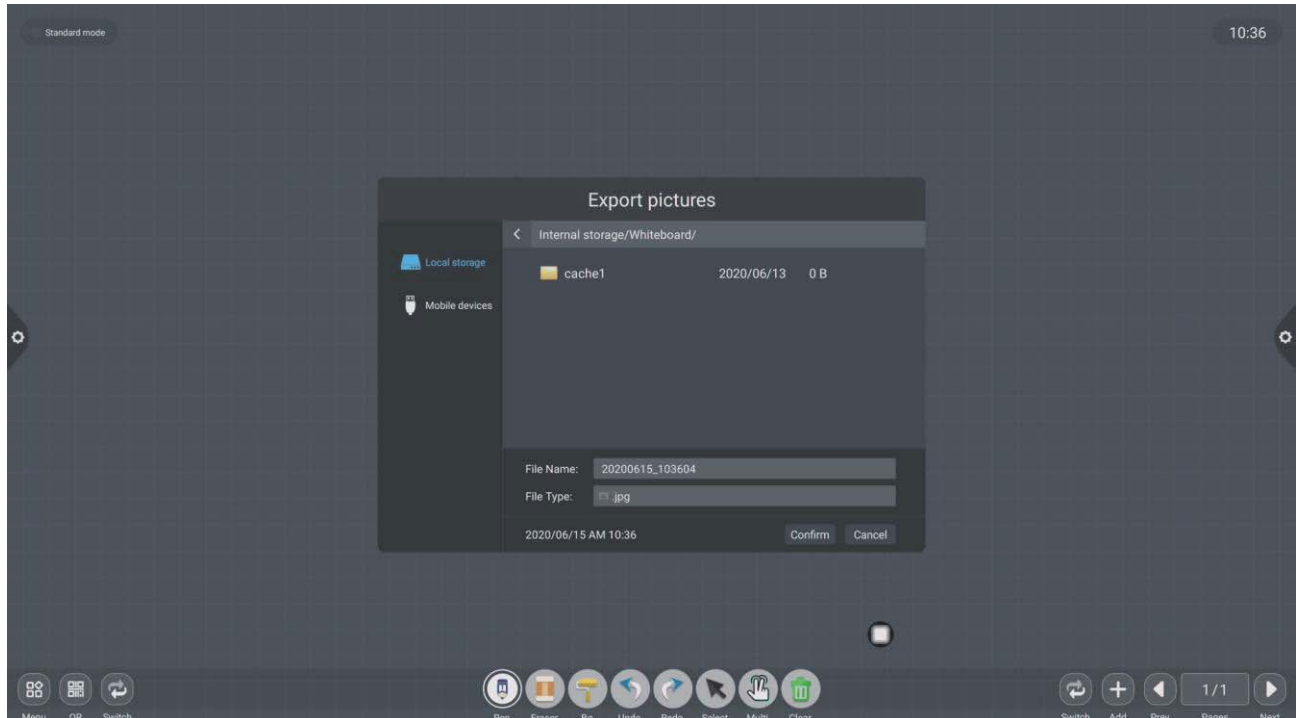
(4) Insert: Click to open the picture file of the local storage or U disk.

The user can insert the picture on the whiteboard by selecting the picture and can mark and write the picture.
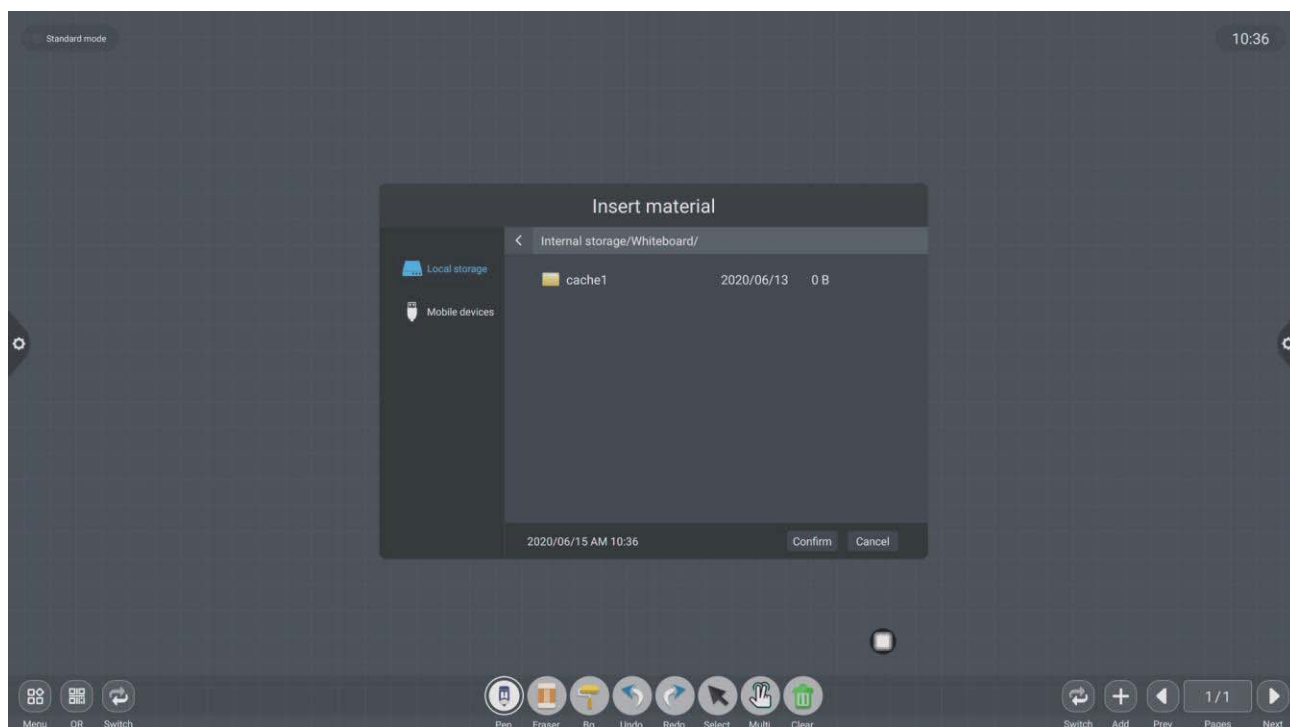
(5) Email: Click ✉ Email When using the email sending function for the

first time, you need to set the email sender's mailbox related information

on the email login interface, as shown in the figure:

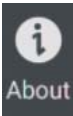a. Use Tencent's corporate mailbox, enter your account number and password, and
click Login
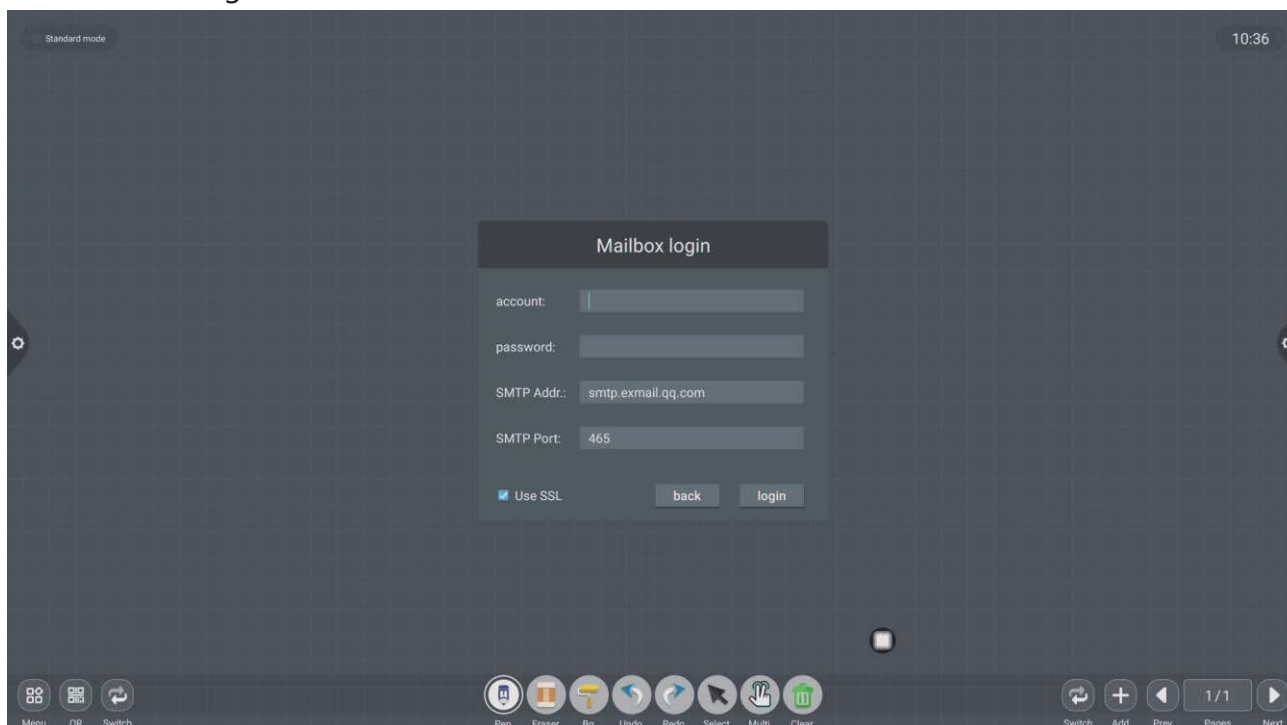
b. After successful login, the user enters the email address of the recipient and clicks send to record the content on the whiteboard to

Click the setting in the recipient email of PDF format file to modify and replace the current account;
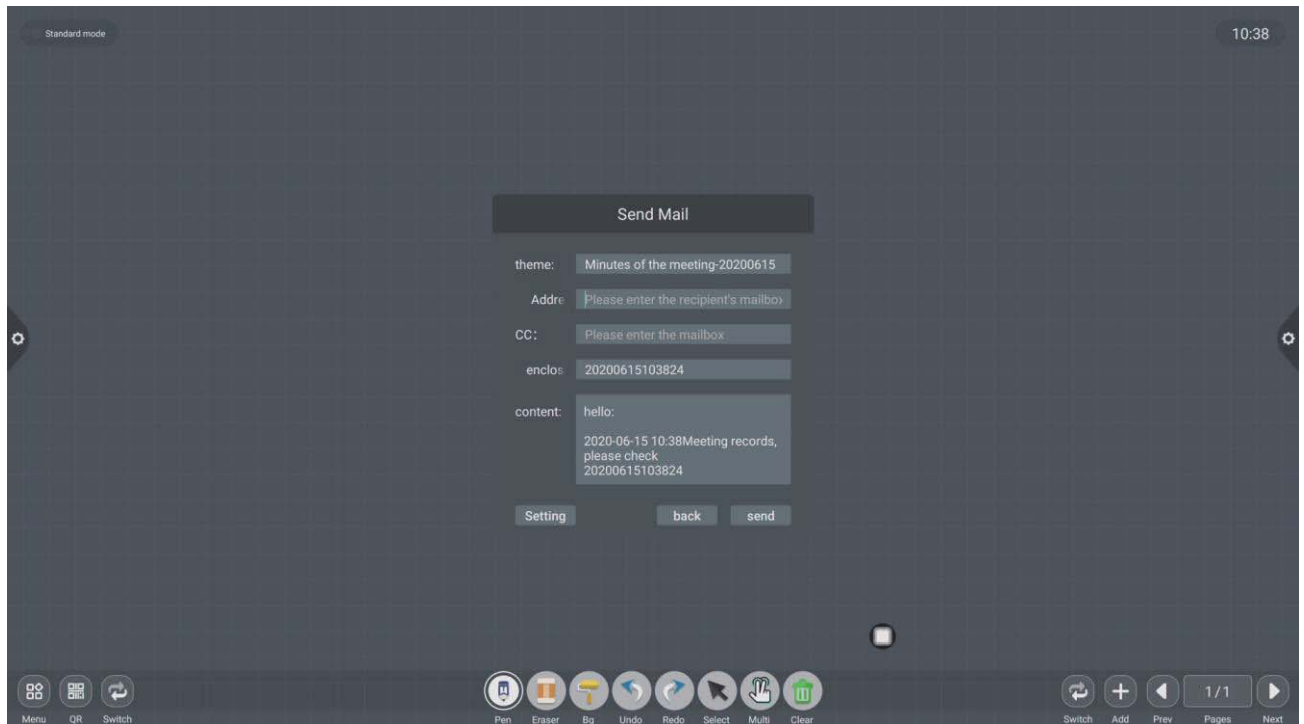
(6) Click [Setting] to Enter network sharing settings and writing mode settings.

