

一体机用户指南

IFPD User Manual - Android 14.0

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1 Introduction

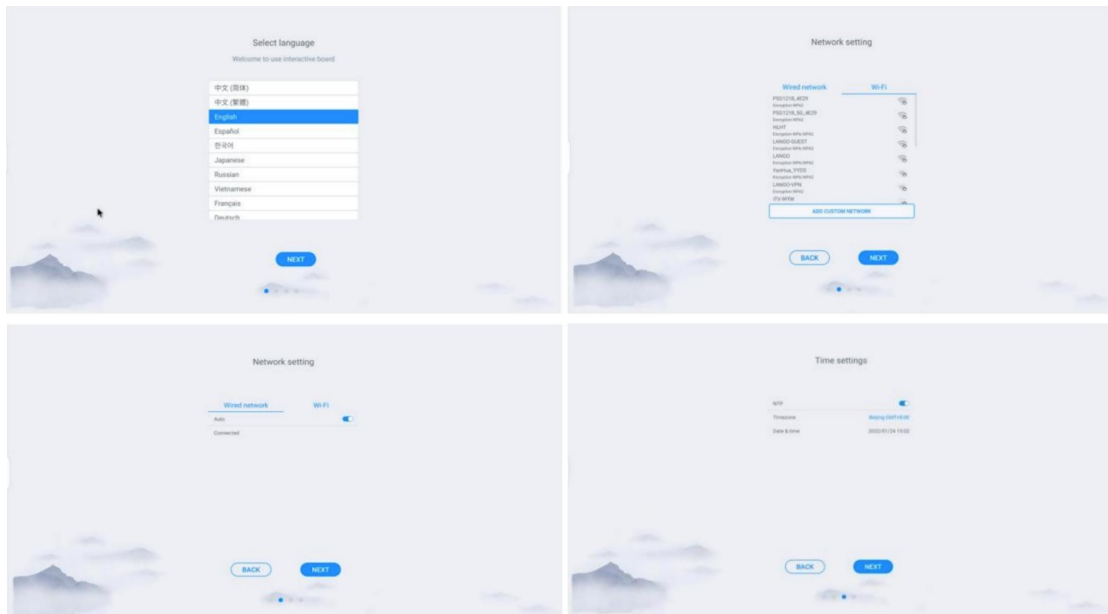
- This manual is aimed at all users of all-in-one machines and provides a reference for beginners.
- If you have any trouble or are unsure, please contact our manufacturer at <https://www.lango-tech.com>.

2 Product Features

This document aims to clarify the basic functions and operation methods of the all-in-one machine to users, so that users can get familiar with each function faster; This product is an interactive all-in-one machine with rich system functions and application functions. The basic use method of each function is introduced one by one.

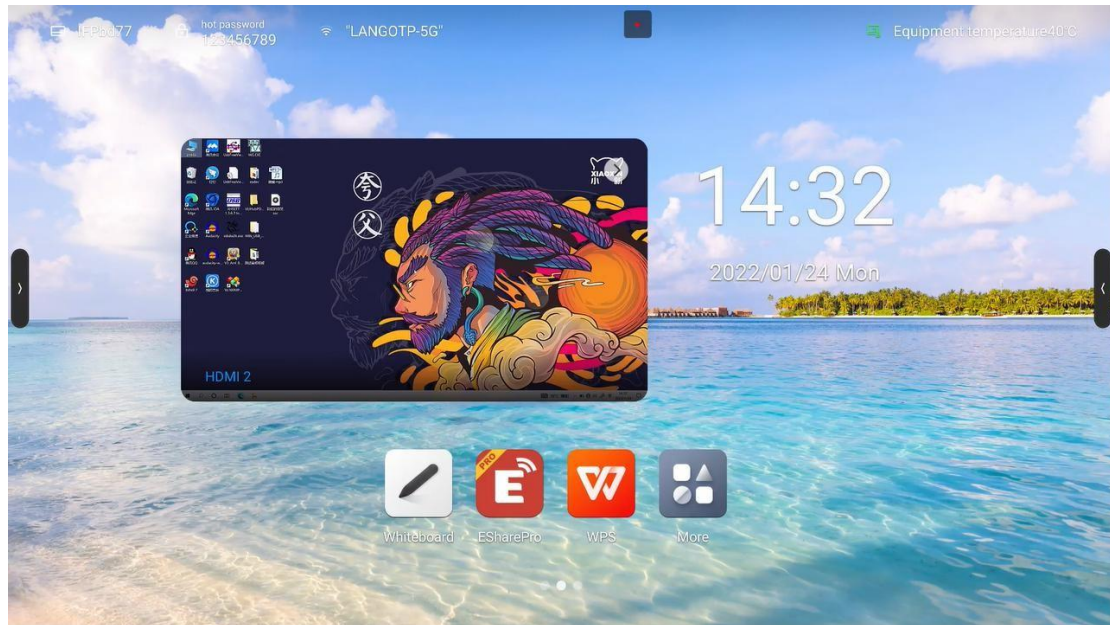
2.1 Boot Wizard

The boot wizard is a page that pops up when the user first boots the computer, guiding the user to quickly familiarize themselves with the basic functions of the all-in-one, mainly including the following pages:

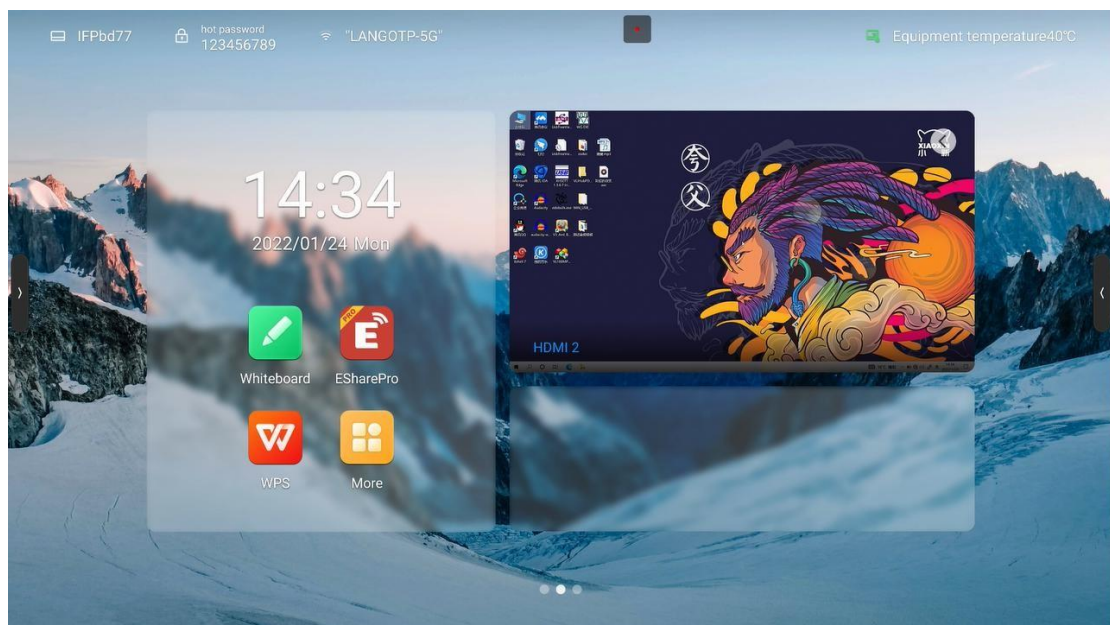


2.2 Launcher

Launcher is the landing page and theme page after power-up, system defaults to 2 sets of themes, as shown in the figure below:



Theme 1



Theme 2

2.2.1 Introduction of page elements

- **Wallpaper:** You can switch theme, custom background, and rotation wallpaper in system settings--General--Personalization;
- **Time:** Long press to open the system settings, can set date,time and formats manually;
- **Application icon:** Click to enter application
- **Source preview:** Preview the preset singal source , like OPS.Click the selection button at the bottom of the singal source preview interface to set the source; click the interface section to turn to the corresponding source page; click the "arrow" in the upper right corner to fold the source preview interface;

2.2.2 Status bar

The top status bar displays the device name, WiFi-AP name, network status, device temperature and user exit; described as below:

- **Device name:**Display the name of the current device, associated with hot spot name, screen share device name, Bluetooth name ect.; users can modify it in the settings--system setting
- **Hot spot password:** Display hot spot password when it is opened; hot spot can be set in settings--network--hot spot
- **Network status:** Show the current network and network status
- **Device temperature:**
 - (1) Temperature detection, real-time monitoring of the whole machine temperature, users can turn on / off this function in System settings-System-Power state);
 - (2) When the temperature $< 65^{\circ}\text{C}$ is in the normal temperature range, the text display as green;
 - (3) When $65^{\circ}\text{C} \leq \text{temperature} < 85^{\circ}\text{C}$ the temperature is high, the text display as orange,will remind you to shut down;

(4) When the temperature $\geq 85^{\circ}\text{C}$ the temperature is too high , the text display as red, to protect the device, it will forced shutdown after 5 seconds.

- **User exit:** Click to exit the current user and enter the user selection page; users can set in the settings- -system- -multi-user.

2.3 Sidebar

The sidebar is an application that is often displayed at the top of the page, allowing you to quickly perform various actions;



How to open: swipe from the left and right edges to the middle to call out or click the expand button on the left and right sides to expand the sidebar; The sidebar will be closed automatically when it is not operated in 10 seconds.

Sidebar features include: Back, Home, Multitasking, Comments, Control panel, Sources;

2.3.1 Back

Click once to return to the previous step of the operation until you are back to the home page or the start of the operation;

2.3.2 Home

Whichever page you're on, tap the home icon to quickly return to the Android home page. The current app goes back to the background, where the user can retrieve it in multitasking;

2.3.3 Multi-task

Go to the System multitasking page to see what apps are currently running in the background;

2.3.4 Annotation

Enter annotation mode, see "Annotation Function" for details.

2.3.5 Control Panel

Tap the Control panel icon and expand to show the control panel on the current page. The control panel is divided into three sections: Shortcut tools, sound brightness adjustment, and application list.

2.3.5.1 Shortcut Tools

- **Ethernet network:** Tap on/off the wired network;
- **Wi-Fi** Tap on/off wireless network;
- **Hotspot:** Tap on/off hotspot;
- **Timer:** Tap to turn on the timer;
- **Screenshot:** Click to open the screenshot tool, when open, the sidebar will automatically hide;

- **Smart eye protection:** Click on/off to reduce the blue light of the screen after opening to reduce the damage to the eyes;
- **Touch induction:** click on open/close, after opening, the screen brightness drops by 30% when touching, and the brightness recovers after 5s without touch to reduce the brightness glare during operation or writing
- **Energy saving:** Click open/close, after opening, the screen brightness is set to 25, and turn off the automatic adjustment of brightness, if you manually adjust the brightness or open the automatic adjustment, the energy-saving mode will automatically turn off
- **Child lock:** After opening the child lock, the touch of the screen is locked, and the touch event does not respond. The child lock logo is displayed at the top left of the interface, and the method of removing the child lock is as follows:
 - (1) Use the keypad combination key to press V-,V-,V+,V+ successively
 - (2) Using the remote control key combination, press V-,V-,V+,V+ in succession
 - (3) Use child lock files
 - (4) Create a new text document
 - (5) Input U2FsGVkX18v36lHH2OloQYdlbG + Y18YkDs9R1ACvSE =
 - (6) Name the file usb_child_key
 - (7) Remove the file extension.txt
 - (8) The file characters are UTF-8
 - (9) After saving and in the U disk root directory
 - (10) Insert the USB key in child lock mode to unlock
- **Lock screen:** Click the lock screen, you can modify the lock screen unlock mode in [System Settings]
- **Channel Settings:** Under channel, click to open channel Settings to set image scale, VGA image adjustment (under VGA channel), and HDMI EDID version (under OPS, HDMI channel).

2.3.5.2 Sidebar button

Sidebar Expansion style Settings: When enabled, the expansion button is displayed when the sidebar is closed, which can be tapped to expand the sidebar

When closed, hide the expand button when the sidebar is closed, and slide inwards from both ends of the screen to exit the sidebar

- Volume adjustment: Slide to adjust the size of the sound;
- Brightness adjustment: adjust the screen brightness by sliding. When the energy-saving mode is opened, the brightness does not support manual adjustment.

2.3.5.3 Personal APP

Display all app functions. Click to open the corresponding app. Long press the app with the "multi-window corner label" icon to open the app in the form of a small window.

2.3.6 Signal source

Click the source icon to display the list of signal sources (connected sources are highlighted), and click to enter the corresponding channel.

2.4 compass

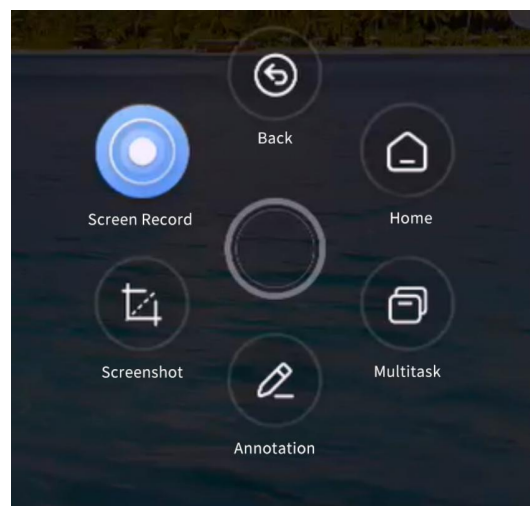
Compass provides users with a quick way to operate, the basic operation is as follows:

- Long press the five fingers on any interface to call the compass out;
- Click the middle circle of the compass to open or close the compass;
- Drag the circle in the middle to move the compass position.

Compass Folded state: The compass folded state is a transparent floating ball (which can be adjusted to list style in Settings) that can be overlaid on the top of the application page and can be dragged and placed on the page at will.

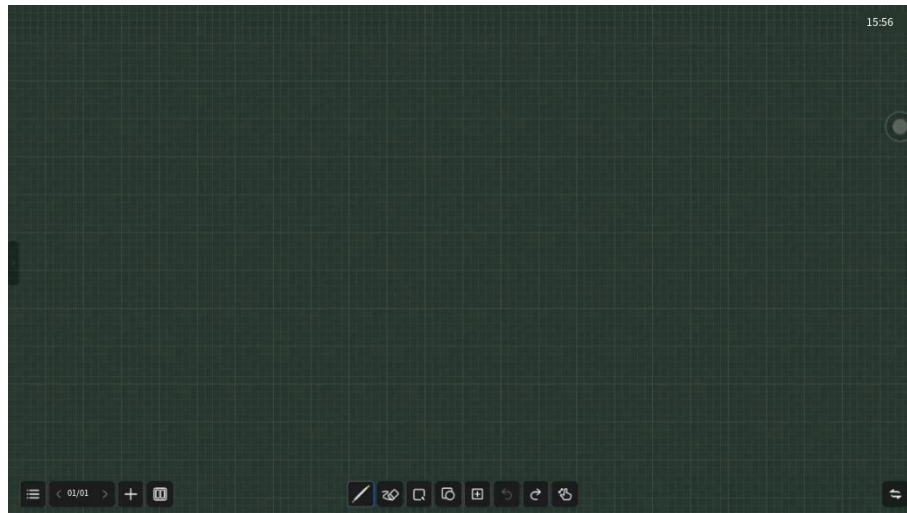


Compass extended state: Compass supports a total of 6 functions, including return, home page, multi-task window three applications are the default functions of the system, and the other three can be customized. Users can set common functions according to their preferences, and the specific operation is shown in: Settings - General - Compass.



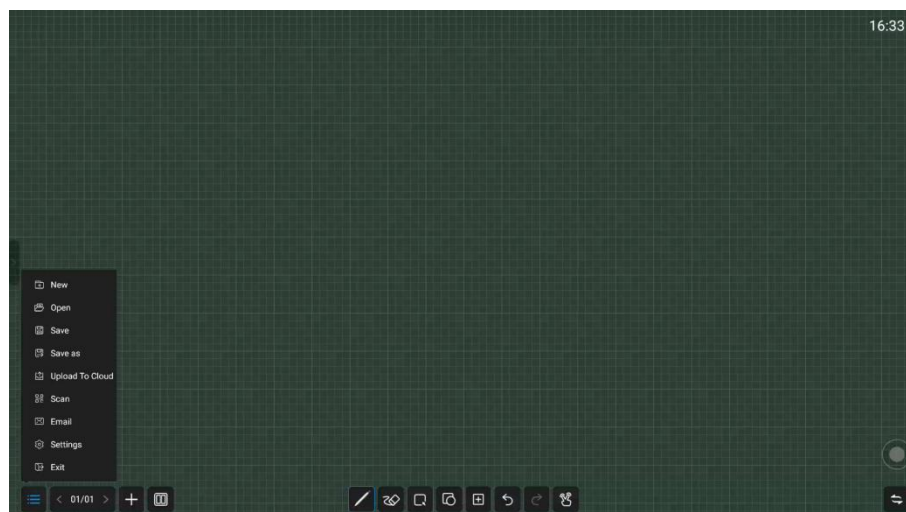
2.5 Whiteboard

Whiteboard provides a more efficient and vivid display method for teaching and meeting by integrating a variety of functions: touch function, multimedia playback, interactive teaching, file management, multi-person collaboration, data saving and sharing.



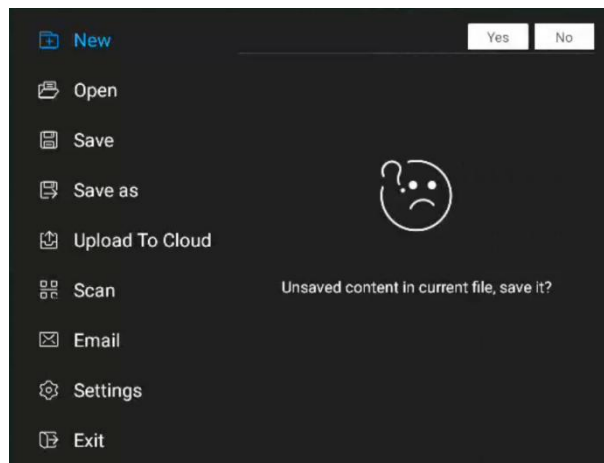
2.5.1 Menu bar

Tap the bottom left button  of the whiteboard page to open the whiteboard menu.

