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# USER MANUAL

**65"/75"/85"**

**DGT ReteHub Edu – Interactive Board**

Please read this manual carefully before operation.  
Retain it for future reference.

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## Attention

This document may be updated irregularly for upgrade version or other reasons. Unless some additional agreements, there is no guarantee for any explicitly and implicitly made by statements, information or suggestions in this document.

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# 1 Introduction

- This manual is aimed at all users of IFPD and provides a reference for beginners.
- If you have any trouble or are unsure, please contact our manufacturer at <https://dgt.ba/>

## 2 Product Features

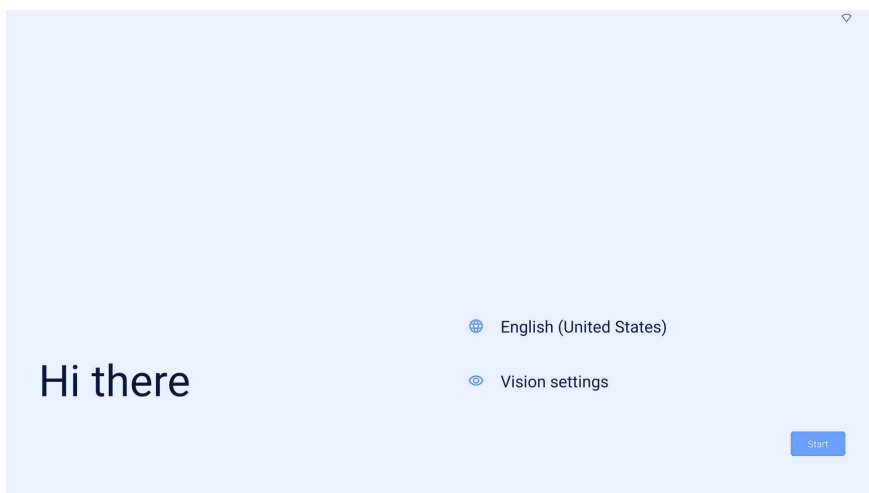
This document aims to clarify the basic functions and operation methods of the all-in-one machine to users, so that users can get familiar with each function faster;

The basic use method of each function is introduced one by one.

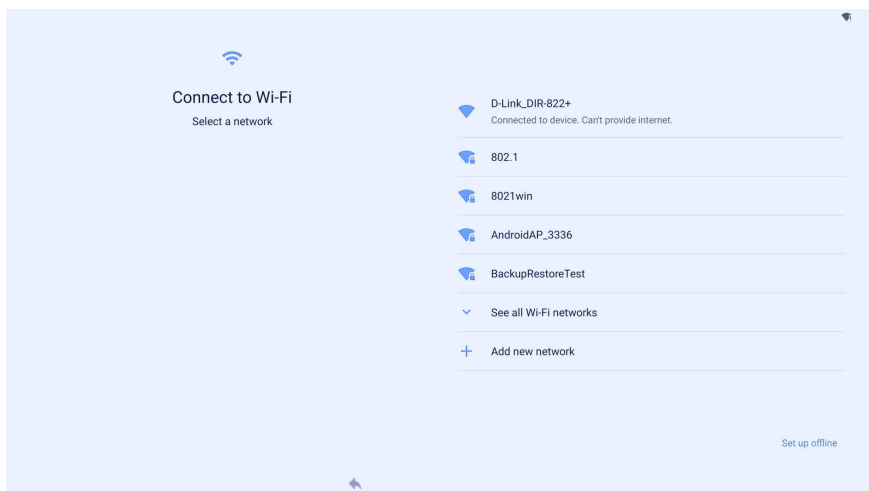
## 3 Boot Wizard

The boot wizard is the page that pops up when the user first starts up the computer. Its purpose is to guide the user through a series of setup operations, such as setting up the wireless network, adding an account, and setting a PIN code.

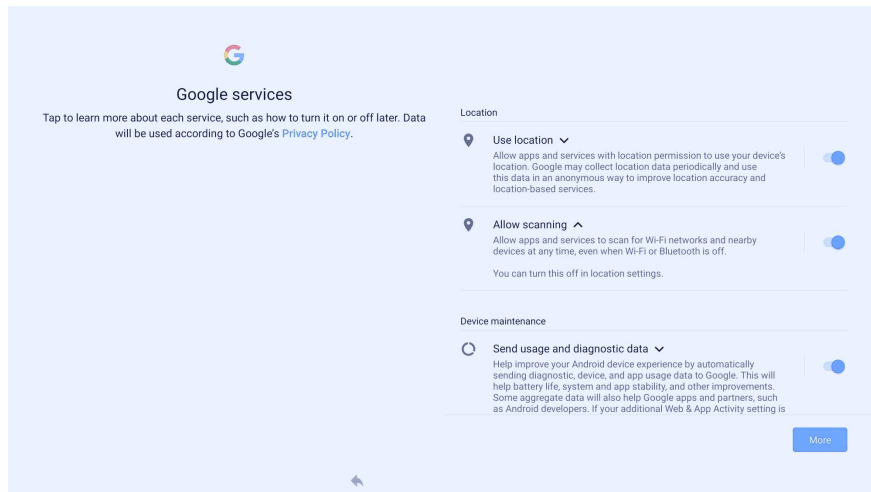
It mainly includes the following pages:



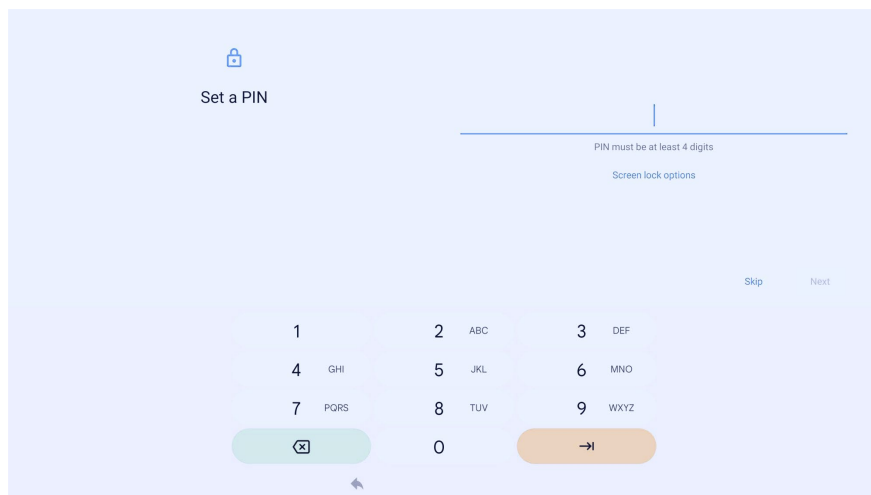
Home page



## Setting up Wireless network



## Google Terms of Service



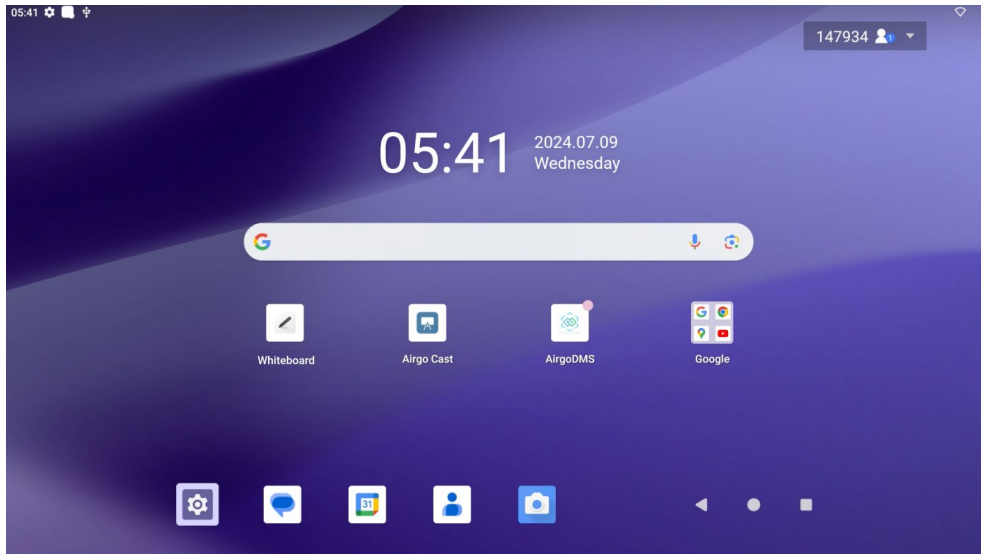
## PIN Code Settings

## 4 Launcher

### 4.1 Google Native Launcher

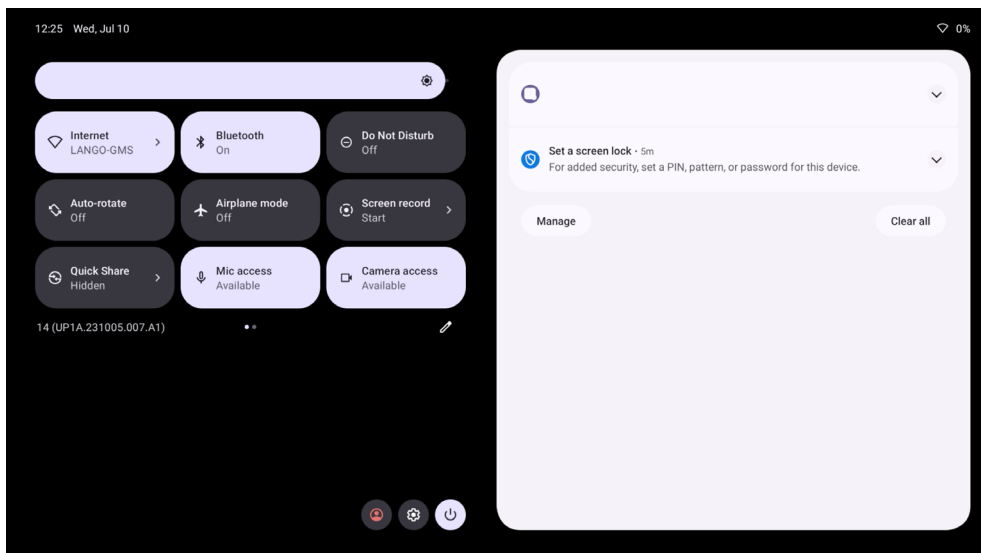
Launcher is the landing page after the user boots up, which is the theme page of the all-in-one.

After the boot display scheme A, that is, Google native Launcher;



Scheme A

The native Launcher includes a Google Search Bar and a drop-down menu.



## 4.2 Theme Launcher

Click "Settings - System - Launcher Scheme" to switch to Schemes B and C, which are the Education Theme and Conference Theme.



Scheme B - Education Theme



Scheme C - Conference Theme

#### 4.2.1 Page Element Introduction

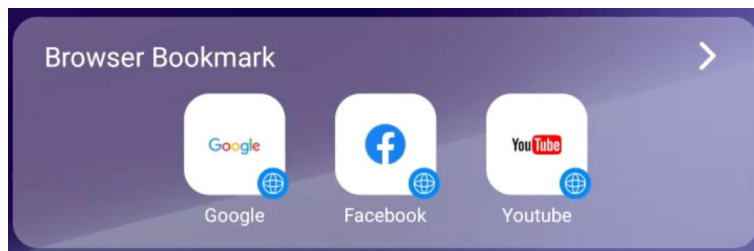
- **Top status bar:** show device name, hotspot name, network status, device temperature, notification. They are introduced as follows:
  1. device name: show the name of current device, the device name will be associated with the hotspot name, screen casting device name, bluetooth name and other information;
  2. Hotspot password: show the password of the hotspot when the hotspot is turned on;
  3. Network status: show the network you are currently connected to and the network status;
  4. Device temperature:

- (1) Temperature detection, real-time monitoring of the whole machine temperature;
  - (2) Temperature  $< 65^{\circ}\text{C}$  belongs to the normal temperature range, the text is displayed in green;
  - (3)  $65 \leq \text{temperature} < 85^{\circ}\text{C}$  when the temperature is high, the text is displayed in orange, will remind you to turn off the machine;
  - (4) temperature  $\geq 85^{\circ}\text{C}$  when the temperature is too high, the text is displayed in red, in order to protect your equipment, after 5 seconds will be forced to shut down.
- 
- **Bottom shortcut button:** show the signal source area, the area will display all the signal sources that the current device has been connected to the information, click on the signal source can quickly enter the corresponding channel, click on the "source" to open the list of all the signal sources.
  
  - **Wallpaper:** Customise the wallpaper in "Settings - Wallpaper";
  
  - **Time:** The date and time and format can be set manually in "Settings - System - Date and Time".

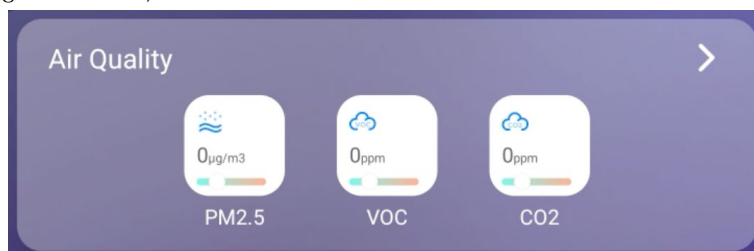
## 4.2.2 Education Theme Launcher



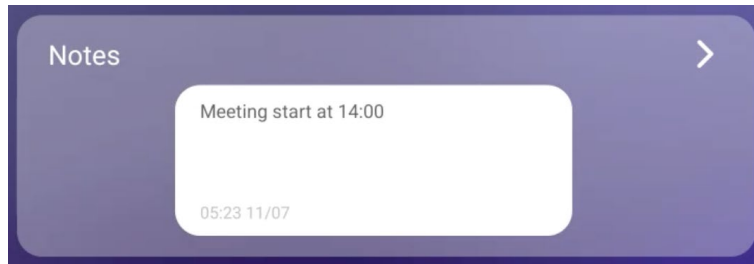
- **Web page bookmarks component:** you can save frequently used URLs, click to quickly open the browser and enter the corresponding URL. Click the button on the upper right corner to customise the frequently used URLs to be displayed;



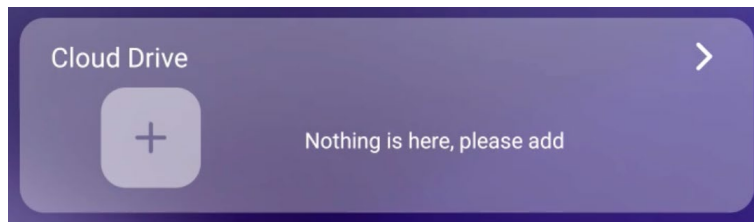
- **Air detection component:** PM, Voc and Co2 values can be displayed, and temperature and humidity can also be selected for display by clicking on the upper right corner;



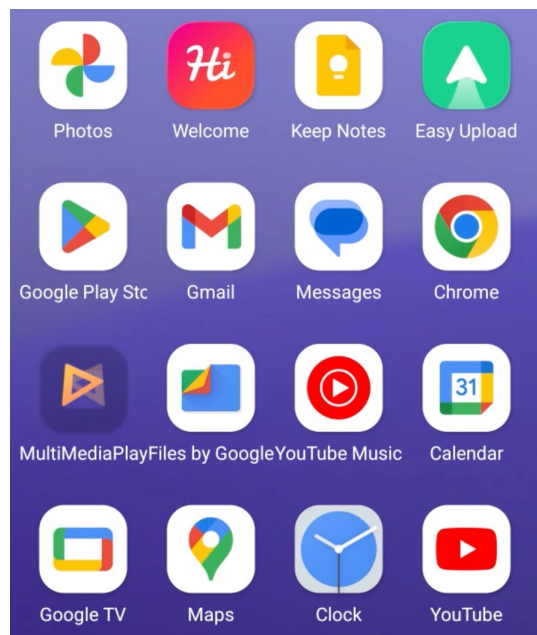
- **Sticky notes component:** you can add reminders or notes, click the upper right corner to add a new note or delete the previous note;



- **Cloud Drive Component:** if the current device is not bound to cloud disk service, click "+" in the component to bind cloud disk. If the current device is bound to cloud disk, the current logged in cloud disk service will be displayed, and click to jump to the corresponding cloud disk file directory;



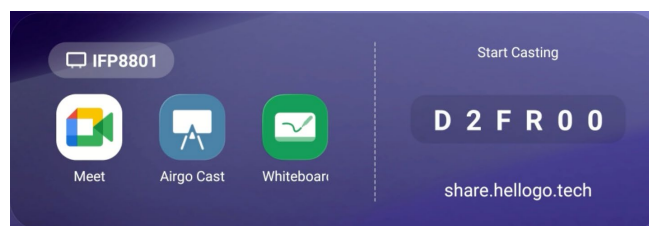
- **Application list:** displays all the applications installed on the device. Support scroll up and down display and long press the app to bring up the app menu.



### 4.2.3 Conference Theme Launcher



- **Screen casting component:** the right part shows the screen casting code and the cloud screen casting link Share.airgo.link, which makes it easy for users to open the screen casting directly;



- **Application list:** display frequently used software and more applications. Tap More Apps to show all the apps installed on the device, support page display and long press apps to call out the app menu.



## 5 Sidebar

The sidebar is an application that often appears at the top of the page and allows you to quickly perform various actions.



**How to open:** click the translucent bar buttons on the left and right sides to expand the sidebar, and click the blank area to close the sidebar.

**Sidebar functions include:** Back, Home, Multitasking, Control Panel, Annotation, Signal Source, Settings;

1. **Back:** Tap to return to the previous step of the operation, until you return to the home page or the starting position of the operation;
2. **Home:** tap the home icon to quickly return to the home page. The current application can be retrieved in multitasking;
3. **Multitasking:** Enter the system multitasking page, you can view the applications that are currently running in the background;
4. **Control Panel**
  - (1) **Top:** You can operate Wi-Fi, hotspot and Bluetooth functions quickly, and click the bottom right corner to enter the relevant page in the settings.
  - (2) **Middle:** you can turn on or off several shortcut tools.
    - **Ethernet network:** Tap on/off the wired network;
    - **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;
    - **Touch lock:** After opening, the touch of the screen is locked, and the touch event

does not respond. The lock logo is displayed at the top left of the interface, and the method of removing the 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 files
    - a. Create a new text document
    - b. Input U2FsdGVkX18v36IHH20loQYdlbG + Y18YkDs9R1ACvSE =
    - c. Name the file usb\_child\_key
    - d. Remove the file extension.txt
    - e. The file characters are UTF-8
    - f. After saving and in the U disk root directory
    - g. Insert the USB key in touch lock mode to unlock
- **Lock screen:** Click the lock screen, you can modify the lock screen unlock mode in [System Settings];
  - **Listen alone:** Click and the screen goes off, only the sound output is retained;
  - **Screen off:** Screen goes off when clicked;
  - **Turn off OPS:** Click to switch off OPS;
  - **Power off:** Click to switch off the machine;
  - **Restart:** Click to reboot the machine;
  - **Freeze:** Click on the screen to be fixed;
  - **Screen down:** Click to move the screen down by one-third;
  - **Spotlight:** Click to open the spotlight;
  - **Curtain:** Click to open the curtain.

In addition to this, you can also directly adjust the sound as well as brightness of the All-in-One device, and click on the button to the left of the sound to mute it, and click on the button to the left of the brightness to turn on the auto-brightness.

- (3) **Bottom:** Show all the application functions, tap once to open the corresponding application, long press the application with "multi-window icon", you can open the application in the form of a free window (see 7 Free Window for details).
5. **Annotation:** Enter the annotation mode, see "4.6 Annotation" function.
  6. **Signal source:** Click the icon of signal source to display the list of signal sources (the connected sources are highlighted), click to enter the corresponding channel.
  7. **Settings:** Click to enter Google native system settings.
  8. **AI Function Pack:** Click on it to display 4 AI functions, namely: Circle & Scan, Speech to Text, AI Q&A and Voice Assistant.

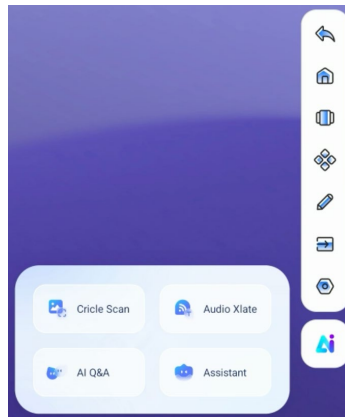
## 6 AI Function Pack

### 6.1 Circle & Scan

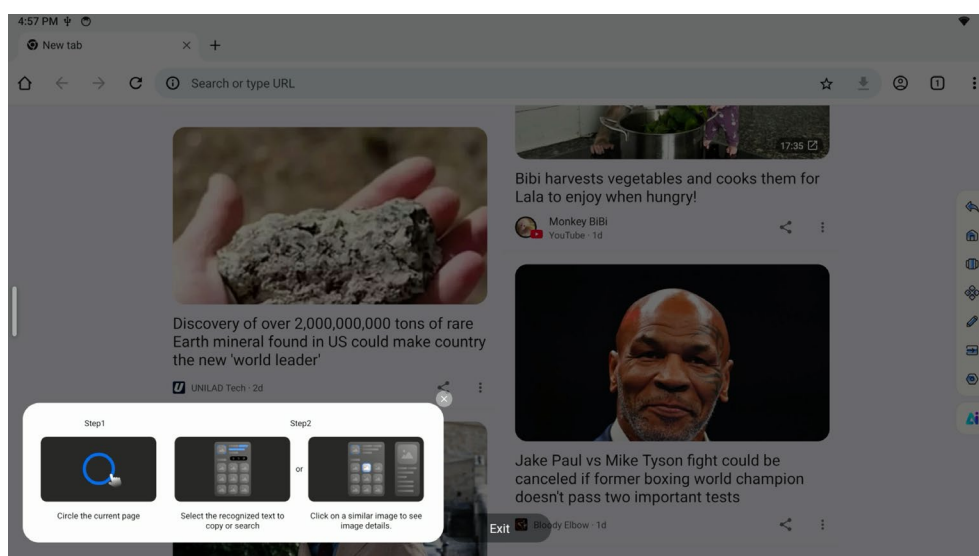
Through AI screen recognition, it meets the user's need to search for any element within any scene or interface.