The network sharing settings are divided into network sharing and local sharing functions.

Writing mode is divided into standard mode (single pen mode) and double pen mode.
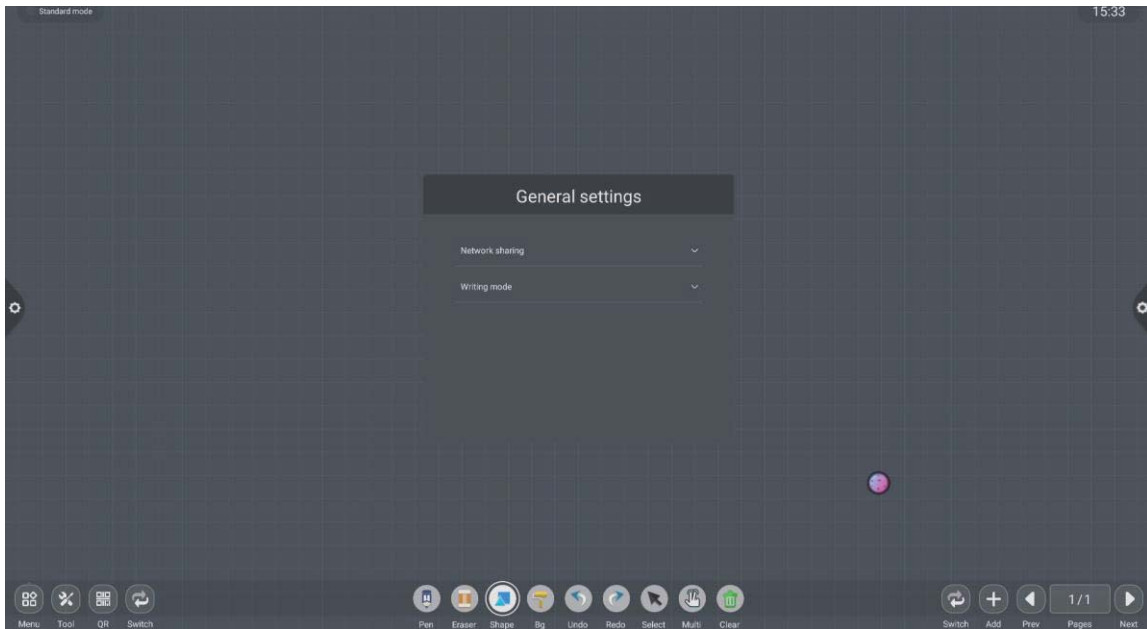
(7) About: Click , to check version information.

About

Software Name : Whiteboard

Version : V1.0.68.U1

Confirm
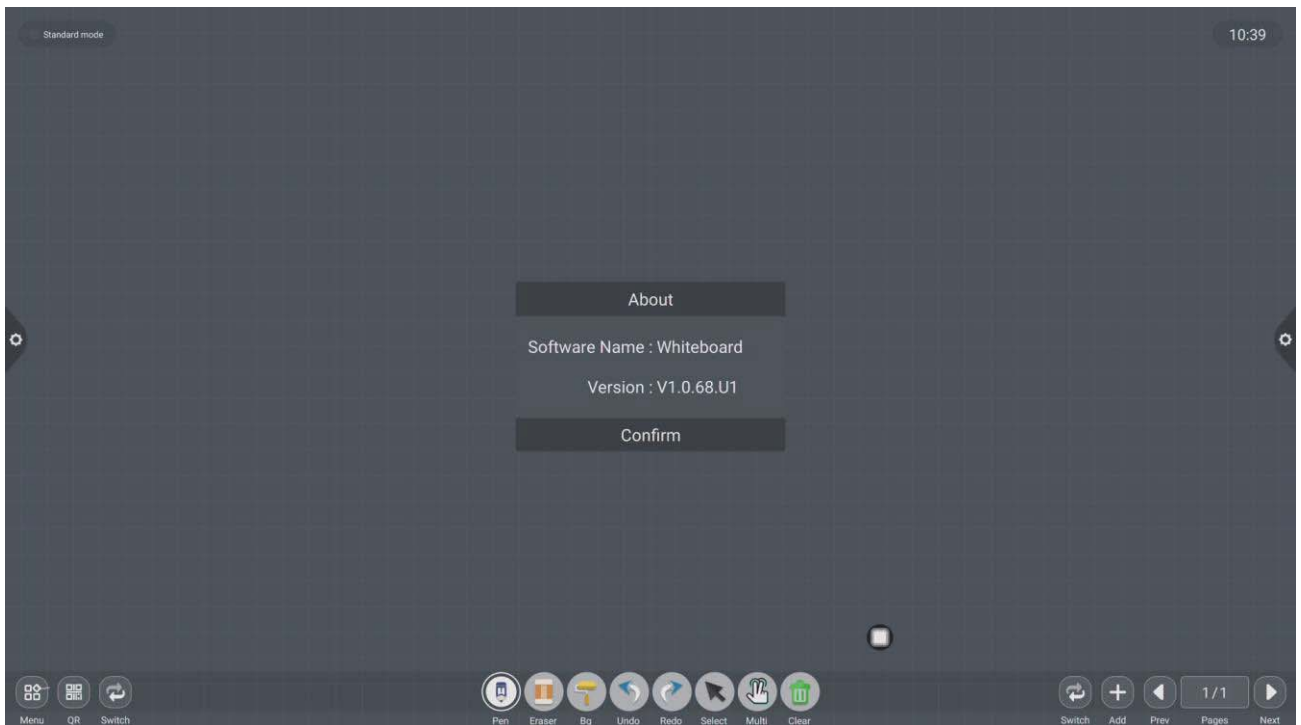
(8) Exit: Click . When there is content in the whiteboard, a prompt pops up when exiting the whiteboard: The whiteboard is not saved. Do you want to save the whiteboard before exiting the whiteboard? Perform function operation according to whether or not; if there is no content on the whiteboard, click Exit Whiteboard to exit directly.
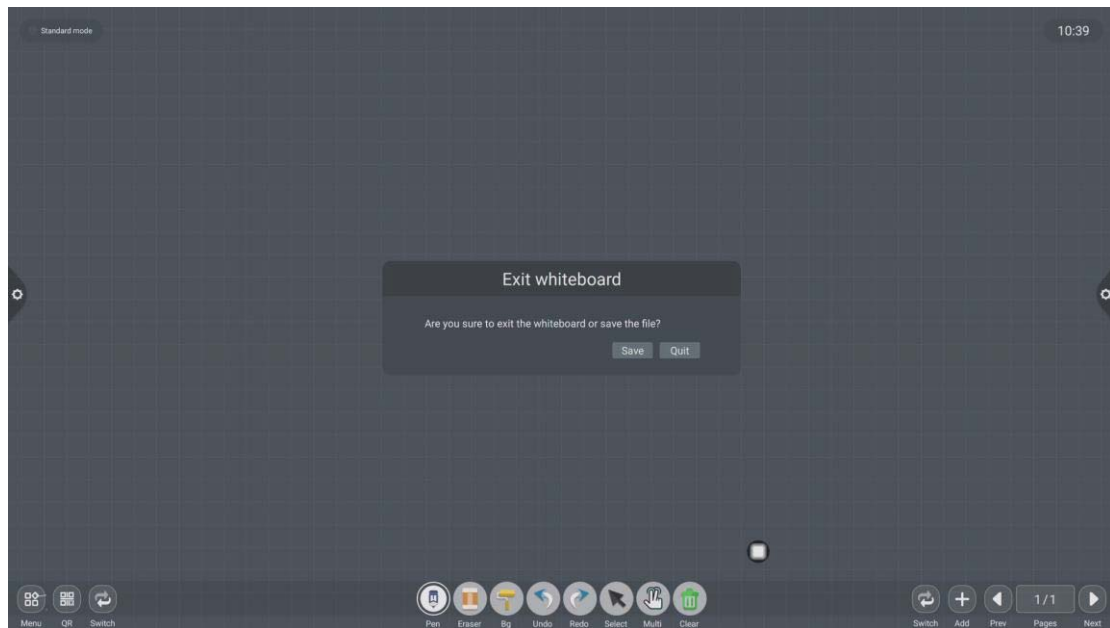
2.1.3 Scan code sharing:

Click the icon, when the network is connected, you can generate a QR code window, and scan the current meeting record with the WeChat sweep function; if prompted, return to the home page and click to enter the system. Set the network connection, and re-scan the code after the connection is successful.
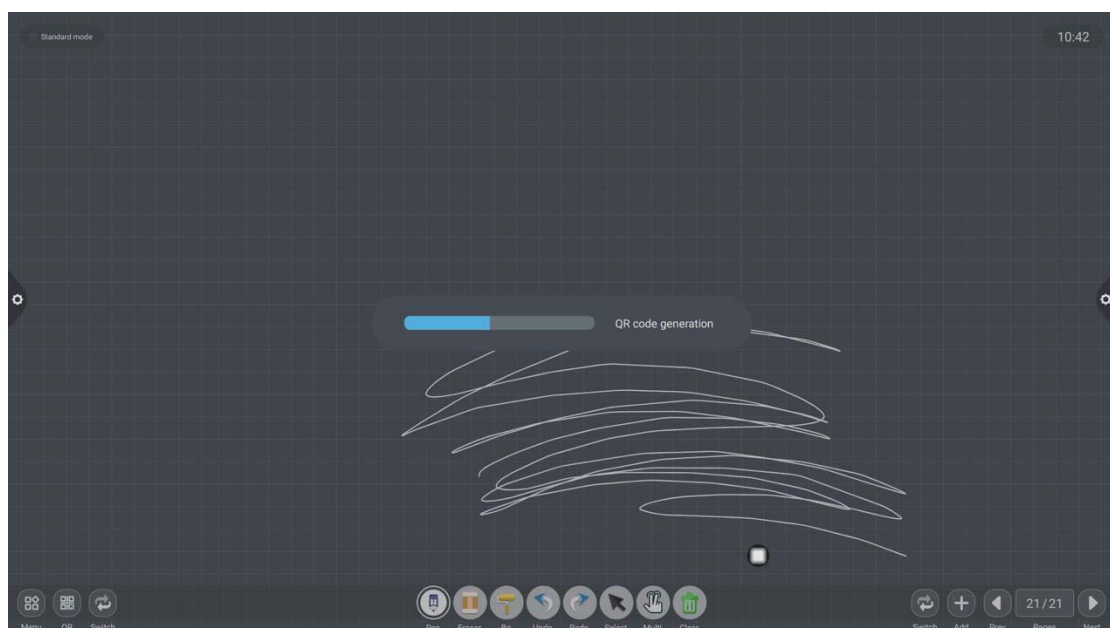
After the QR code is generated, the following figure is displayed. Click the lock icon to start the QR code lock mode, and the password is displayed next to it. After scanning the QR code, you must enter the password to view the file.
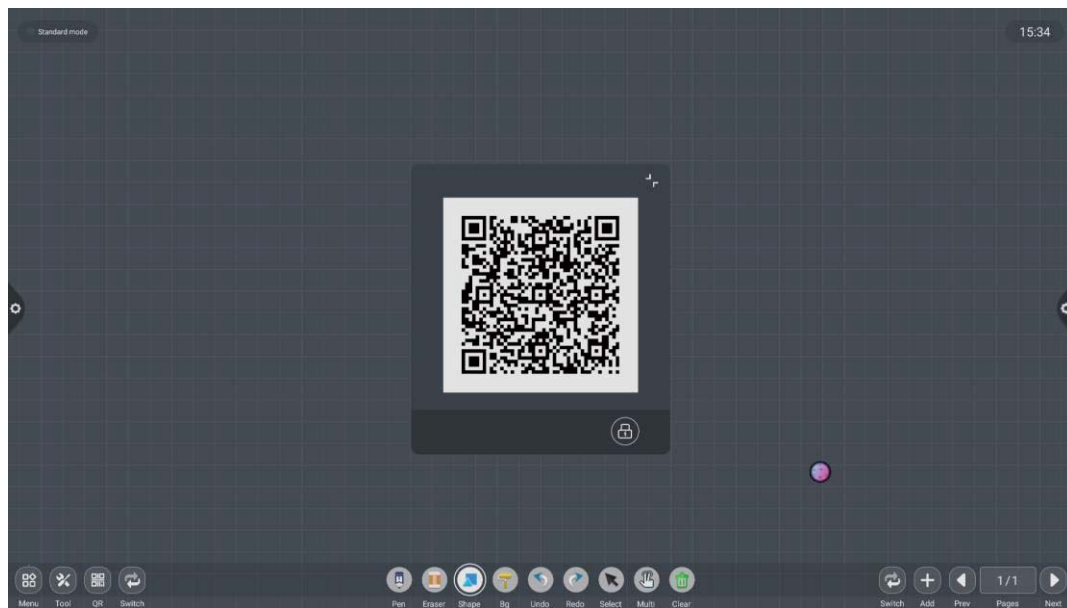
2.1.4 Common Function Menu