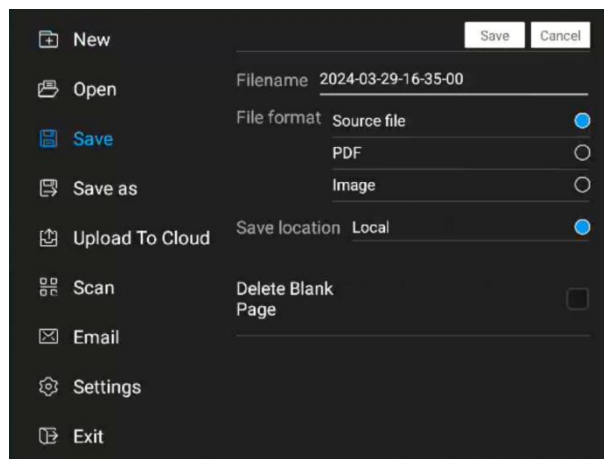


The menu bar contains new, save, share, close, and various Settings of the whiteboard. The basic operations are as follows:

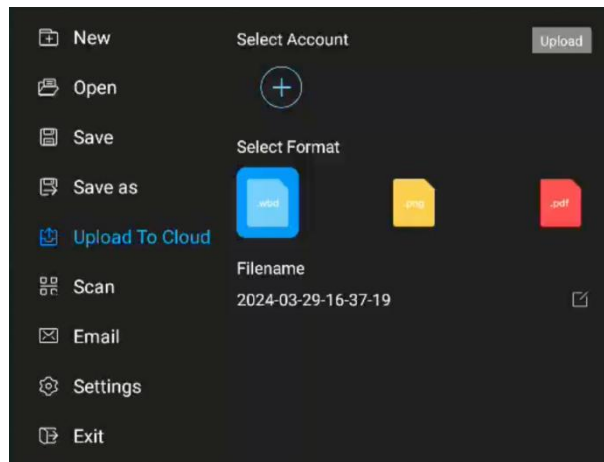
- **New:** Click to create a new whiteboard and the current document will be closed; If the current document is not saved, the user will be prompted to save the file before creating a new one;
- **Open:** enter the file manager, display all whiteboard files, click to open the file; If the current document is not saved, the user will be prompted to save the file before opening a new file;



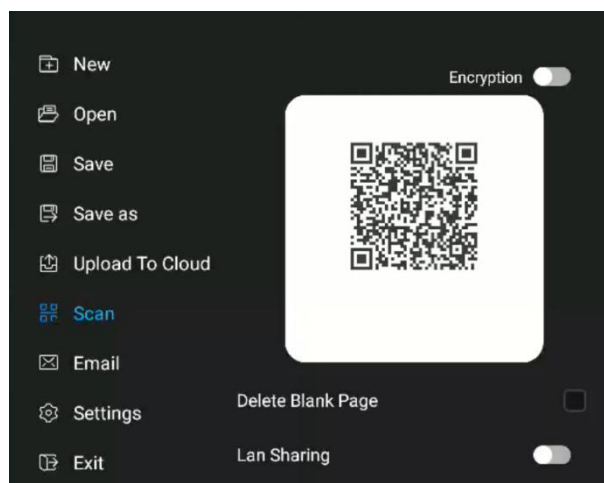
- **Save:** Click to save the current file, support to set the name of the document, document type, storage location;
- **Save as:** Store a file in addition to the current file. It supports setting the document name, document type, storage location, and can check whether to delete blank pages.



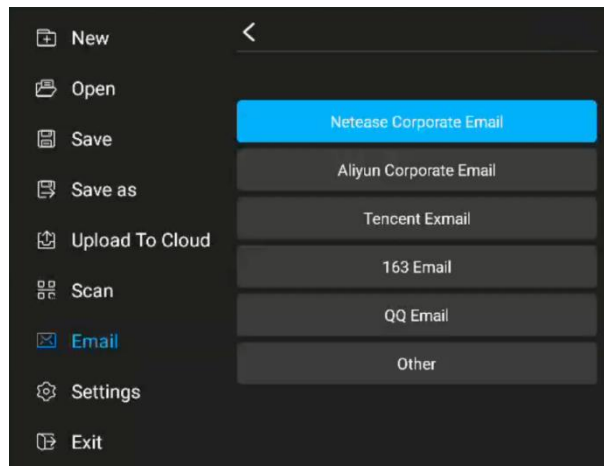
- **Upload To Cloud:** Upload the whiteboard file to the network disk for saving, and you can choose different formats, such as: suffix wbd, png, pdf files.



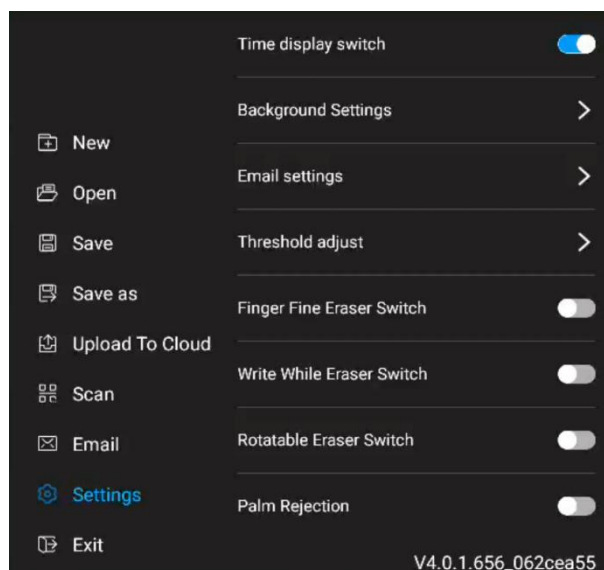
- **Scan:** click to present and share the two-dimensional code, and users can download the whiteboard picture file by scanning the code; Click the encryption above the QR code to generate a digital password. After scanning the code, you need to enter the password to obtain the content; Support local area network and external network sharing two ways, users can choose the default mode in the system Settings;



- **Email:** After binding the mailbox, the whiteboard file can be sent directly through the mailbox.



- **Settings:** The general Settings of the whiteboard are used to set the various states of the whiteboard according to the requirements. The specific Settings are as follows:

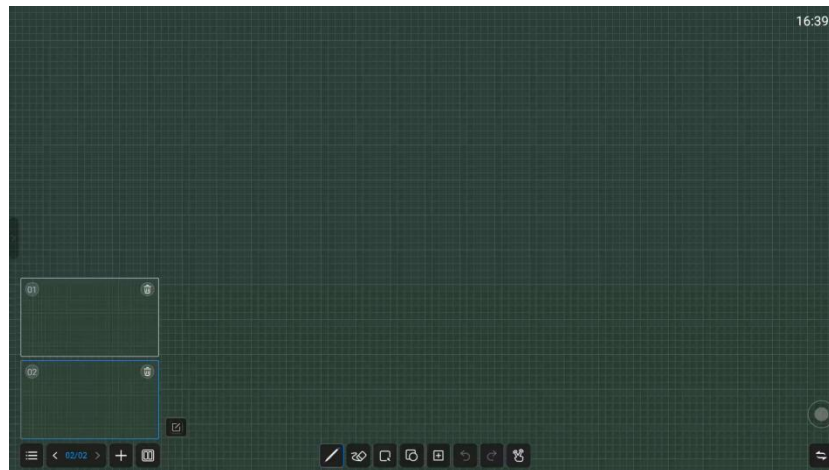


- (1) **Time display switch:** Control whether the time on the upper right corner of the whiteboard is displayed
- (2) **Background Settings:** Set the background style (background color, background picture, grid background)
- (3) **Email Settings:** Set the mailbox used, which supports NetEase Enterprise

mailbox, Ali mailbox, Tencent mailbox, NetEase mailbox, QQ mailbox and custom mailbox.

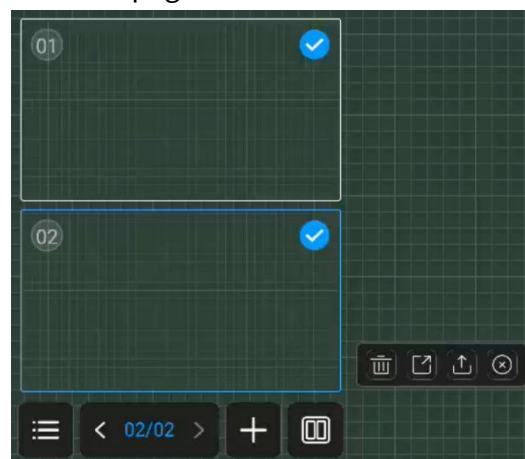
- (4) **Threshold adjust:** Set the threshold of weight pen and eraser, through the threshold setting, the identification of weight pen and eraser can be more accurate, and you can also change different writing pens and eraser according to your habits.
 - (5) **Finger fine eraser switch:** Control whether the finger fine erase function is turned on or not. When it is on, you can use your finger to perform a small area of fine erase, and when it is off, you cannot use this function.
 - (6) **Write while eraser switch:** When this function is turned on, the board can be used to erase while writing on the whiteboard; When turned off, erasure and writing cannot be carried out at the same time.
 - (7) **Rotatable eraser switch:** When this function is turned on, the eraser can be used for rotational erasing, and when it is turned off, the rotation of the eraser cannot be recognized.
 - (8) **Palm rejection:** When this function is turned on, the wrong touch of the palm part will be filtered during the writing process, and it will not be filtered when it is turned off.
- **Exit:** Click to exit the whiteboard, close the page and process; If the current document is not saved, the user will be prompted to save the file;

2.5.2 Page management



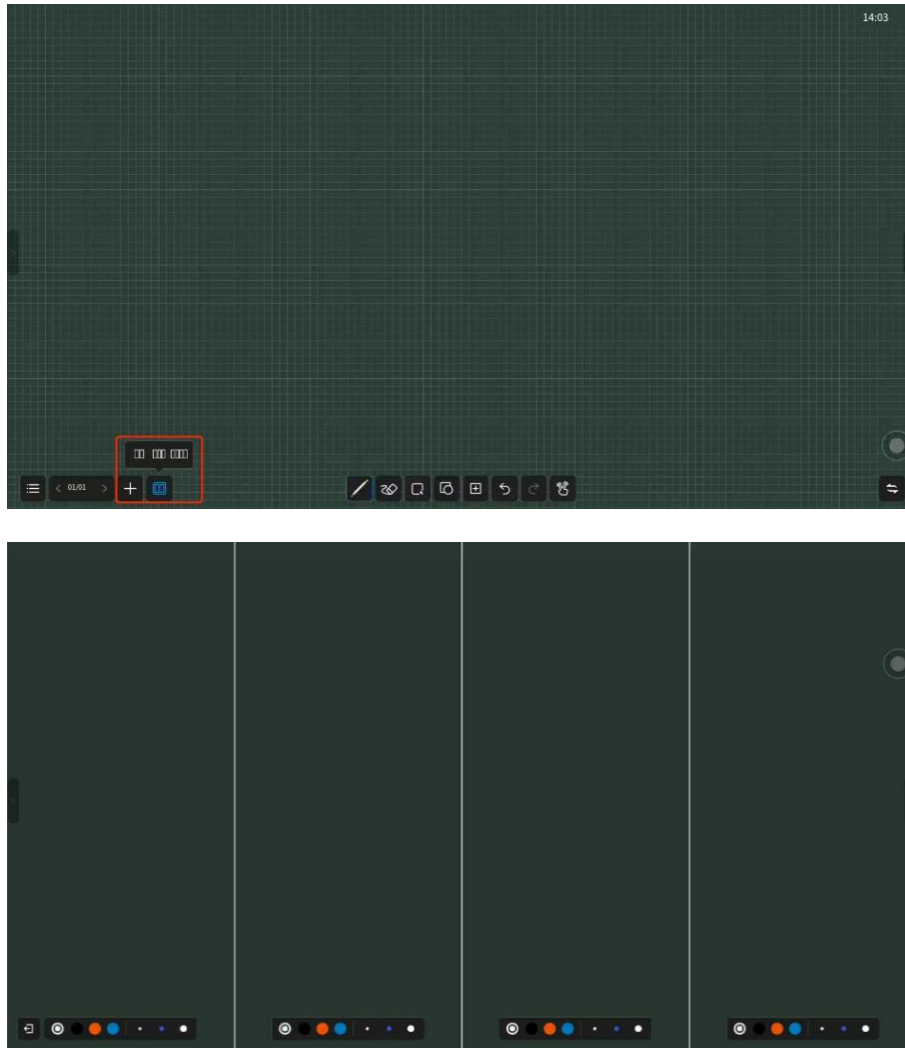
Page management is mainly to manage the individual pages of the whiteboard, including:

- **Previous page:** Click to switch to the previous page of the current page, when it is already on the first page, it is not clickable;
- **Next page:** click to switch to the next page of the current page, when already on the last page, not clickable;
- **Add page:** Click to add a new page after the current page and jump to the new page display;
- **Current page number:** displayed as "02/02", the front number represents the current page, the back number represents the total number of pages; Click the middle number to open the list of all whiteboard pages. You can delete, share and export the whiteboard pages.



2.5.3 Split screen writing

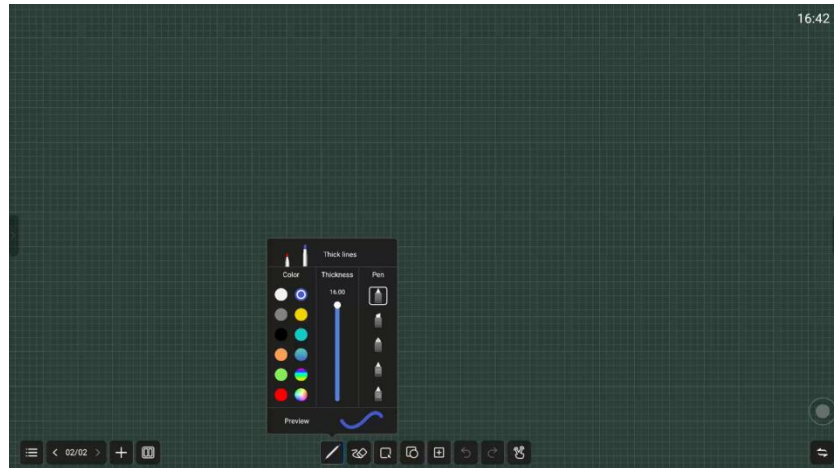
Click split screen writing to choose to divide the whiteboard into two screens, three screens or four screens. After the split screen, each screen can write freely without interference.



2.5.4 Paintbrush

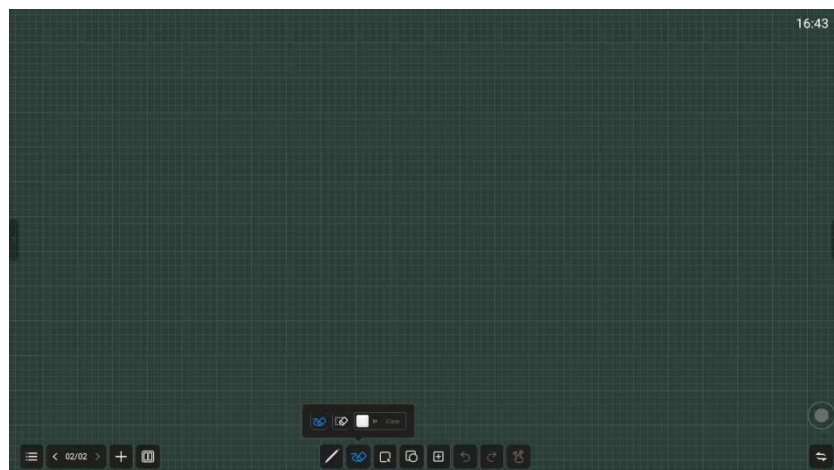
Click the selected brush again to set the stroke size (which can be automatically recognized), the color of the writing, the weight of the writing, and the stroke type.

The details are as follows:



- **Colors:** Preset 9 monochrome and 2 gradient colors, click to select, select effective; Also supports user customization, click custom can choose their favorite color;
- **Thickness:** support 2-16 thickness adjustment, the below can be previewed;
- **Style:** Support common brush, marker, pen three brush styles, as well as text recognition brush and graphics recognition brush two kinds of intelligent brush, can be selected to convert the handwritten text into printed text and graphics;

2.5.5 Erasure



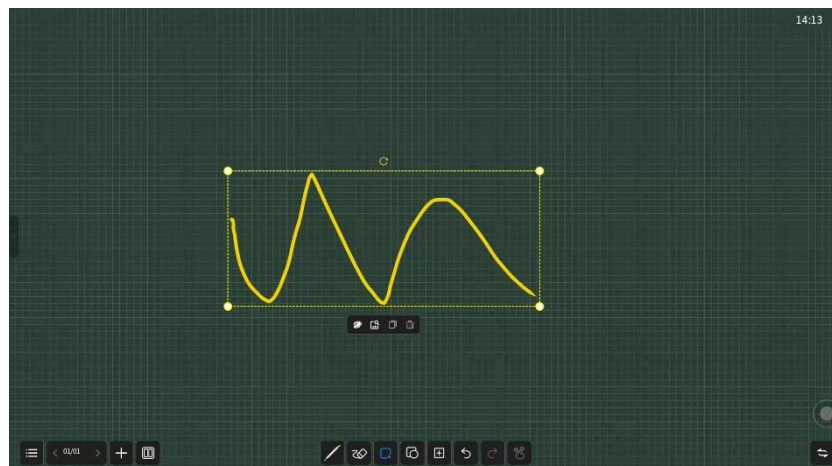
After writing, you can erase the content directly with the palm/back of the hand. In addition, the following cleaning methods are also supported:

- **Circle erasing:** Circle selects the belt object to be deleted, and the strokes within the circle selection are erased
- **Path:** Cross the brush with the object to be deleted, and the strokes that are crossed or within the final circle selection will be deleted;
- **Swipe Clear:** Swipe the button to clear the current page.

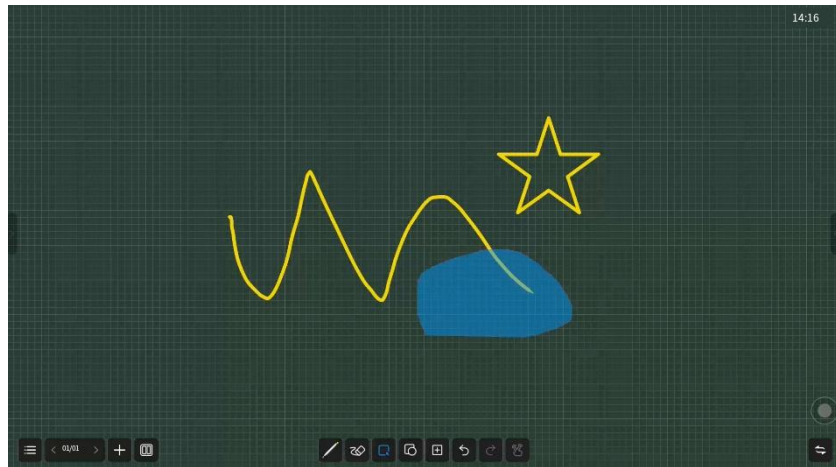
2.5.6 Select

Click the **select** button to switch to select mode, click the handwriting or picture and other elements to select the element, and the selected part can be enlarged, reduced and rotated. At the same time, you can also switch the color of multiple handwriting, search the picture (long press the searched picture to put the picture into the whiteboard), copy and delete.

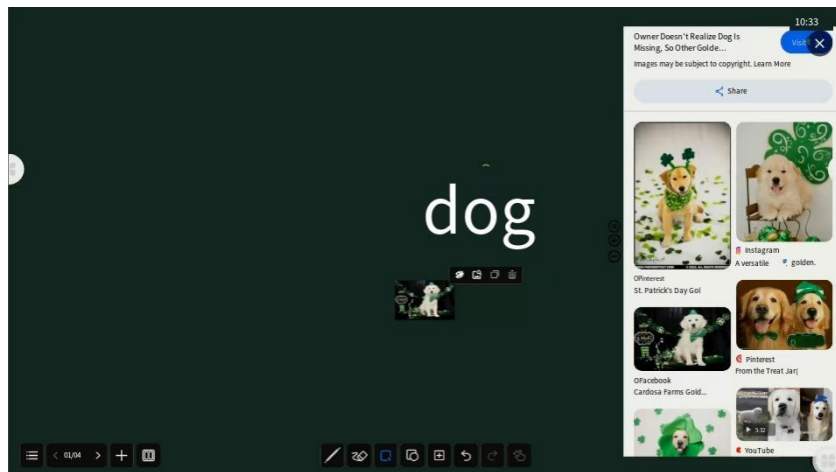
- **Click on the selected element**



- Box select the selected element

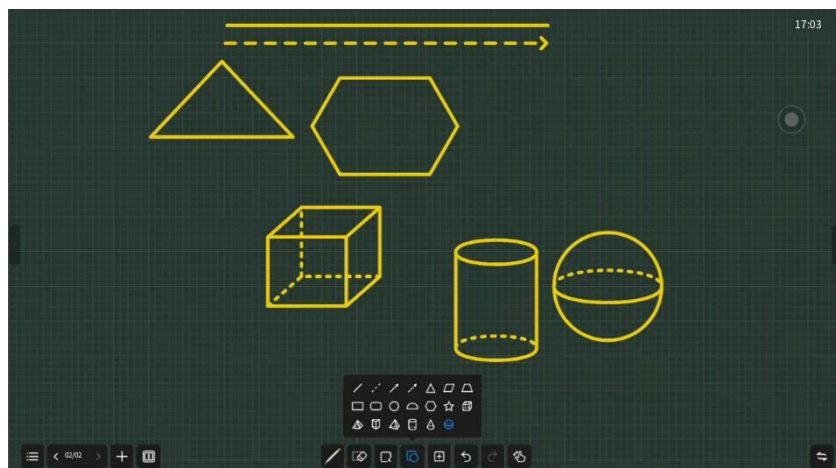


- Image search



2.5.7 Graphics

Select a graphic and move it with touch to draw different geometric shapes, including lines, plane shapes, and stereo shapes.