The figure below is an example of a browser application:

1. When we are browsing a certain type of information, if we want to further search for images or text in it, we can click on the sidebar, and then click on the Circle & Scan in the AI function pack.

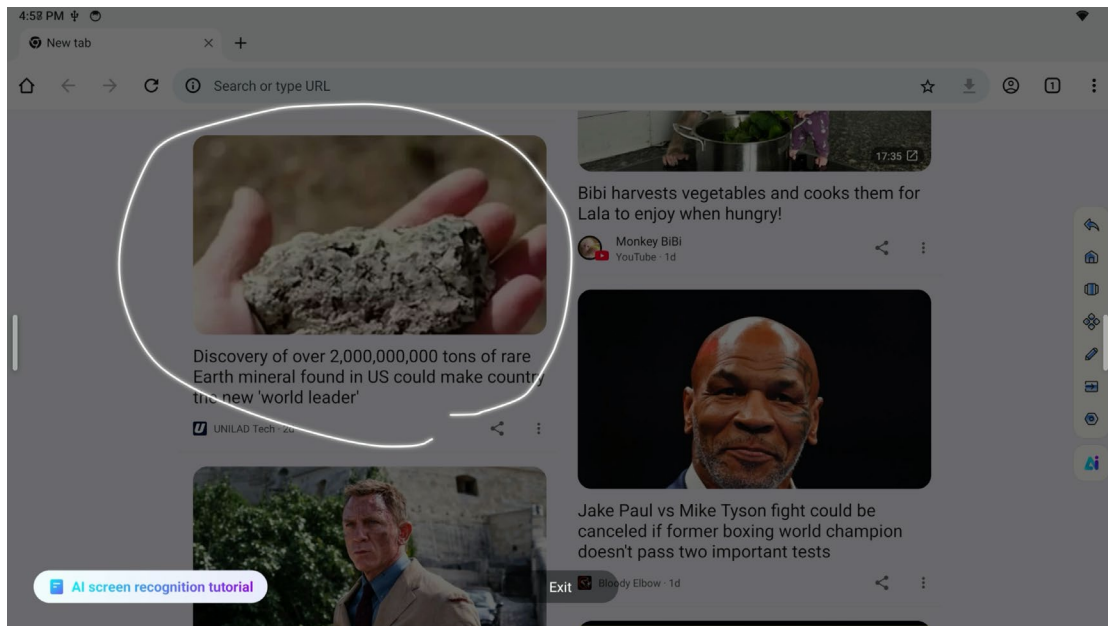


2. At this time to enter the circle selection mode, you can click on the lower left corner to view the operating instructions.

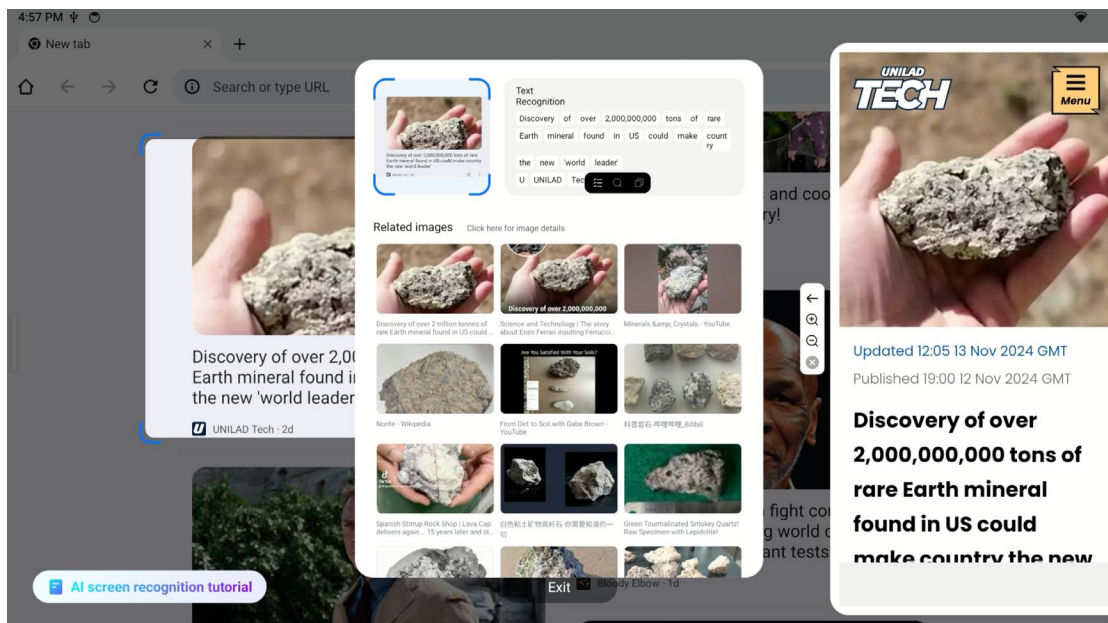


3. Circle the content you want to search, after lifting your hand, the content through the AI screen function, extract the relevant text and images displayed

in the pop-up window.



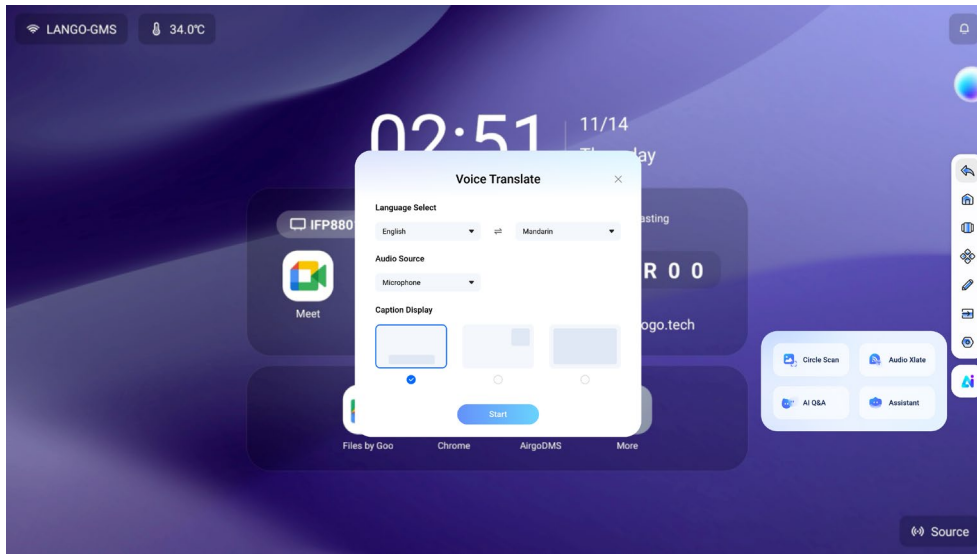
4. You can select a text and then search or copy the text in the browser, or click on the picture and then view the picture details in the browser on the right.



## 6.2 Speech to Text

In the speech-to-text function, the user can select the speaking language and translation language (Mandarin, English and Korean are supported in the first stage), as well as the audio source (microphone, in-system recording, mixing).

Setup interface:



Meanwhile, 3 different styles are provided for users to use this function in different scenarios.

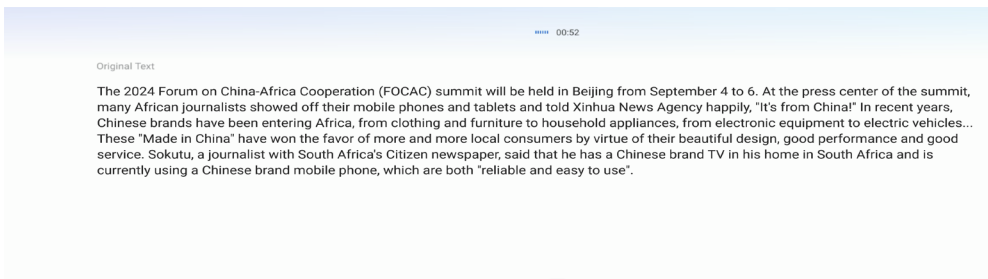
Style 1 - Bottom Subtitle Style:



Style 2 - Top Right Subtitle Style:

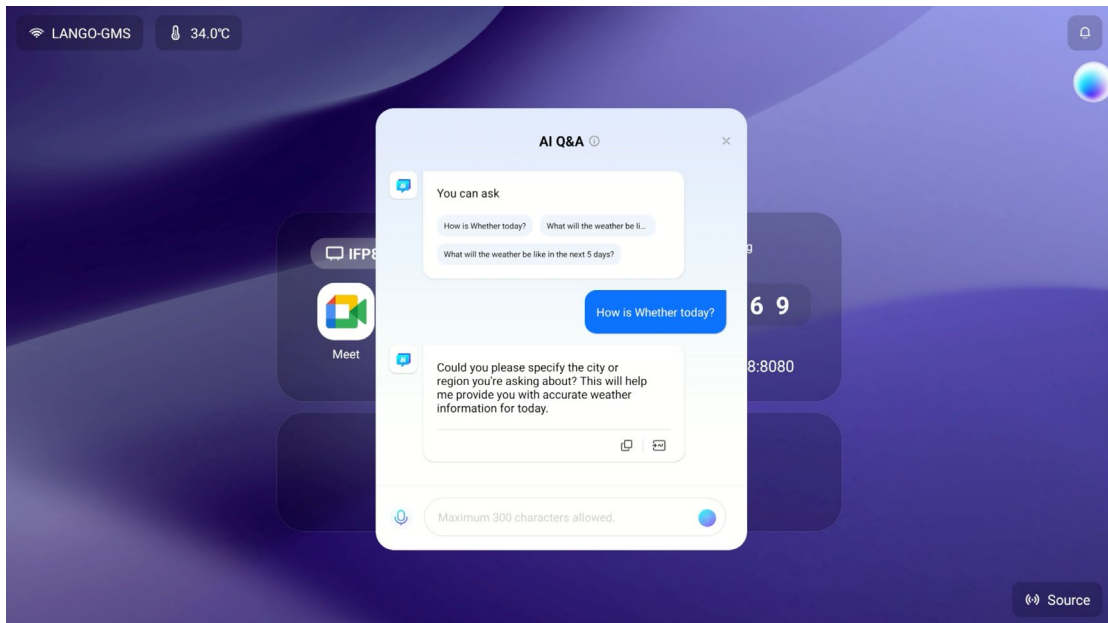


Style 3 – Full Screen Style:

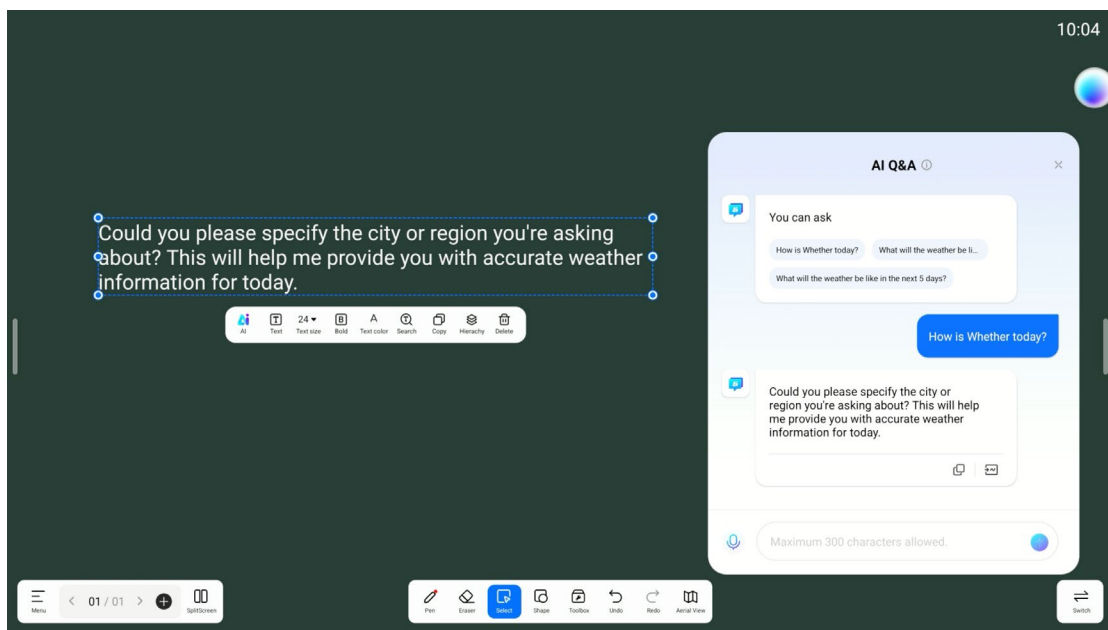


## 6.3 AI Q&A

In AI Q&A, you can input the question you want to ask by voice or typing, and then you will get a reply from the AI.

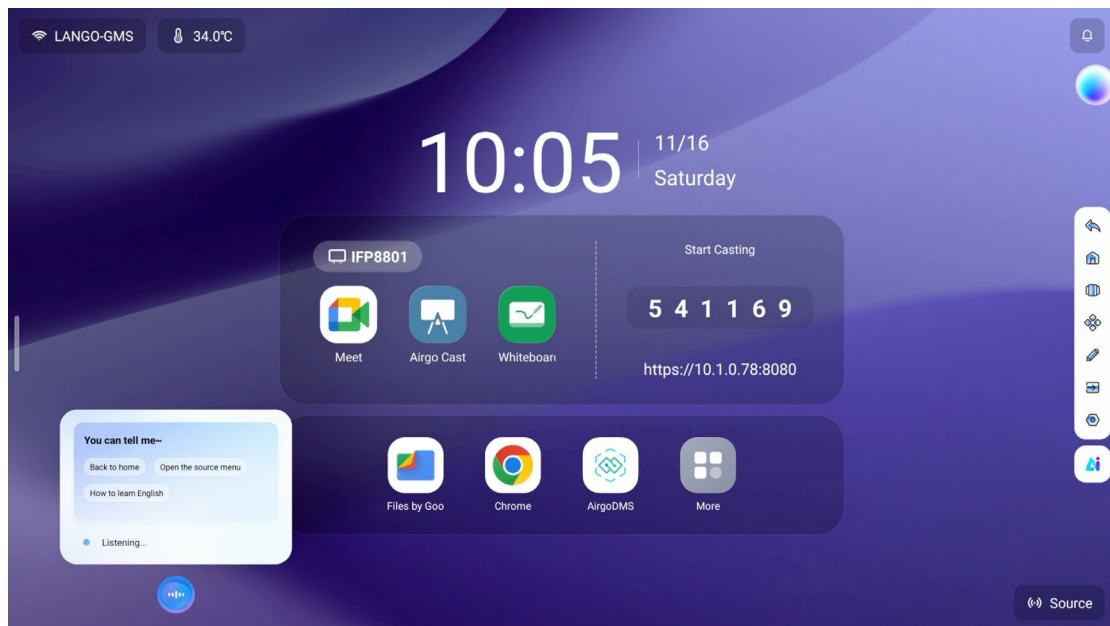


The content of the AI response can be copied or placed directly into the whiteboard to continue the in-depth explanation within the whiteboard.



## 6.4 Voice Assistant

You can tap the voice assistant function in the AI function pack or call out the voice assistant through the wake-up word 'Xiaolang Xiaolang', and then you can input the questions and commands you want to enquire by voice after the pop-up window appears.



## 7 Compass

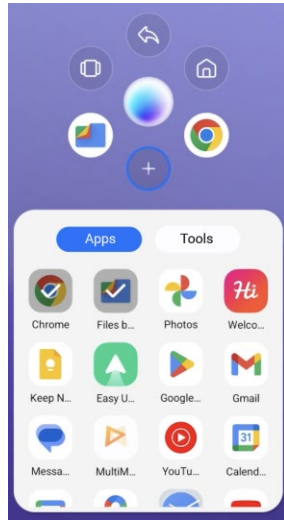
The compass provides the user with a quick way to operate, and the user can open the application in the form of a free window (see 7 Free Window for details) through the compass, the basic operation is as follows:

- Long press with five fingers in any interface to bring up the compass;
- Tap the circle in the middle of the compass to expand or retract the compass;
- Drag the circle in the middle of the compass to move the position of the compass.

**Compass Folded State:** it is a colourful floating ball, which can be covered on the top of the application page, and can be dragged and placed anywhere on the page.



**Compass Expanded State:** Compass supports 6 functions in total, the system default configuration is Back, Home, Browser, File Manager and Multitasking (all can be customised), tap "plus" or long-press any application to enter the Edit Mode, the application menu will appear. Users can directly select the frequently used applications in the application menu and place them in the compass.

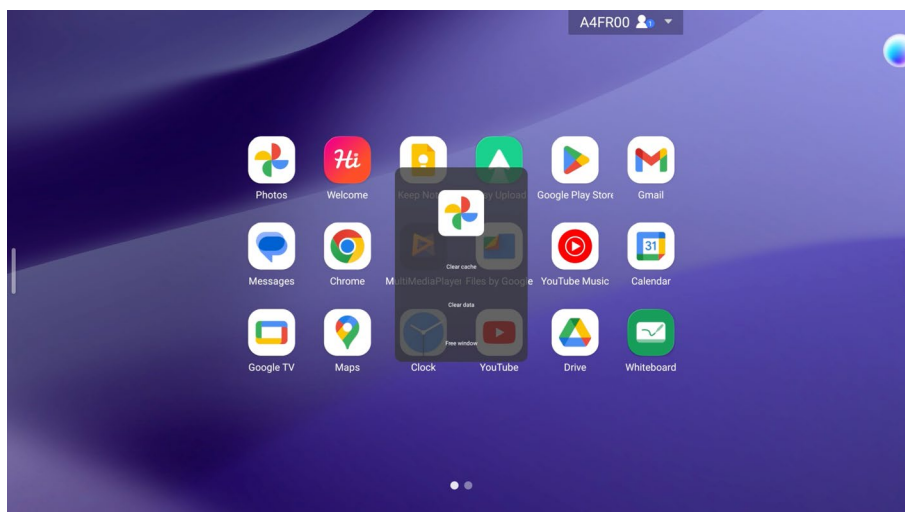


## 8 Free Window

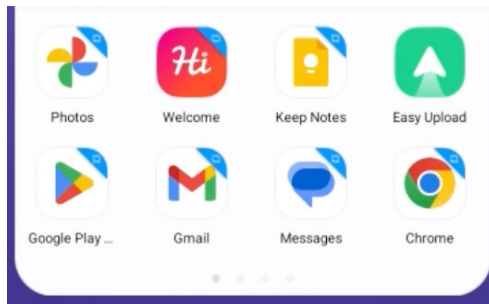
### 8.1 Open Method

Free windows allow users to operate different applications and display different content at the same time, and there are currently four ways to open a free window:

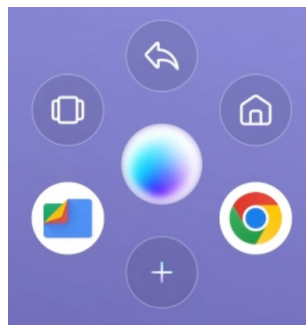
1. Long press the app icon on the app list of Launcher, the system will pop up a window, select 'Free Window', that is, you can open the app in the form of free window;



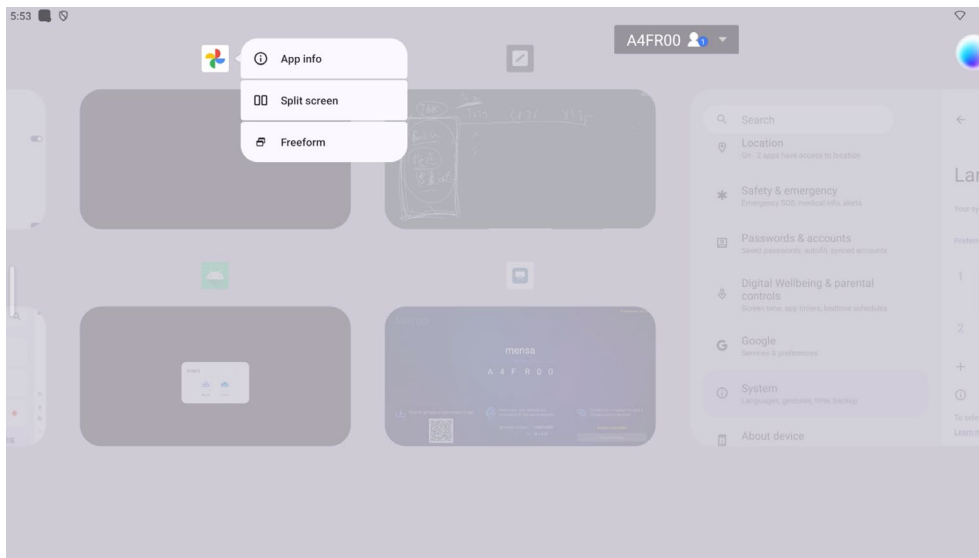
- In "Sidebar--Control Panel--Application List", long press the application with blue corner mark in the upper right corner to open the application in the form of a free window;



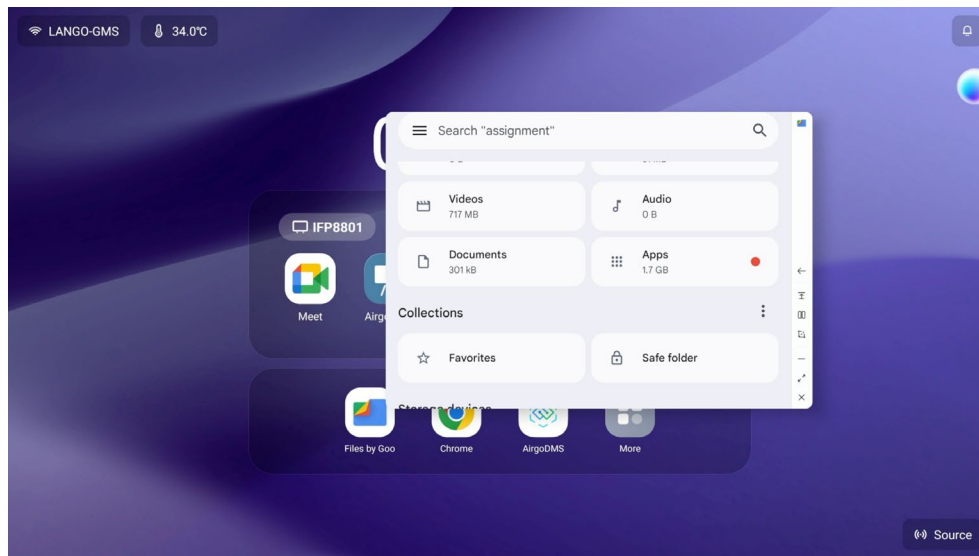
- Applications can be opened in a free window by clicking on the application placed in the compass;



- Tap the app icon in multitasking to choose to open the app in a free window.