1. Brush tool

(1) Click ![icon] the icon to bring up the brush tool menu.
(2) Modify the thickness and color of the handwriting:
Click the dot icon above to modify the thickness of the brush trace, click the color box to select the brush color, click the custom icon to expand the palette, and customize the brush color.
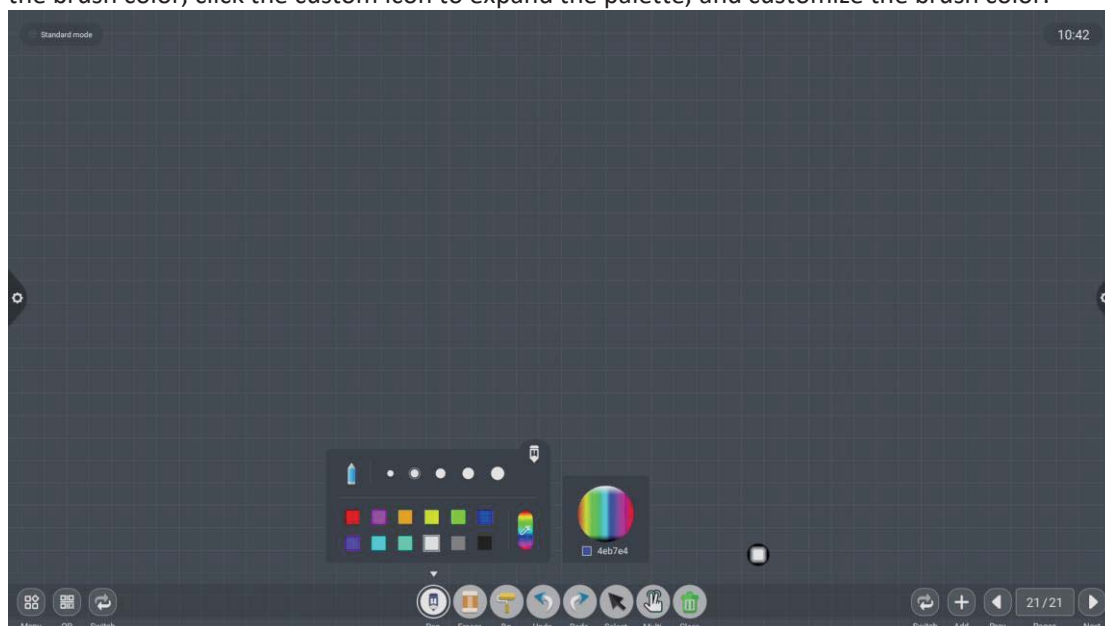
2. Eraser

(1) Click wipe: Click [icon] the icon to perform a fine erase operation on the written content;

(2) Circle rub: Click [icon] the icon to erase the handwriting in the area inside the erase circle to perform the erase operation;
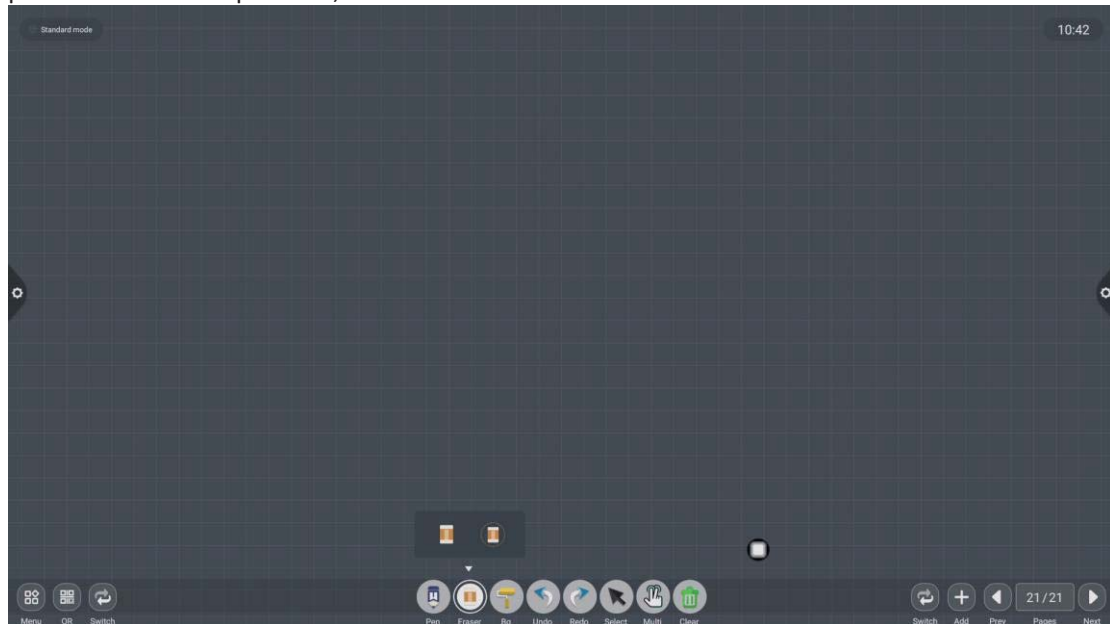
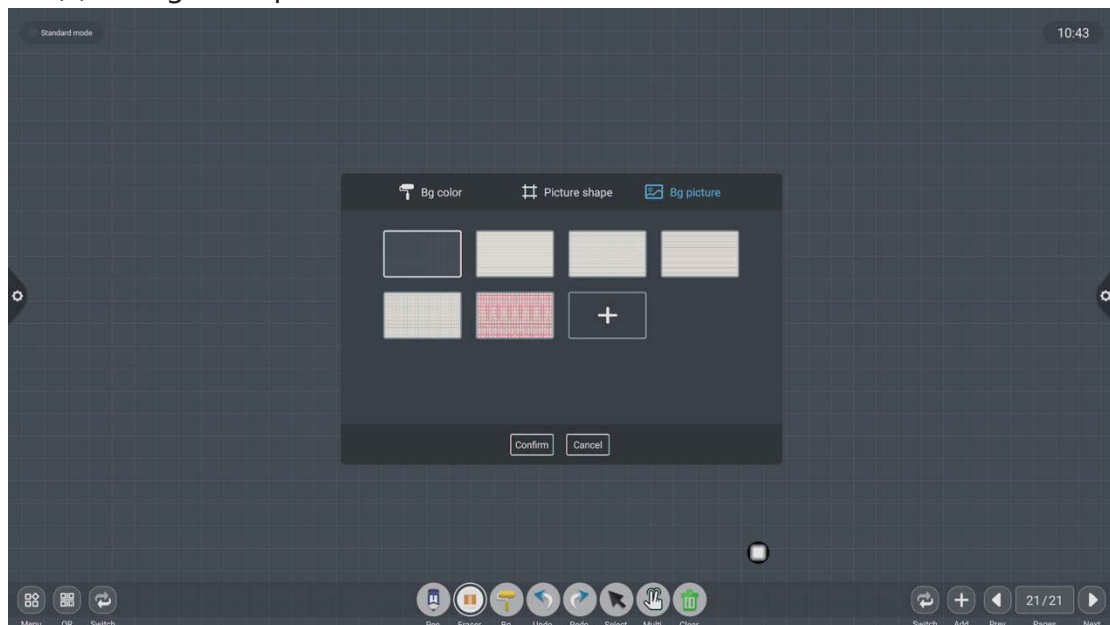## 2. Change the background, Click [icon], Change the background color of the whiteboard

(1) Background color
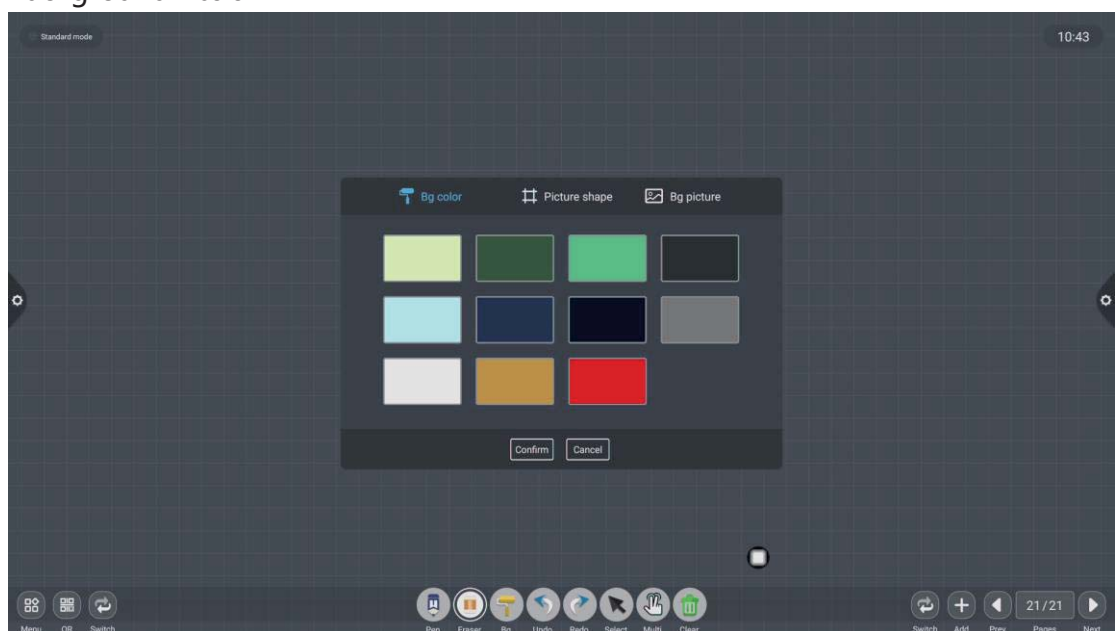
(2) Picture shape
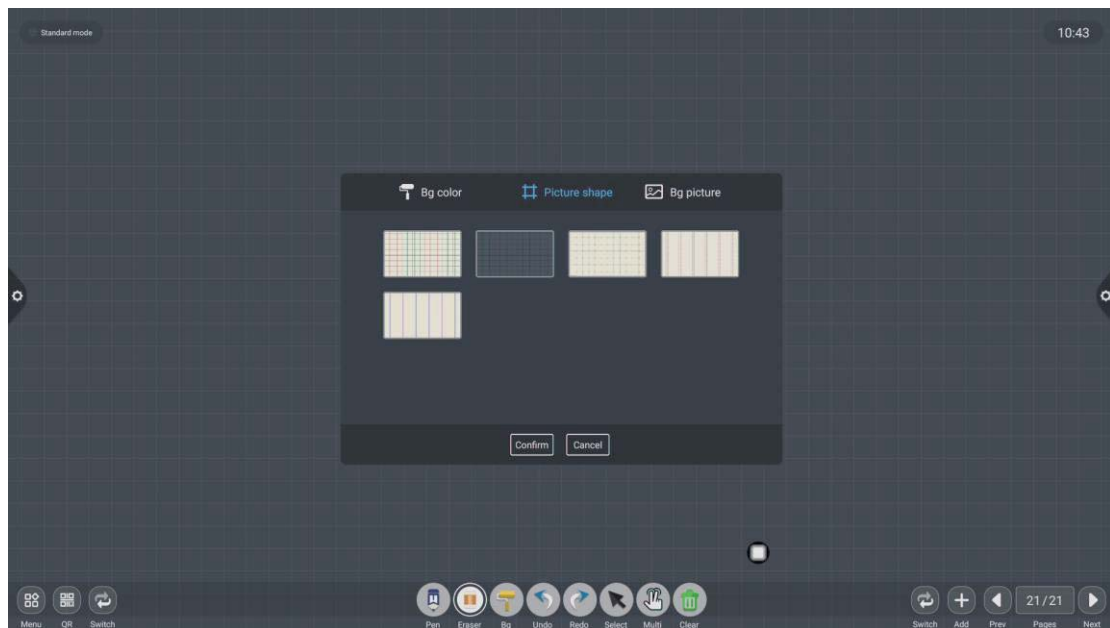
(3) Background picture


4. Cancellation and recovery

(1) Cancellation: Click the icon to cancel the previous operation, and support up to 50 steps at a time;

(2) Recovery: Click the icon to re-execute the operation that has been revoked and support up to 50 steps at a time.