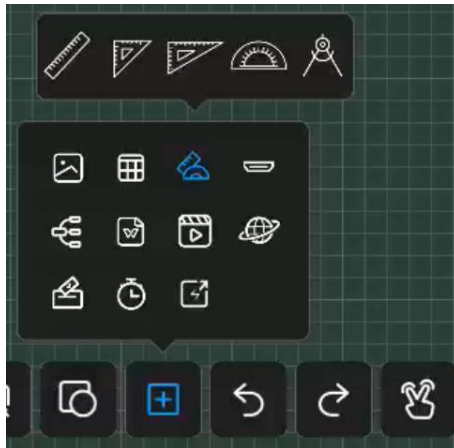
2.5.8 Toolbox

A variety of tools can be inserted into the whiteboard, including images, tables, math tools, channels, mind maps, documents, videos, browsers, votekit (see 2.13.7), timer(see 2.13.8), and easy upload (see 2.13.3).



The specific contents are as follows:

- **Picture:** Click Image Insert, you can enter the file manager-picture page; You can select single or multiple (up to 10) pictures and insert them into the whiteboard.
- **Table:** Click the table icon, select the number of rows and columns of the table to be inserted, and click OK to insert the table into the whiteboard. Use the brush tool to input content in the table, the width and height of the table will automatically adapt to the brush size; Using the selection tool, you can select the table and perform column operations on it, such as adding and deleting. You can also use the brush tool to add rows or columns by drawing horizontal or vertical lines across the same row or column. Similarly, you can use the brush tool to delete rows or columns by drawing a "Z" line across the same row or column.
- **Math tools:** After clicking, the ruler, triangle, isoscel triangle, protractor and compass appear, which can be moved, stretched and rotated after being inserted into the whiteboard.



- **Channel:** Click the channel to open the screen of different signal sources, and insert the free window in the form of signal sources;



- **Mind map:** Click insert mind map, use the brush tool to input content in the table, the width and height of the table will automatically adapt to the brush size;
- **Document:** Click Document Insert, you can enter the file manager - document page, you can choose PPT, word, PDF file insert, insert in the form of WPS free window;
- **Video:** Click document Insert, you can enter the file manager-video page, you can choose video file insert, insert in the form of media player free window;
- **Browser:** Click on the right side of the browser window, you can search for relevant information.

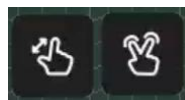
2.5.9 Undo and anti-undo



- **Undo:** Click the **undo** button to undo the last step of the operation, up to 30 steps are supported to undo;
- **Anti-undo:** click the **anti-undo** button to resume the last undo operation.

2.5.10 Two-finger zoom/multi-finger writing mode

Tap to toggle the two-finger zoom/multi-finger writing mode.

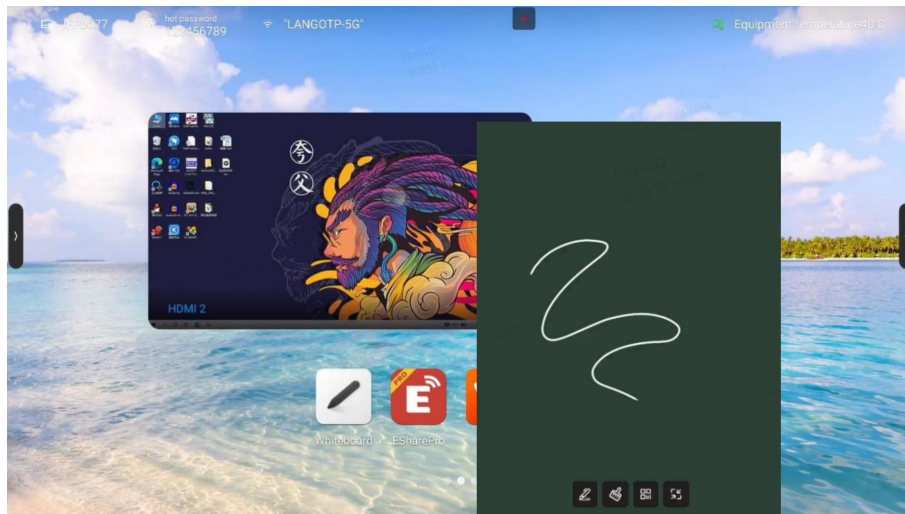


2.5.11 Toggle layout

Click to switch the layout of the whiteboard menu and the operation part of the whiteboard page, which is used to adapt to the switch of the position of the presenter.



2.6 Mini whiteboard

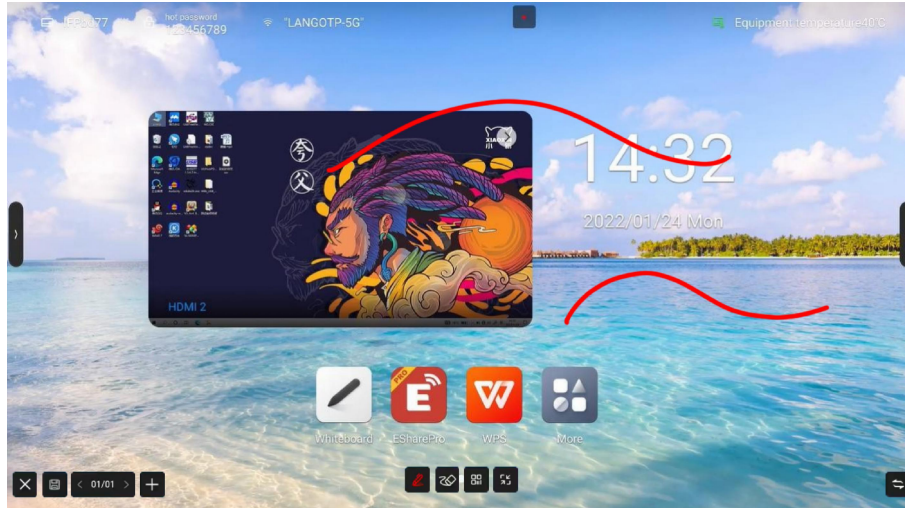


On any page, swipe up from the bottom to bring up a mini whiteboard for quick writing; Basic features include:

- **Brush:** Color selectable for quick writing;
- **Erase:** with the whiteboard application, using palm erase, point wipe, circle wipe several ways;
- **QR code:** click the scanning **code** to generate the two-dimensional code of the web link under the network state. You can use the mobile terminal to scan the two-dimensional code to obtain the annotation content (picture format); Click the encryption above the QR code to generate a digital password. After scanning the code, you need to enter the password to obtain the content;
- **Minimize:** After clicking, put away the quick whiteboard; You can also carry out multi-finger sliding in the mini whiteboard to put away the whiteboard;

2.7 Annotation

Click on the annotation in the compass to enter annotation mode, the current page has been screenshot as the base map of annotation mode exists.



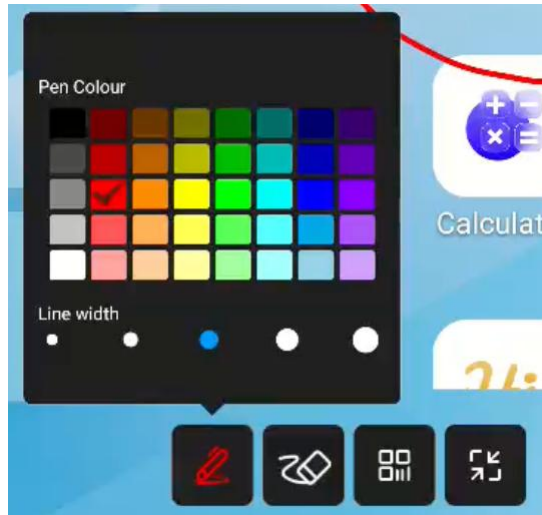
The bottom is divided into three sections, which are:

- **Left action bar**

- (1) **Exit:** Click Exit to clear the annotation content and exit annotation mode;
- (2) **Save:** you can save the page to the local folder, optional format as picture or PDF;
- (3) **Add:** you can add a new page on the same base map for annotation, and you can turn the page after more than one page.

- **Middle toolbar**

- (1) **Brush:** The default brush color is red, click the writing icon to set the brush color, opacity, and thickness;



- (2) Erase (see 2.5.5);
- (3) **Scan to share:** click on the encryption to appear a 4-digit password, scan the code to share;



- (4) **Minimize:** when the file needs to switch pages or operate on the current page, you can click minimize temporary annotation mode.

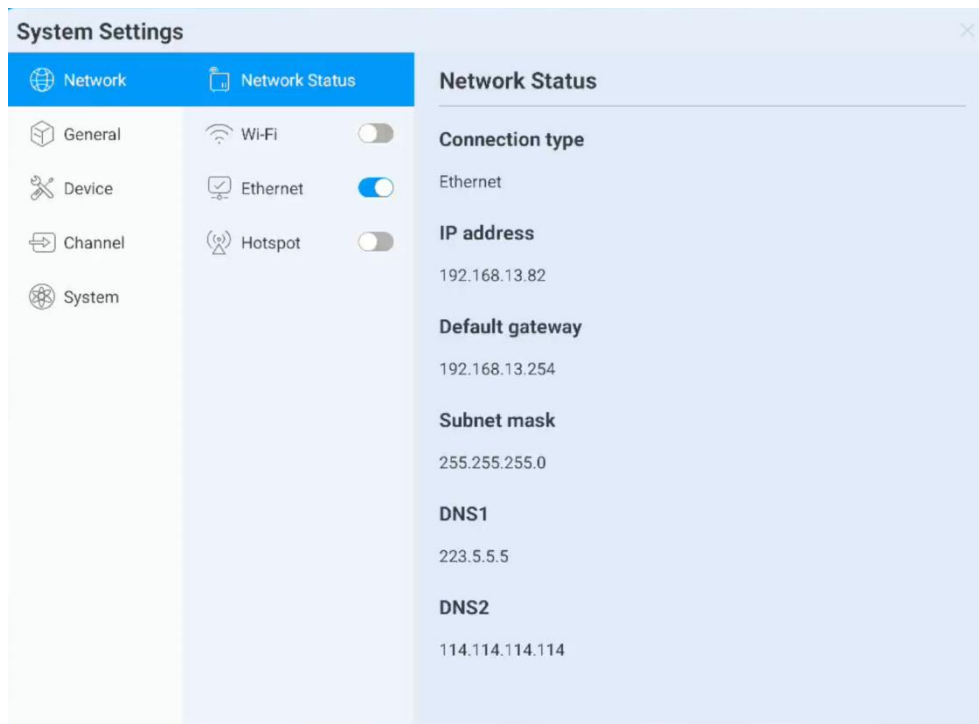
- **Right toggle button:** Toggle layout (see 2.5.11).

2.8 System Settings

2.8.1 network

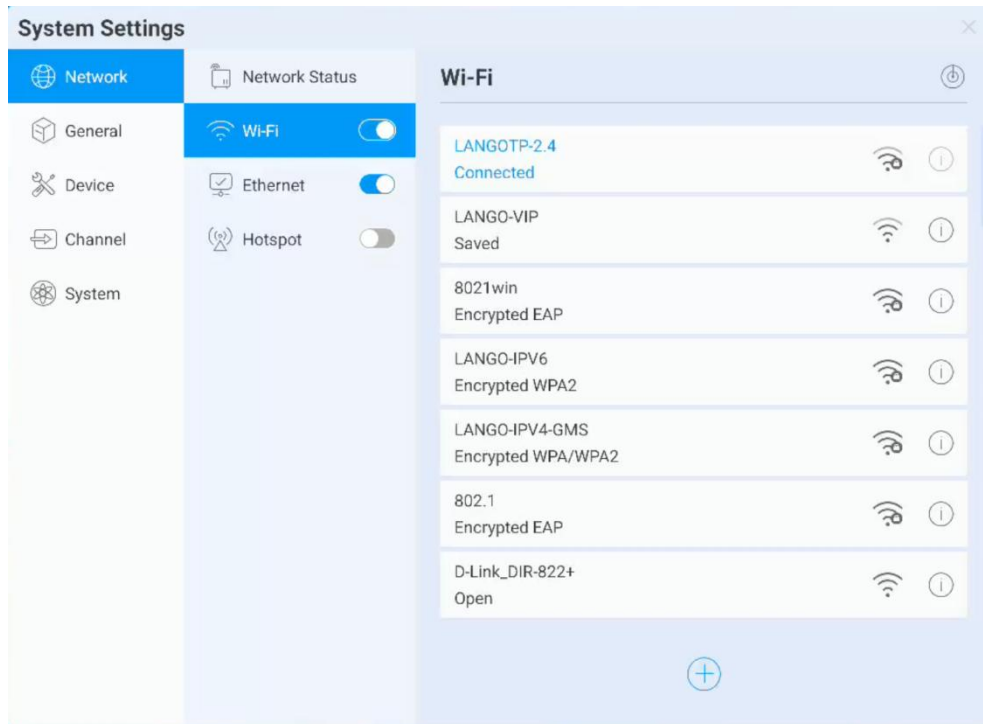
- **Network status**

Display the current device network status, including network connection status (wired /WIFI), IP address, default gateway, subnet mask, DNS and other information.



- **Wi-Fi**

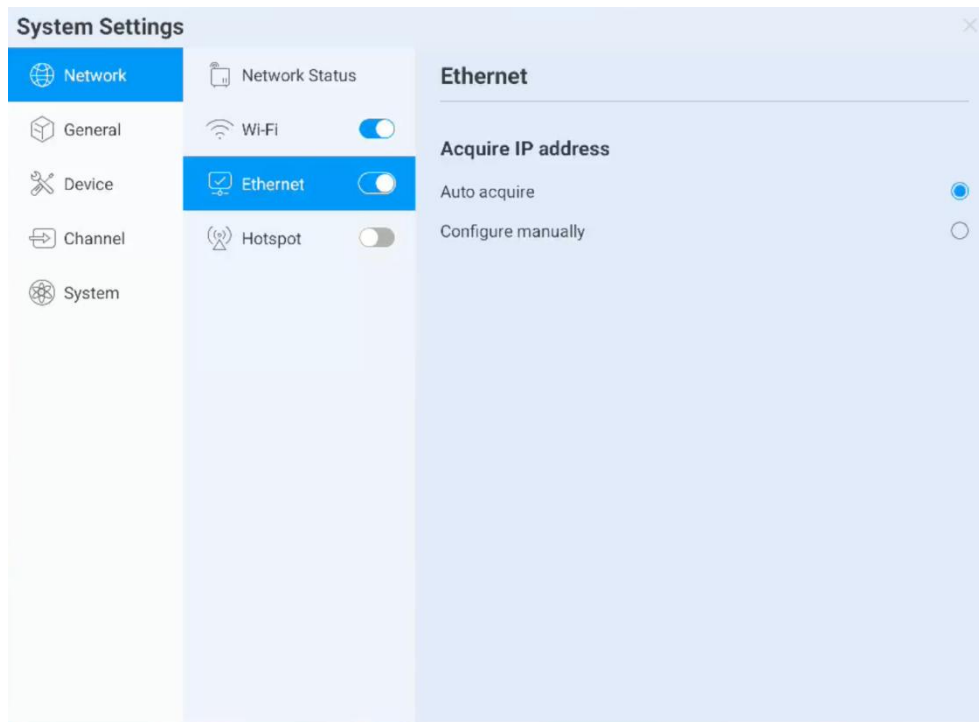
- (1) **Switch:** Click to turn the WLAN network on and off
- (2) **Refresh:** Click the Refresh icon in the top right corner to refresh the network list
- (3) **Add:** Click the Add icon at the bottom to fill in the network name and password to add hidden networks;
- (4) **Connect:** click any network in the list and enter the login password to connect;



- **Ethernet**

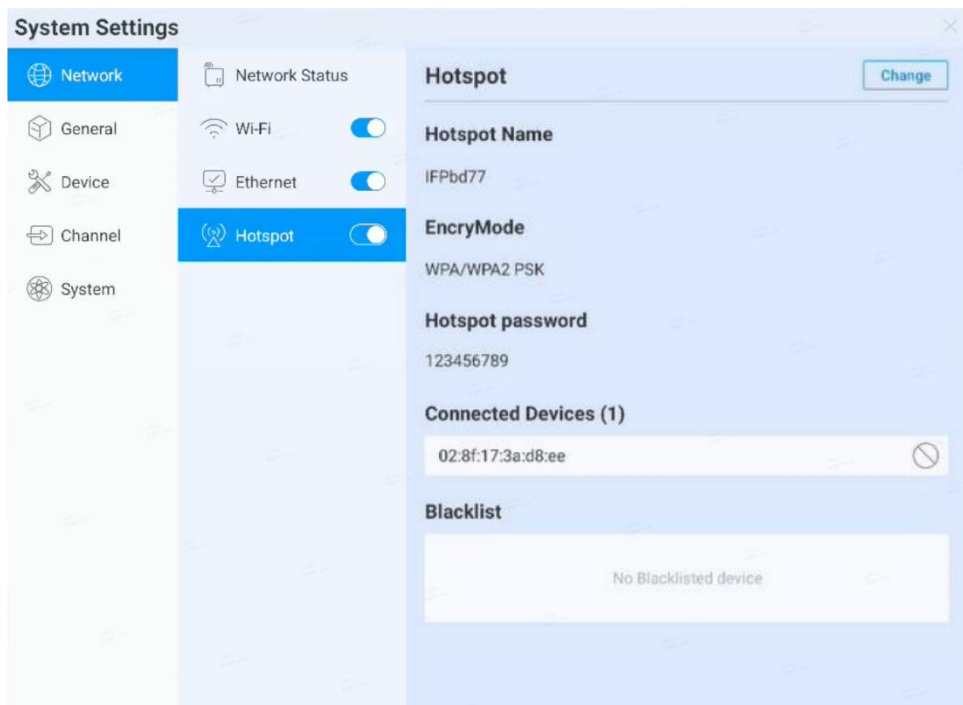
Enable ethernet and show the Acquire IP address.

- (1) **Auto acquire:** after accessing the network, the IP connection network is automatically obtained;
- (2) **Configure manually:** manually input IP address, default gateway, subnet mask, DNS1, DNS2 Settings.