## 8.2 Free window control bar



After opening the application in a free window, select the window and do the following operations on the control bar as shown on the right side:

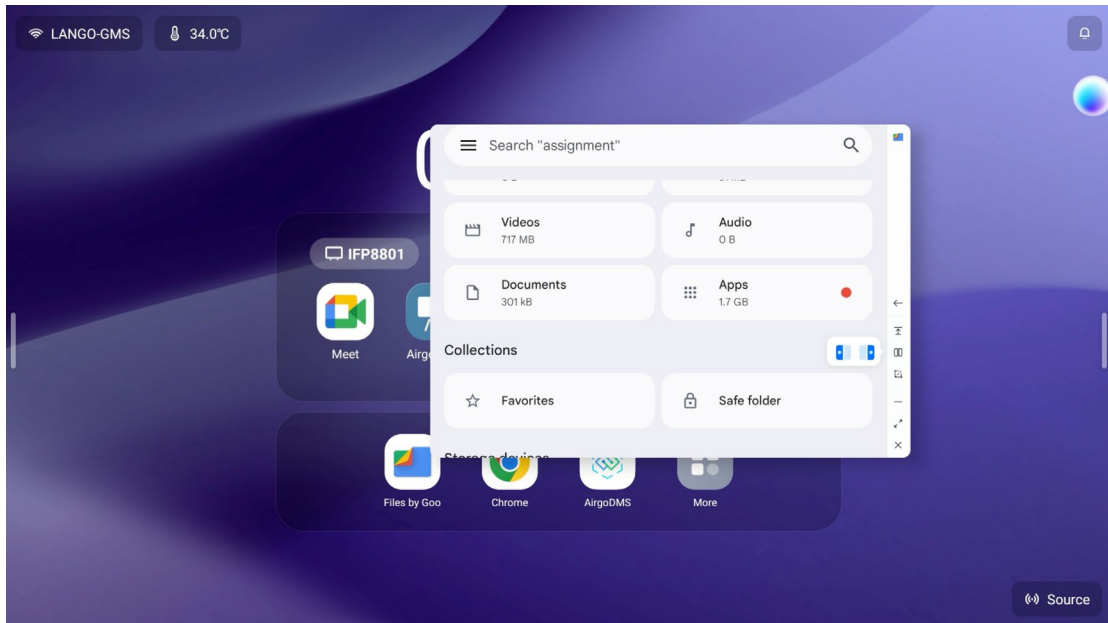
1. **Back:** Click on it to return to the application screen in the free window;
2. **Pin:** Click to display and move the free window on the top layer;
3. **Split Screen:** Click to select left or right split screen;
4. **Screenshot:** Click to take a screenshot of the current page in the free window, which can be saved locally or placed on the whiteboard;
5. **Minimise:** click it to put the app into multitasking;
6. **Full Screen:** Click to display the app in full screen;
7. **Close:** click to close the current application;
8. **Drag:** Press and hold the blank area of the control bar to move the position of the free window;
9. **Zoom:** hold down the edge of the free window and drag it to zoom the width and height of the window.

## 9 Split Screen

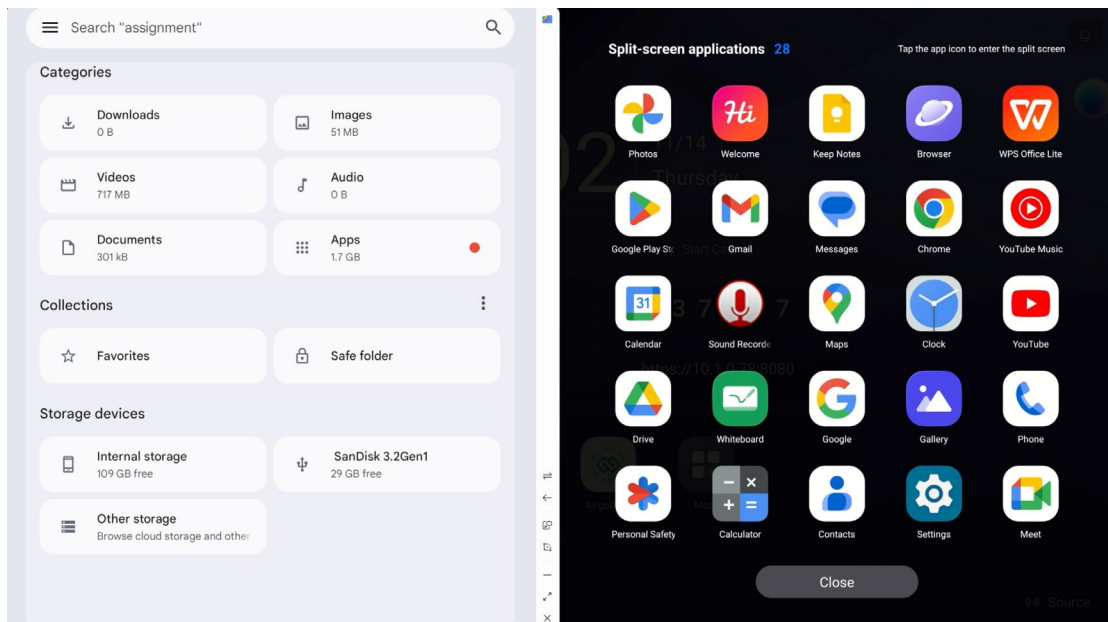
### 9.1 Split Screen Operation

The split screen function supports users to simultaneously operate different applications and display different content. Currently, there are two ways to perform split screen operations:

1. Click the function button on the control bar on the right side of the free window. After clicking the split screen button on the free window, left or right split screen pop ups will appear. After selecting left or right split screen, the applications in the free window will be directly located on the left or right side.



After completing the left/right side split screen, tap the splittable app in the app list on the other side to complete the two-split screen operation.

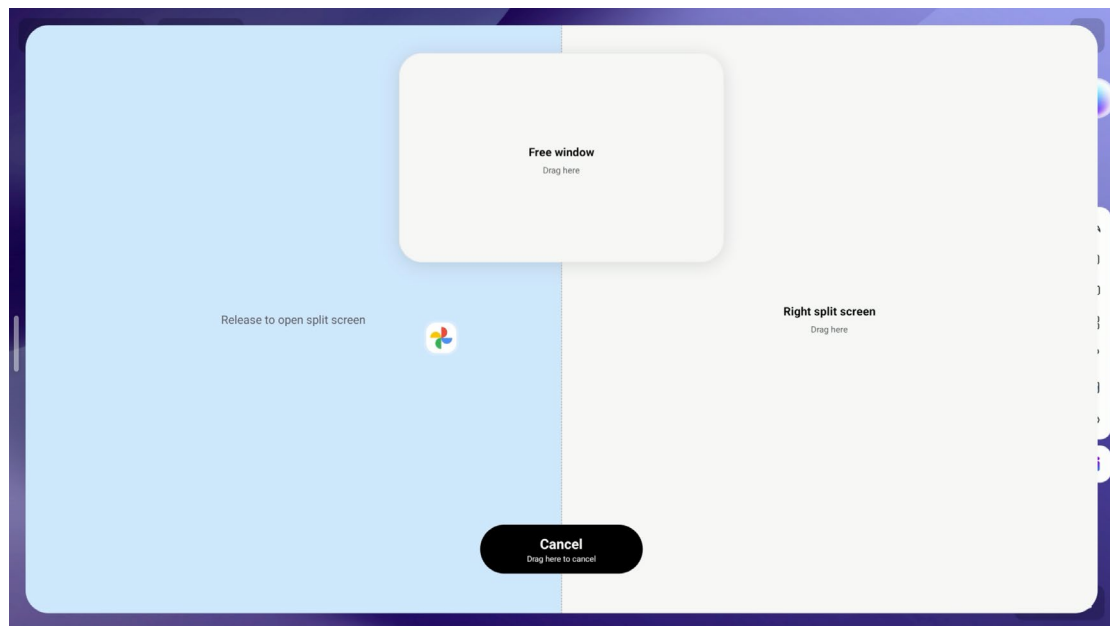


2. After opening the control panel in the sidebar, long press the bottom app. (Under development)
  - a. After long pressing the bottom application, the application can be dragged out

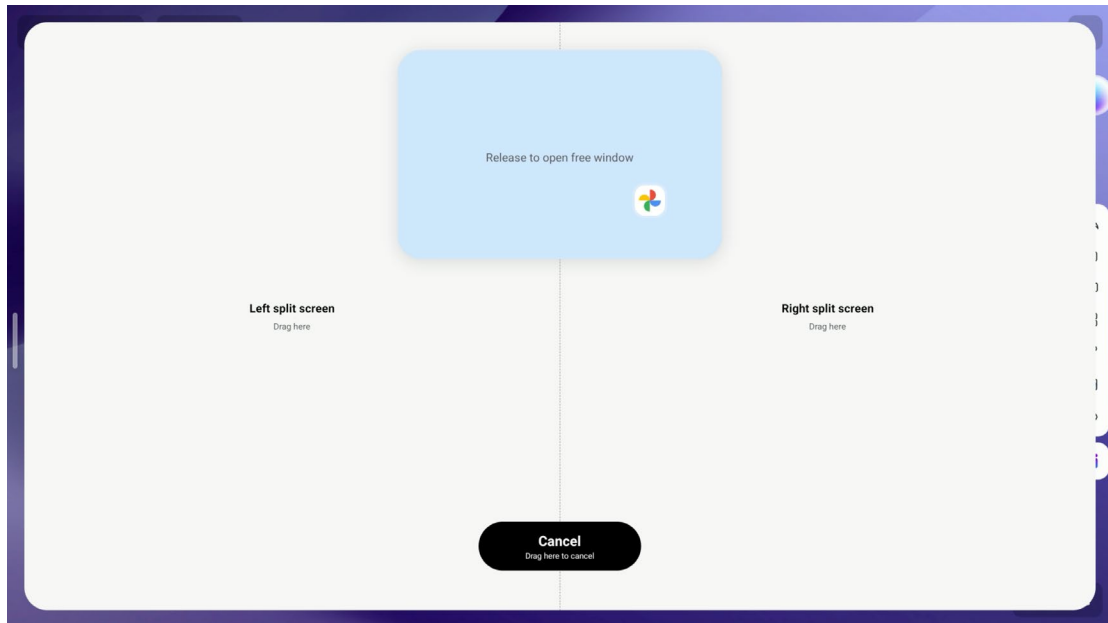
to any position on the IFPD;



- b. Drag and drop the application to the left/right side of the large screen, then release it to complete the left/right split screen;

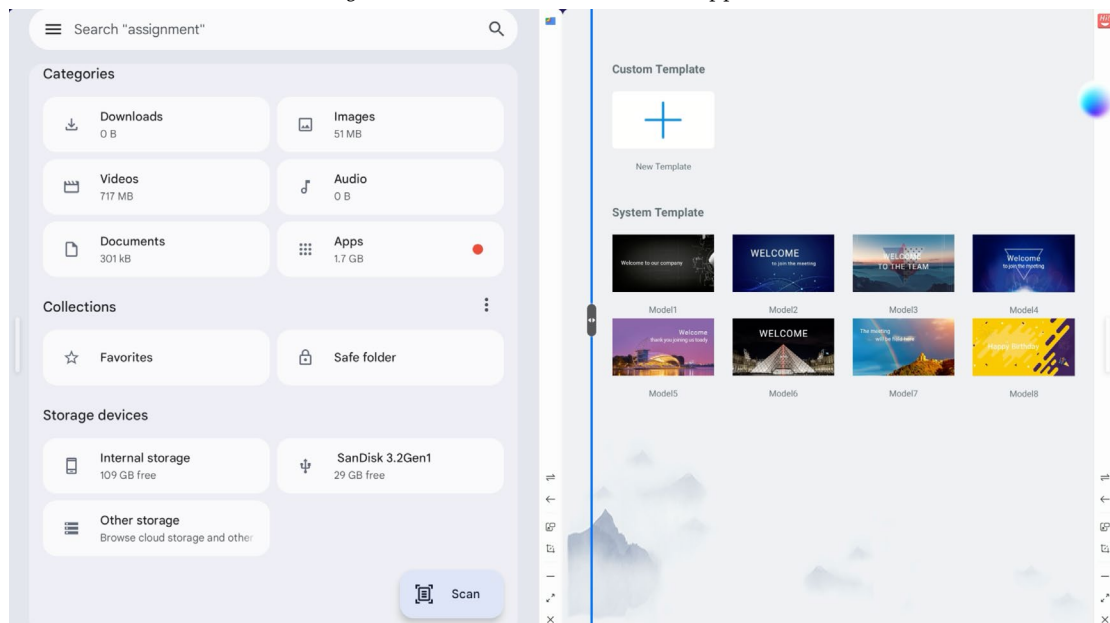


- c. Or open the application in a free window style after placing it in the center.

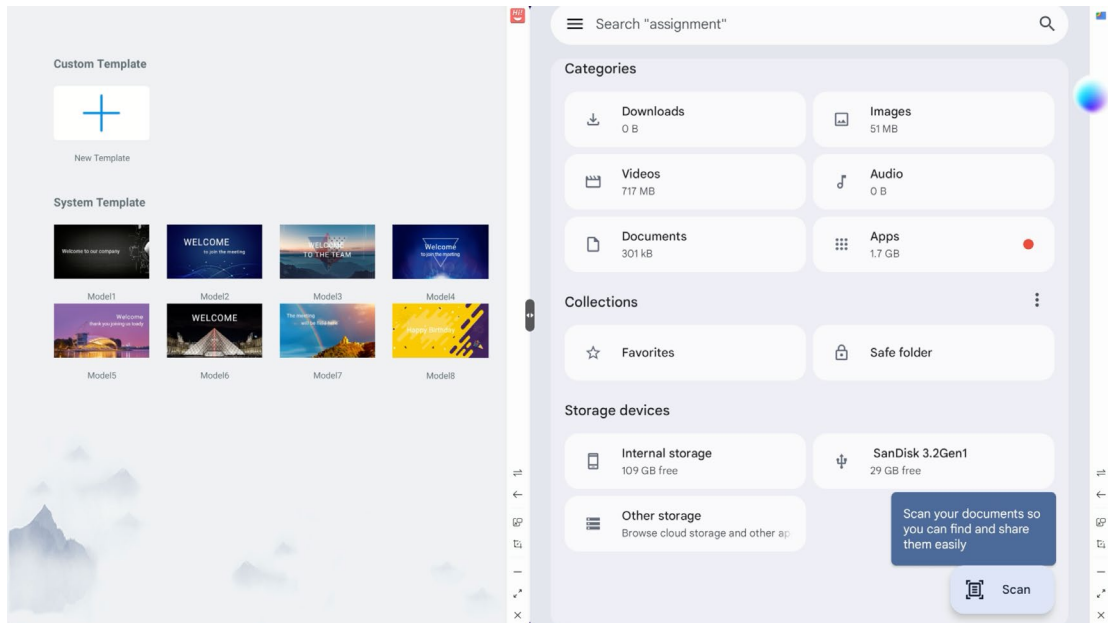


## 9.2 Split Screen Function

1. Adjust size: After the two-split screen is completed, you can press and hold the middle bar to adjust the size of the two applications.



2. Switch content  $\rightleftharpoons$  : Click the switch button on the control bar to switch the content of the left and right split screen applications.



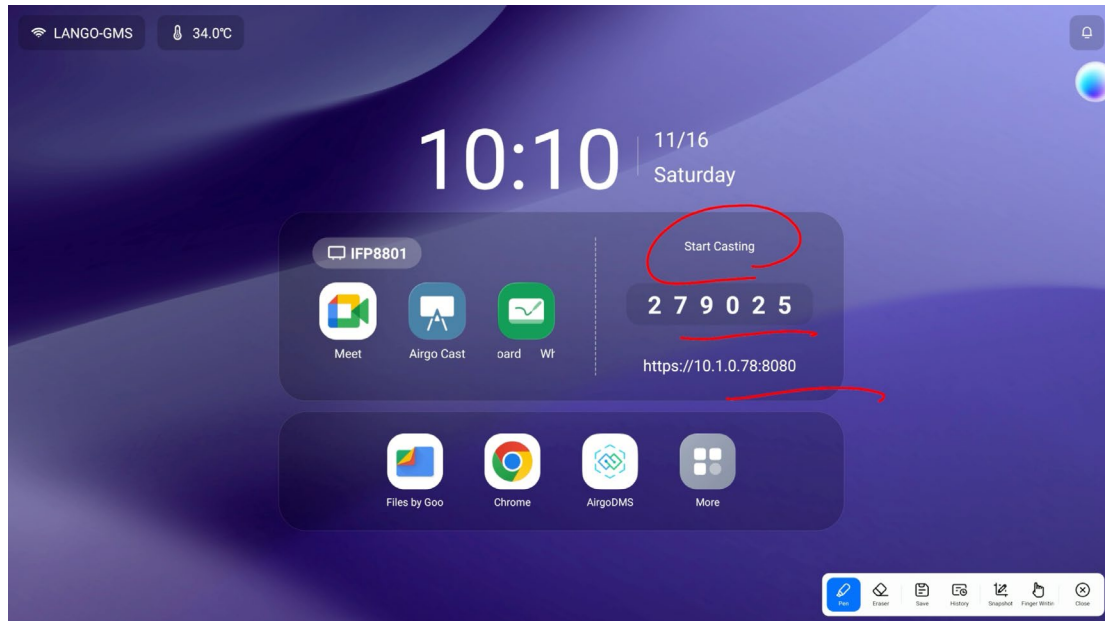
3. windowed  : Click the windowing button to directly transform two split screen applications into a free window style.



(The remaining functions are consistent with those in the 8.2 control bar)

## 10 Annotation

Enable the stroke annotation mode in Settings – General, and touch the screen with a pen to enter the annotation mode, at this time, the annotation mode is dynamic annotation, that is, writing with a pen can appear handwriting, and at the same time, you can use your hand to operate the interface.



The toolbar appears at the bottom right corner and the contents are Pen, Eraser, Save, History, Snapshot, Finger Writing, Switch to Whiteboard, and Close.

- **Pen:** click to switch the brush colour as well as thickness;
- **Eraser:** click to adjust the size of the eraser or choose to clear the screen with one click;
- **Save:** click to save the current dynamic annotation page and handwriting;
- **History:** click to save the page saved to the history of the page, click history again to appear in the history page list. You can select all of them, put them into the whiteboard, share them and delete them;
- **Snapshot:** after clicking, the background of this page is a screenshot, on which annotations can be made;
- **Finger writing:** after clicking, you can also write with your finger;
- **Close:** click to close the annotation mode.

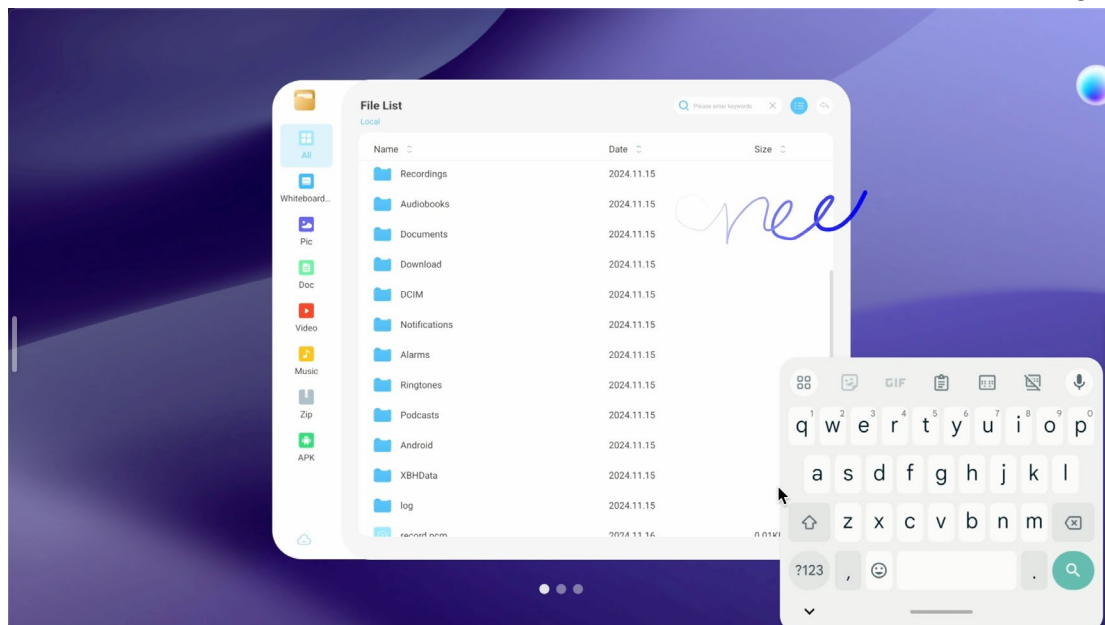
### 10.1 Stylus Input

Before using Stylus Input, you need to turn on the [ Stroke Annotation ] switch in Settings – General.

Tap any input box, you can input characters by handwriting, so as to replace the

original keyboard input way, which significantly improves the user experience of inputting characters on the IFPD.