5. Select function

Click ![cursor icon] to select the selection function, the interface switches from the writing mode to the selection mode, and the handwriting and shape in the interface can be drawn, and then the functions of moving, deleting, copying and pasting can be realized, and the inserted picture to move, delete, copy and paste, rotate and zoom.
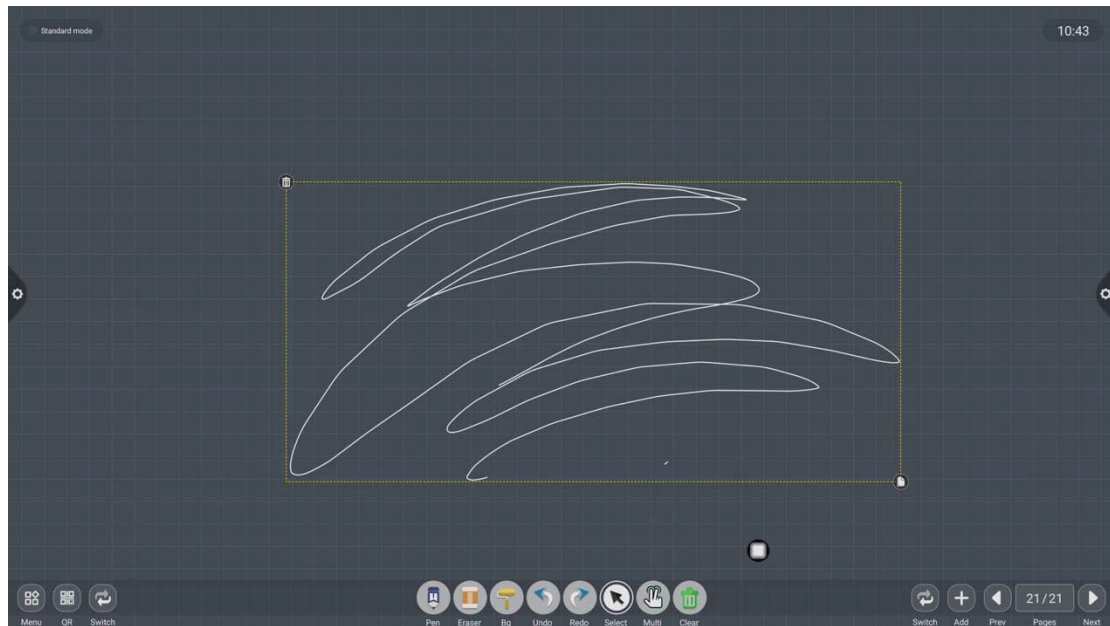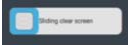

5. Geometry smart recoginition
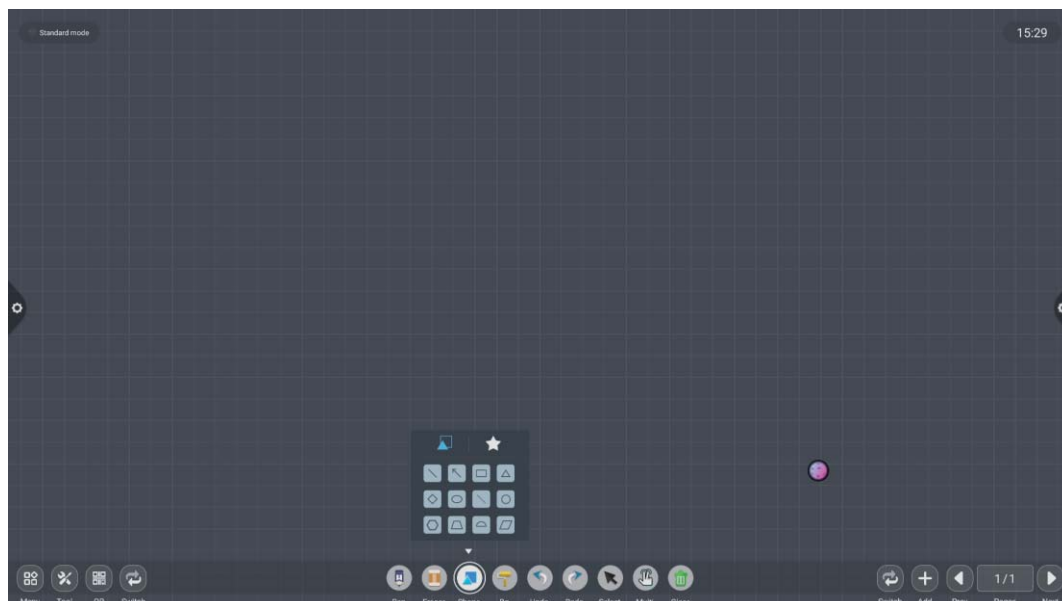

6. Planet smart recognition
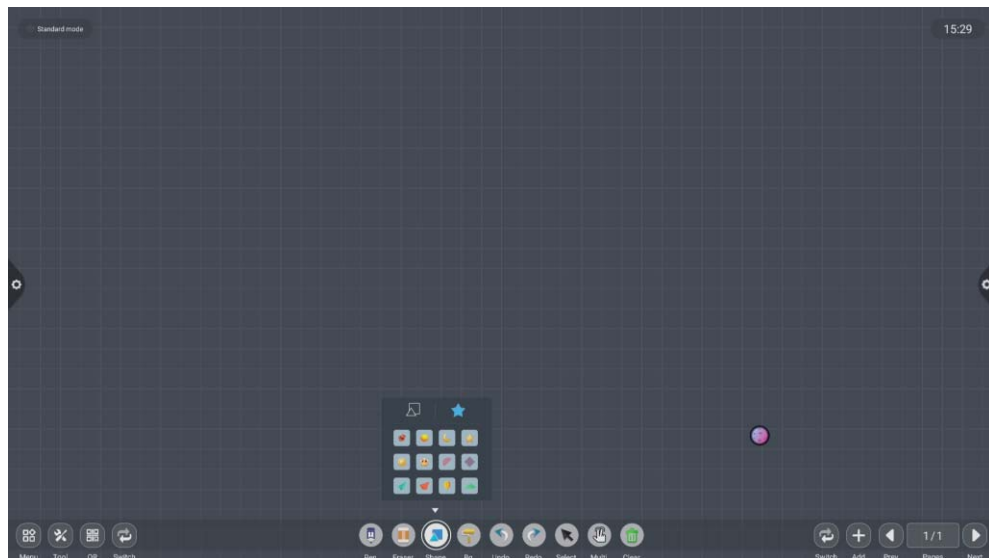
7. Slide clear screen function

Click the icon to bring up the slider and manually drag the icon

 to the right to clear the current screen writing.

8. Left and right switching function

Click the icon to switch between the left and right positions of function

icon. including more function icons, code scanning, switching

function icons, including switching function icon, up and down page function icons, page number preview function icons, page addition function icons.

7. Small Tools: Ruler , Compass , Calendar , Camera , Curtain,   Spotlight ,

   Caculator , Timer ,   Formula
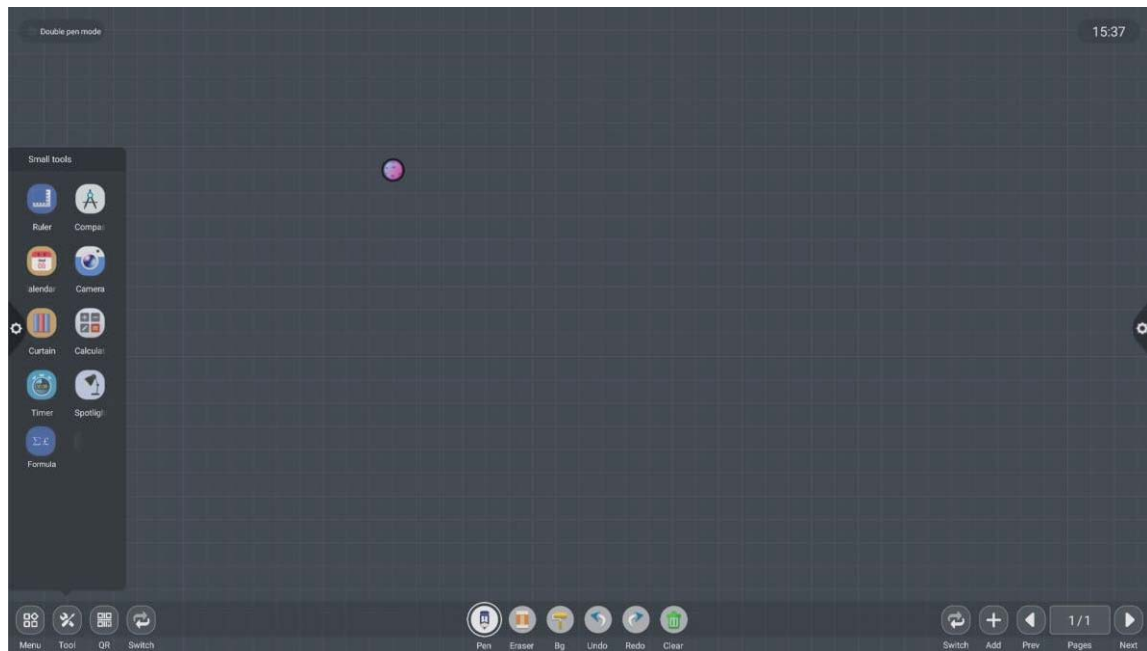
9. Page preview
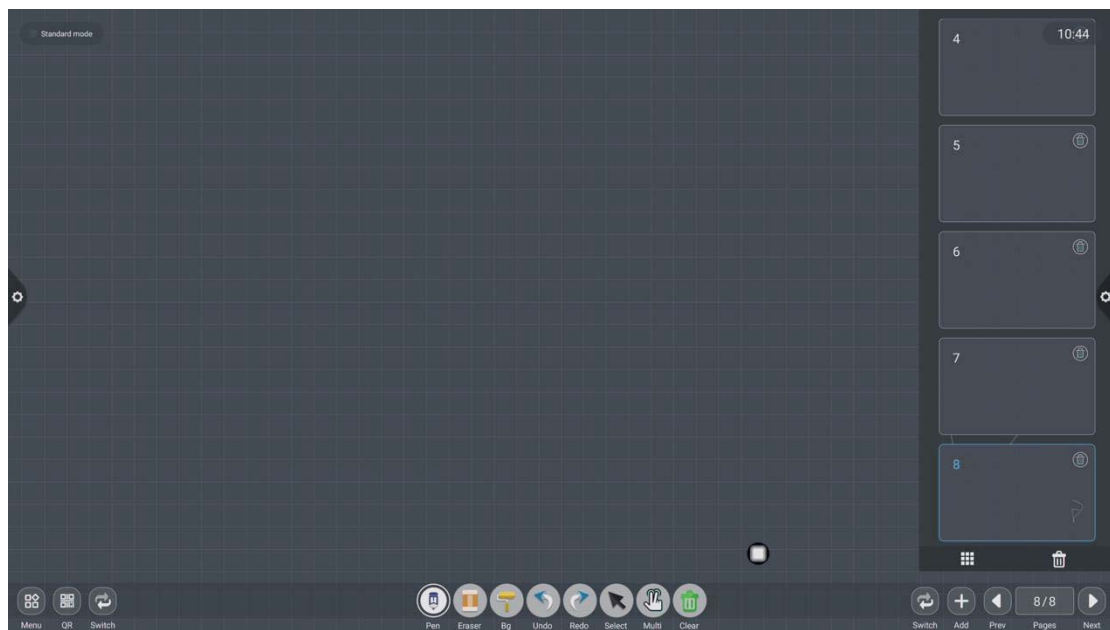
(1) Open the page preview popup window: Click ◀ 8/8 ▶ Prev Pages Next to display the current page as selected:

(2) Add page: Click ➕ Add the icon to add the page;

   (3) Delete page: In the open page preview window, click 🗑 the delete button in the upper right corner of the page thumbnail to delete the page or click 🗑 at
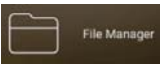
the bottom of the page preview window to delete all pages. Click ![grid icon] to enter all page display mode.
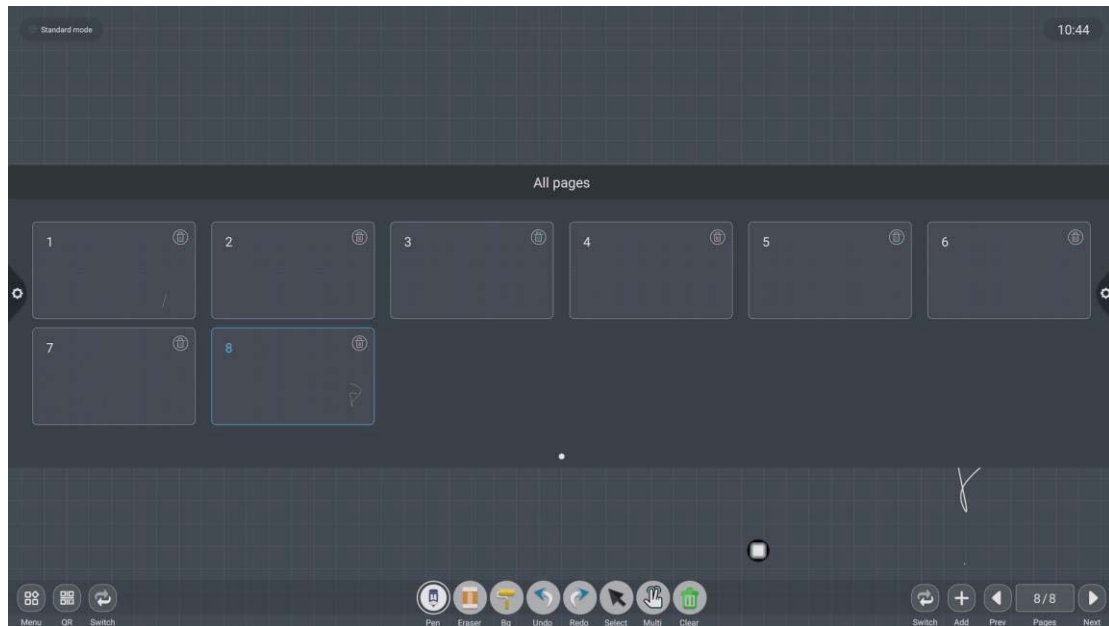
(4) Turning page function: Click the left ![left button] and right ![right button] page turning buttons and icons to achieve the page turning effect, or in the page preview window, the preview page exceeds the limited preview range, slide up and down to quickly find the page, click to select, and realize the page turning function.
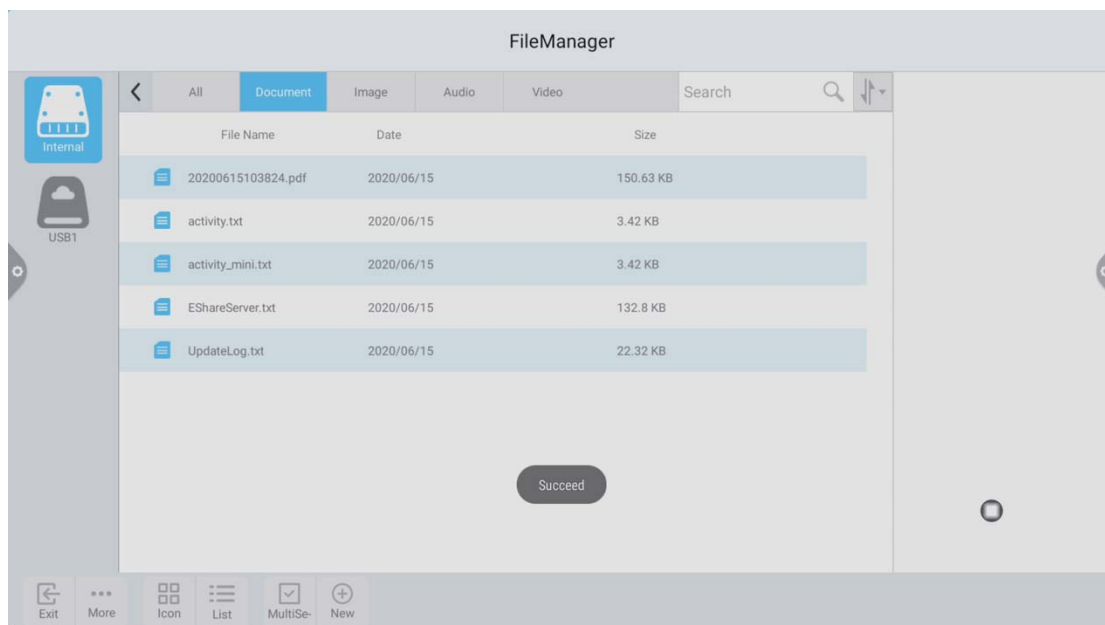
2.2 Document management

2.2.1 Interface introduction

1. Click the file manager icon ![File Manager icon] ，Open the file management application, and the external SD card and USB external storage device are displayed on the left side of the file browser.
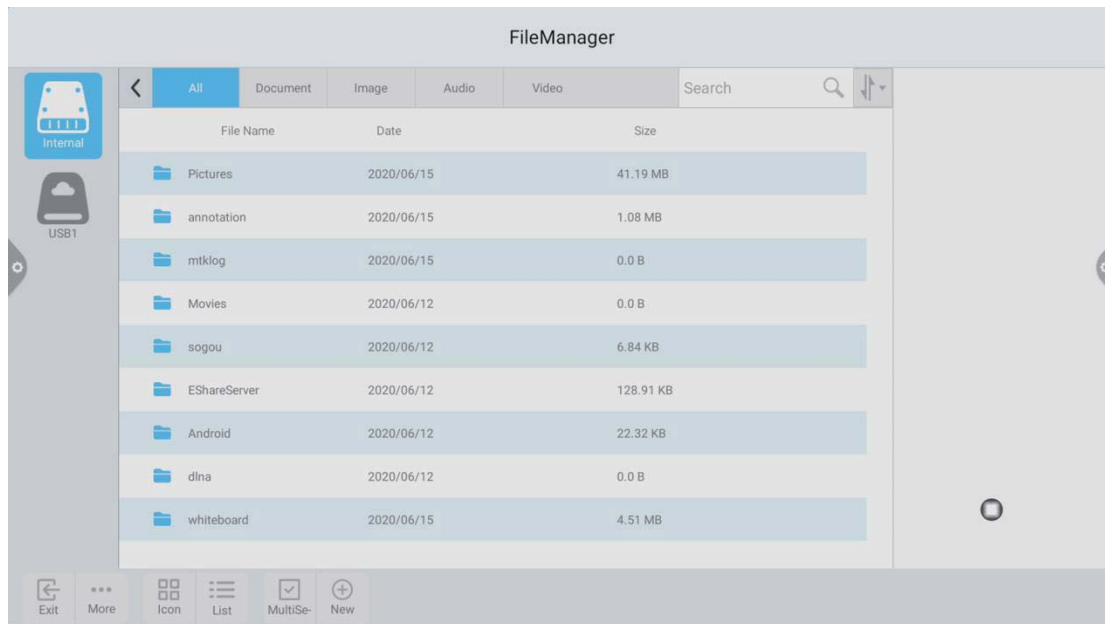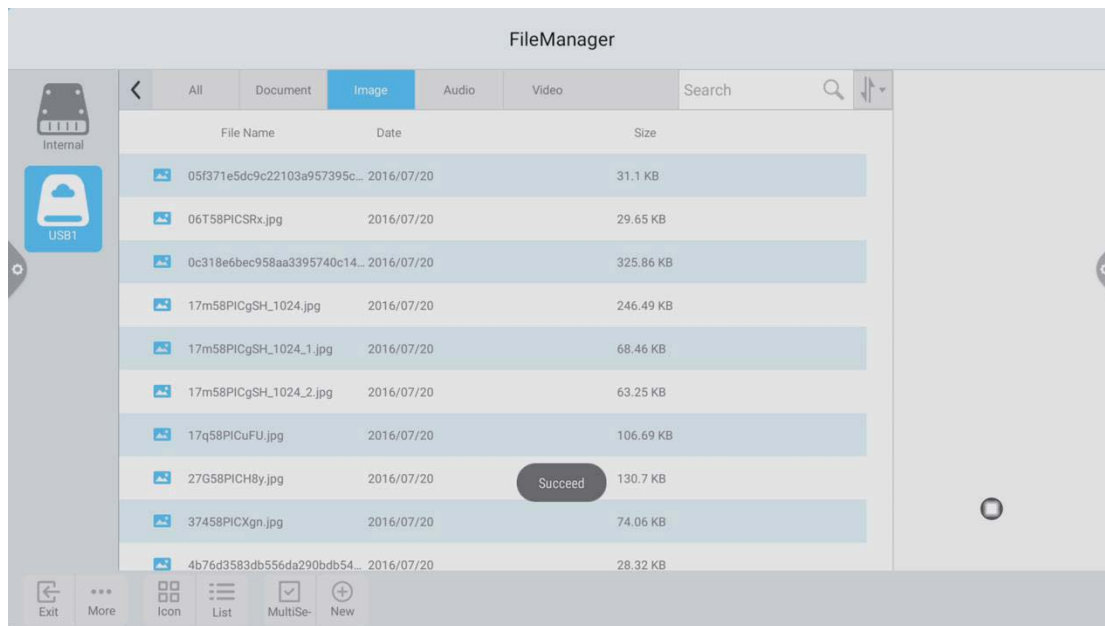
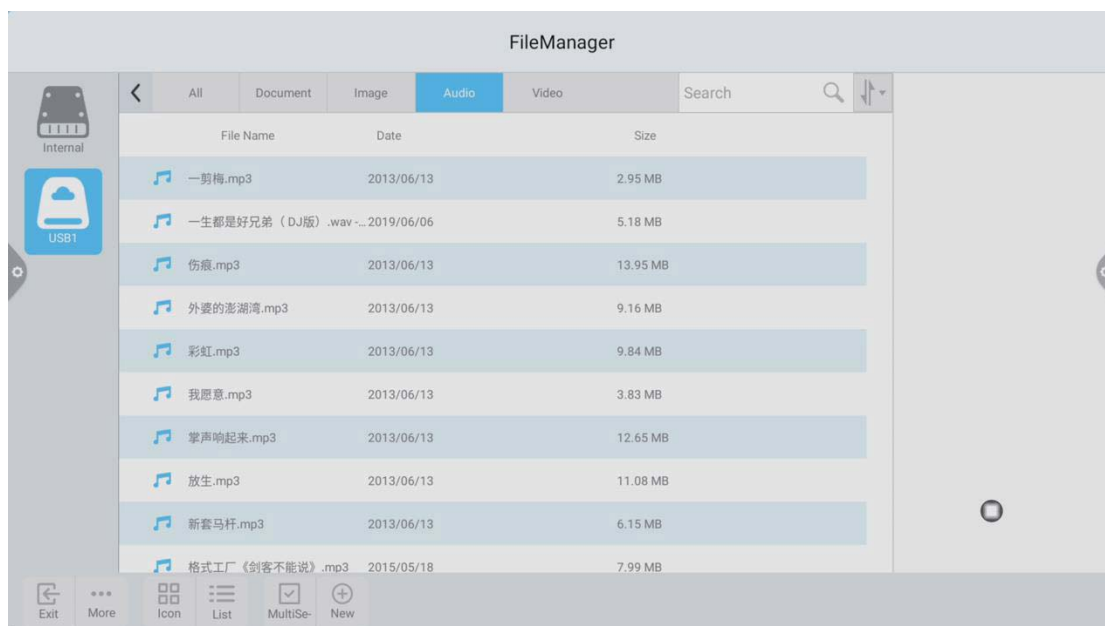## 2.2.2 Classification display