- **Hotspot**

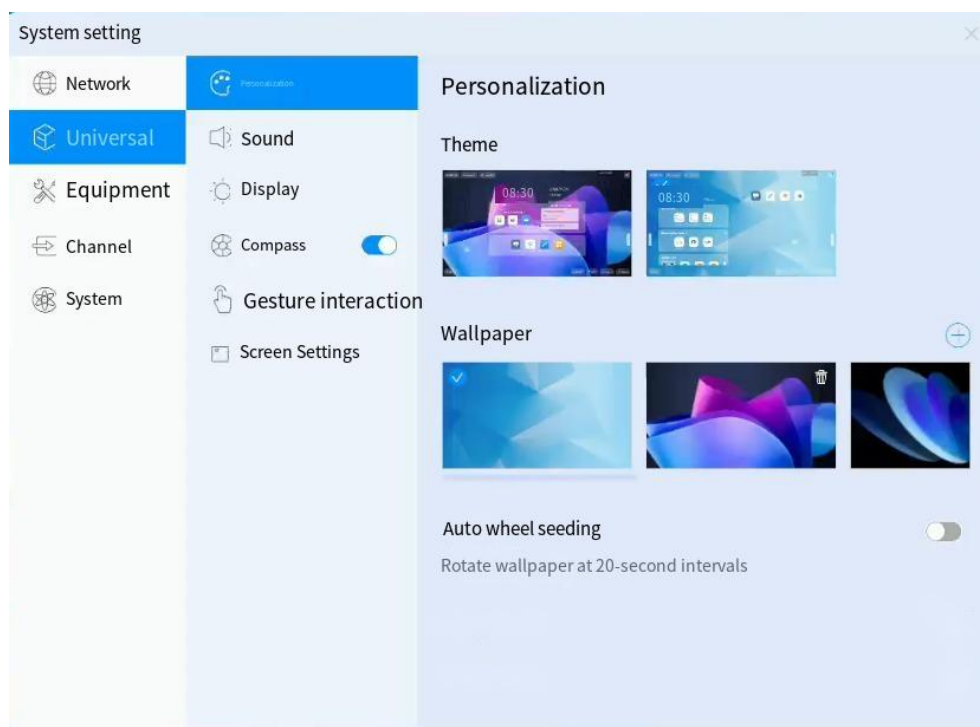
- (1) **Hotspot Password:** Display the current hot spot password, click Modify, you can change the hot spot password;
- (2) **Encryption mode:** Display the current encryption mode;
- (3) **Hotspot password:** Displays the password of the current hotspot;
- (4) **Connected devices:** Show the devices that have been connected to the hotspot;
- (5) **Blacklist:** shows the devices that have been blocked. The blocked devices cannot connect to the hotspot.



2.8.2 General

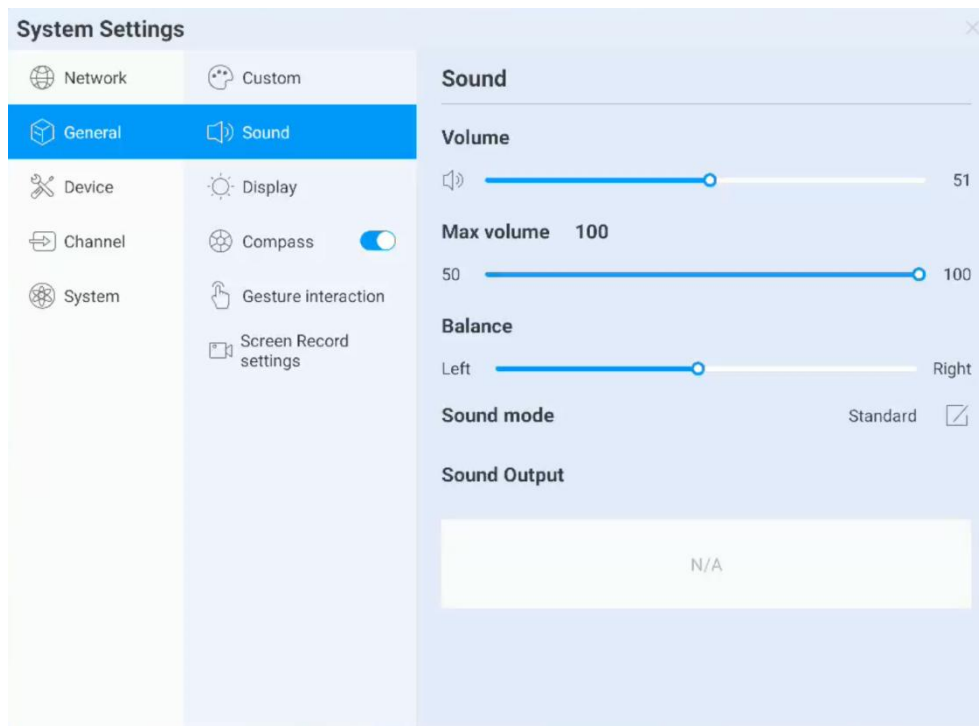
- **Custom**

- (1) **Theme:** By default, the system provides 2 sets of themes (conference theme/education theme), which present different UI styles on the home page;
- (2) **Wallpaper:** the system provides 7 wallpapers by default, click to switch, you can add custom wallpapers;
- (3) **Auto wheel seeding:** Turn on automatic carousel, wallpapers will switch automatically after 20 seconds.



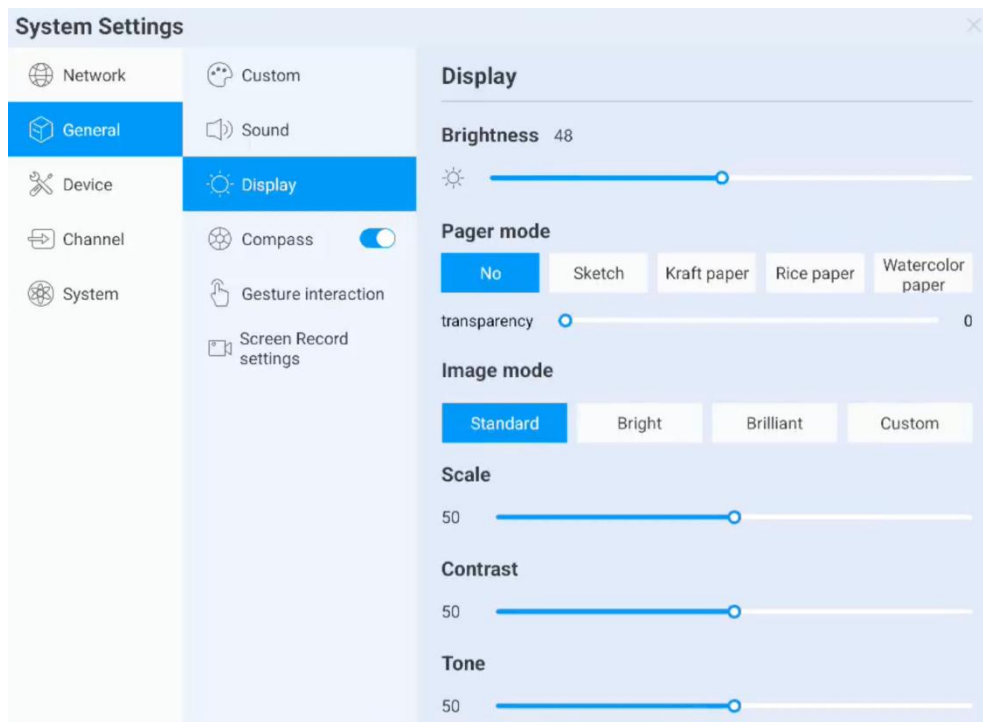
- **Sound**

- (1) **Volume:** Set the percentage of sound played by the system, the same function can be achieved by "Volume +" and "Volume -" on the remote control and device keys;
- (2) **Max volume:** Set the maximum volume output by the system;
- (3) **Balance:** Adjust the balance of the left and right channels
- (4) **Sound mode:** standard, conference room, cinema, classroom four sound modes, also support user customization;



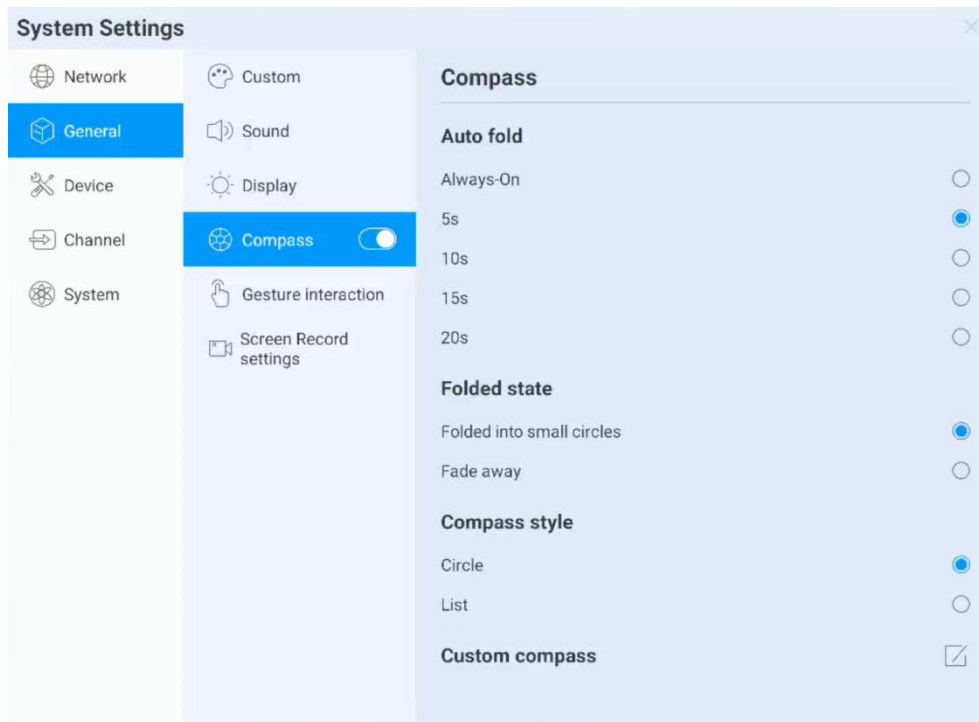
- **Display**

- (1) **Brightness:** adjust the brightness of the backlight, the lower the value, the darker the screen;
- (2) **Paper mode:** the system supports sketch, kraft paper, rice paper and watercolor paper by default.
- (3) **Image mode:** by default, the system supports standard, bright and bright image modes, and also supports custom image modes.
- (4) Color adjustment: including the adjustment of color **scale**, **contrast** and **tone**.



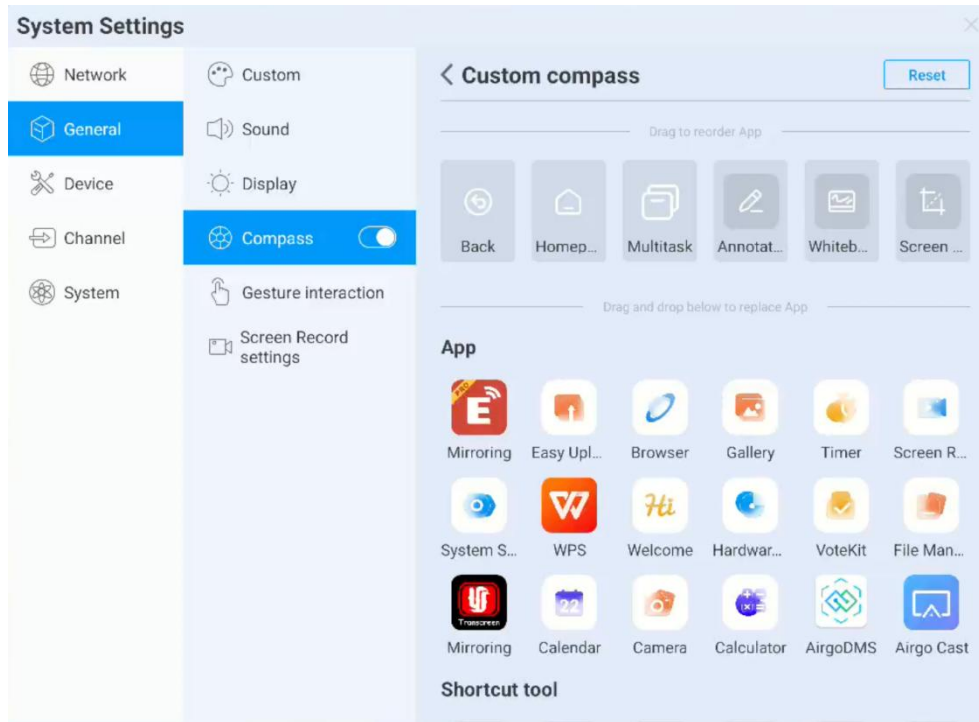
- **Compass**

- (1) **Switch:** click the compass switch, you can switch the compass display state, closed state can not call out, open state, five fingers long press the compass can call out;



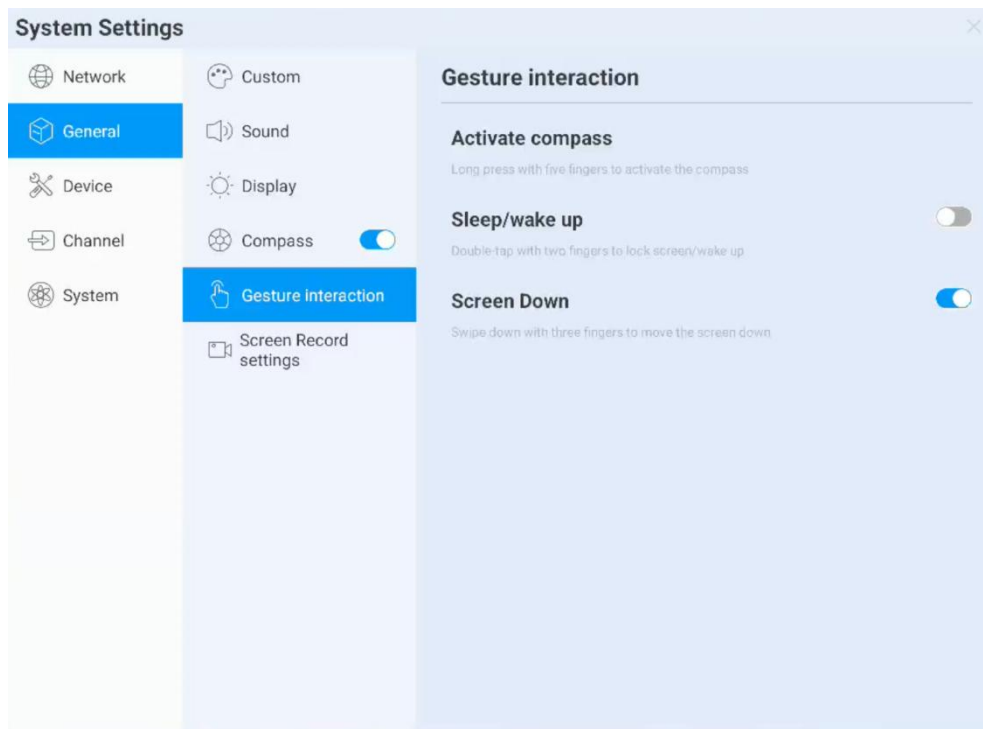
- (2) **Auto fold:** click to select the corresponding folding time;
- (3) **Folded state:** select the tool option of folding into a small circle, only the four sides of the compass are folded, keep the center circle, click to expand; Select "disappear", when the compass is folded, it will disappear completely without being displayed on the screen, and the five fingers need to be called again;
- (4) **Compass style:** support roulette and list of two forms;

- (5) **Custom compass:** you can customize the last three application ICONS on the compass, as shown below, and drag the required application to the position you want to add.



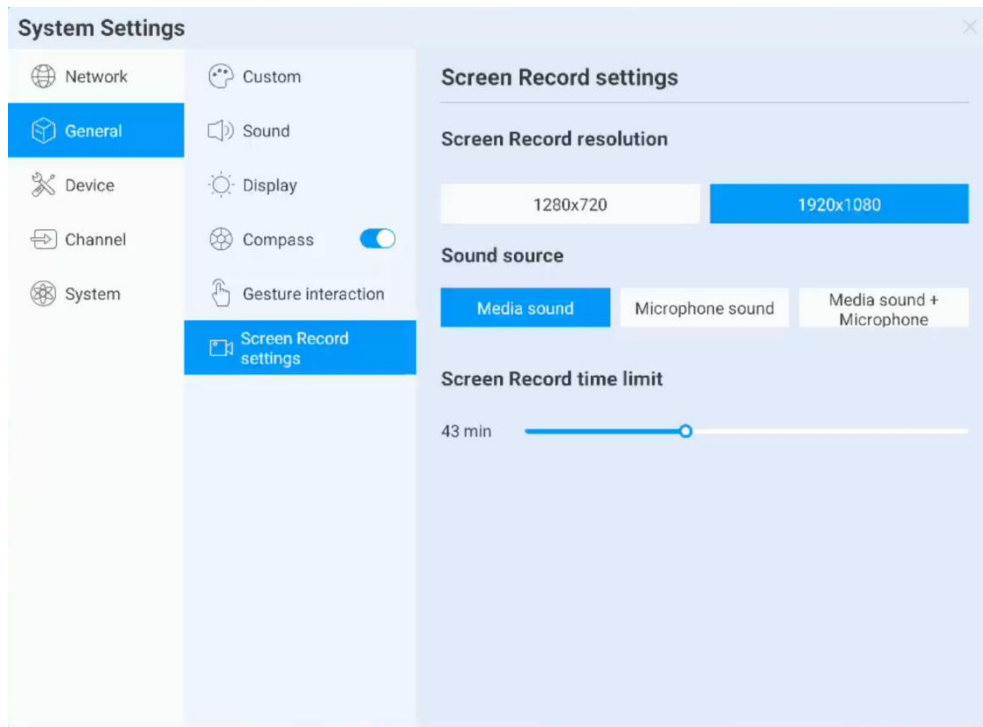
- **Gesture interaction:**

- (1) **Activate compass:** system preset gesture interaction operation;
- (2) **Sleep/wake up:** double-click with two fingers after opening to extinguish the screen, and operate again to light the screen;
- (3) **Screen down:** after opening, slide three fingers on the channel page to move down the screen;



- **Screen Record Settings:**

- (1) **Screen record resolution:** provide two resolution sizes to choose from;
- (2) **Sound source:** Set the sound source of the recording screen mix
- (3) **Screen record time limit:** the maximum recording time, when the limit of recording time is reached, it will prompt to save;



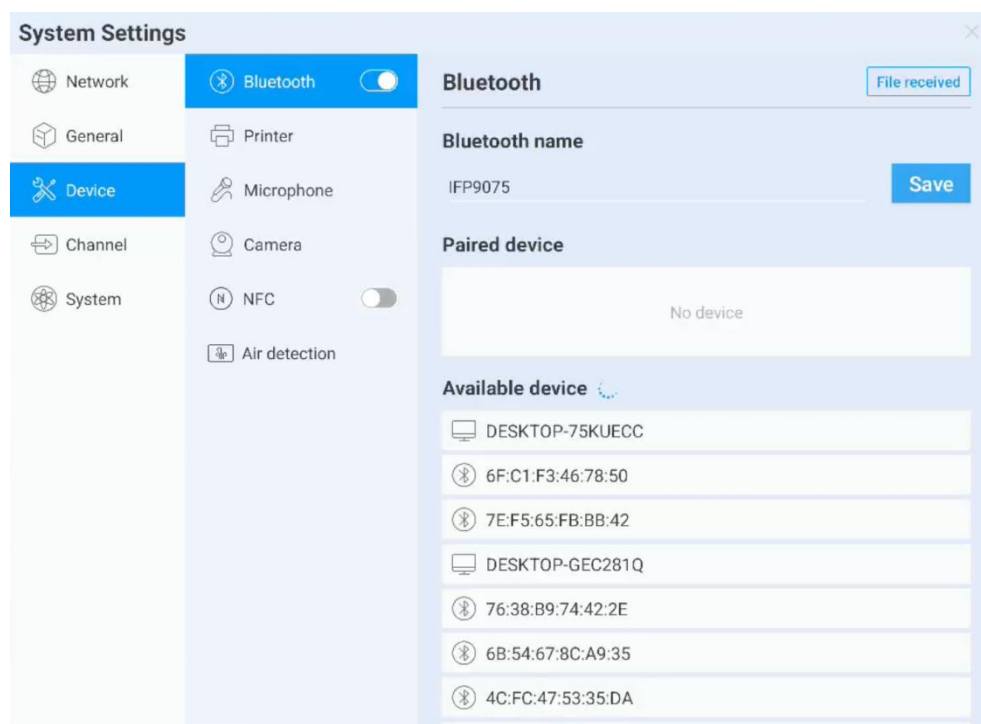
2.8.3 Device

Device control page, which mainly regulates the external devices of the device, including Bluetooth, printer, microphone, camera, NFC machine air detection equipment;

- **Bluetooth**

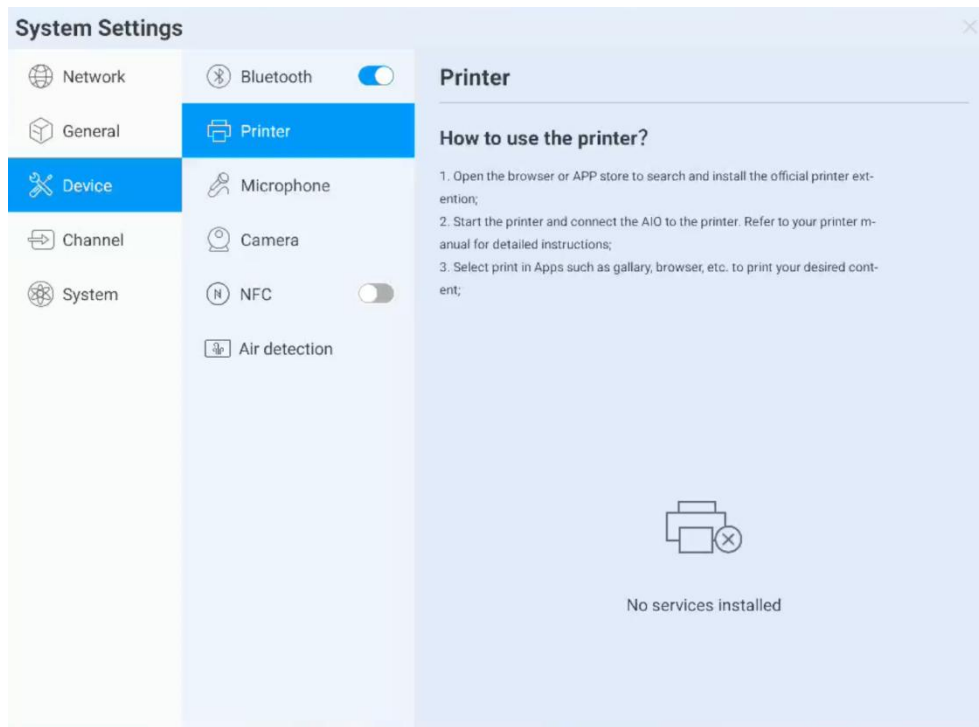
With Bluetooth enabled, you can search your device and transfer files or find and connect other Bluetooth devices (including but not limited to mouse, keyboard, headset, audio, mobile device, PC, general/unrecognized device)

- (1) **File received:** Click to open the folder and store the history received files;
- (2) **Bluetooth name:** the name can be modified;
- (3) **Paired device:** Display currently paired device;
- (4) **Available device:** display devices with Bluetooth enabled in a certain area;
- (5) Bluetooth function is supported according to the actual model configuration.