Below is a screenshot of the actual use of the effect (blue is the handwriting):






## 11 Screenshot



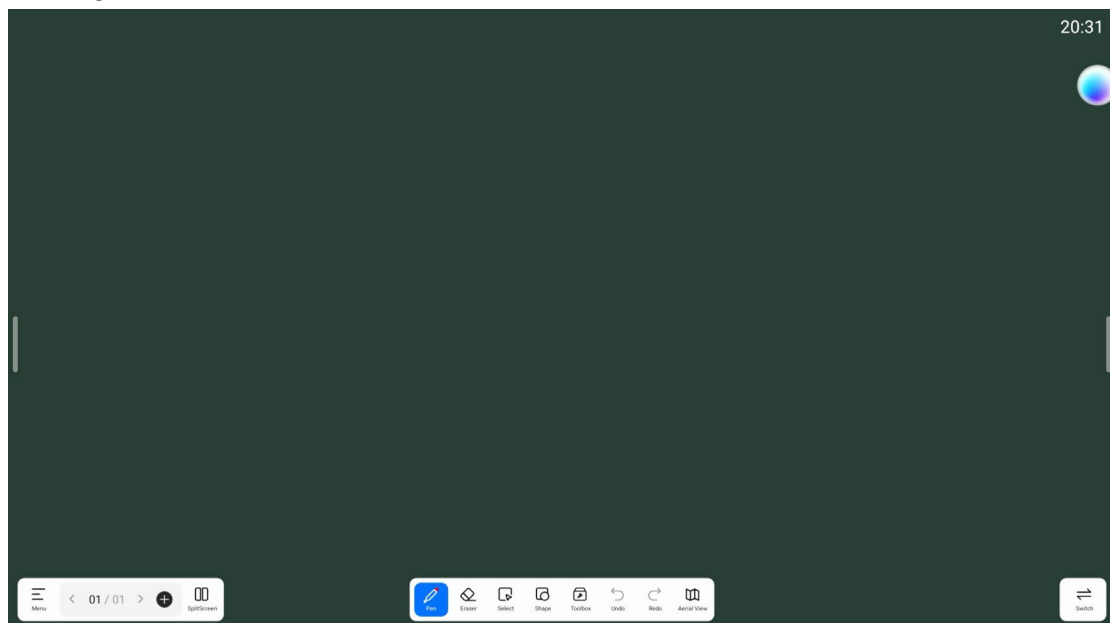
The screenshot tool allows you to quickly capture screen content and choose to save it locally or insert it into the whiteboard.

- (1) After clicking "Sidebar--Control Panel--Screenshot", the middle part of the screen will be captured by default;
- (2) Drag the screenshot frame to move the position of the screenshot;
- (3) Drag the points around the screenshot box to change the size of the screenshot;
- (4) Click the lower right corner  to open the whiteboard and place the screenshot into the whiteboard.

- (5) Click the bottom right corner  to take a full-screen screenshot.
- (6) Click the bottom right corner  to close the screenshot function.
- (7) Click the bottom right corner  to confirm the screenshot and prompt to save;

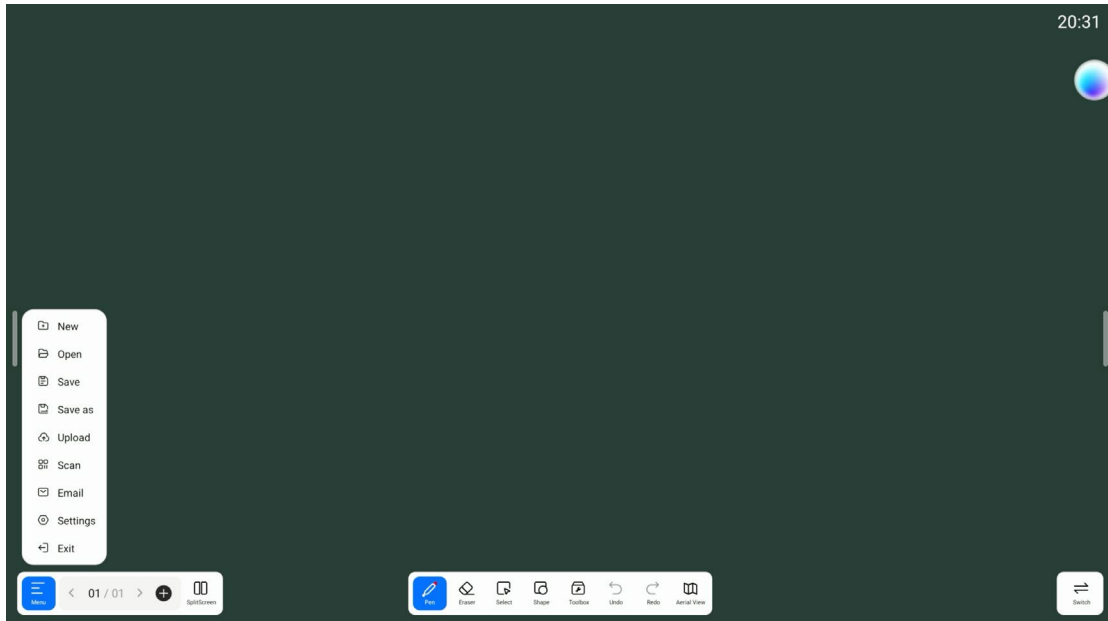
## 12 DGT Whiteboard

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.



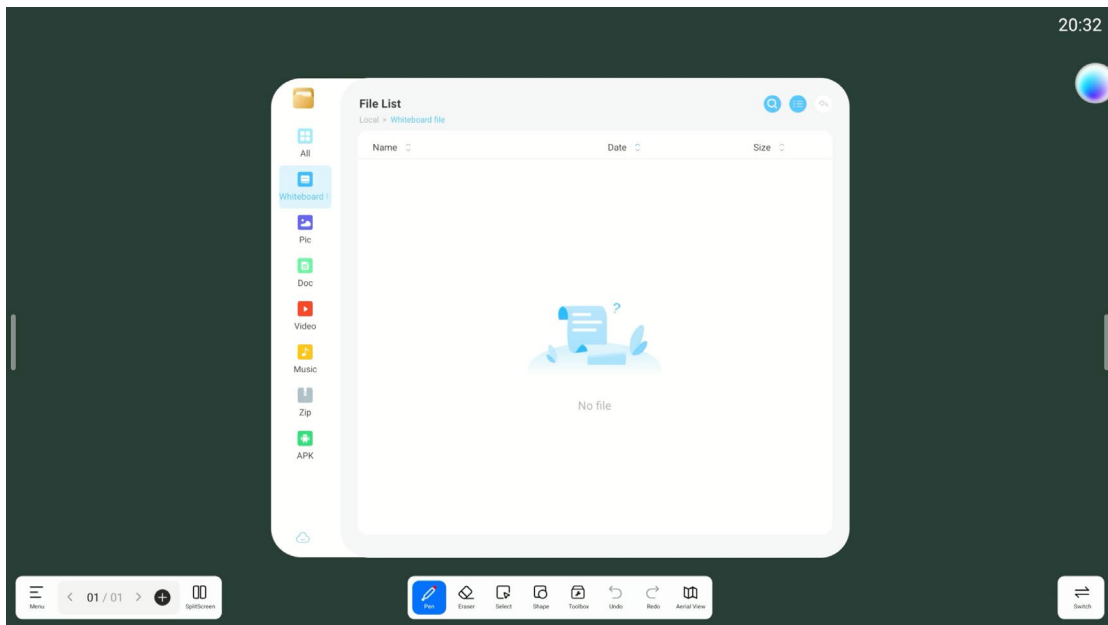
### 12.1 Menu

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



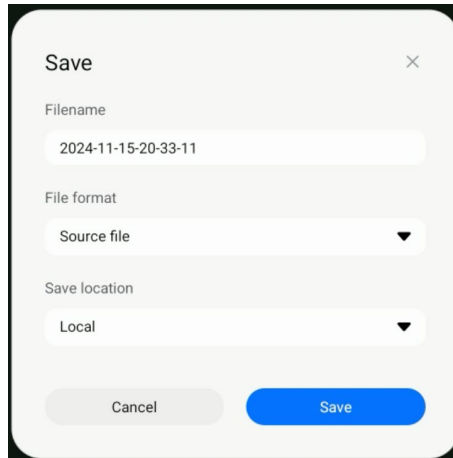
The menu bar contains new, save, share, close, and various Settings of the whiteboard. The basic operations are as follows:

- **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;

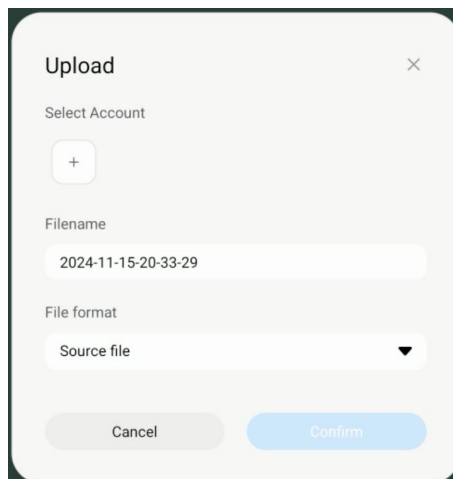


- **Save:** Click to save the current file, support to set the name of the document, document type, storage location;

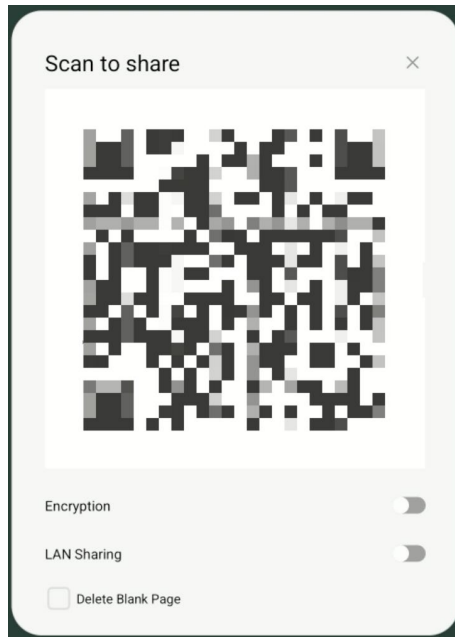
- **Save as:** Store a file in addition to the current file. It supports setting the document name, document type, storage location.



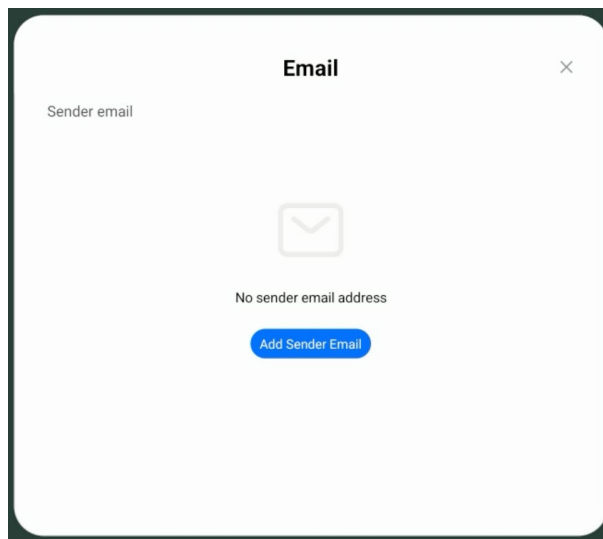
- **Upload To Cloud:** Upload the whiteboard file to the network disk for saving, and you can choose different formats, such as: source, image and pdf files.



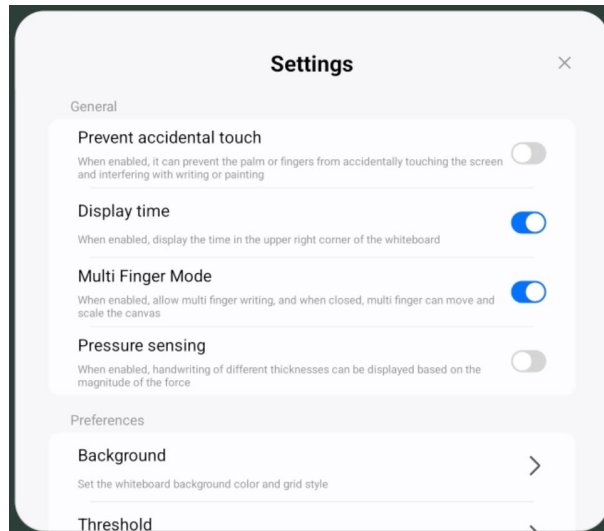
- **Scan:** click to present and share the two-dimensional code, and users can download the whiteboard picture file by scanning the code; Click the encryption above the QR code to generate a digital password. After scanning the code, you need to enter the password to obtain the content; Support local 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. General

- (1) **Prevent accidental touch:** when enabled, it can prevent the palm of fingers from accidentally touching the screen and interfering with writing or painting.
- (2) **Display time:** when enabled, display the time in the upper right corner of the whiteboard;
- (3) **Multi finger mode:** when enabled, allow multi finger writing, and when closed, multi finger move and scale the canvas;
- (4) **Pressure sensing:** when enabled, handwriting of different thicknesses can be displayed based on the magnitude of the force.

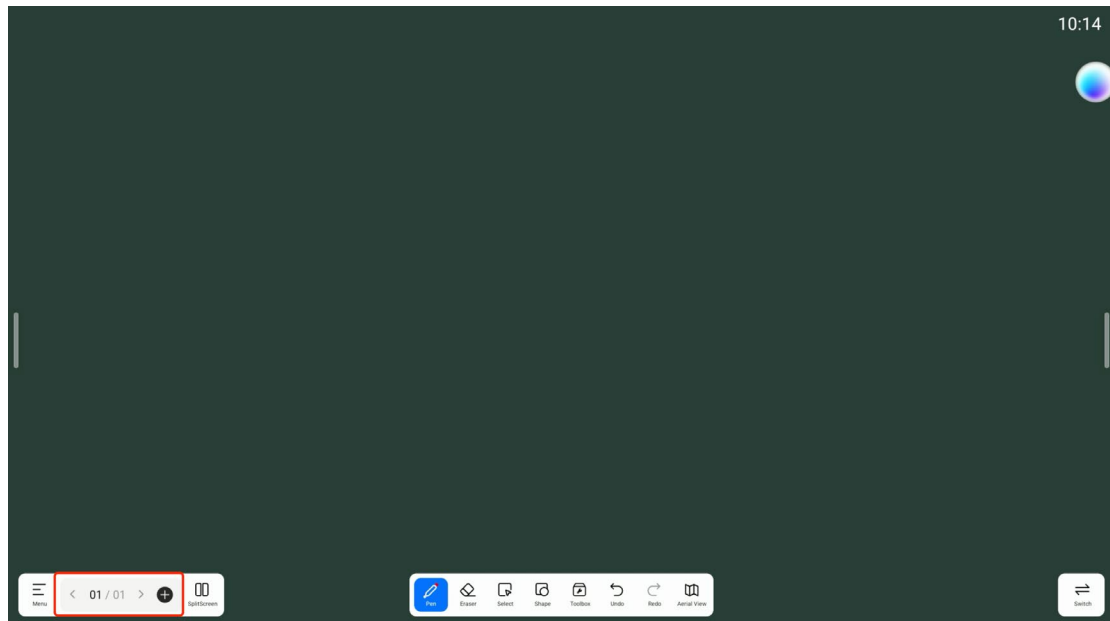
## 2. Preferences

- (1) **Background:** set the whiteboard background color and grid style;
- (2) **Threshold:** adjusting the trigger values for thick and thin pens and gesture eraser;
- (3) **Toolbar:** set the tools displayed in the toolbar, and any tools that are not displayed will be moved to the toolbox;

## 3. Erase Category

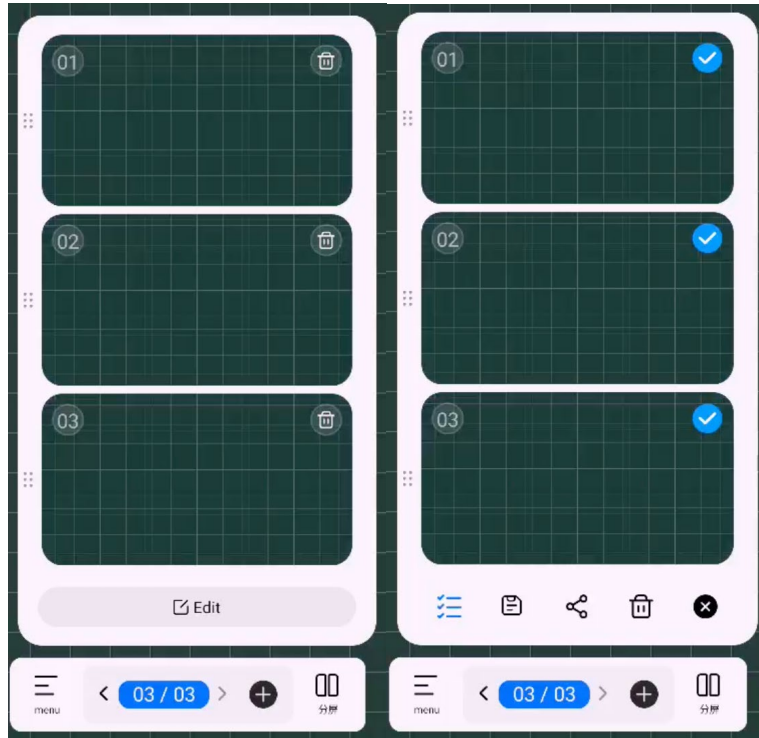
- (1) **Fine erase:** after opening, one finger can be used to erase;
  - (2) **Writing while wiping:** after opening, you can use a gesture eraser while writing;
  - (3) **Rotating erase:** after opening, a real shaped eraser can be used for erasing.
- **Exit:** Click to exit the whiteboard, close the page and process; If the current document is not saved, the user will be prompted to save the file;

## 12.2 Page management



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

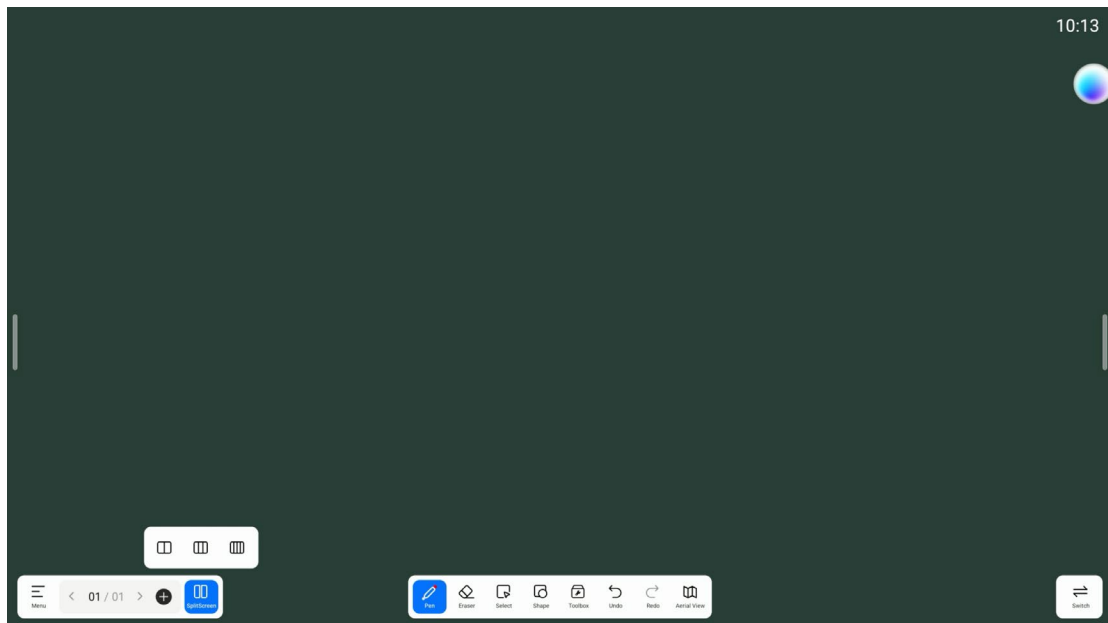
- **Previous page:** Click to switch to the previous page of the current page, when it is already on the first page, it is not clickable;
- **Next page:** click to switch to the next page of the current page, when already on the last page, not clickable;
- **Add page:** Click to add a new page after the current page and jump to the new page display;
- **Current page number:** displayed as "03/03", 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.

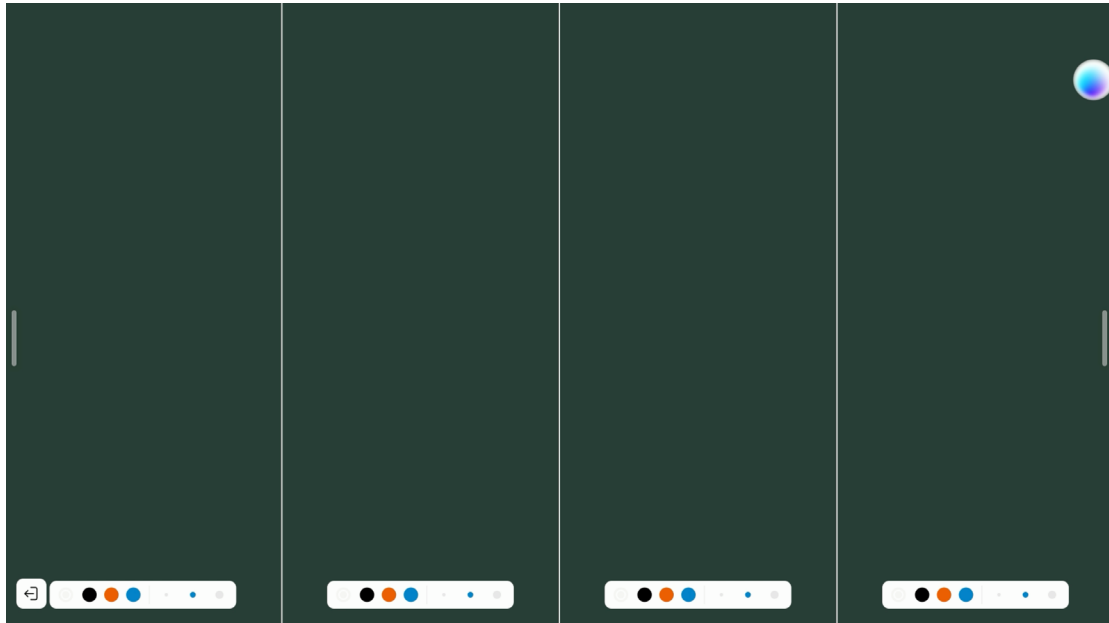


Tap to open the page list, press and hold the left side to drag the page up and down, tap the top right corner of the page to delete the page.  
Tap Edit button to delete all pages or save and share them.