1. When user click "Document", the main contents are: Word, EXCEL, PDF, TXT files.
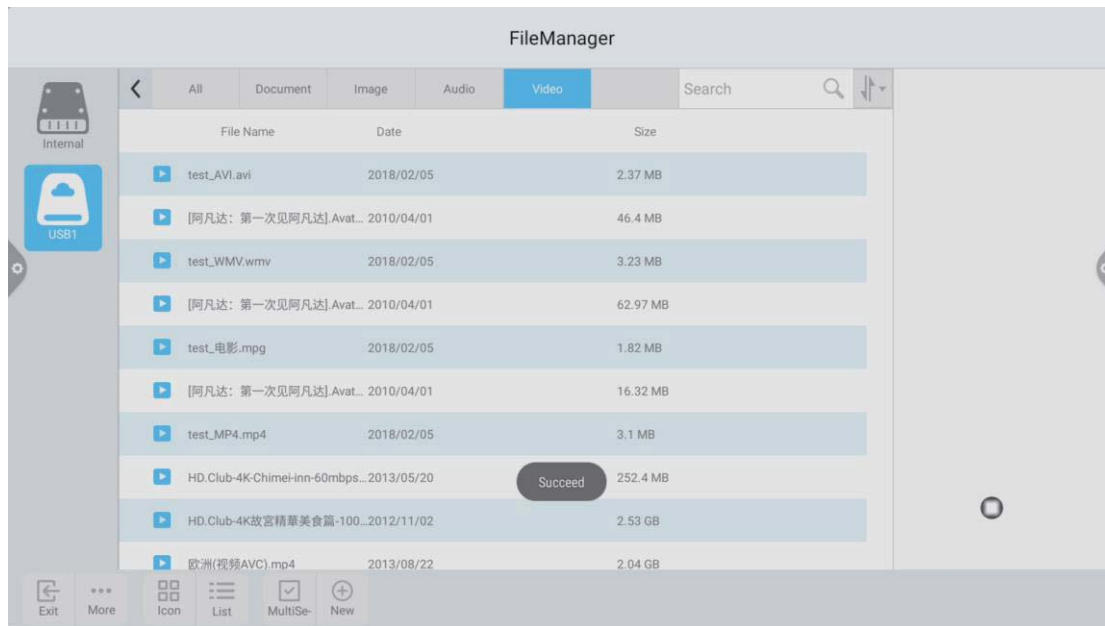
2. When user click "Image", the image format file is displayed.

3. when user click "Audio", the audio format file is displayed.

4. When user click "Video", the video format file is displayed.

5. Searching feature：In the search bar, enter the name of the file that the user needs to find. After clicking Search, the file to be found will be displayed in the main content window, as shown in the figure.
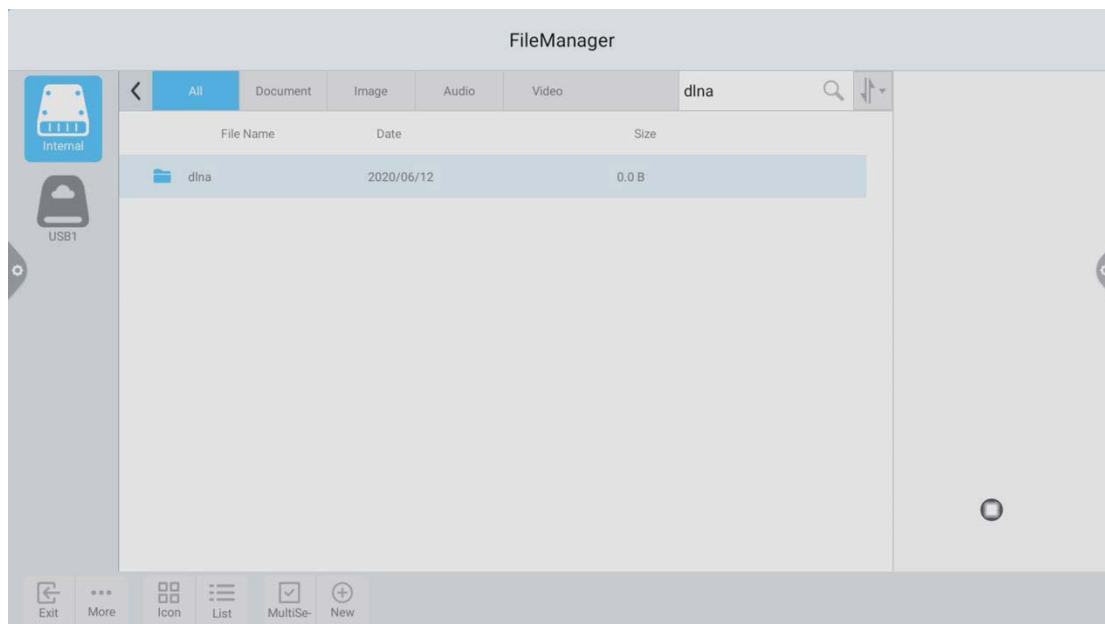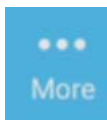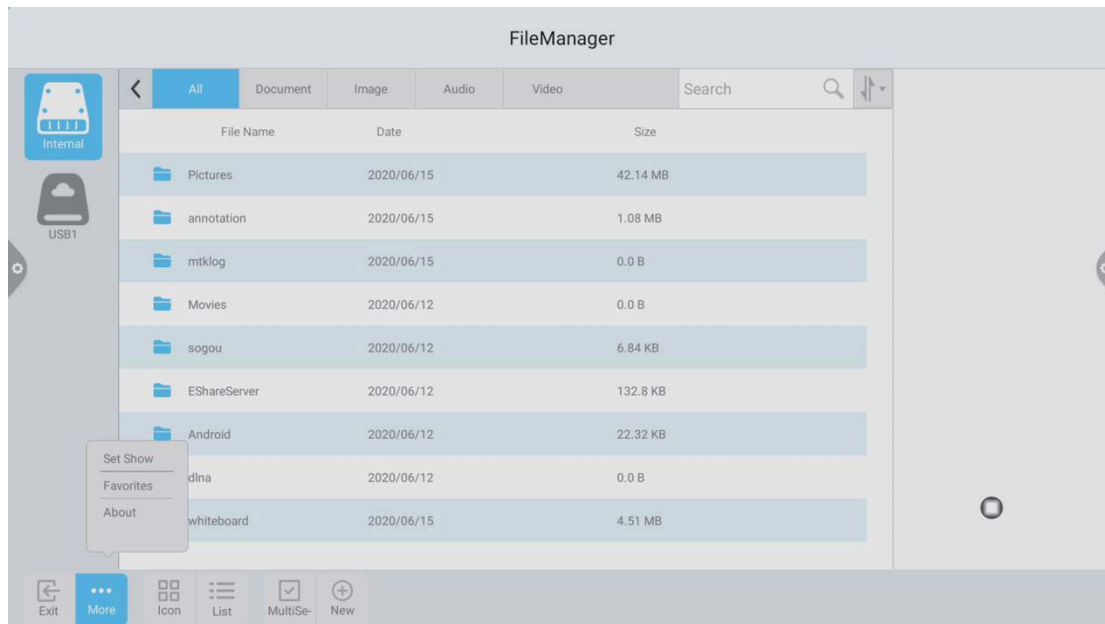
6. Sort

Click icon，The sorting list will pop up. The sorting method has four sorting methods: size, name, type, and time. Users can sort and sort files according to their needs.
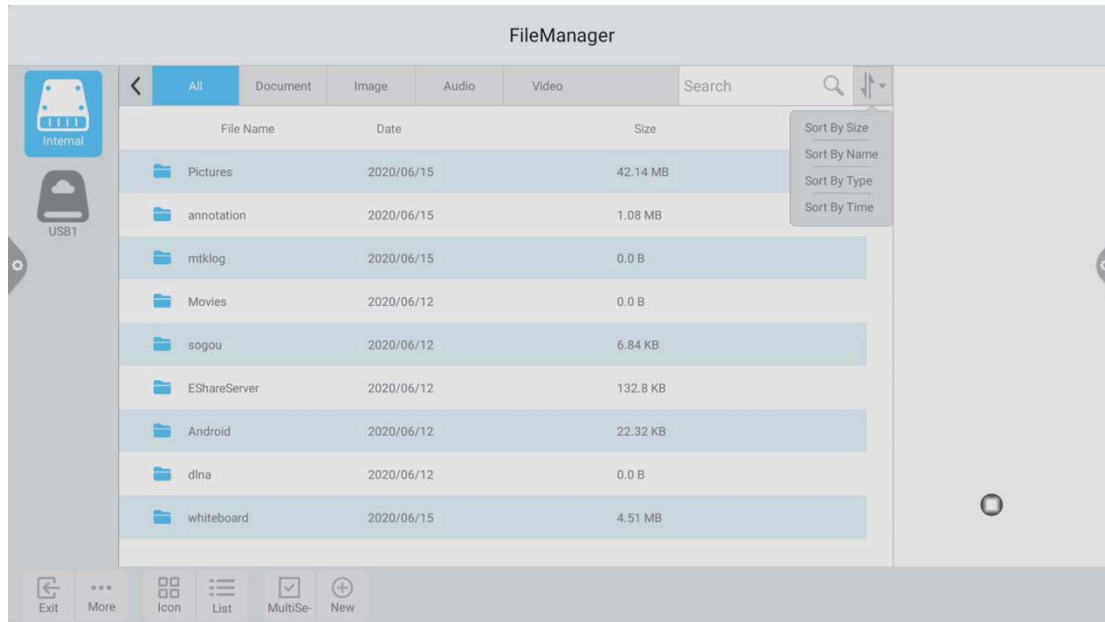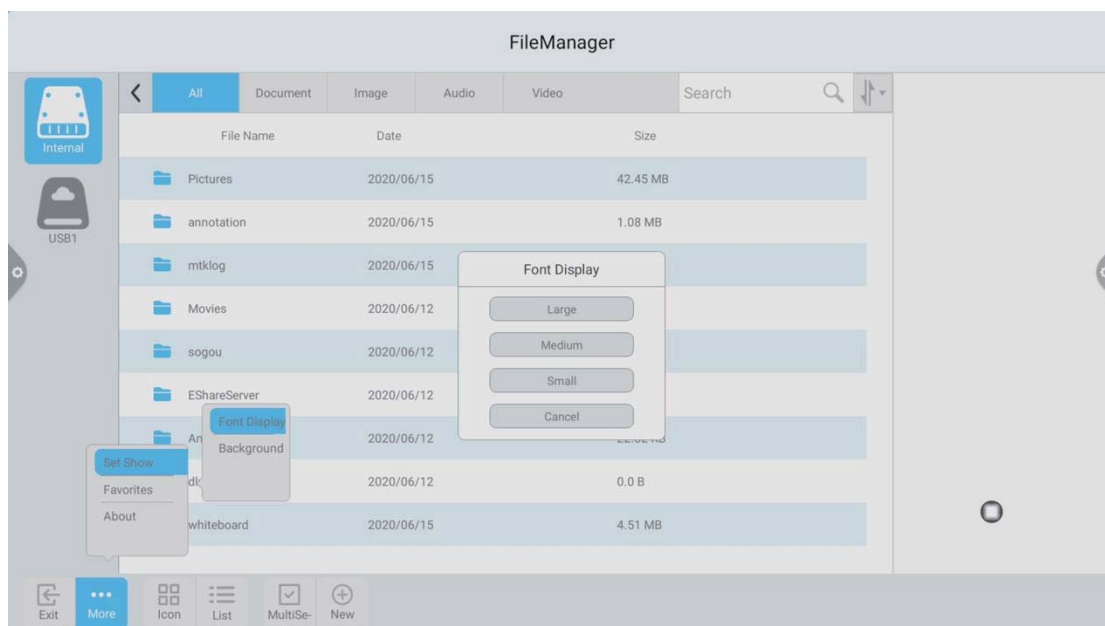