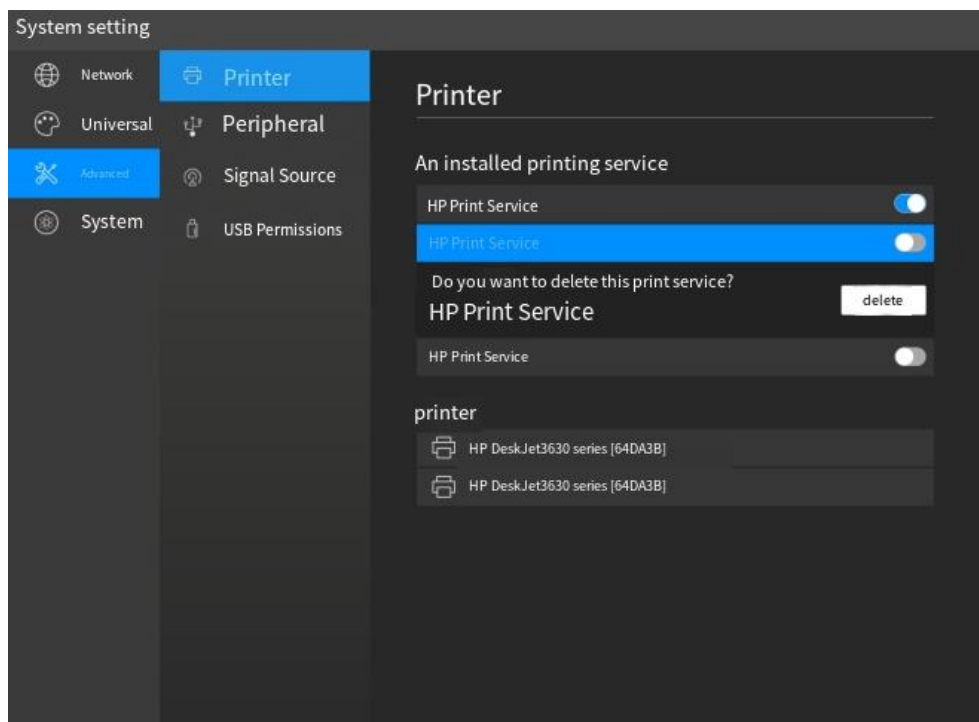


- **Printer**

(1) Install printing services according to the instructions;

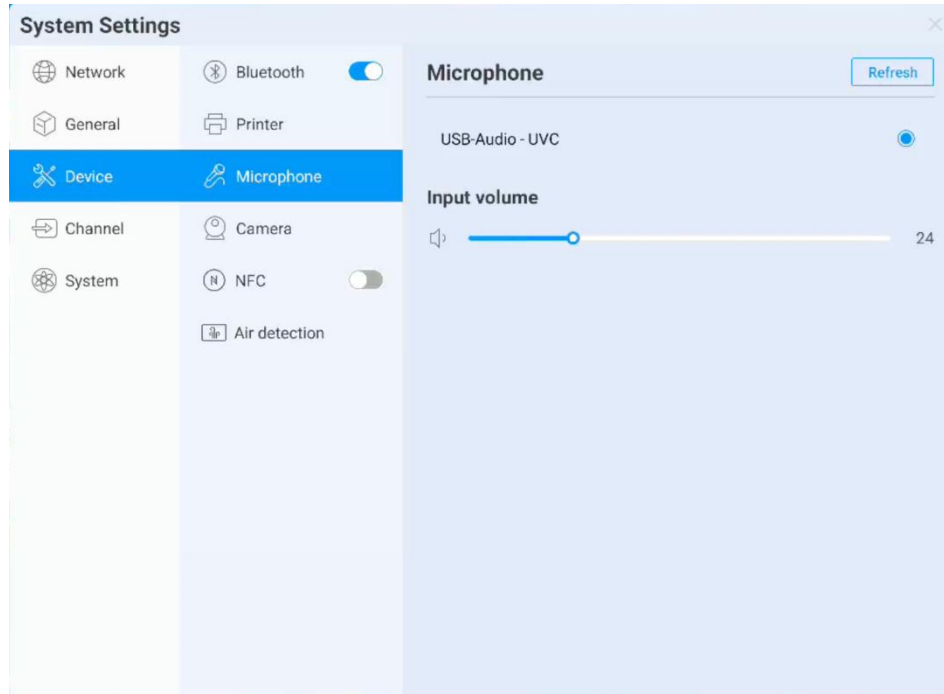


(2) Enable print services to get available printer terminals.



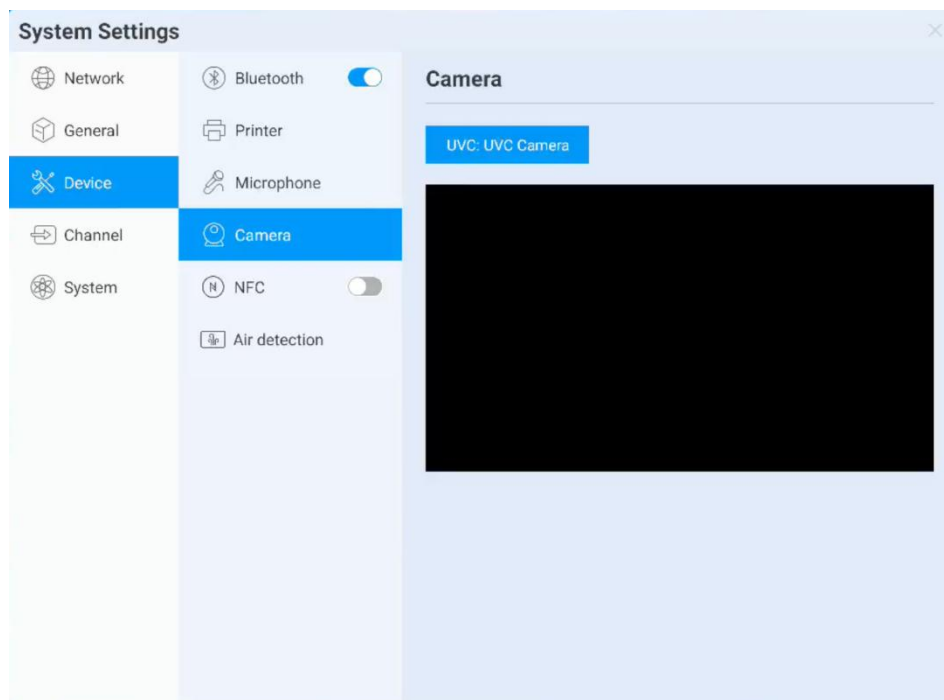
- **Microphone**

You can select the microphone to use in the microphone device connected to the machine and test whether the microphone input is normal.



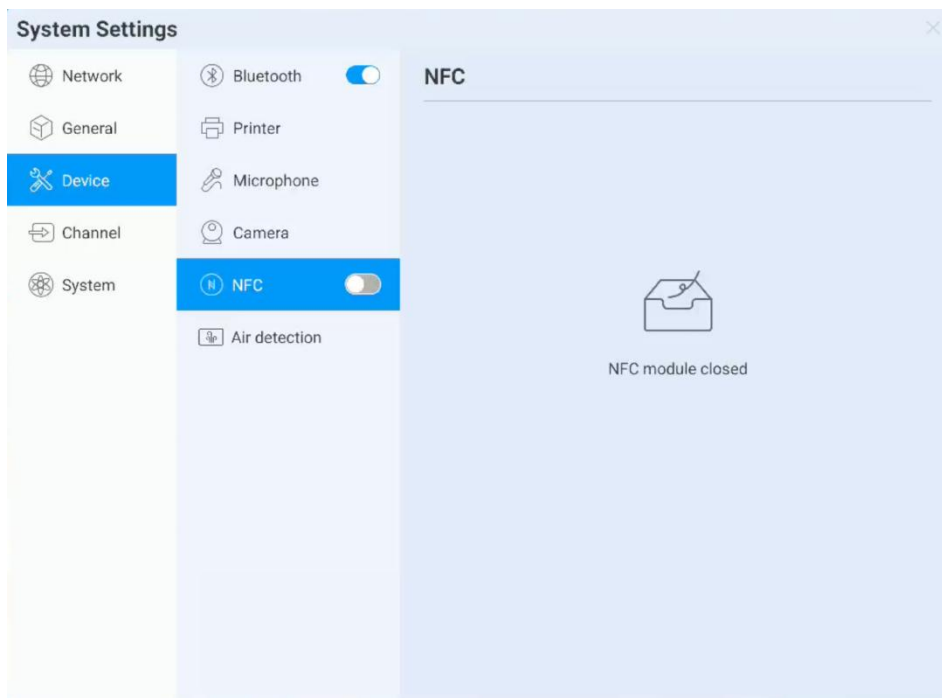
- **Camera**

You can select the camera to use from the camera device connected to the machine and display a preview of the camera.



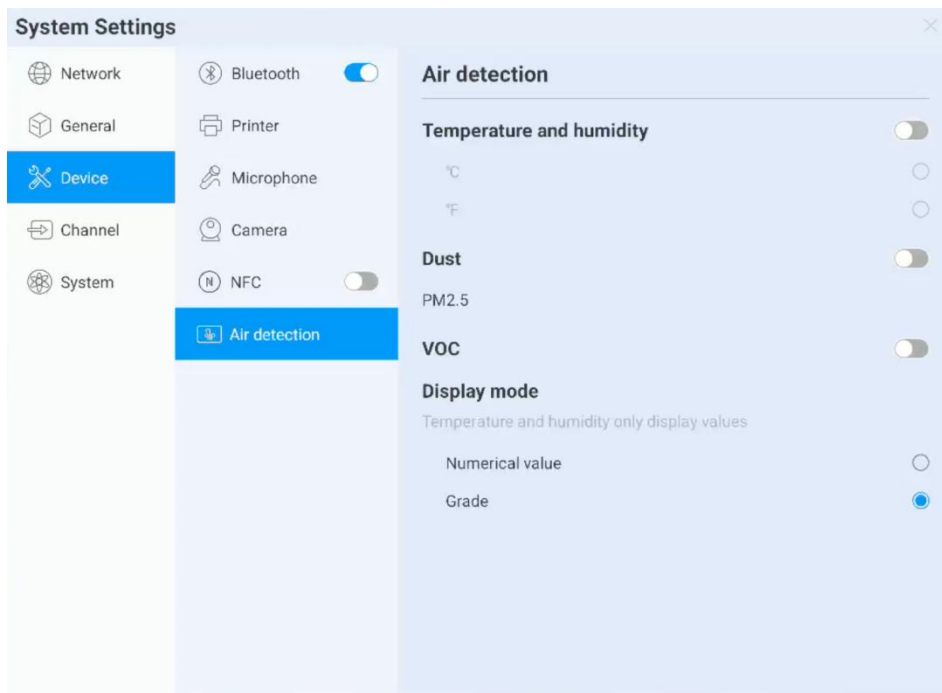
- **NFC**

NFC module that turns the machine on or off.



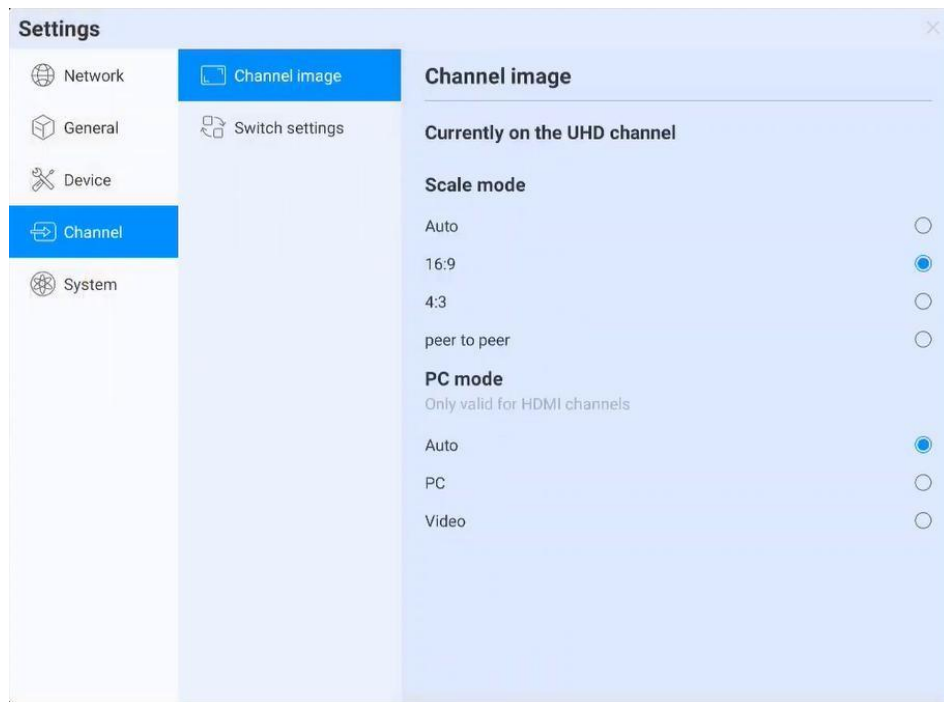
- **Air detection**

Set air sensor related parameters, such as temperature units, whether to display PM2.5, and whether to display pollution levels.



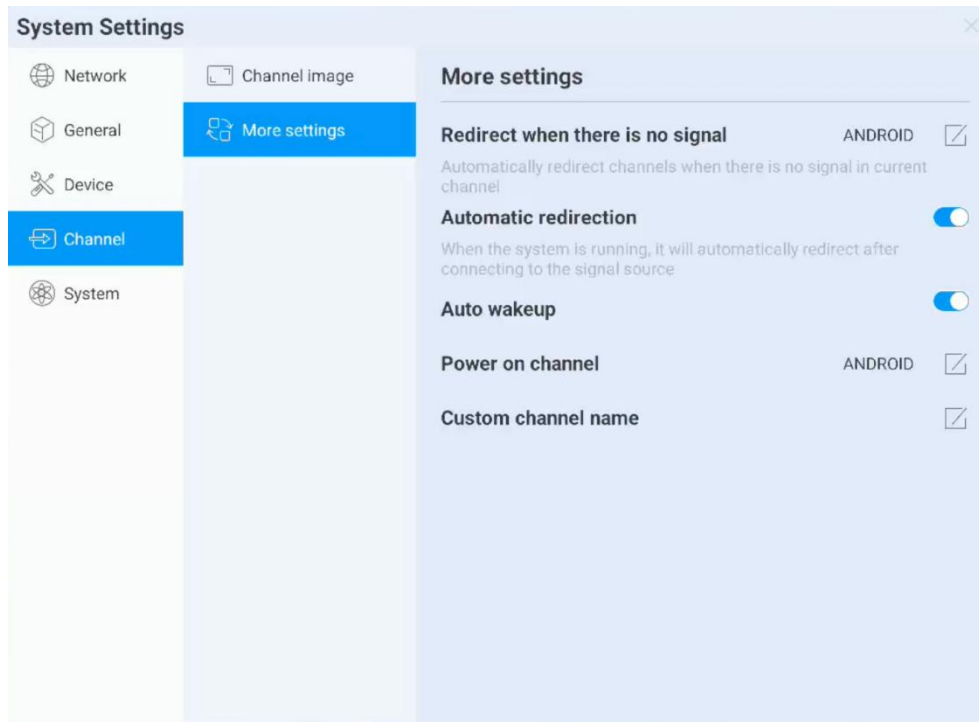
2.8.4 Channel

- **Channel image**



- (1) Describe the status of the current access source;
- (2) **Scale mode:** set the display ratio of the current input source on the integrated machine;
- (3) **PC mode:** select the screen display mode.

- **More Settings**

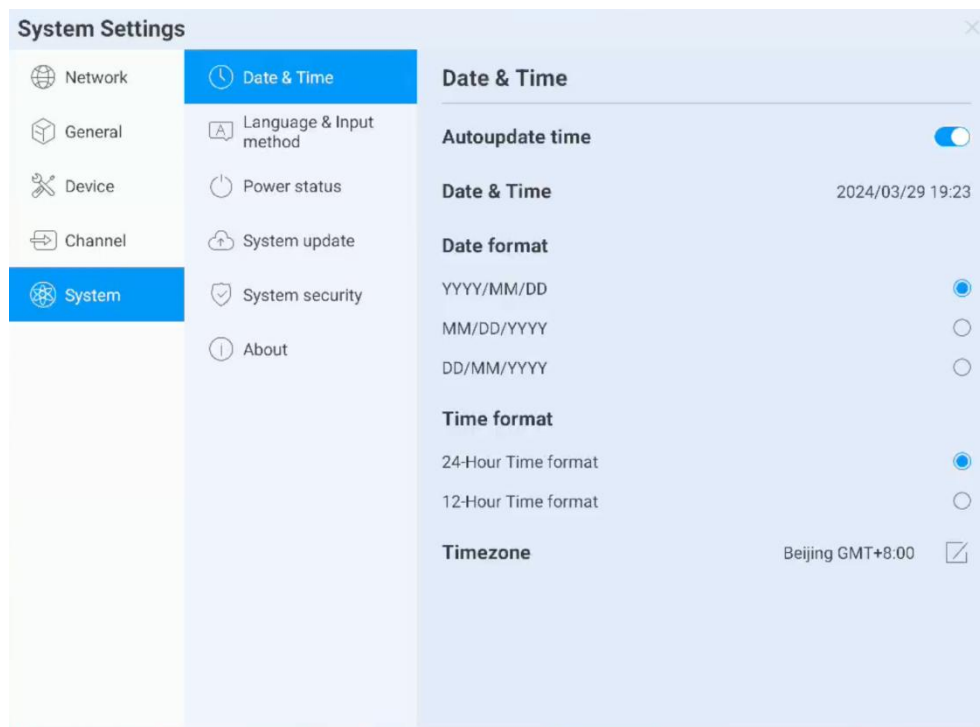


- (1) **Redirect when there is no signal:** if there is no signal in the current channel, the page will automatically switch, users can customize the page to jump;
- (2) **Automatic redirection:** when the system is running, access to a new signal source, automatically jump to display a new access screen;
- (3) **Auto wake up:** when the device is in standby or sleep state, access the source and automatically wake up the device;
- (4) **Power on channel:** set the screen entering each time the device is turned on, which can be set to Android or each source interface;
- (5) **Custom channel name:** there are many sources and names in the system. Users can customize their own familiar names. After determining, the system will display the newly defined source names.