### 12.3 Split screen writing

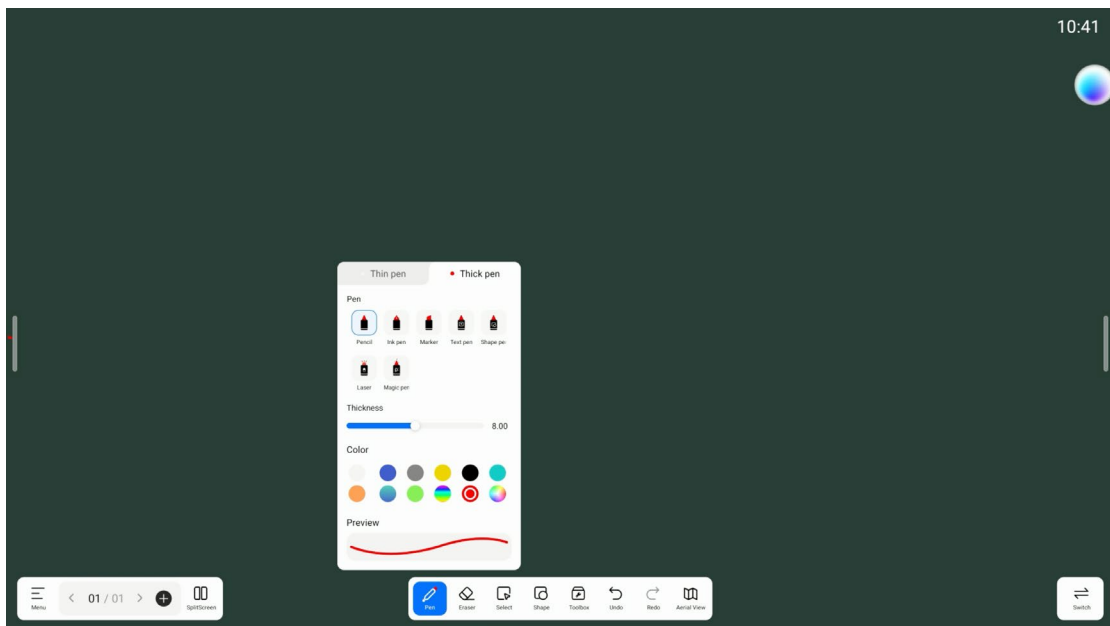
Click split screen writing to choose to divide the whiteboard into two screens, three screens or four screens. After the split screen, each screen can write freely without interference.

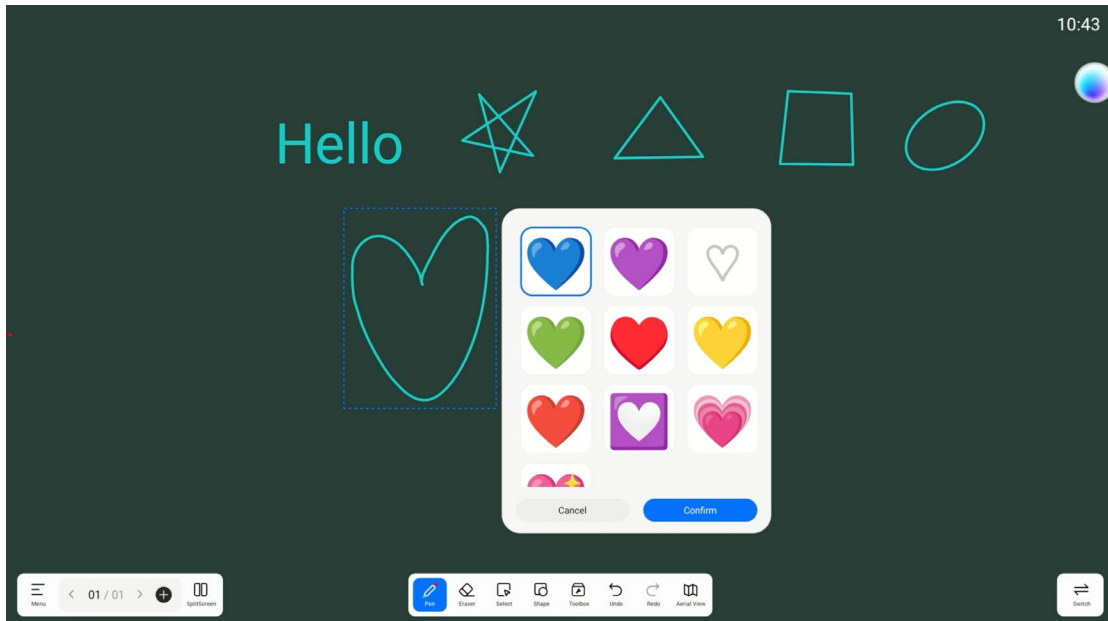




## 12.4 Pen

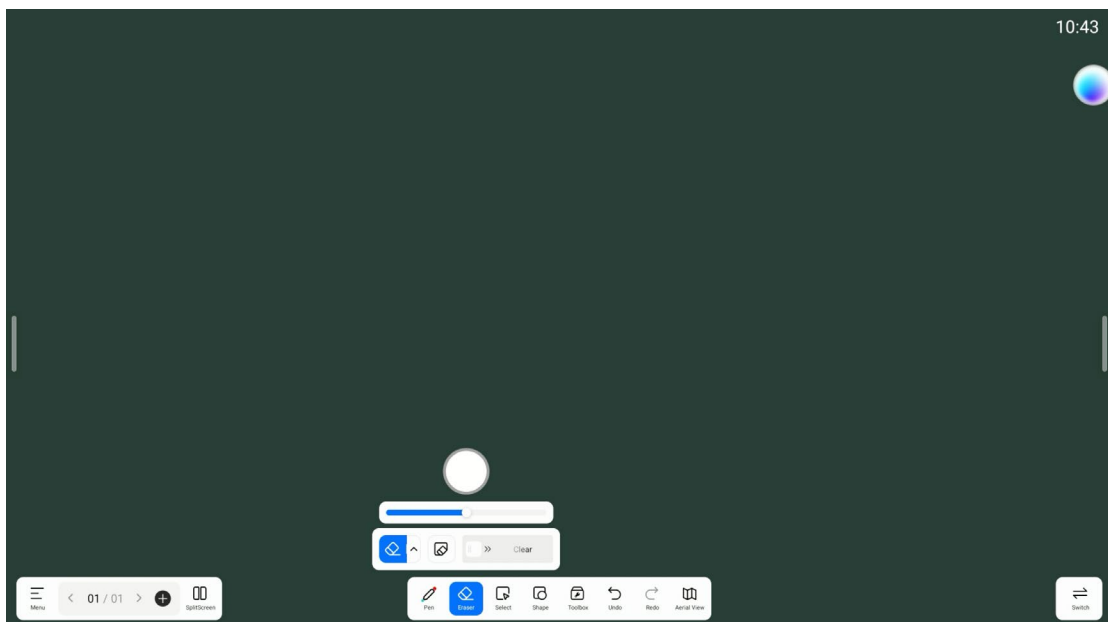
Click the selected brush again to set the stroke size (which can be automatically recognized), the color of the writing, the weight of the writing, and the stroke type. The details are as follows:





- **Pen:** Supports pencil, ink pen, marker, text recognition pen, shape recognition pen, laser pen and magic pen(selecting the magic pen to draw inside the whiteboard will generate colourful graphics for users to choose).
- **Thickness:** support thickness adjustment, the below can be previewed;
- **Colors:** Preset 9 monochrome and 2 gradient colors, click to select, select effective; Also supports user customization, click custom can choose their favorite color;

## 12.5 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:

- **Dot Erase:** You can tap the right arrow to adjust the size of the dot erase;
- **Circle erasing:** Circle selects the belt object to be deleted, and the strokes

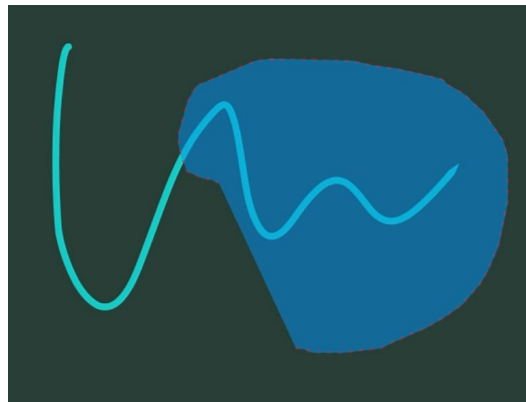
within the circle selection are erased

- **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.

## 12.6 Select

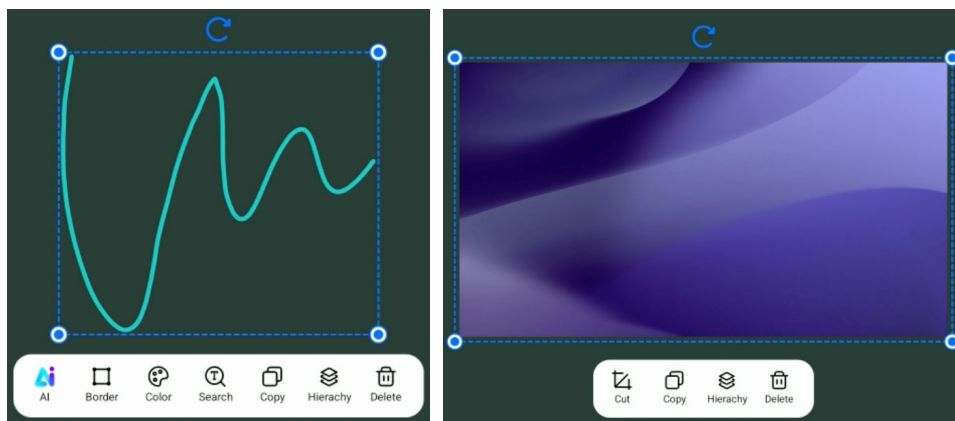
Click the selection button to switch to selection mode. You can select an element by clicking on it or by using a selection box. The selected area can be edited, including zooming in and out, rotating, and adjusting the layer order.

- **Selection box**



For handwriting, you can perform operations such as AI features, border adjustments, color changes, text search (long-pressing the searched image allows you to place the image onto the whiteboard), copy, layer adjustments, and deletion. For other elements, different tools will appear; for example, selecting an image will bring up a cropping function.

- **Selected state**

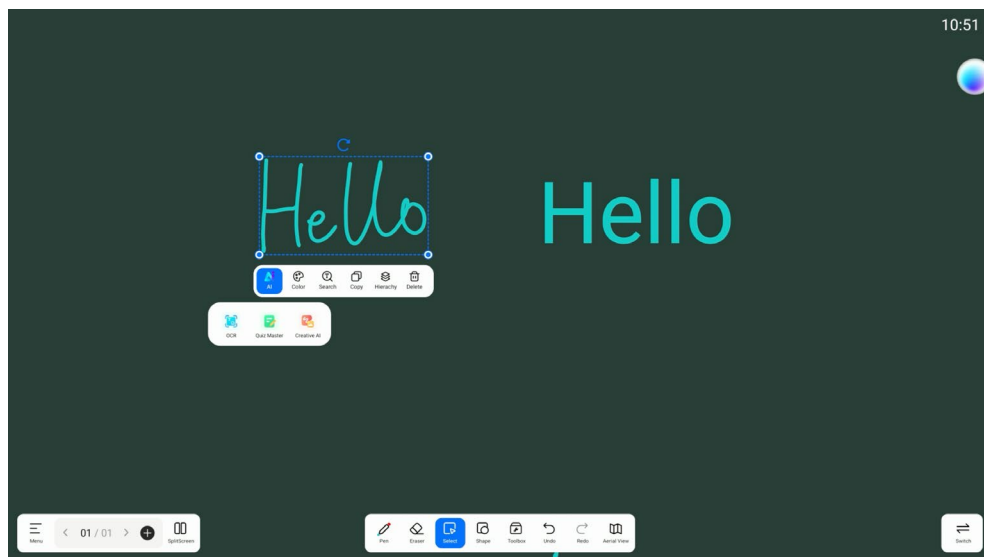


### 12.6.1 DGT Whiteboard AI function pack

#### 1. Optical Character Recognition (OCR)

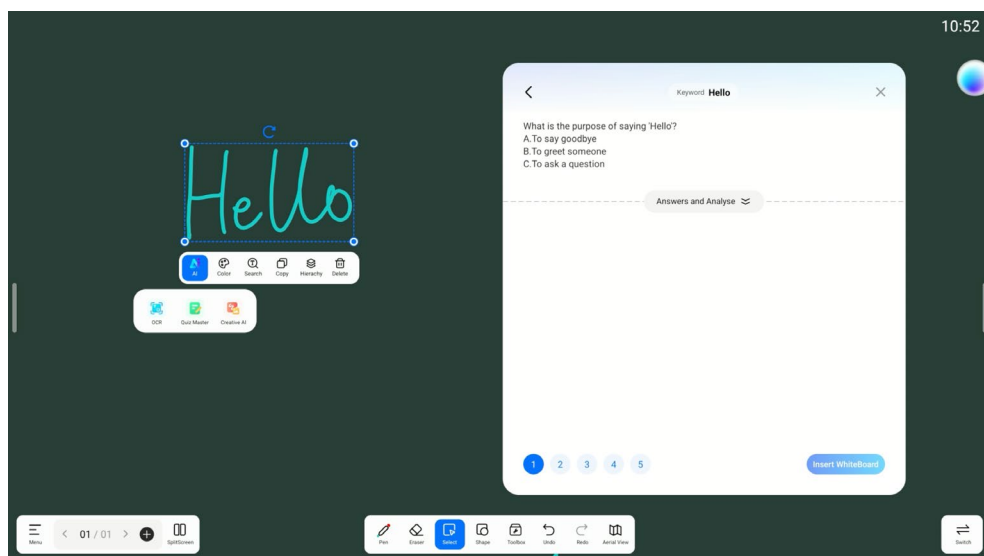
After selecting the handwritten text, click the OCR function, and the original handwriting will be converted into standard font, allowing the text content to be

displayed more clearly to the user.

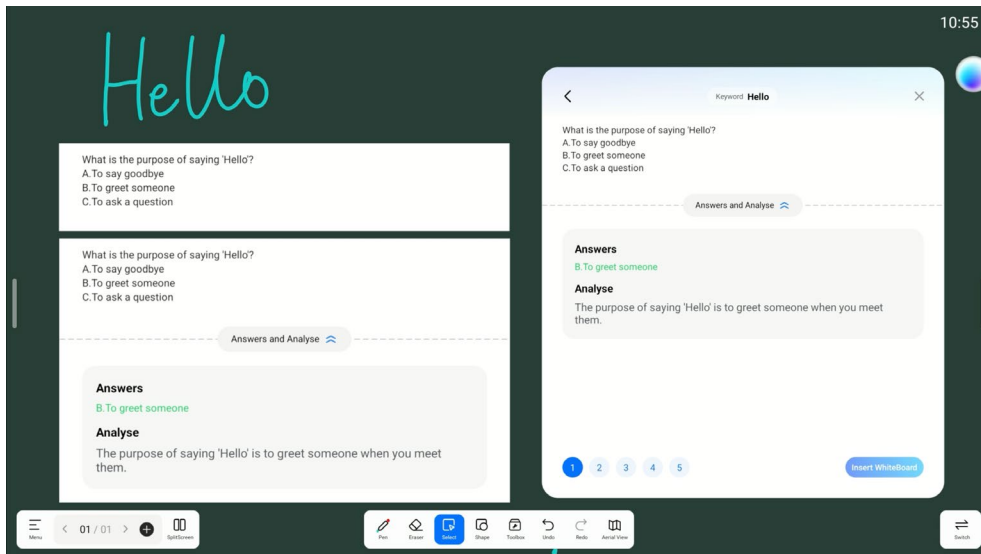


## 2. Quiz Master

After selecting the handwritten text, click on the Quiz Master to choose questions of different grades, categories, and quantities for generating exercises.

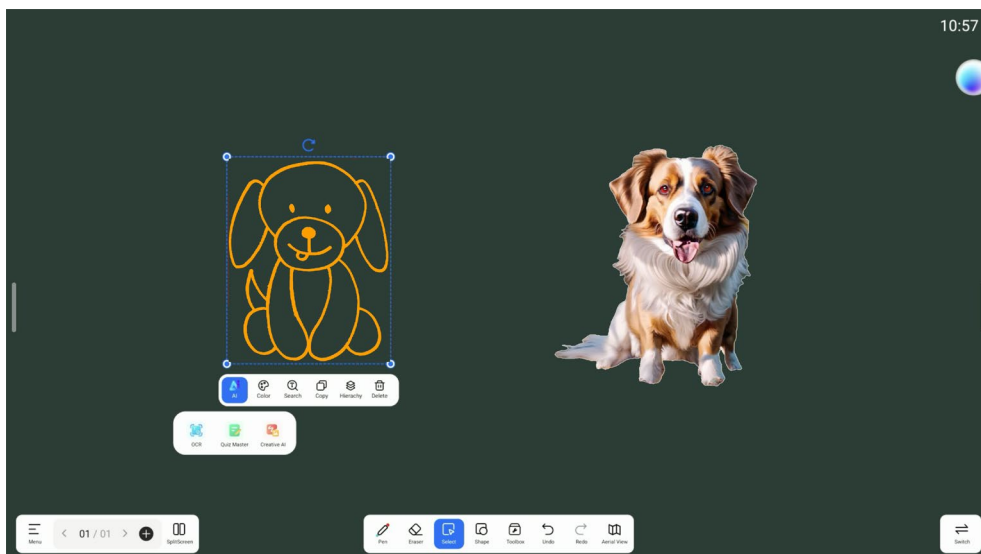


These questions will be generated using the content of the selected handwriting as keywords. Users can click to view the answers and analyses.



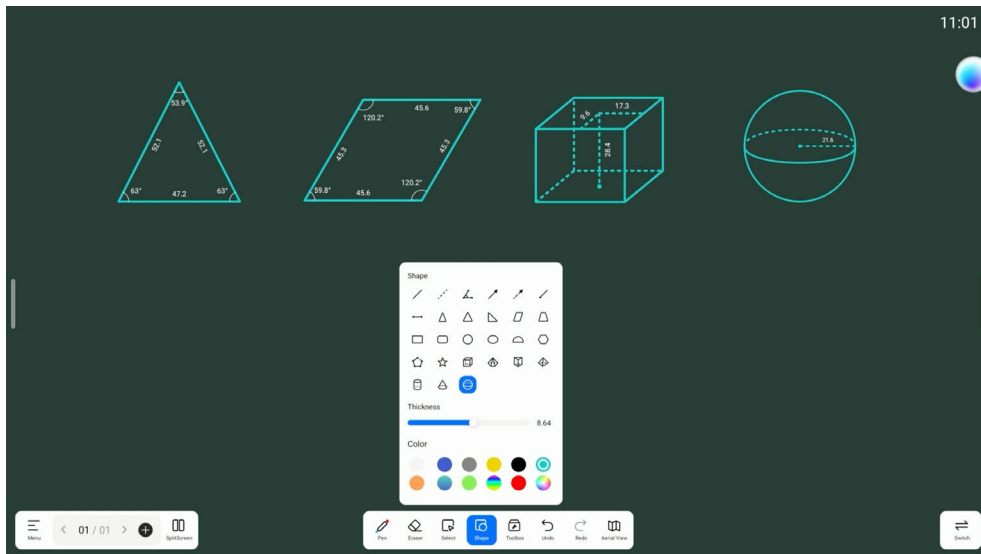
### 3. Creative AI

Whether you choose a sketch or handwriting, click on the Creative AI feature and let AI turn it into a painting.



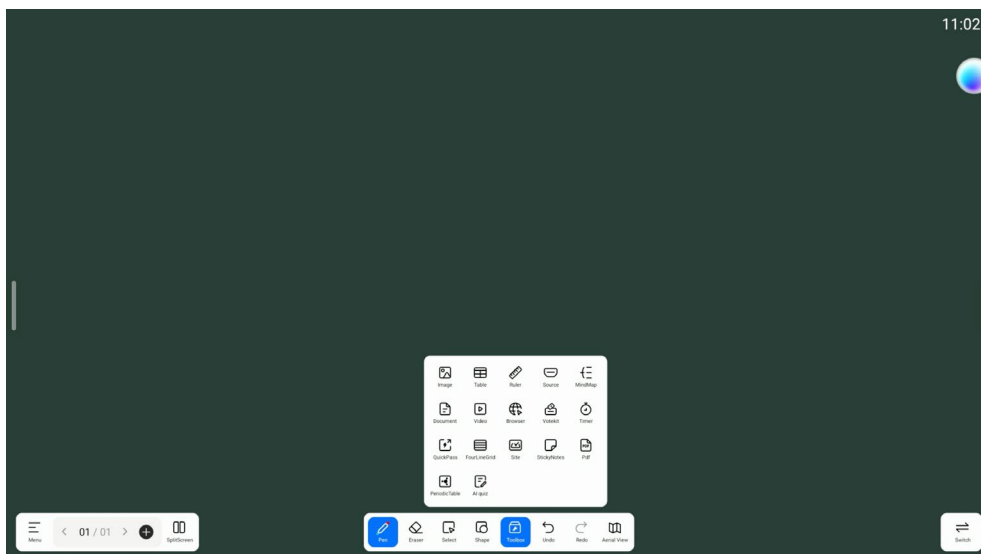
## 12.7 Shape

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



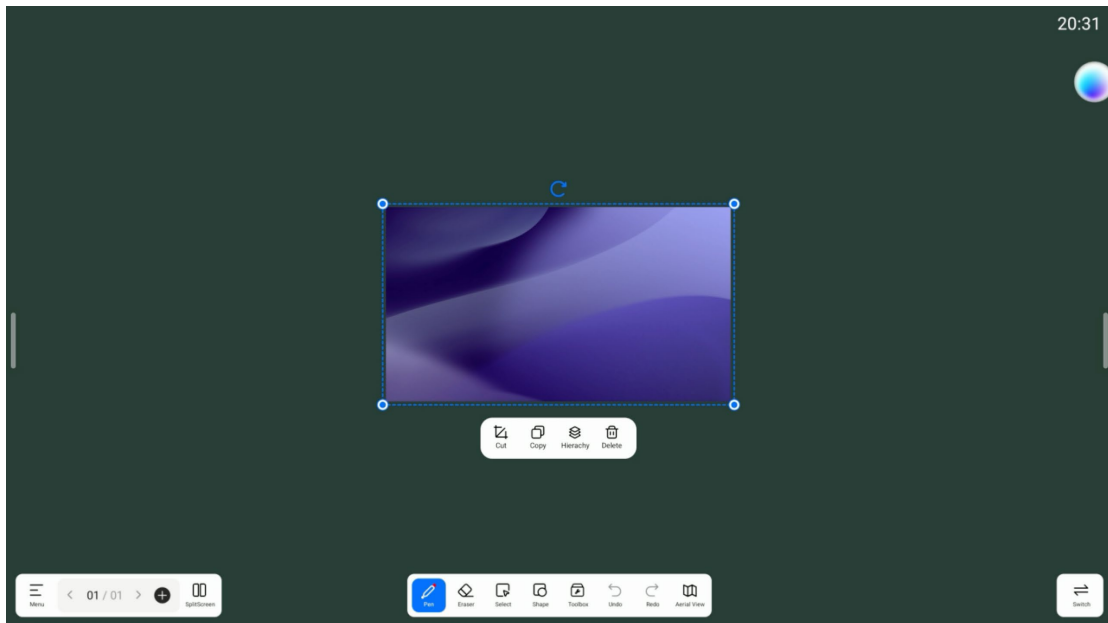
## 12.8 Toolbox

A variety of tools can be inserted into the whiteboard, including images, tables, math tools, signal source, mind maps, documents, videos, browsers, votekit (see 20-Votekit for details), timer, easy upload(see 21-Easy upload for details), camera, four line grid, site, sticky notes.