2.2.3 Extended menu

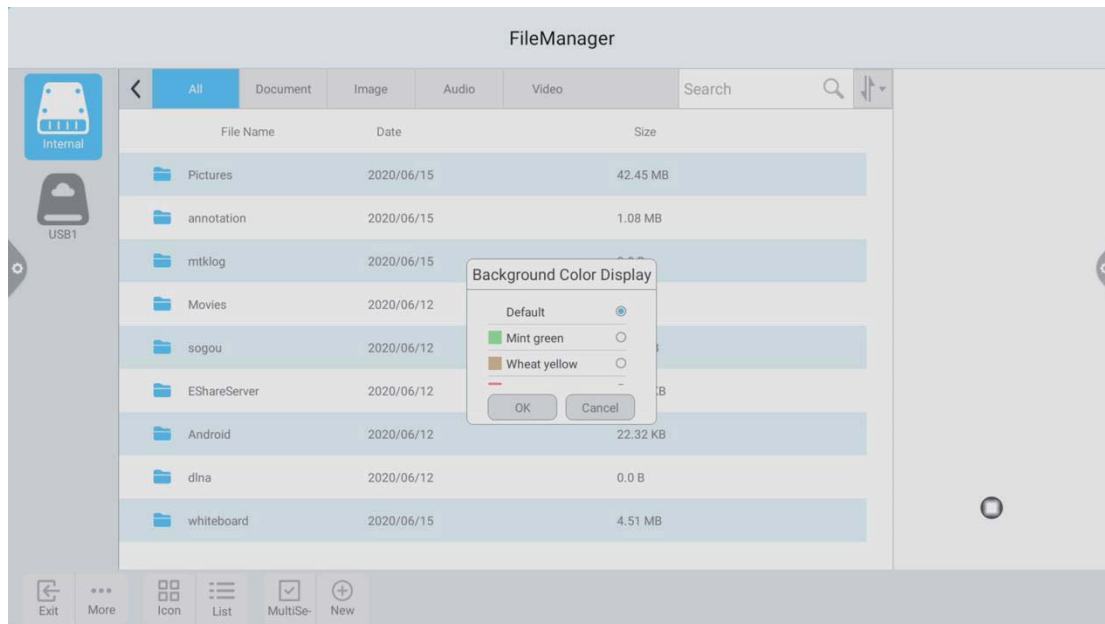Click icon，there are functions such as display settings, favorites, and version information.

1. Display settings

User can set the file manager's font display and background color display.

2. Favorites

(1) File collection: Select the files you want to collect and click on the collection.

(2) Viewing files: When viewing a file or folder in a favorite, user need double-click to receive the file or folder.

(3) Remove the favorite file: Click to select the file or folder to be removed, and then click to remove the favorite to remove.
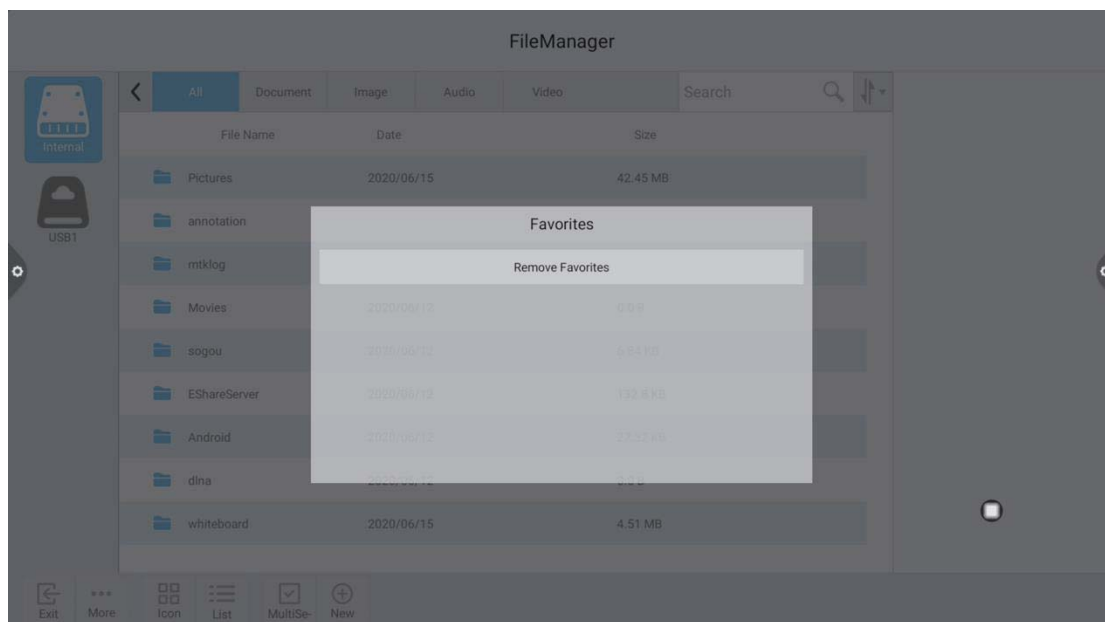
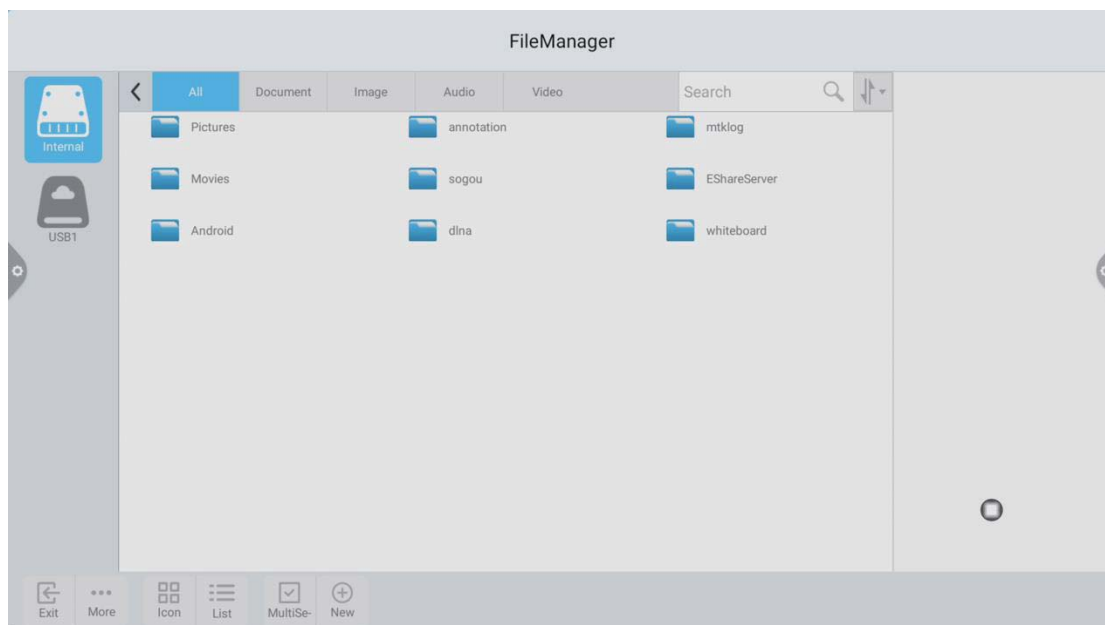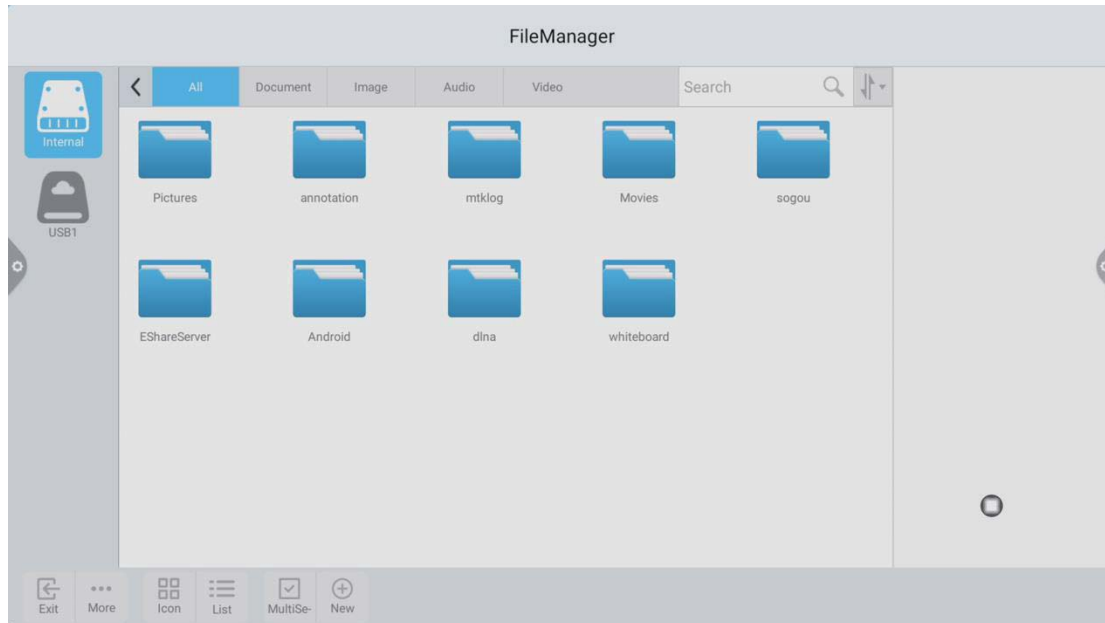(4) Exit the favorites: Click outside the Favorites interface to exit.

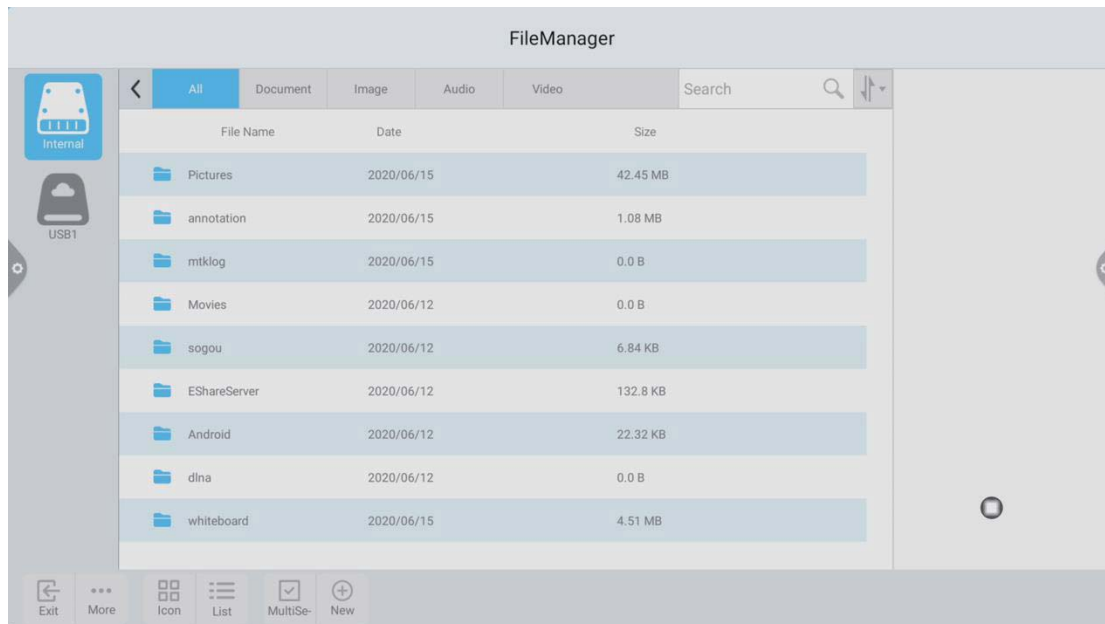3. About

User can view the file browser version information.