2.8.5 The system

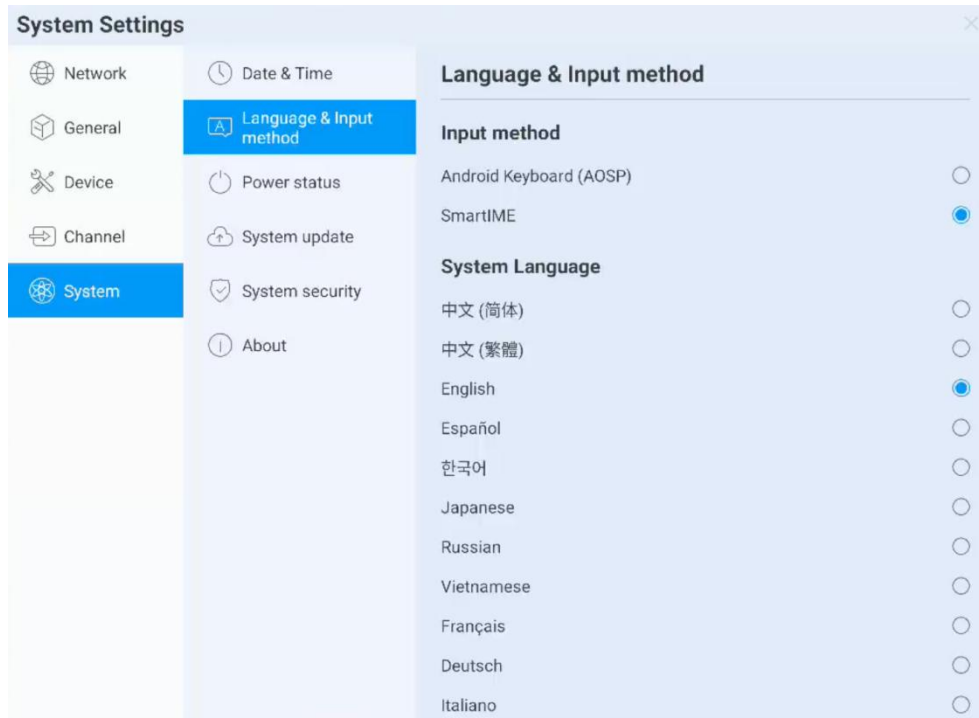
System Settings can adjust and view various system parameters, including date and time, pre-research and input method, power status, system update, system security, about the machine;

- **Date and time**



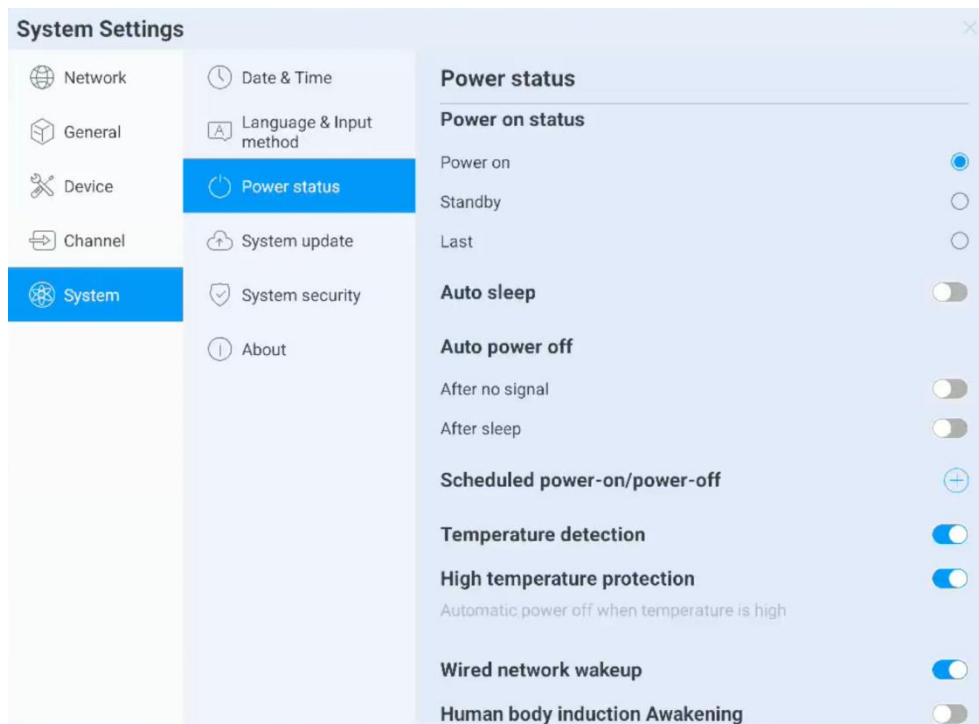
- (1) **Auto update time:** When turned on, it will automatically synchronize the network time (requires Internet connection);
- (2) **Date & time:** Click to adjust the date and time, you need to turn off the automatic update before setting;
- (3) **Date format:** provide three styles of date display, users can choose according to their own habits;
- (4) **Time format:** provides two styles of time display, users choose according to their habits;
- (5) **Time zone:** Set the time zone, click to enter the time zone selection list.

- **Language & input method**



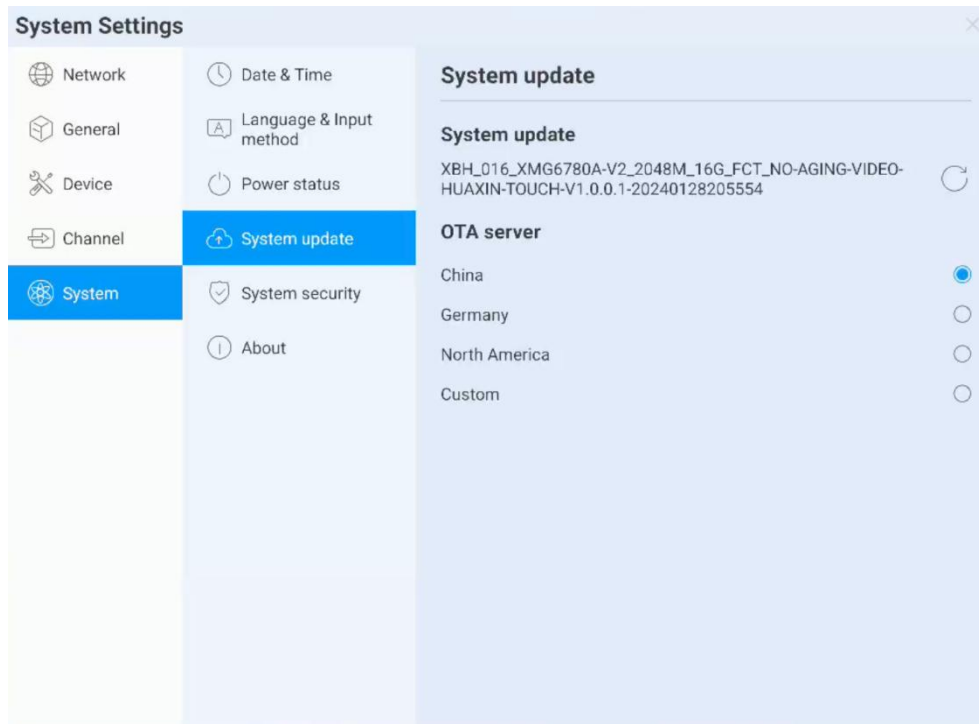
- (1) **Input method:** the input method in the statistical system, the user can choose the corresponding input method here;
- (2) **System language:** At present, the system supports 21 languages, including: simplified Chinese, traditional Chinese, English, Spanish, Korean, Japanese, Russian, Vietnamese, French, German, Italian, etc.

- **Power status**



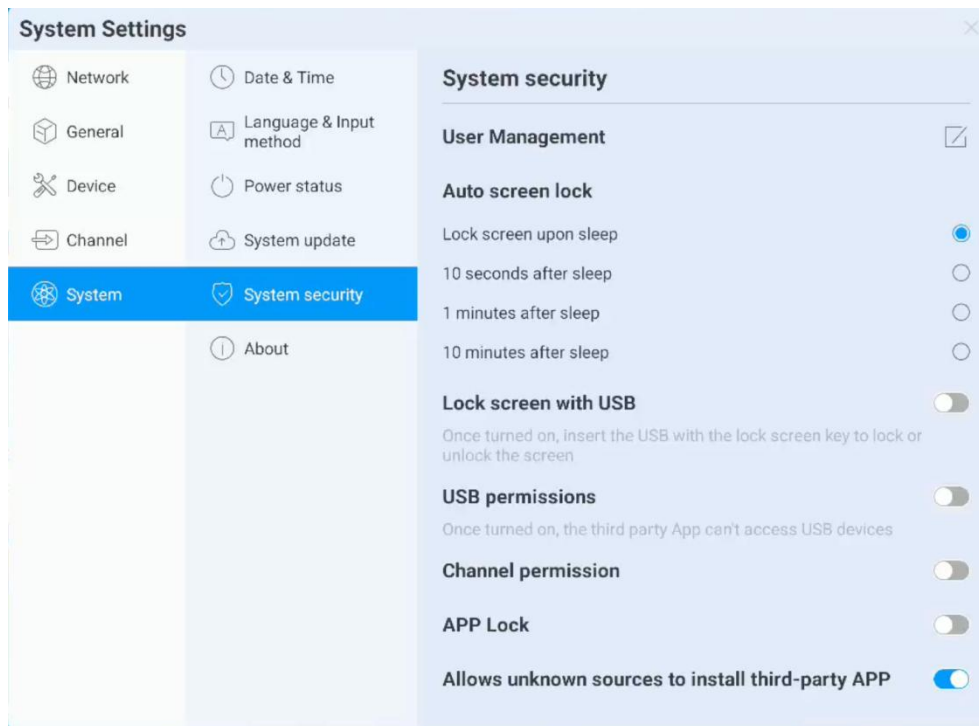
- (1) **Power on statusb:** optional power on, power on standby, power on memory;
- (2) **Auto sleep:** whether the automatic screen after a long time without operation;
- (3) **Auto power off:** can open the signal source after the automatic shutdown and automatic shutdown after the screen;
- (4) **Scheduled power-on/power-off:** set the equipment timing switch machine schedule, to the time of automatic boot and shutdown;
- (5) **Temperature detection:** turn on or off temperature detection;
- (6) **High temperature protection:** the machine will automatically shut down after opening the temperature is too high;
- (7) **Wired network wakeup:** the screen will be automatically woken up when plugged into the wired network after opening;
- (8) **Human body induction awakening:** the screen will automatically wake up when someone approaches the device after opening.

- **System update**



- (1) **System update:** Display the current firmware version, click refresh to detect the latest version, when there is a new version, the update version button will be displayed, click to enter the upgrade process;
- (2) **OTA server:** Use OTA push to automatically detect whether there is a new version in the network state. You can customize the OTA server address.

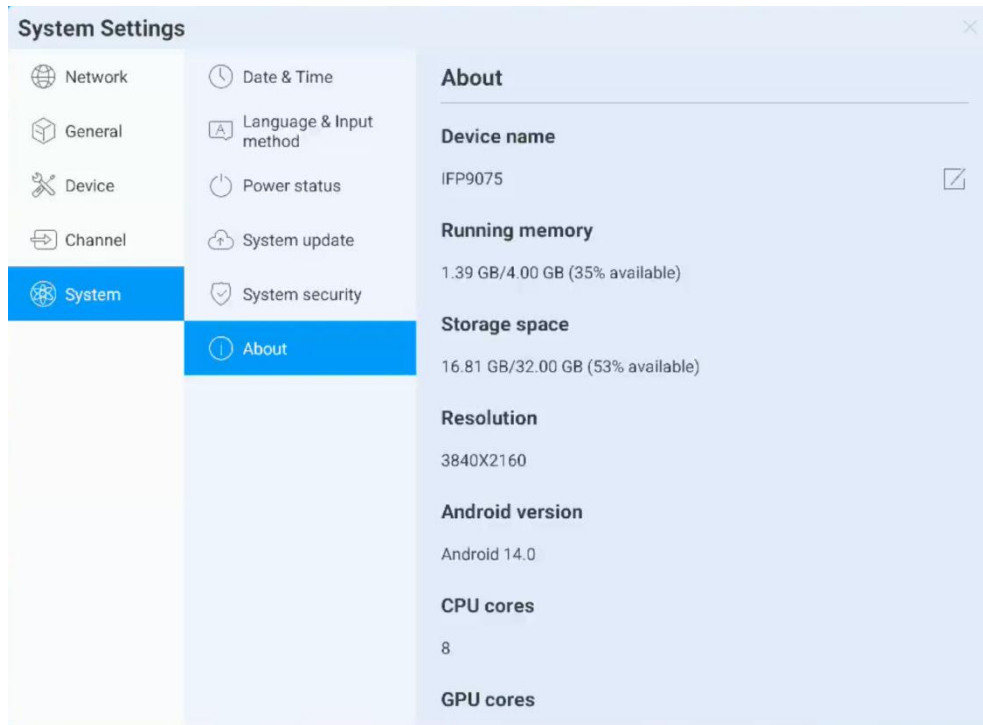
- **System Security**



- (1) **User management:** Manage the current user (see 2.10);
- (2) **Auto screen lock :** set the sleep lock screen time;
- (3) **Lock screen with USB:** after opening, insert U disk lock screen with lock screen secret key or unlock;
- (4) **USB permissions:** after opening, third-party applications will not be able to access the USB key;
- (5) **Channel permission:** after opening, the password is required to enter the signal source channel;
- (6) **APP lock:** After opening, you need to enter the password to enter the application;
- (7) **Allows unknown sources to install third-party APP:** When enabled, other apps will be allowed to install third-party apps.

- **About**

- (1) Displays the details of the device, including device name, running memory, storage space, resolution, Android version, number of CPU cores, number of GPU cores.

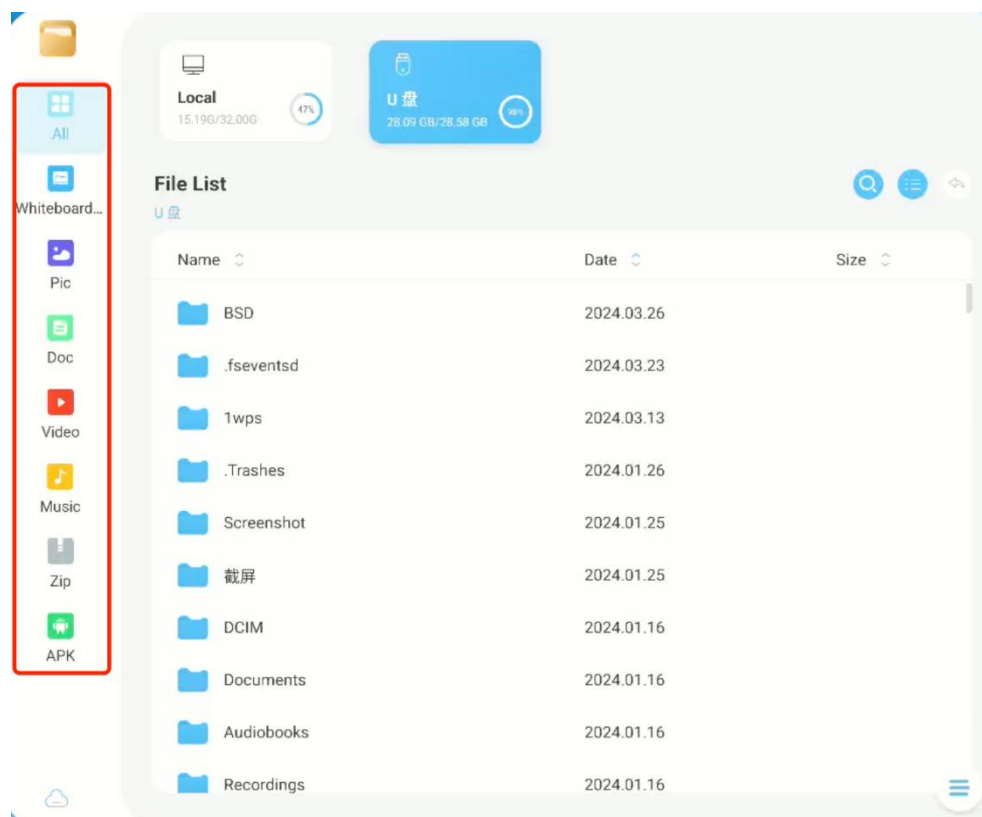


2.9 File Manager

2.9.1 File classification

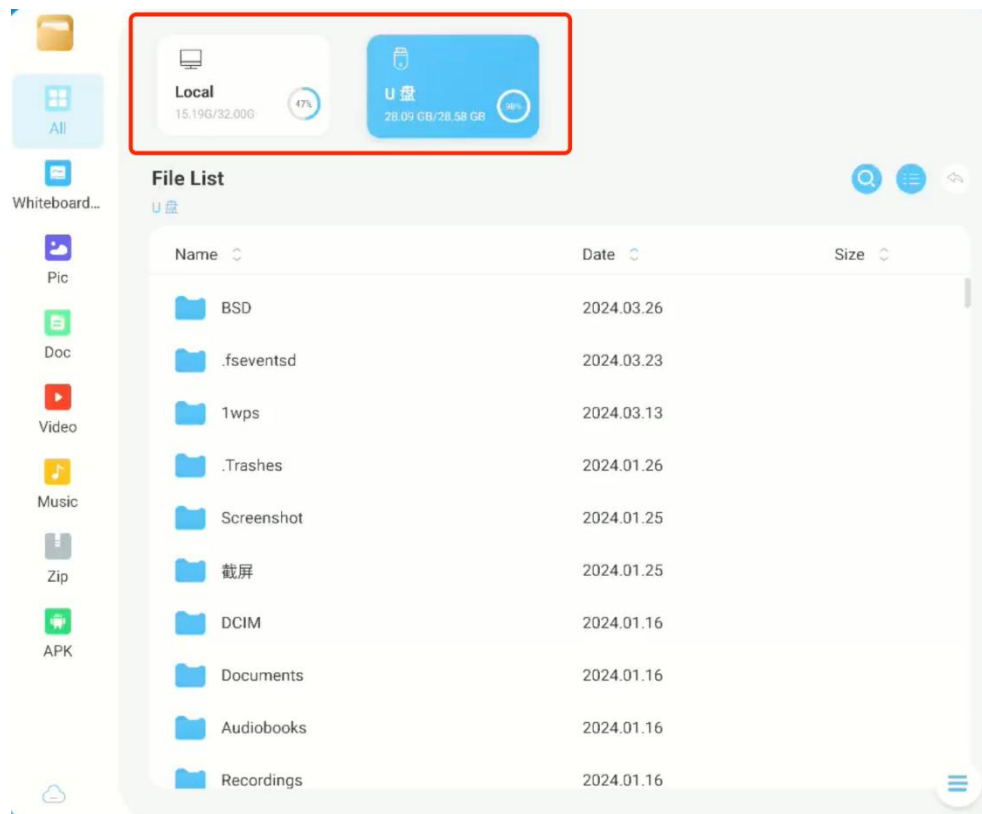
File Manager can look at the files in the local system and external devices, providing two forms of view:

- All files: open according to the folder directory;
- Classified view: according to the file type, find all kinds of files in local and U disk, such as whiteboard files, pictures, documents, videos, music, compressed packages and APKs.