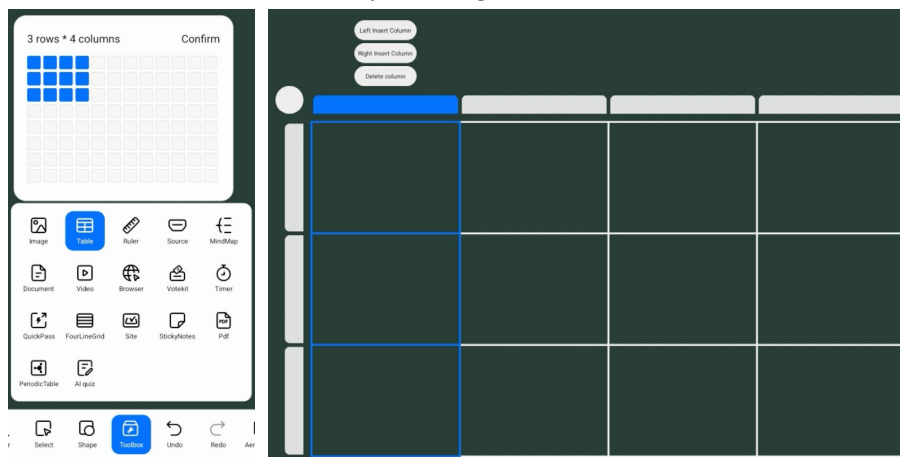


The specific contents are as follows:

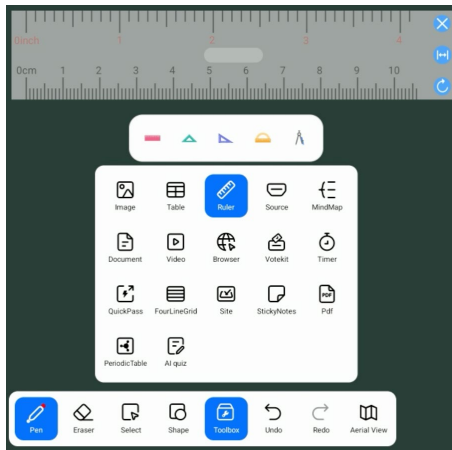
- **Image:** Click Image Insert, you can enter the file manager-picture page; You can select single or multiple (up to 10) pictures and insert them into the whiteboard.



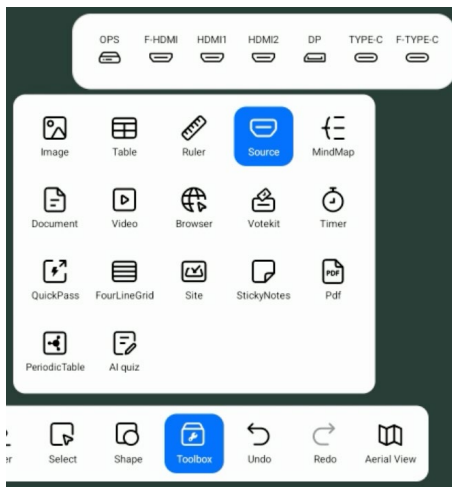
- **Table:** Click the table icon, select the number of rows and columns of the table to be inserted, and click OK to insert the table into the whiteboard. Use the brush tool to input content in the table, the width and height of the table will automatically adapt to the brush size; Using the selection 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.



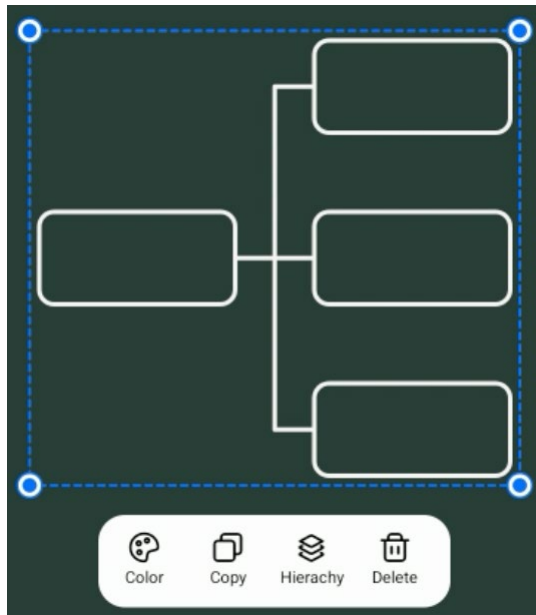
- **Math tools:** After clicking, the ruler, triangle, isoscel triangle, protractor and compass appear, which can be moved, stretched and rotated after being inserted into the whiteboard.



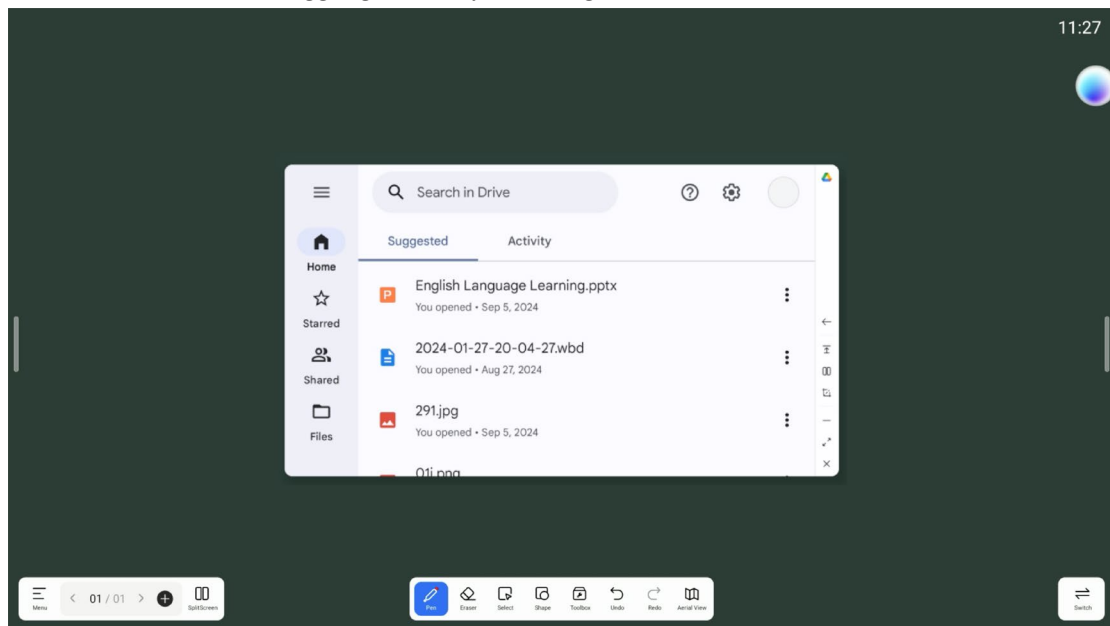
- **Source:** Click the Source to open the screen of different signal sources, and insert the free window in the form of signal sources;



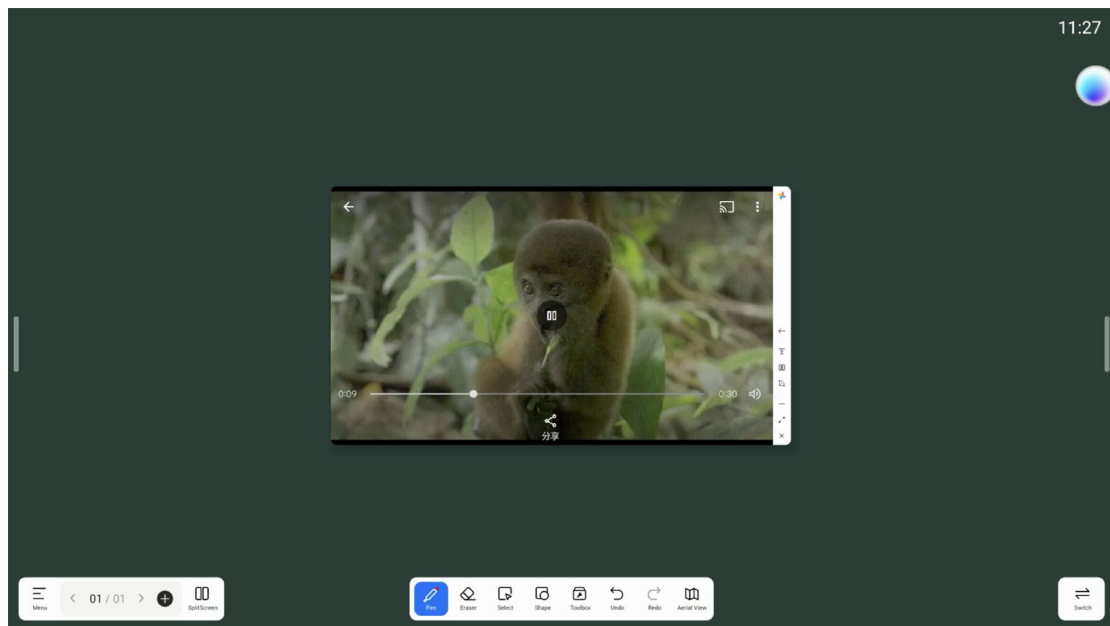
- **Mind map:** Click insert mind map, use the brush tool to input content in the table, the width and height of the table will automatically adapt to the brush size;



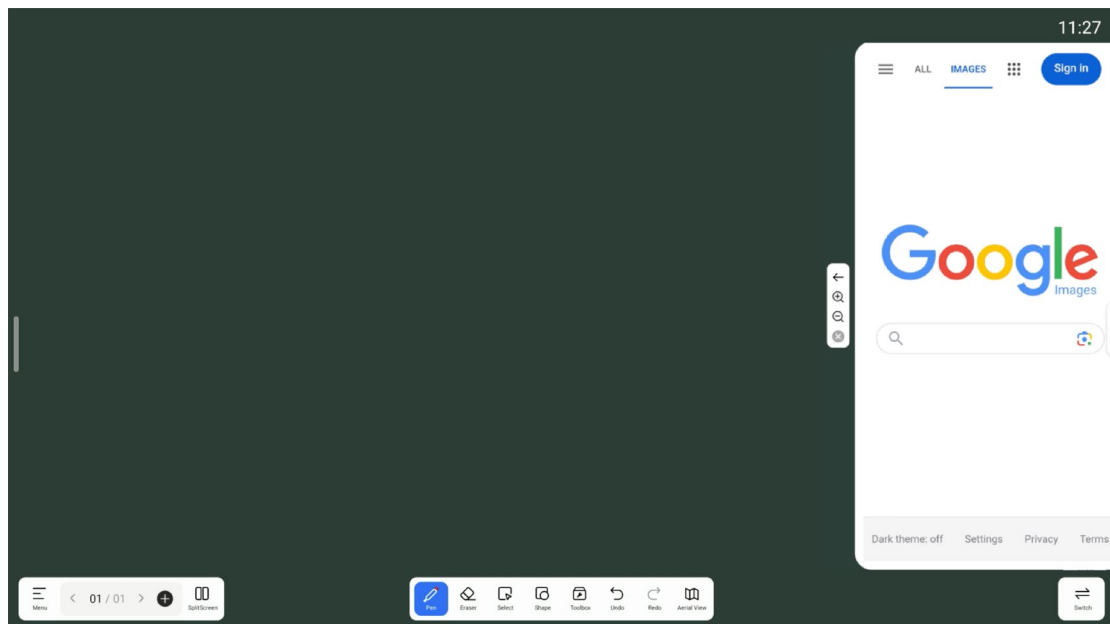
- **Documents:** Click Documents to open the Google Cloud Drive, and you can open any document after logging in to your Google account.



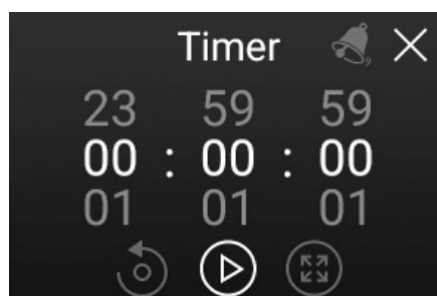
- **Video:** By clicking Video, you can enter the File Manager – Video page, and you can select a video file and place it into the whiteboard as a free window;



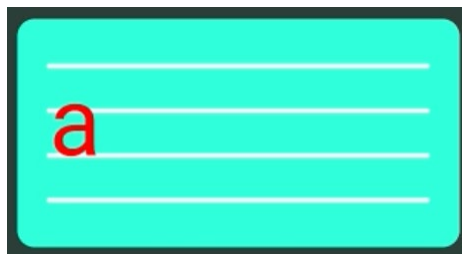
- **Browser:** Click on the right side of the browser window, you can search for relevant information.



- **Timer:** When clicked, stopwatch mode or countdown mode can be set;

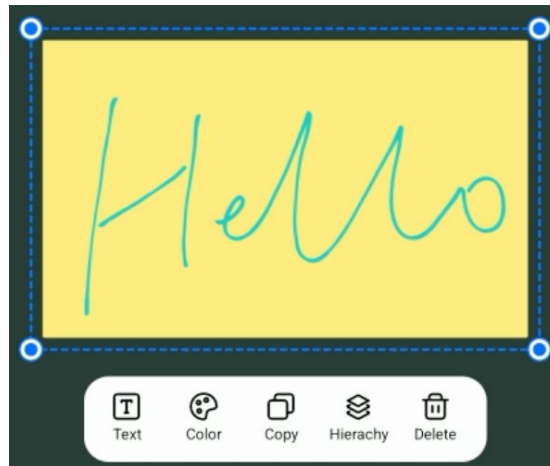


- **Four line grid:** When clicked, a four-line grid appears, which allows standardised writing of English words;



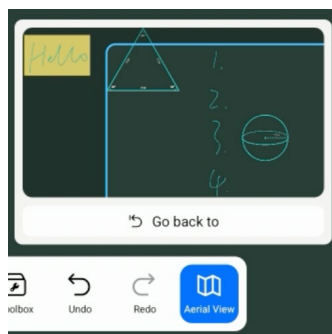
- **Sticky Notes:** Click on the sticky note to appear, you can use the pen to write within the note, the note will adapt to change the size according to the content of the handwriting, and the content of the handwriting follows the movement of the note, and at the same time, click on the text button can be used to enter

the content through the keyboard.



## 12.9 Aerial View

The Aerial View allows you to see exactly where the current view is located within the whiteboard, and the view can be moved directly by pressing and holding the blue frame within the Aerial View or by directly clicking on different areas of the Aerial View. Click [Back to] to adjust the view to the view before entering the Aerial View.



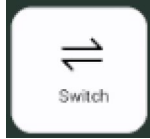
## 12.10 Undo and Redo



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

## 12.11 Switch layout

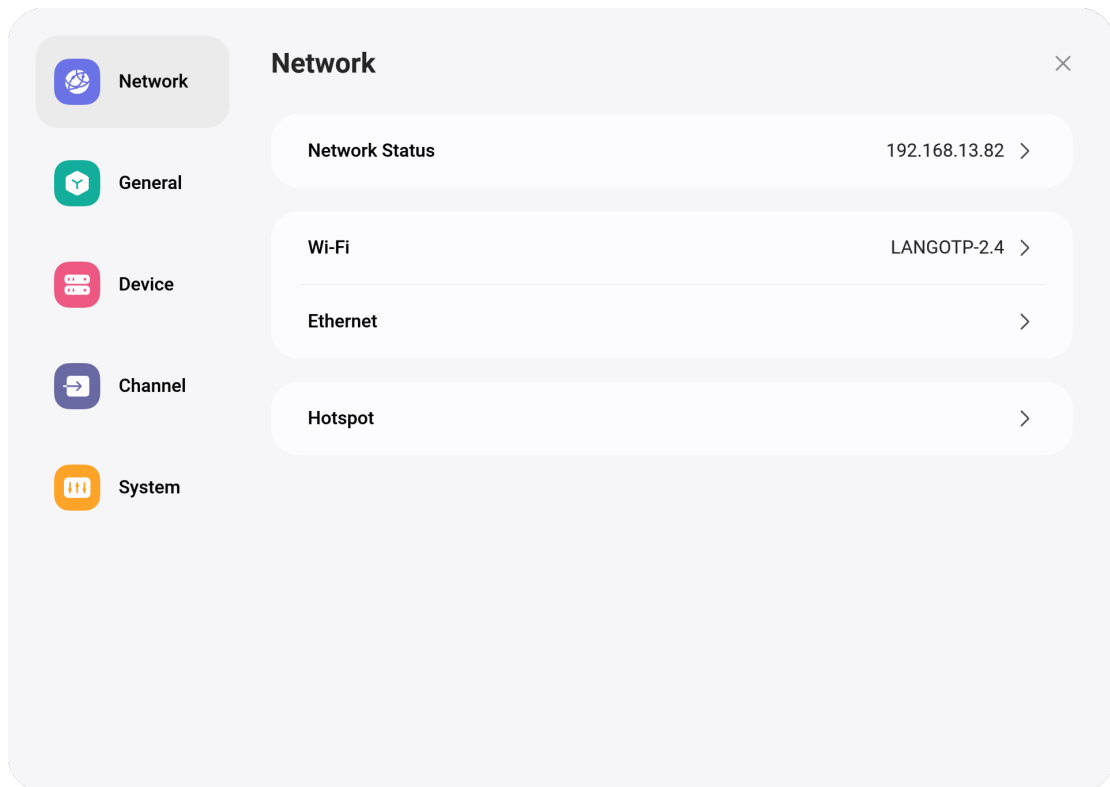
Click to switch the layout of the whiteboard menu and the operation part of the whiteboard page, which is used to adapt to the switch of the position of the presenter.



## 13 System Settings

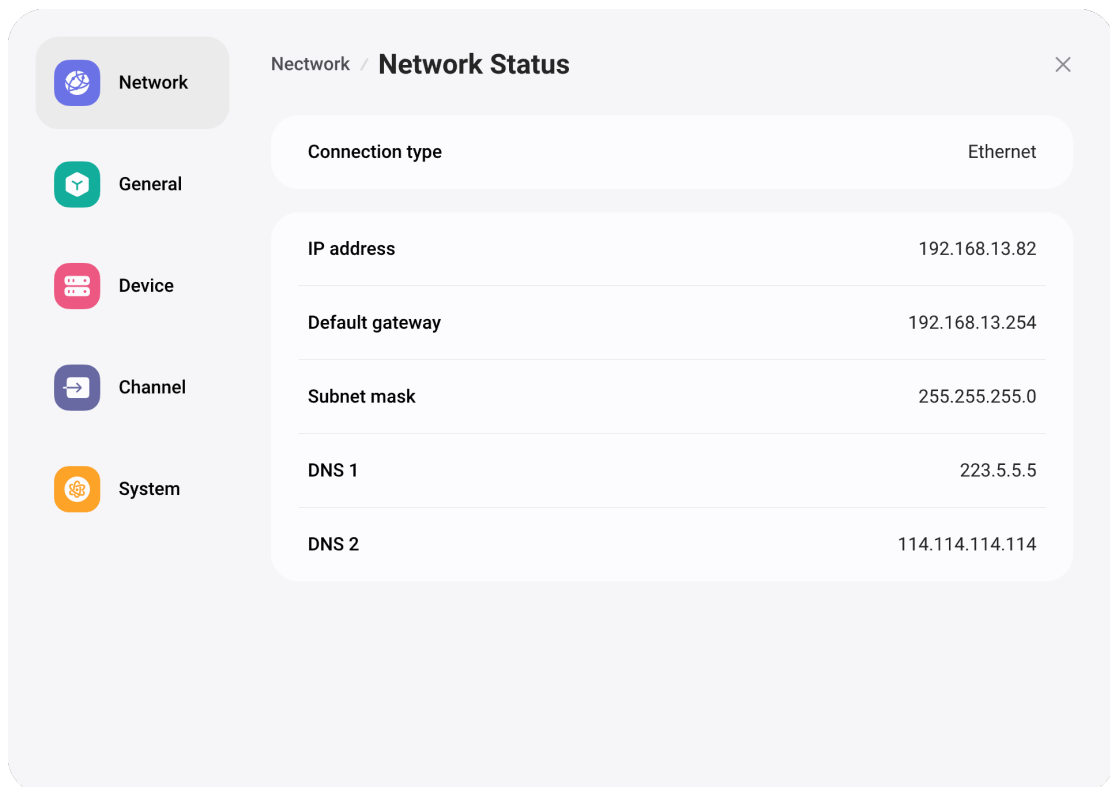
### 13.1 Network

Preview the current device network information, such as network status, Wi-Fi, wired network and hotspot information, click to go to the next level page to view detailed information or adjust the network and hotspot.