2.2.4 Display method

1. Icon display

The icon display can be divided into a large icon display and a small icon display.
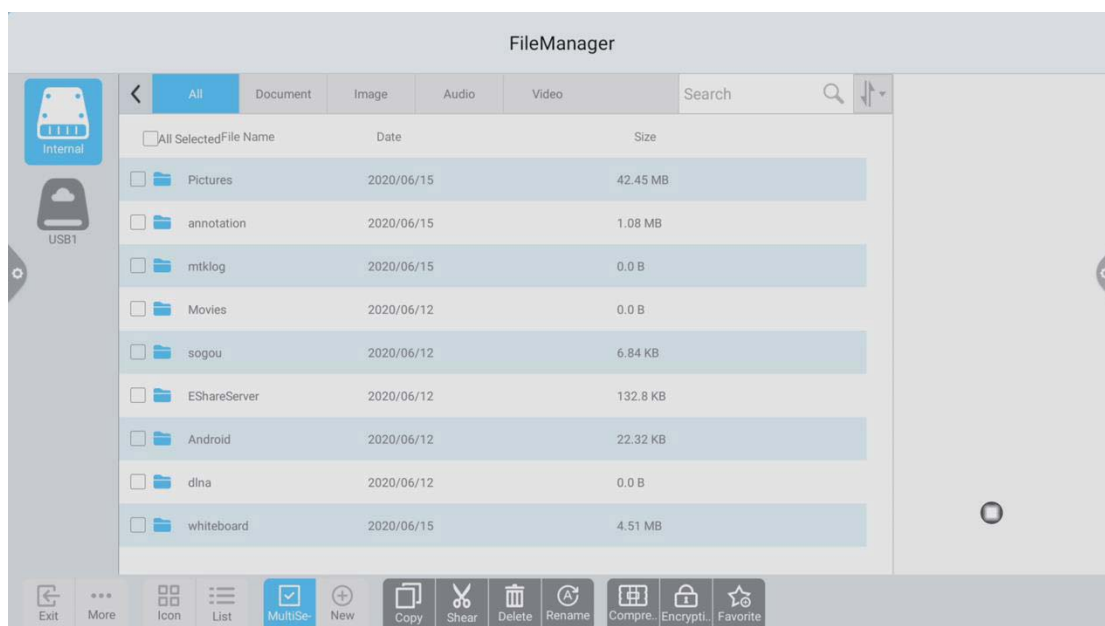

2. List display

2.2.5 Toolbar

1. Multiple selection

Click MultiSe- icon, Multiple folders can be selected at the same time.

1. Extension tool

When you enter the selected state, the extension toolbar will pop up, which copies, cuts, deletes, renames, compresses, encrypts, and collects functions.


（1）File encryption

a. Open password protection: long press to select the file or folder to be protected, click encryption, enter the password to confirm. After the file is encrypted, you cannot delete, copy, cut, rename, etc. the file.

b. Unprotect the password: long press to select the protected file or folder, click decrypt, enter the password to unlock the password of the file or folder.

## 2.3 VIP reception

2.3.1 Interface description

Click on the reception app icon ，enter to the app main page. The main interface is divided into a theme bar and a preview display bar.
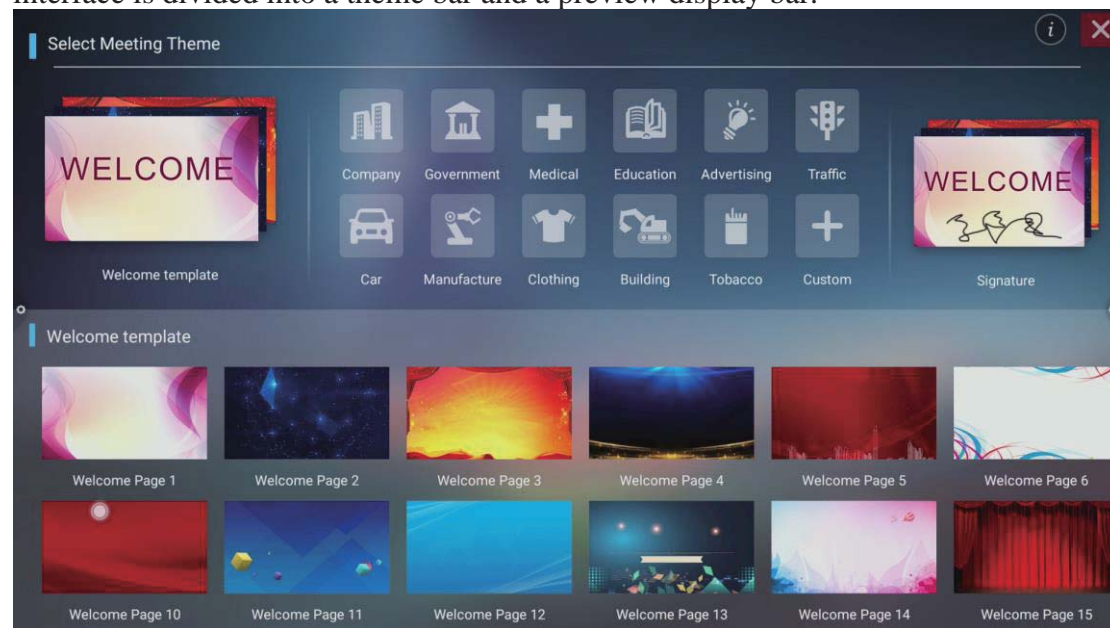
The topic column is divided into three modules: welcome module, industry theme, and signature picture. Users can customize the theme, edit the theme, etc. under the Welcome Module, Industry Theme module. Signed images can only be deleted.

2.3.2 Functional application

Open the theme image in the preview display bar.
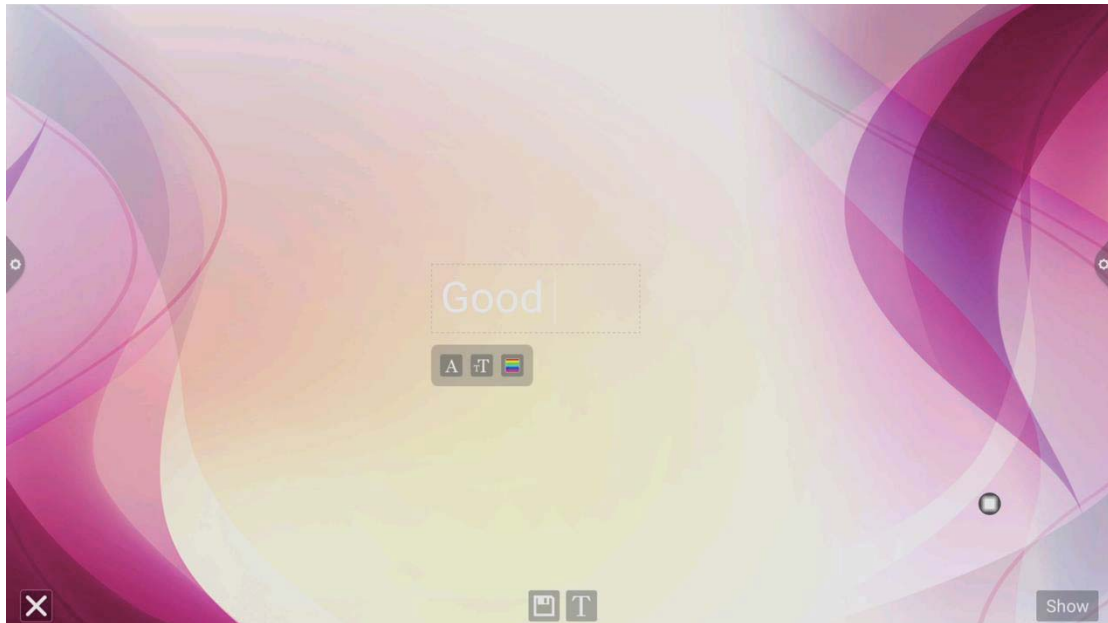
1.Text Editor：

（1）Click icon to enter text editing status, when in text editing state, user

can enter text by touching the keyboard，Click the function icon to

select the font, size and color of the text.

（2）Press and hold the edit box at the top of the theme screen to pop up the Edit

menu. Use the Edit menu to select, cut, copy, delete, etc. the contents of the edit box.

（3）Save：Click icon to save，save as the theme image and it will appear

under the theme.

2.Signature mode

If you select Show, you will enter the signature state. You can manually touch the

written content in the signature state, as shown in the figure.
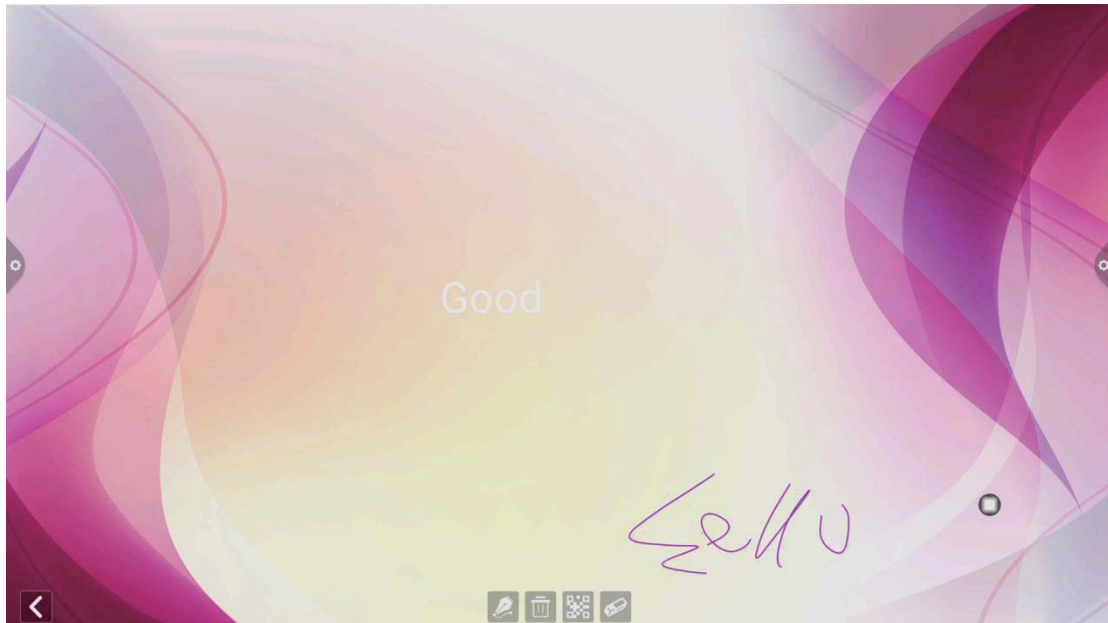
(1)Write：Click icon to choose the thickness of the line and the color of the line
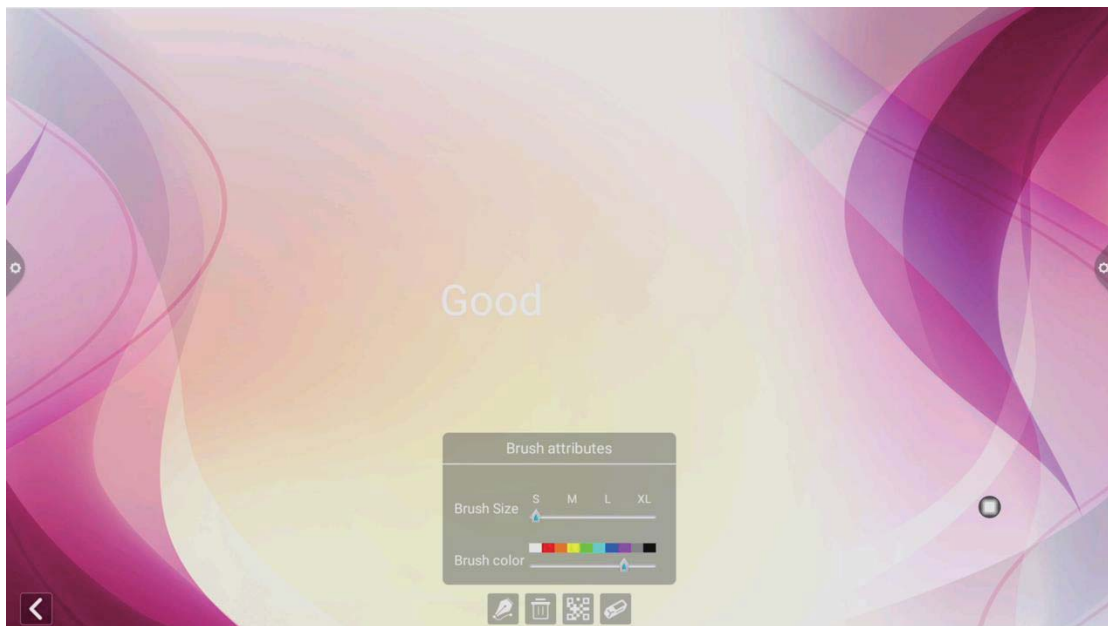
（2）Erase：a. Click icon to clear the edited content in the signature state; b.

Click icon to bring up the eraser function.

（1）QR code sharing：Click icon to save theme interface signature image, If the network is be connected , ueser can use the mobile phone to scan the QR code to view and download the saved theme image.