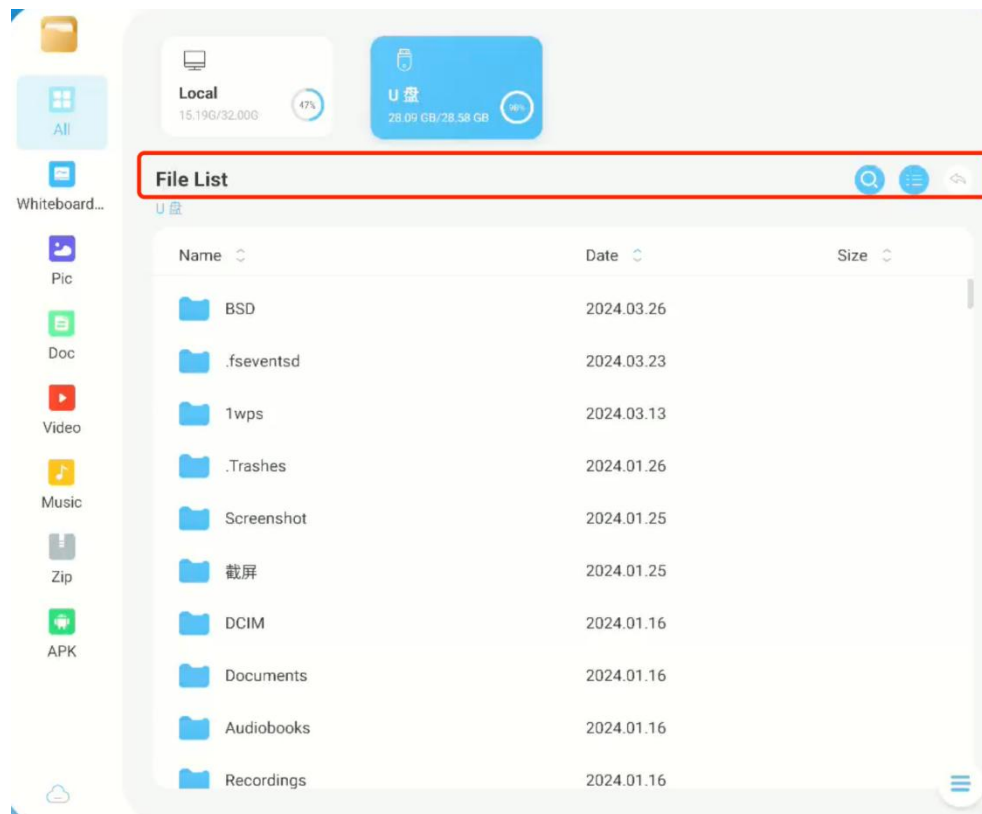
2.9.2 Disk

Display the capacity usage of the current device's hard disk, if there is a USB key inserted, this will also show the capacity usage of the USB key. Click the drive character, and the file list below will switch to the file data of the selected drive character.



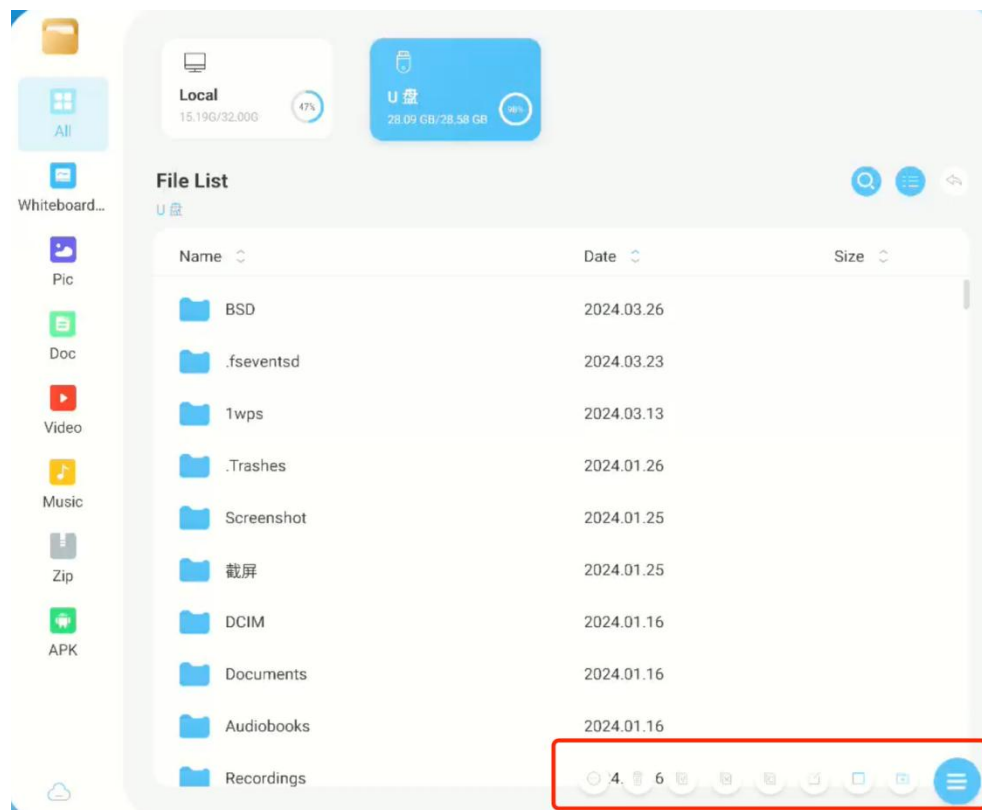
2.9.3 File list action bar

The left side shows the current folder path, click the folder name in the path to directly enter the corresponding folder. Support file search by file keyword. Click to toggle the display view to list or box mode. Click to return to the previous level of directory.



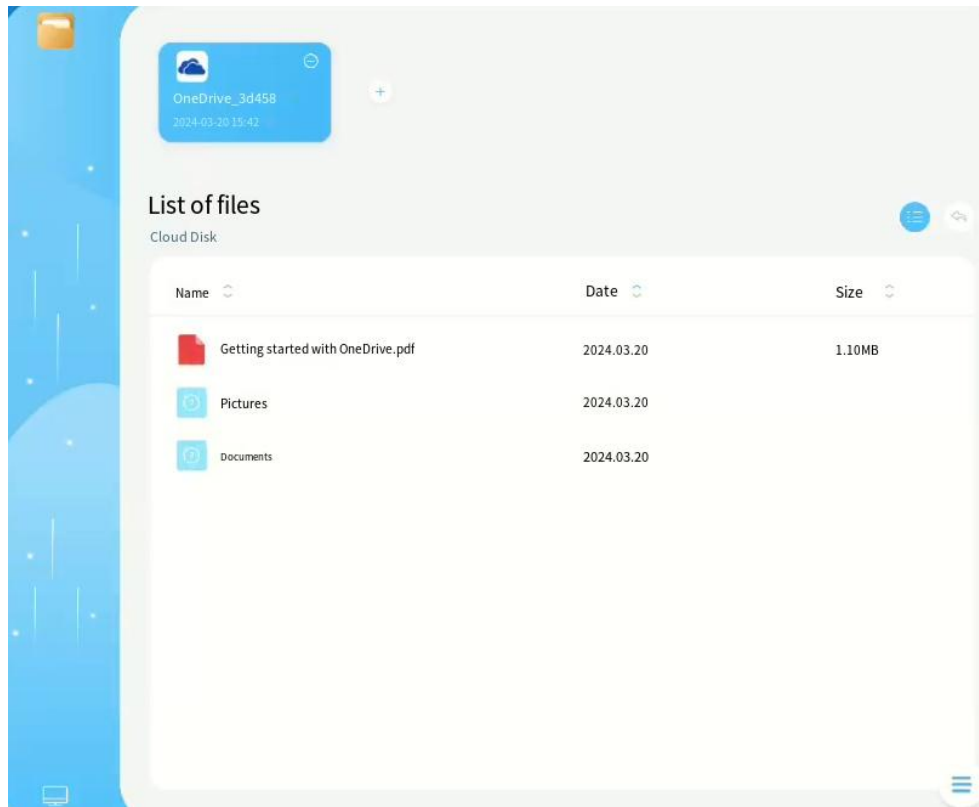
2.9.4 Commonly Used Features

The folder or file will be displayed in the file list, click on the folder to enter the folder directory, click on the file to open the file. Long press the file or folder to select it. You can unselect, delete, copy, cut and rename the file after selecting it. At the same time, the file operation also supports full selection/deselection, paste and new folder.



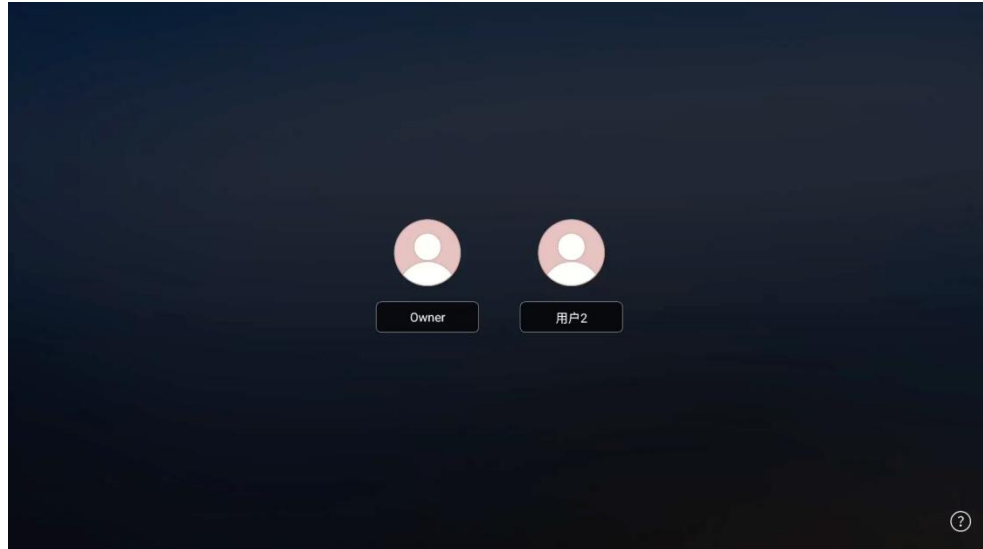
2.9.5 Cloud Disk

To use the cloud drive function, you need to log in to the cloud drive account. Currently, OneDrive and GoogleDrive are supported. After logging in to the cloud disk, you can upload local files to the cloud disk directory for saving or download the cloud disk files to the local. You can also add, delete, move, rename and other operations to cloud disk files or folders.



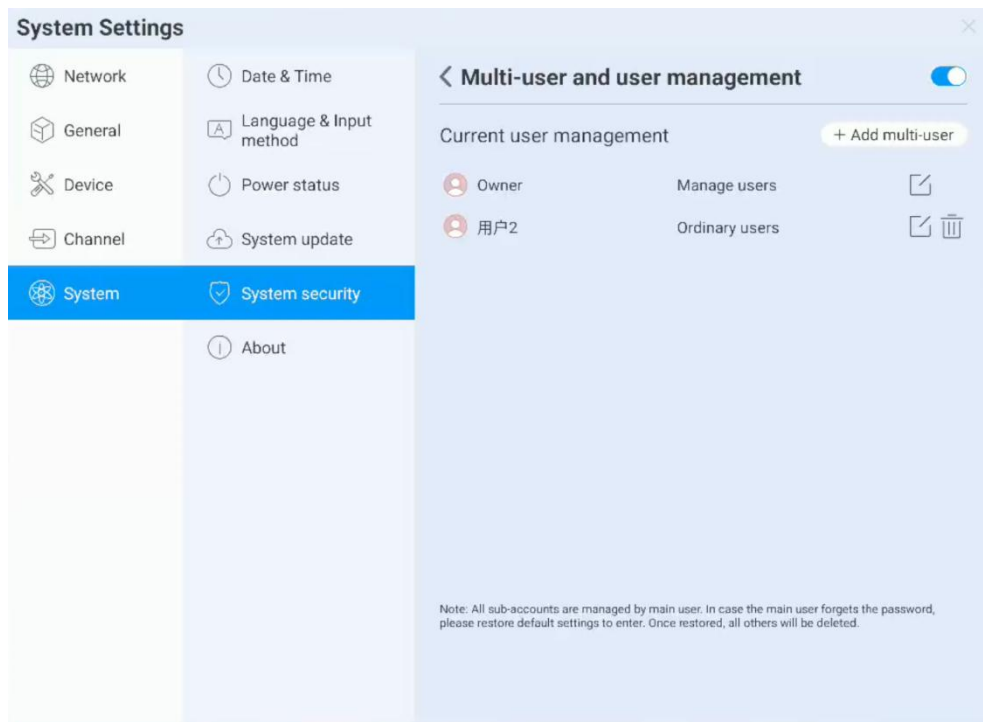
2.10 Multi-user mode

In order to solve the multi-use scenario of one computer, multi-user function is proposed.

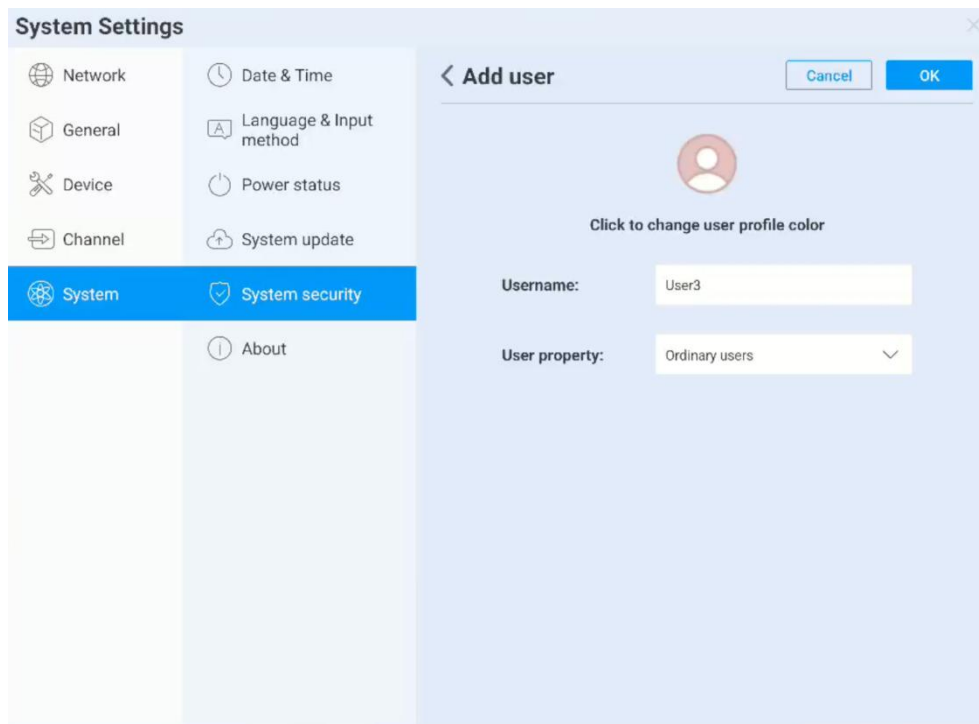


- **Multi-user and user management**

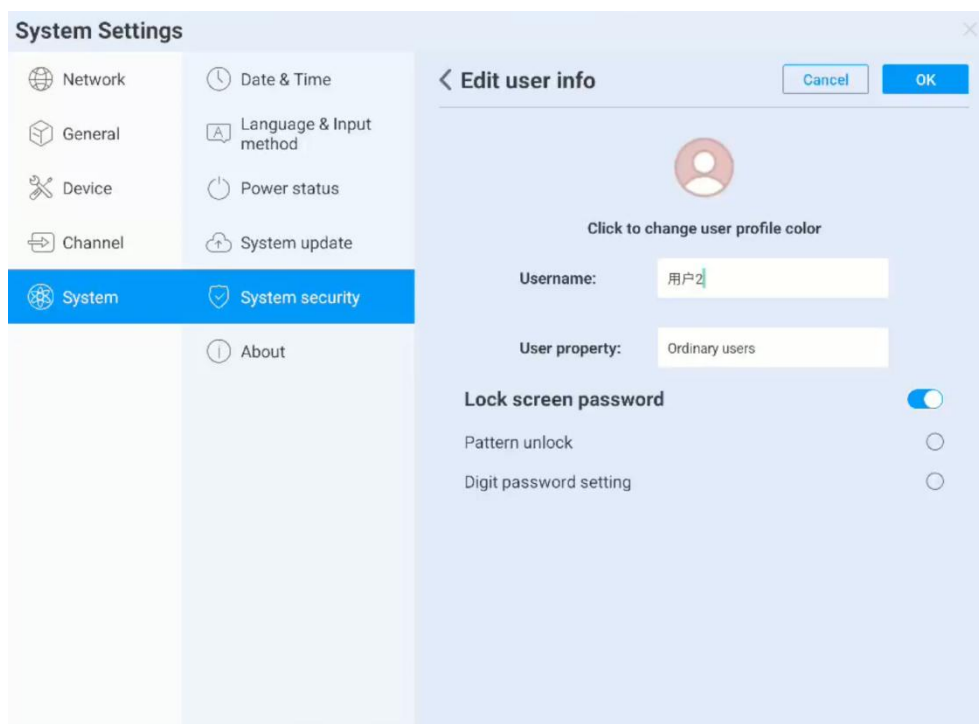
- (1) Under the main account, go to Settings -- System -- System Security (see 2.8.5), click "Edit", and enter the user edit page;



- (2) Click "Add multi-user" to enter the Add user interface. You can change the user name and set the user properties to normal or guest user.

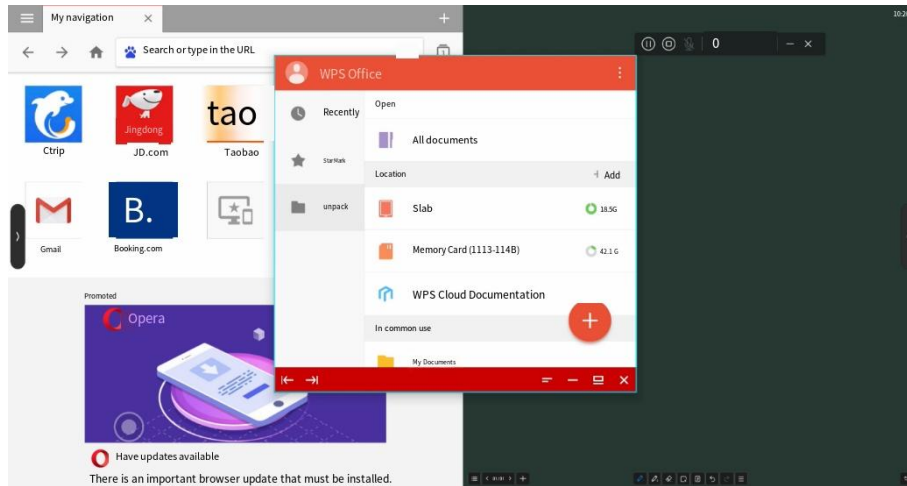


- (3) Click the "Edit" button on the right of the user to enter the user information editing interface. You can change your username and set your password.