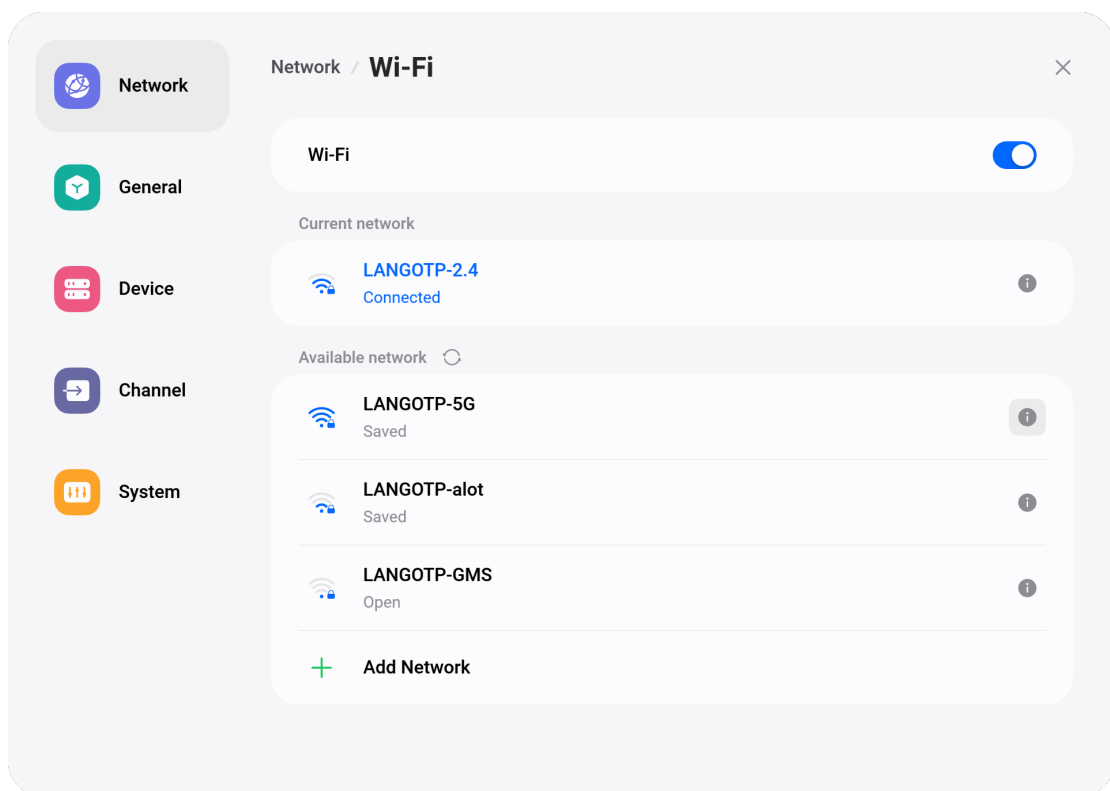
- Network status

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



- **Wi-Fi**

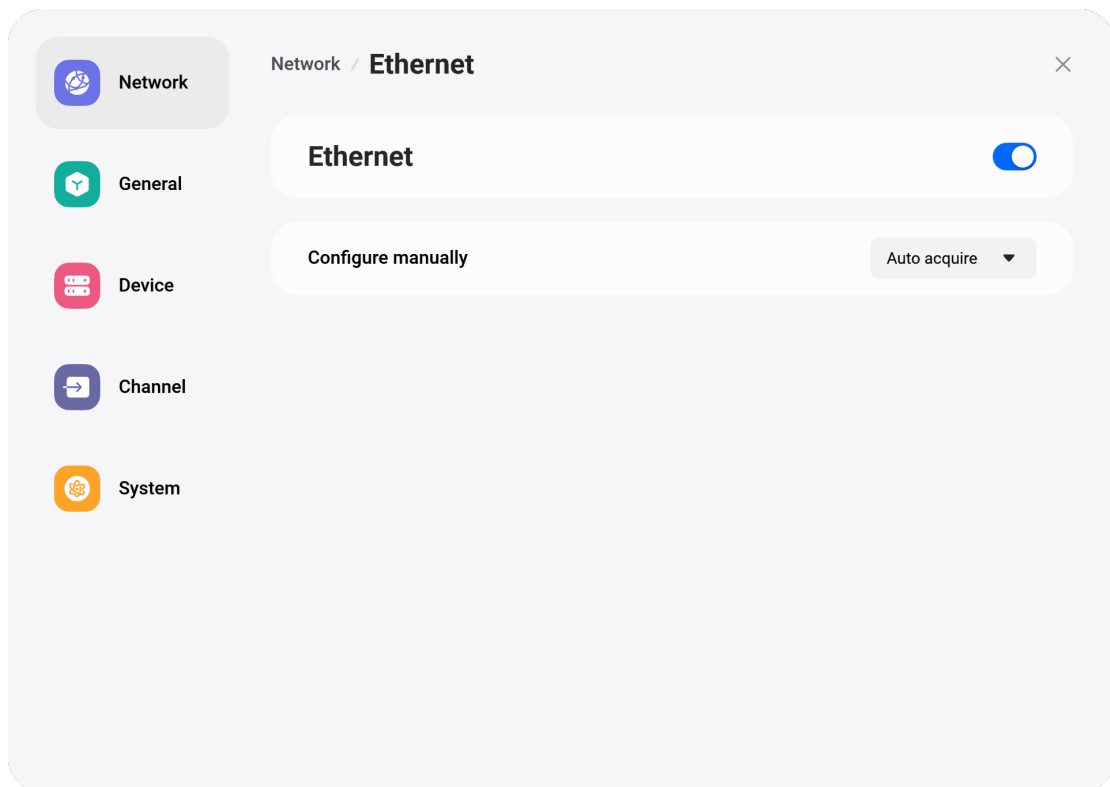
- (1) **Switch:** Click to turn the WLAN network on and off;
- (2) **Refresh:** Click the refresh icon to the right of [Available Networks] to refresh the network list;
- (3) **Add:** Click the Add icon at the bottom to fill in the network name and password to add hidden networks;
- (4) **Connect:**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



- **Ethernet**

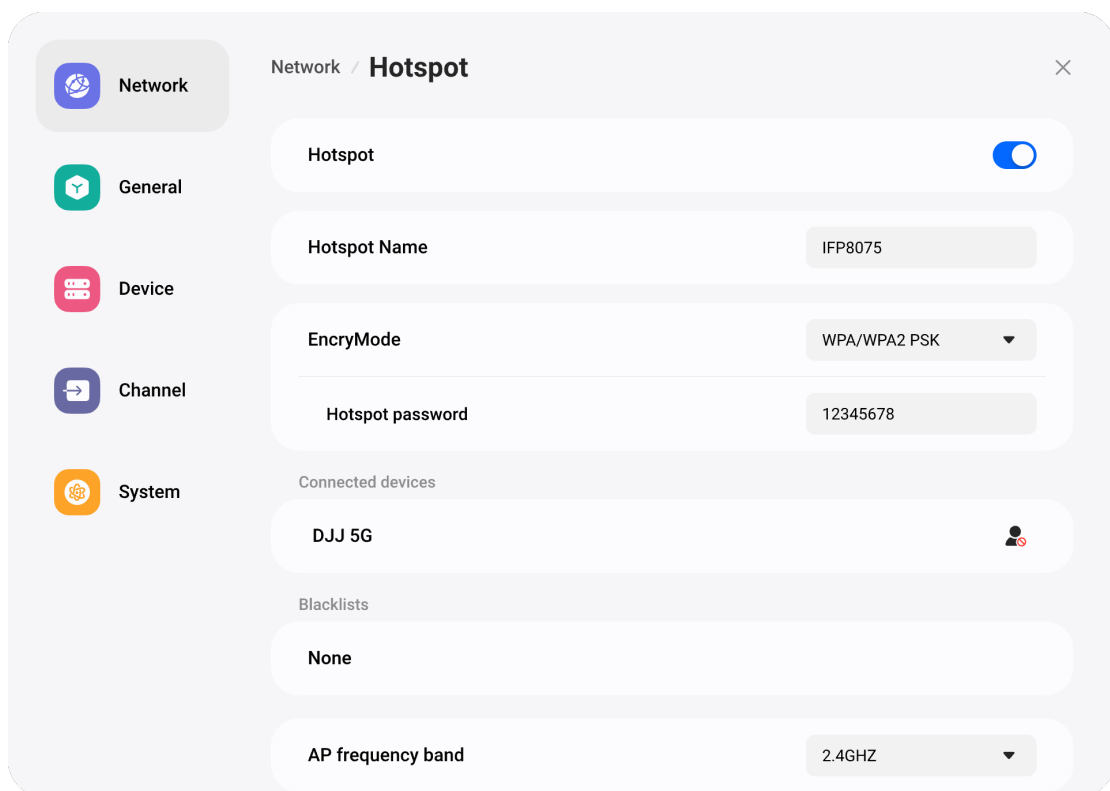
Enable ethernet and show the Acquire IP address.

- (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.



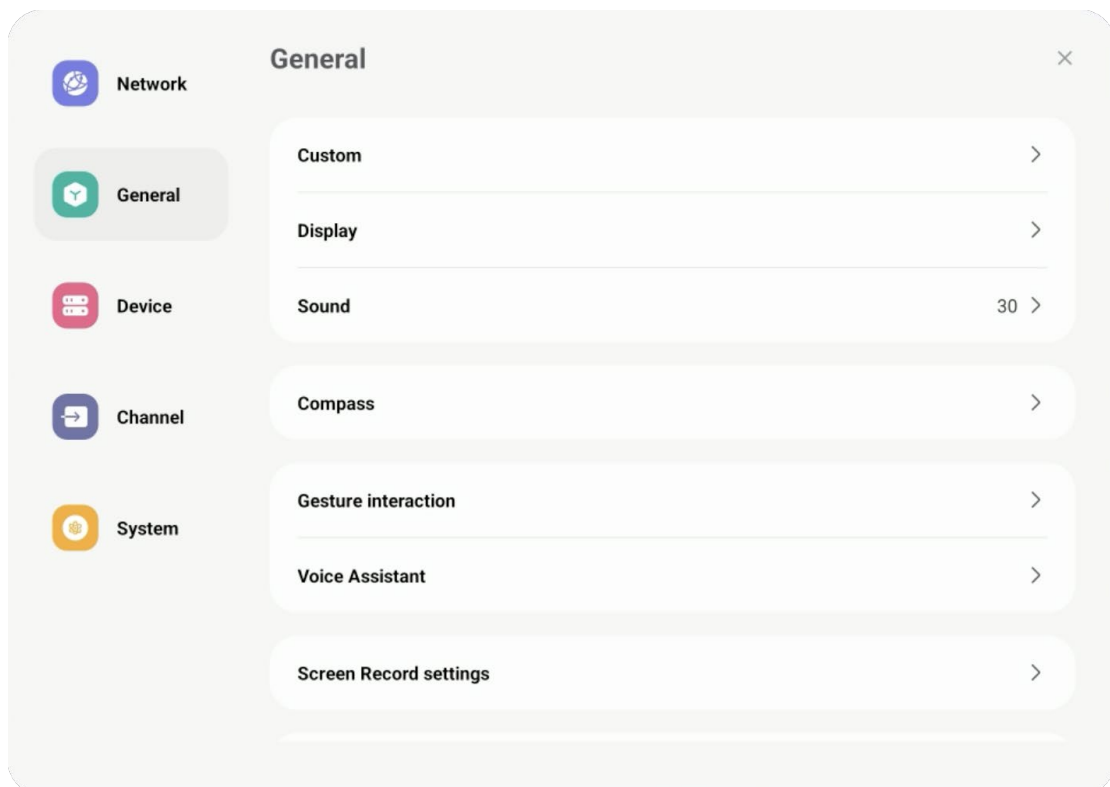
- Hotspot

- (1) **Hotspot Name:** click to modify the hotspot name;
- (2) **Encryption method:** displays the current encryption method;
- (3) **Hotspot password:** displays the current hotspot password;
- (4) **Connected devices:** displays 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;



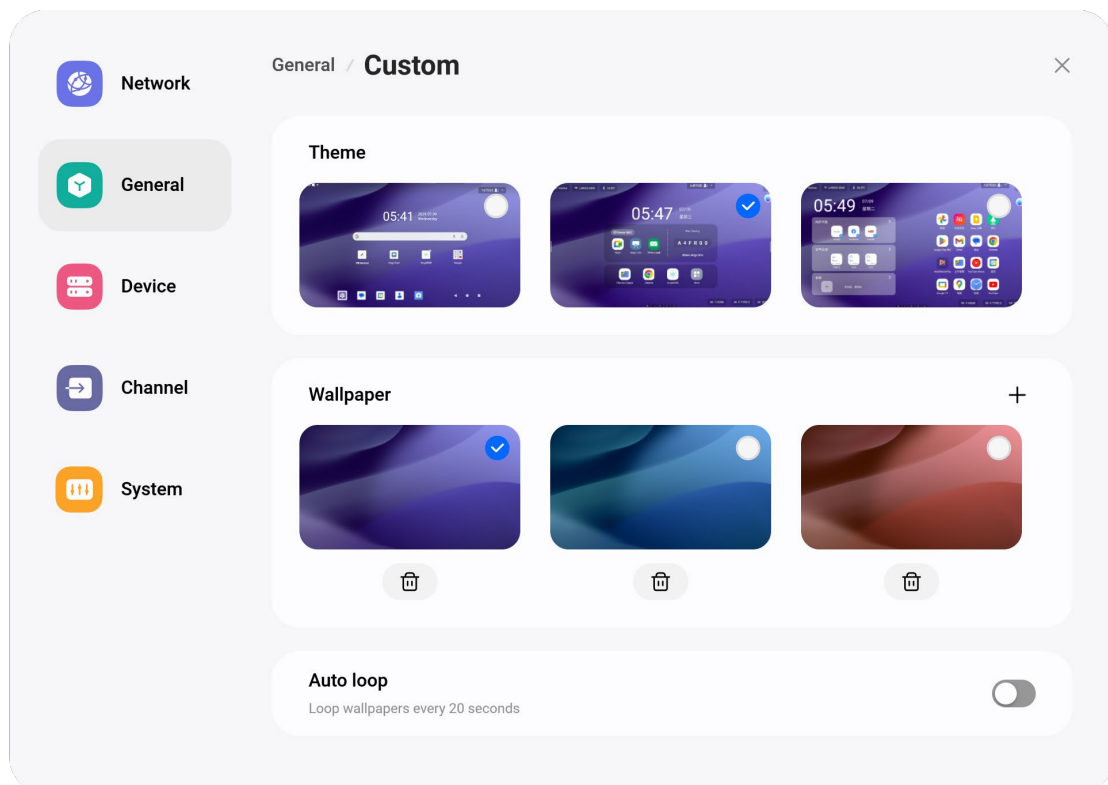
## 13.2 General

- (1) Displays the custom, display, sound, compass, gesture interaction, voice assistant and screen recording settings, tap to go to the next interface.
- (2) Stroke Annotation Mode: When Stroke Annotation Mode is turned on, you can use the pen to touch the IFPD to enter the annotation mode directly; if this mode is turned off, you need to enter the annotation mode from the compass or the sidebar.



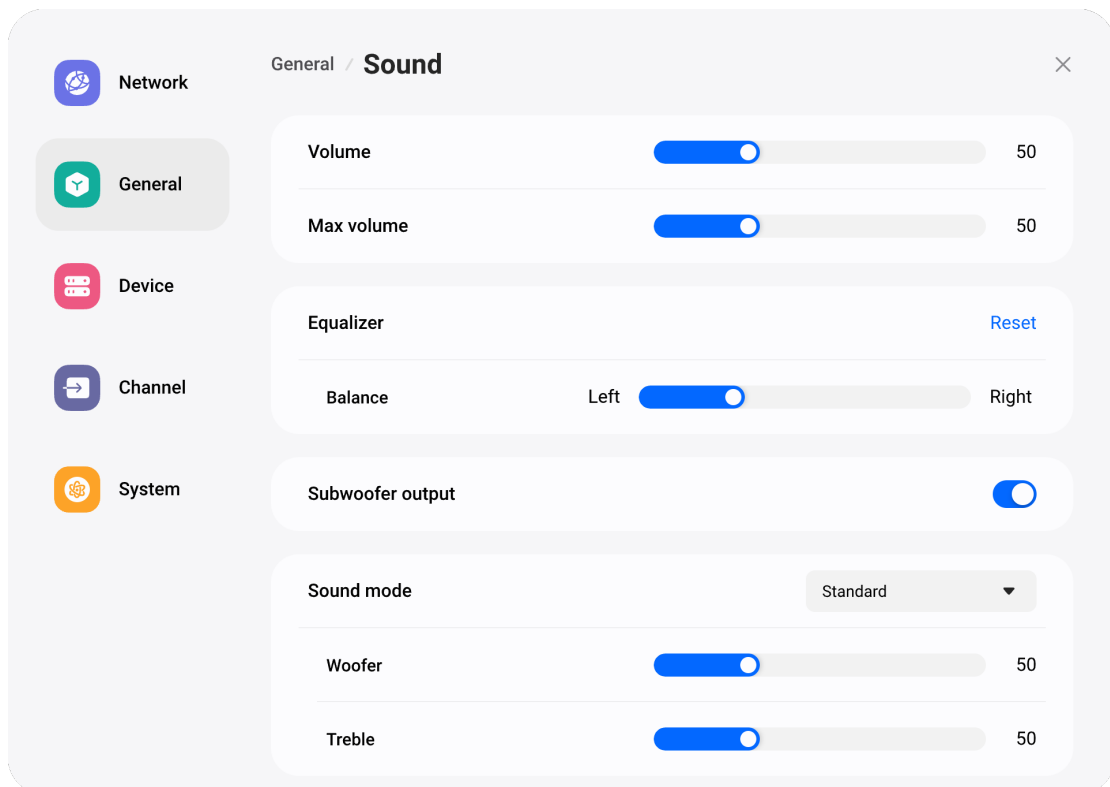
- **Custom**

- (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 loop:** 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) **Equalizer:** Can adjust the left and right channel sound balance, click 'Reset' on the right side to reset the volume balance value;
- (4) **Subwoofer output:** Subwoofer output can be switched off or on;
- (5) **Sound mode:** standard, conference room, cinema, classroom four sound modes, also support user customization;

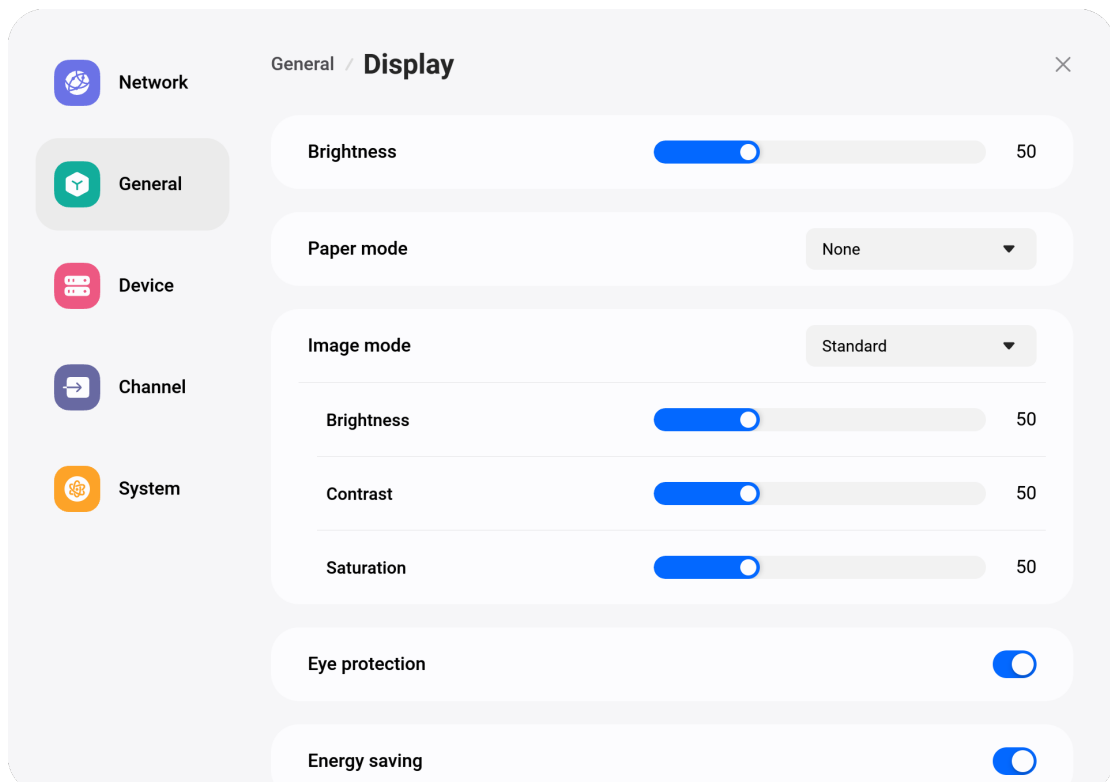


- **Display**

- (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 **Brightness, Contrast** and **Saturation**.
- (5) **Eye protection mode switch:** can turn on or off eye protection mode;
- (6) **Energy saving switch:** can turn on or off energy saving.