2.11 Multiple Windows

Multi-window is to facilitate users to operate the functions of different applications at the same time, and different content can be displayed at the same time; Basic operations are as follows:



2.11.1 Open multiple Windows

There are two ways users can open multiuser.

- (1) In the menu page, long press the application icon, the system will pop up the management popup, select 'Free Window', that is, you can open the application in the form of a free window
- (2) In the sidebar application management, long press and click the application with corner icon to directly enter the application in free window mode;
- (3) In the application, the five fingers can be quickly closed from the outside and middle to quickly enter the free window mode;

2.11.2 Multi-window operation

- (1) After opening multiple Windows, there is a control bar at the bottom of the application. Click and select the corresponding window to select it, and you can do the following operations on it;
- (2) Drag: Press and drag the control bar at the bottom to move the position of the free window;
- (3) Zoom: select, press and drag the edge of the free window to zoom the width and height of the window, click the corner part, you can zoom the width and height at the same time;
- (4) Left and right edge resizing: Click the edge resizing button on the left  of the control bar to resize the application by the left/right half screen; By operating two apps at the same time, the left and right screens can be split;
- (5) Restore the original size: click the restore icon  on the right of the control bar to restore the window to the open size;
- (6) Minimize: Click the minimize icon  on the right of the control bar to put the application away, which can be found in the multitask;
- (7) Maximize: Tap the Maximize icon  on the right of the control bar to display the app in full screen;
- (8) Close: Click the close icon  on the right of the control bar to close the current app;

2.12 Screenshot



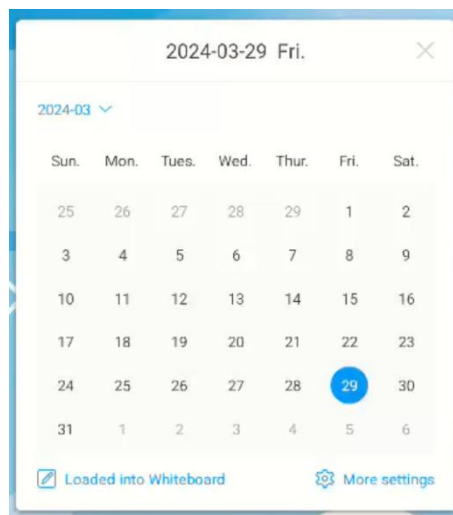
Screenshot tools can quickly take a screenshot of your screen content and save it.

- (1) Click the tool icon in the sidebar/compass to enter the app and capture the middle part of the screen by default;
- (2) Drag the screenshot box to move the position of the screenshot;
- (3) Drag the points around the box to change the size range of the screenshot;
- (4) Click the one in the right corner to open the whiteboard and place the screenshot into it; 
- (5) Click on the right corner, full screen screenshot; 
- (6) Click on the right corner to turn off the screenshot function; 
- (7) Click on the right corner to confirm the screenshot and prompt to save; 

2.13 Other apps

2.13.1 Calendar

Open the calendar application will open the calendar window of the current month, and the calendar can be switched to view the month. Click "Insert whiteboard" in the lower left corner to open the calendar picture in the whiteboard software. Click "More Settings" in the lower right corner to open the time and date Settings page of the system Settings.

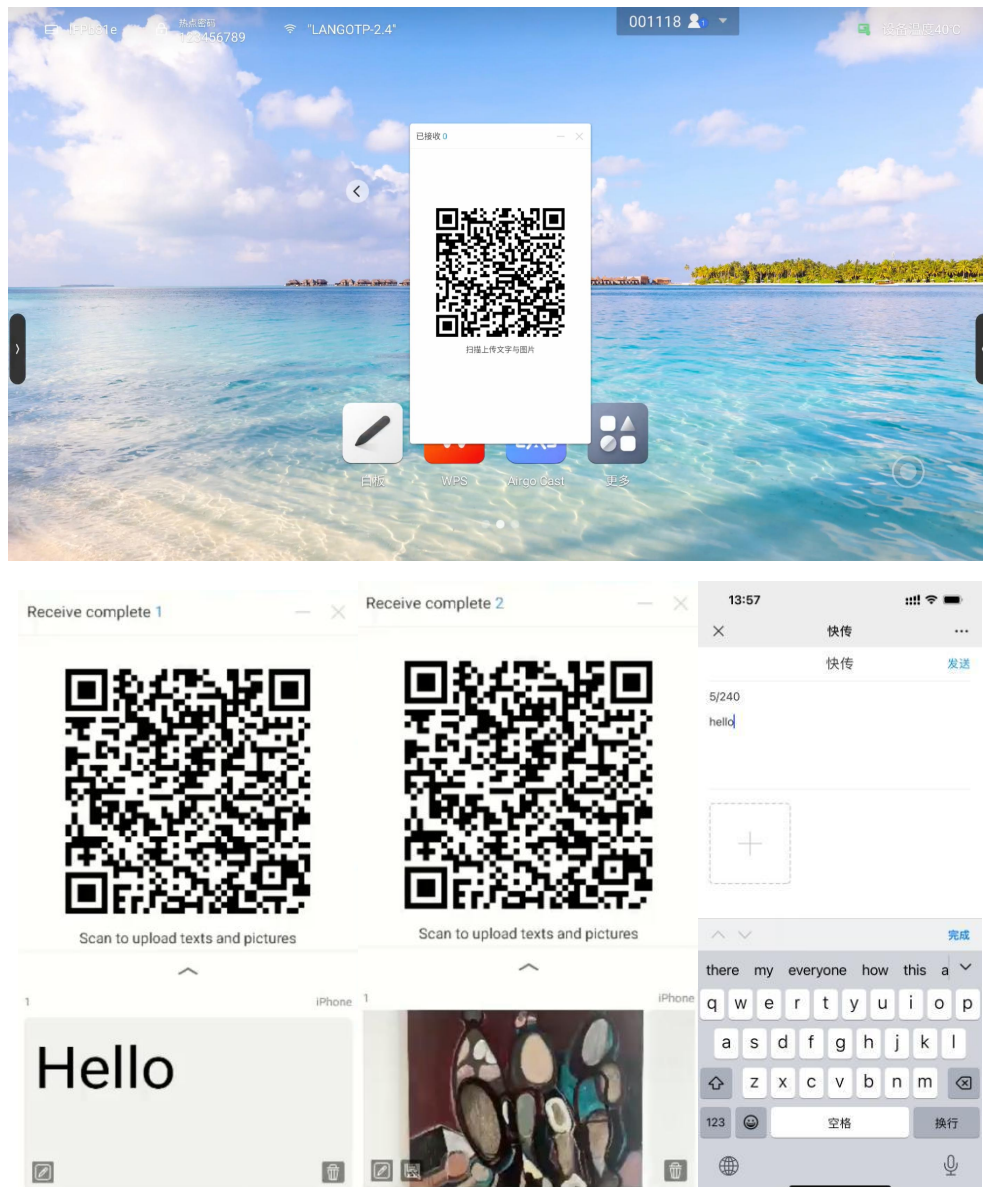


2.13.2 Calculator

Tap the Calculator app to open the shortcut calculator.



2.13.3 Eazy Upload

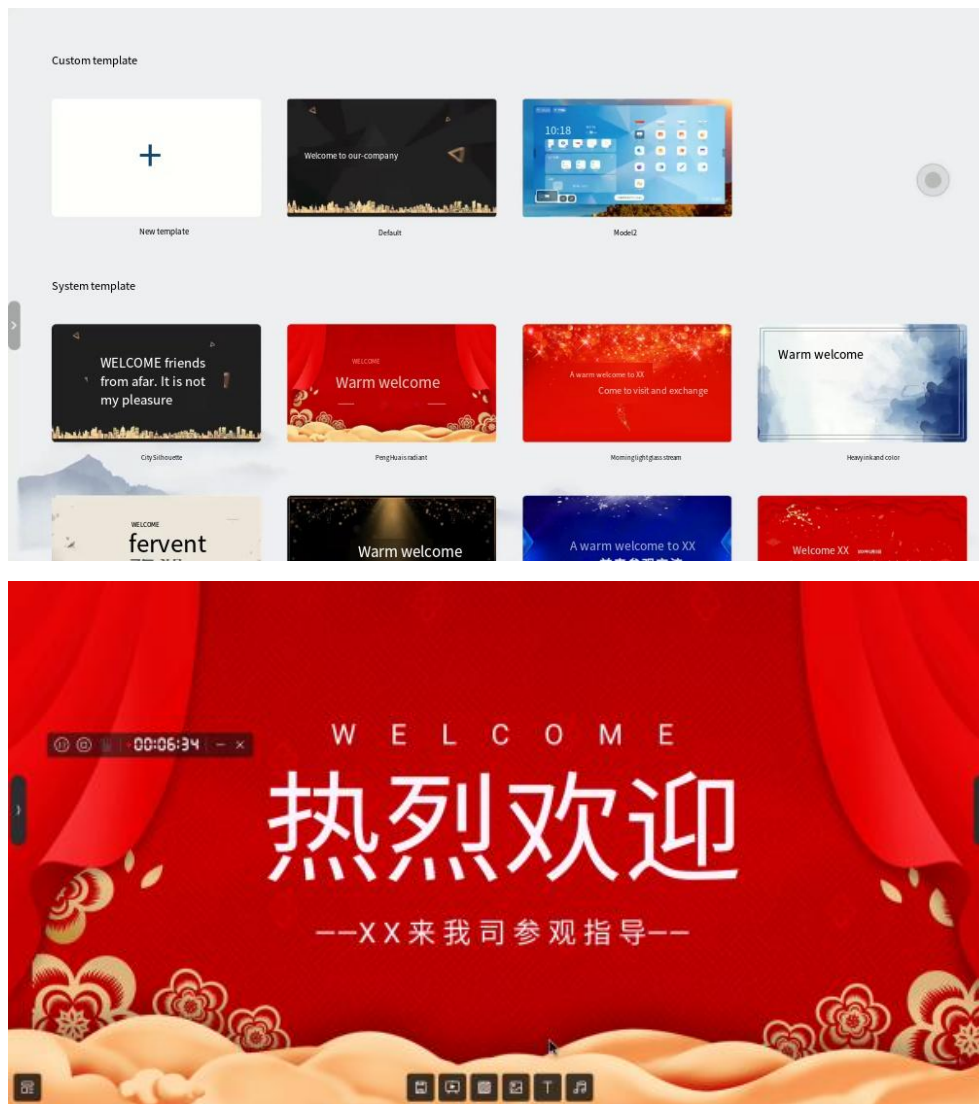


Easy transfer is an application that can quickly upload pictures and text from mobile phone to the all-in-one machine, which is easy to share and display. The basic operation process is as follows:

- (1) Tap the app icon to enter the app;
- (2) Scan the QR code on the screen with your phone to enter the easy file upload page;
- (3) Select the local picture or input text content on the mobile phone, click Add, you can enter the upload and send process;

- (4) After uploading successfully, the latest uploaded picture or text content will be displayed on the all-in-one machine;
- (5) Click the "Insert whiteboard" icon in the lower left corner of the content, the whiteboard will be opened, and the selected picture will be placed into the whiteboard;
- (6) Click the "Delete" icon in the lower right corner of the content to delete the current selected picture or text content;
- (7) Click the "minimize" icon in the top right corner of the application box, which will minimize the application easily. After the application is minimized, it will appear in the bottom right corner of the page in the form of a floating window.
- (8) Click the "Close" icon in the upper right corner of the application box to close the easy transfer application. After closing, all uploaded content will be cleared and not saved locally.

2.13.4 Welcome



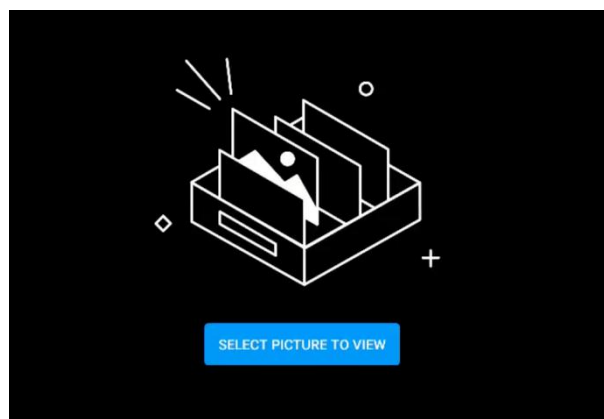
- (1) Welcome app built-in multiple templates, click to enter, users can modify and save as a new template;
- (2) After entering the template page, users can modify the background, text, music, etc. After setting, click play to display.

2.13.5 Screen Recorder



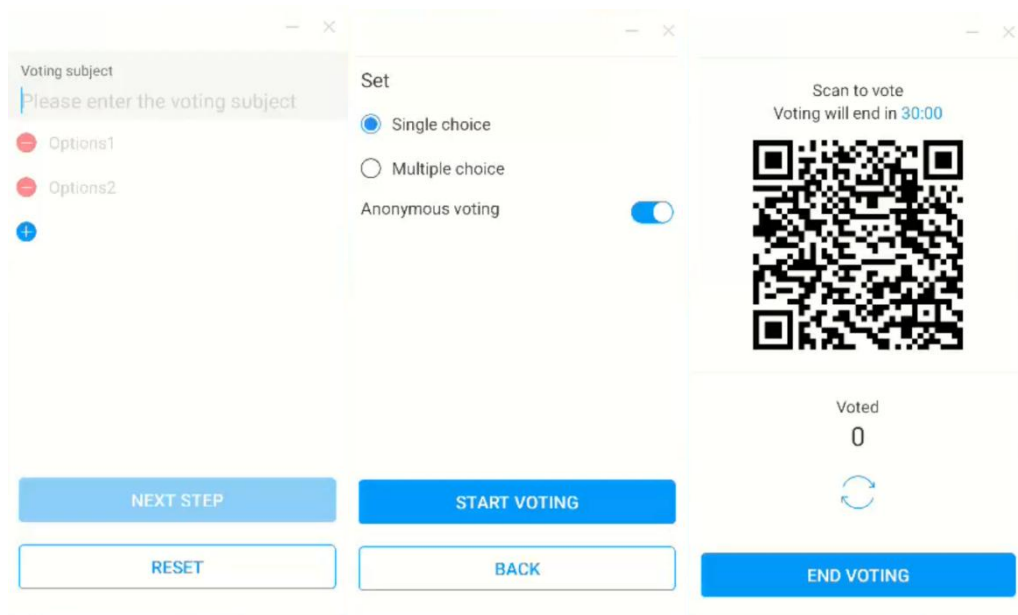
- (1) Tap the app icon to go to the app, which will open as a small window
- (2) Click "⏸" to start recording screen, start timing and recording screen; Click again to pause timing and screen recording;
- (3) Click "⏹" to end the recording screen and pop up the save option;
- (4) Click "▢" to minimize the application and put away the recording screen function, showing it as a small square dot;
- (5) Click "✕" to close the recording screen, if it is in the recording screen, it will be prompted to save.

2.13.6 Gallery



- (1) Tap the app icon to go to the app; Or select the picture in the folder to open and enter the app;
- (2) The app presents a picture preview and navigation;
- (3) Swipe left and right to flip pages;
- (4) Click the bottom left control bar, you can do the previous page, next page, flip, carousel and other operations on the picture.

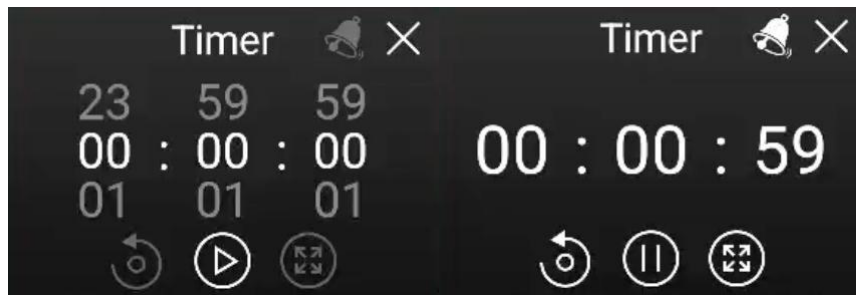
2.13.7 Votekit



The voter requires network support to work, which is not available when there is no network.

- (1) Tap the app icon to access the app;
- (2) The voting theme and option Settings page is displayed, and click the input box to call the keyboard input;
- (3) Click "Reset" to clear the options and themes; Click Next to set single/multiple select, anonymous/real name requirements;
- (4) Click "Start voting" to display the QR code of voting. Participants can vote by scanning the code, and the voting results are refresher in real time;
- (5) Click "End voting" to finish the voting, the QR code fills the function, and the voting page is closed; The voting statistics results are presented;
- (6) Click "Save" to save the voting results; Click "Insert whiteboard" to insert the voting results into the whiteboard for display.

2.13.8 Timer



This feature features a timer and stopwatch in one, as follows:

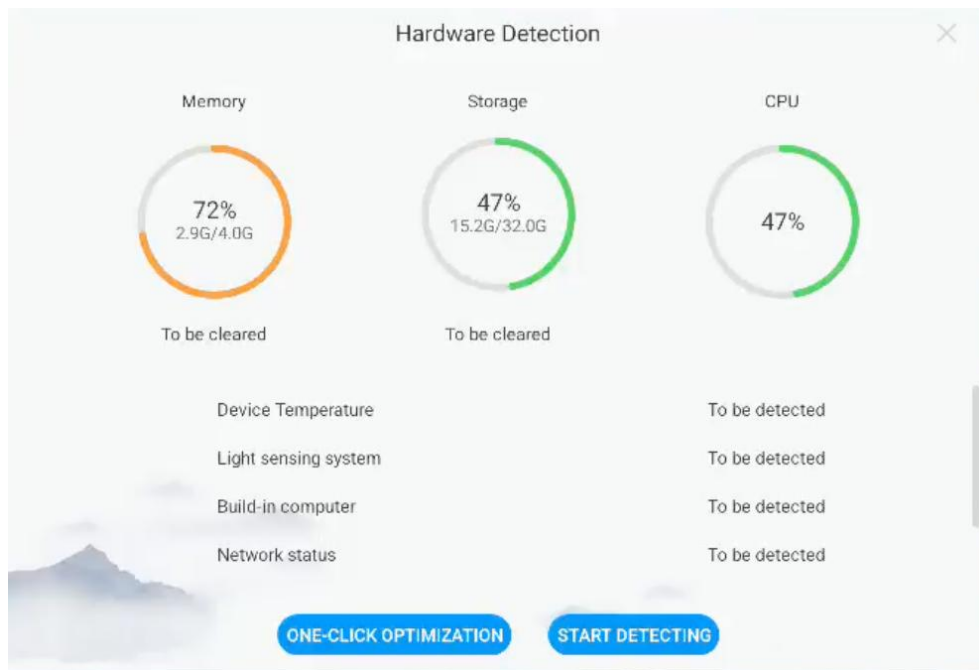
- **Stopwatch**

- (1) Click the app icon to enter the app, at this point the page shows 00:00:00;
- (2) Click Start to enter the stopwatch function;
- (3) During the stopwatch timing, click to pause the timing; Click the reset button  on the left to reset the time to zero; Click  to enlarge full screen to enter full screen display;
- (4) Tap "Close" in the top right corner to close the app.

- **Countdown**

- (1) Click the app icon to enter the app, and the page will display 00:00:00;
- (2) Adjust the time to non-zero, enter the countdown function, click Start, enter the official countdown
- (3) Click the bell icon to open the to point reminder function, when the countdown is over, the system will have a sound reminder
- (4) Click Reset to resume the preset countdown time;
- (5) Tap "Close" in the top right corner to close the app.

2.14 Hardware Detection



Hardware inspection is used to check whether the hardware peripherals of the large-screen device are in normal working condition. Click "Start Detection" to detect the hardware status of the device. The detection items include light sensor, OPS, temperature sensor, WIFI module, camera and microphone. Click the "One-click optimization" button to optimize the system operation and hardware connection status.