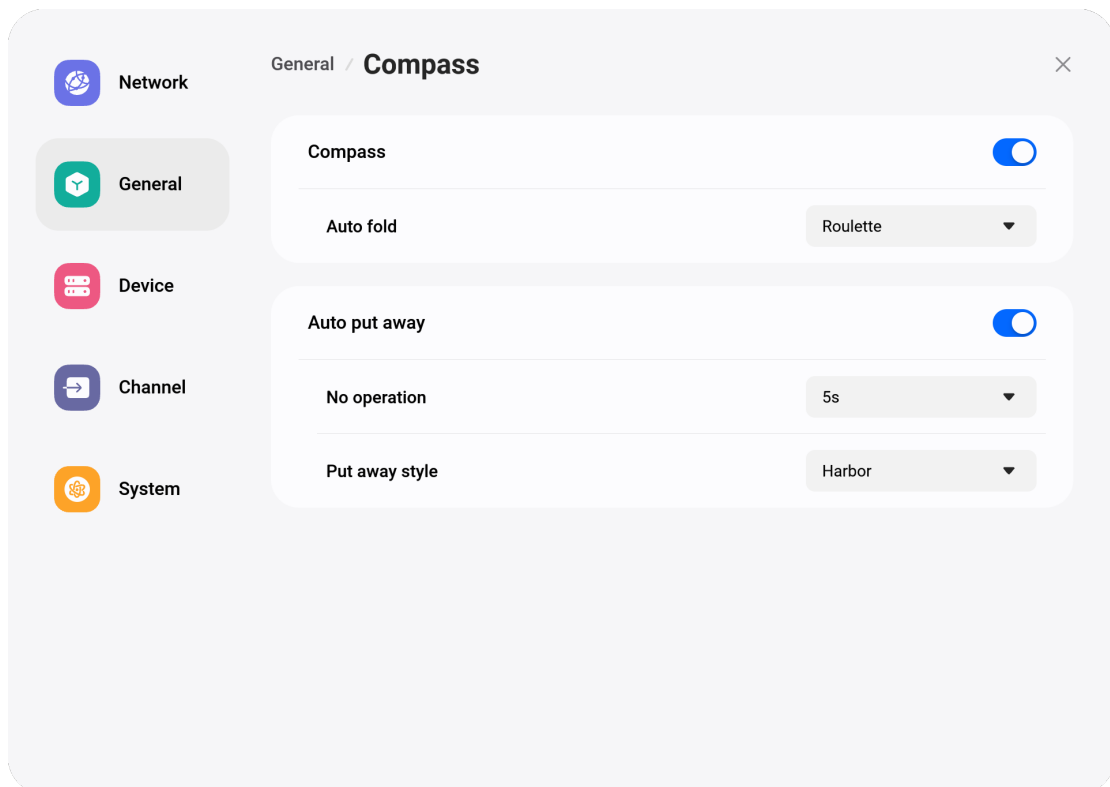


- **Compass**

- (1) **Compass switch:** When it is turned on, you can adjust the compass expansion style,

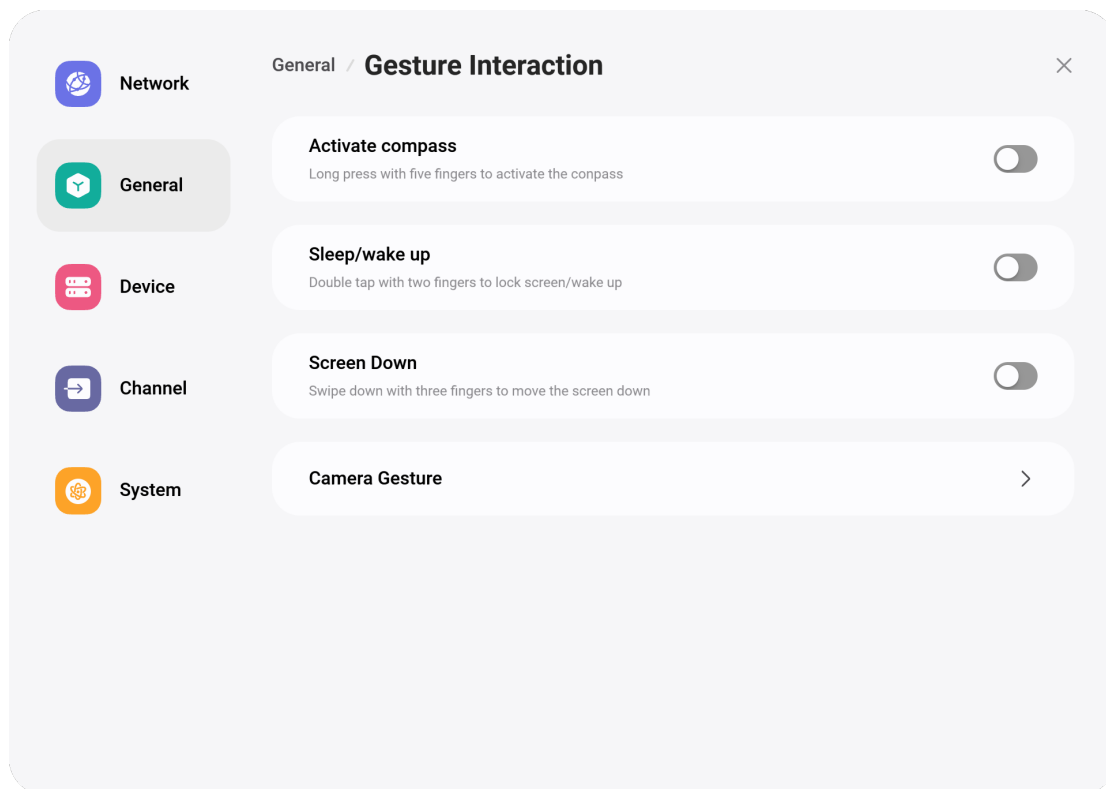
supporting both wheel and list forms. ( The compass can't be recalled by five-finger gesture under the off state );

- (2) Auto retract switch: when it is on, you can set the corresponding retract time and adjust the retract style. The style includes 'Hide' and 'Circle', if you choose 'Hide', the compass will disappear directly when it is put away, it will not be shown on the screen, you need to recall it by gesture; if you choose 'Circle', the compass will only be surrounded by the tools when it is closed, and the circle in the centre will be retained, you can click it to open it.



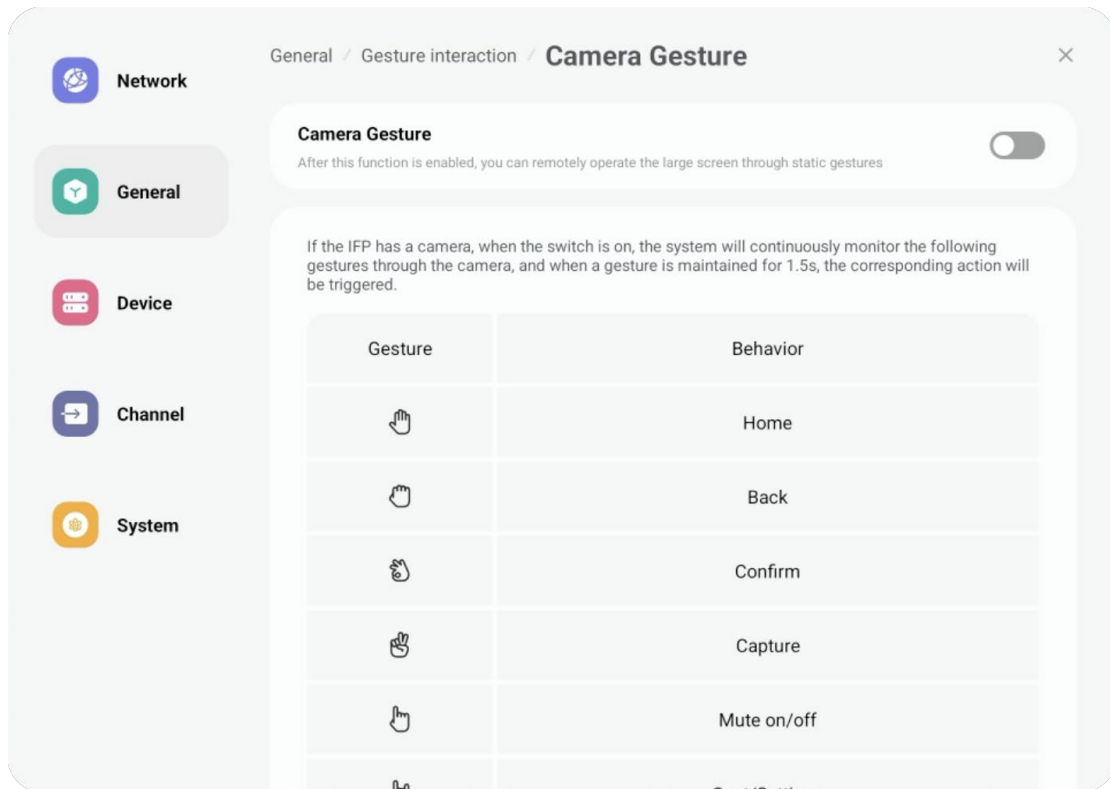
- Gesture interaction:

- (1) **Activate compass:** Once switched on, press and hold your five fingers on the large screen to bring up the compass (the compass needs to be enabled on this screen);
- (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;
- (4) **Camera Gesture:** Tap to go to the next interface for details.



- **Camera Gesture:**

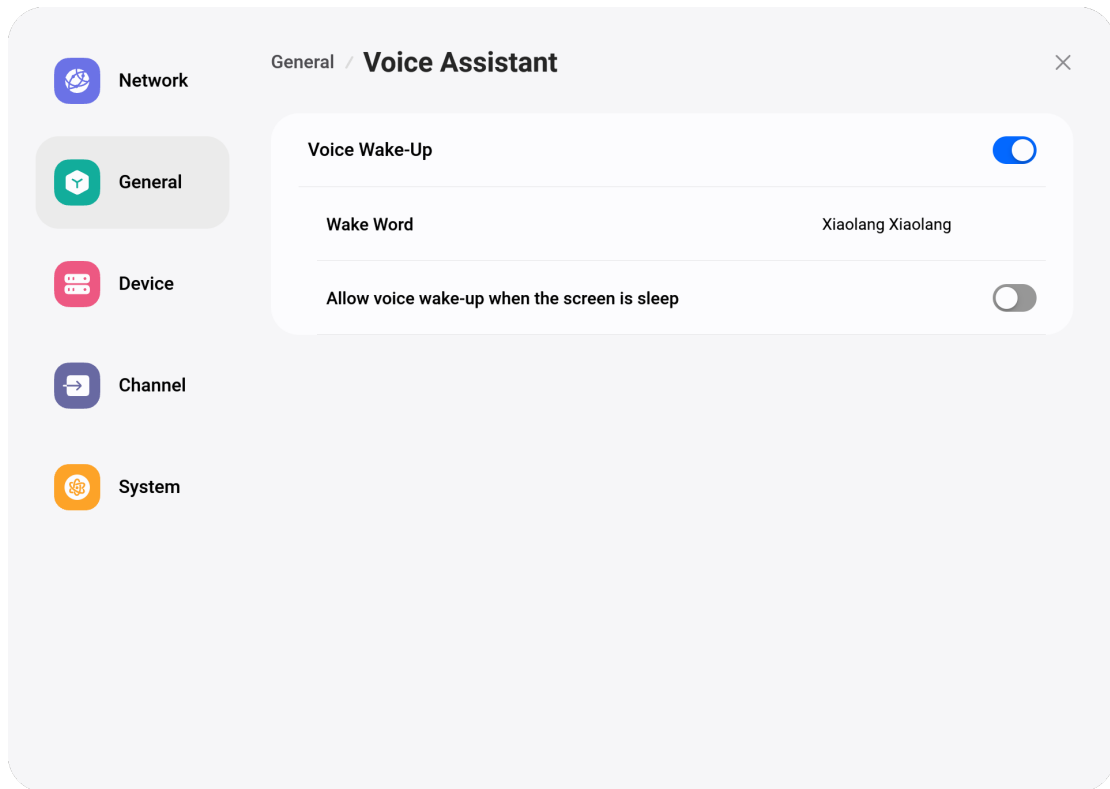
If the IFP is equipped with a camera, when the switch is on, the system will continuously monitor the following gestures via the camera, and when a certain gesture is maintained for 1.5s, the corresponding action will be triggered.



\* Camera gestures are an experimental feature and are likely to lead to random misuse. We recommend turning off camera gestures when they are not needed.

- **Voice Assistant:**

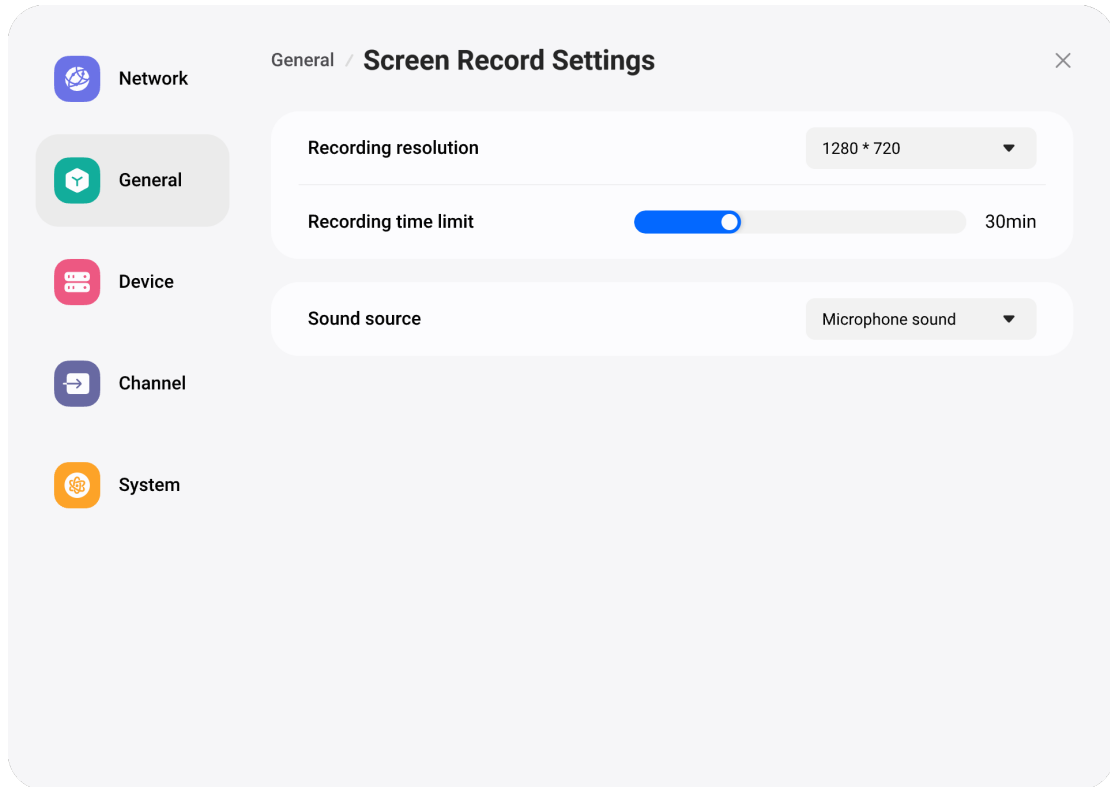
After enabling voice wake-up, you can activate the voice assistant by saying the wake word 'Xiao Lang Xiao Lang,' even when the screen is sleep.



- **Screen Record Settings:**

- (1) **Screen record resolution:** provides two resolution sizes to choose from, 1280\*720 and 1920\*1080;

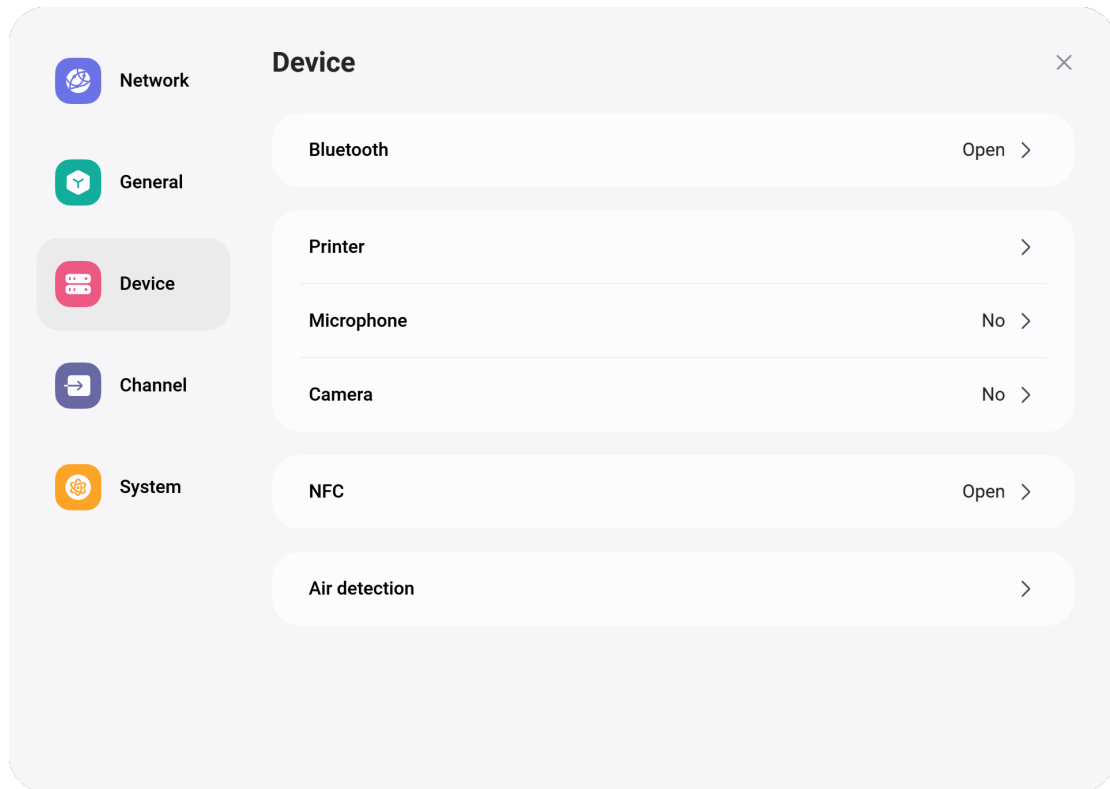
- (2) **Sound source:** Set the sound source of the recording screen mix
- (3) **Screen record time limit:** the maximum recording time, when the limit of recording time is reached, it will prompt to save;



### 13.3 Device

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

equipment;

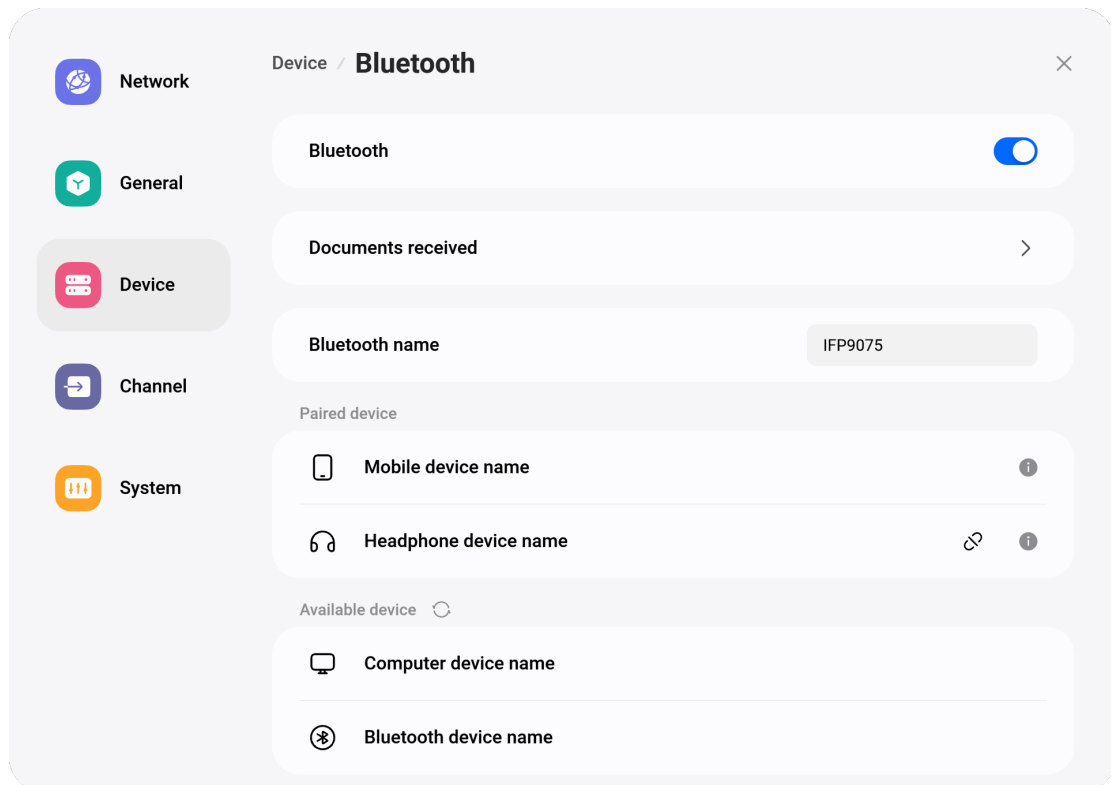


- **Bluetooth**

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)

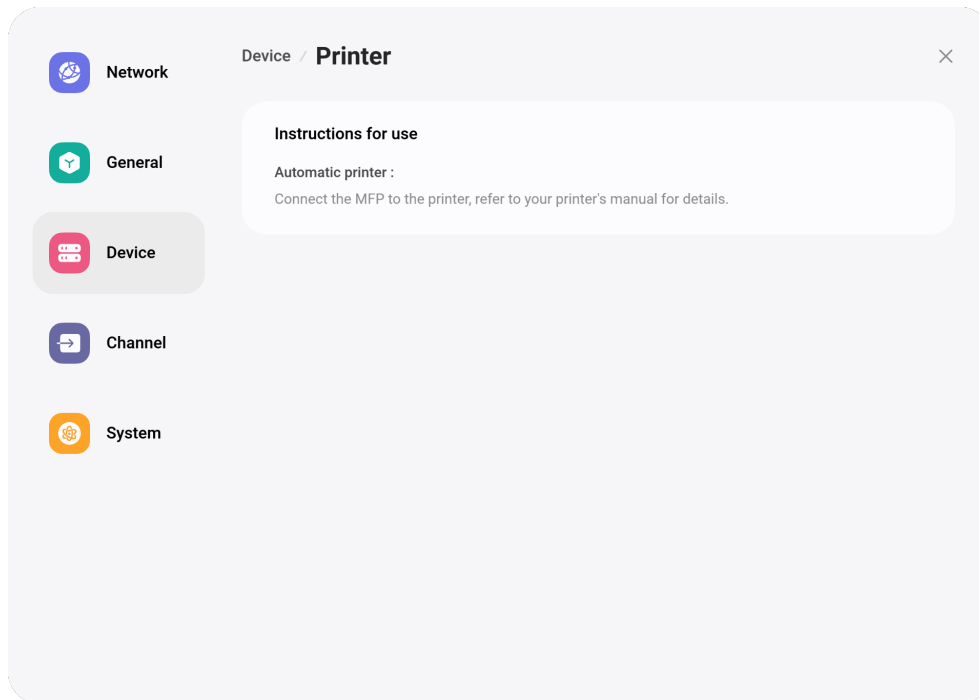
- (1) **File received:** Click to open the folder and store the history received files;
- (2) **Bluetooth name:** the name can be modified;
- (3) **Paired device:** Display currently paired device;
- (4) **Available devices:** display devices with Bluetooth enabled in a certain area;



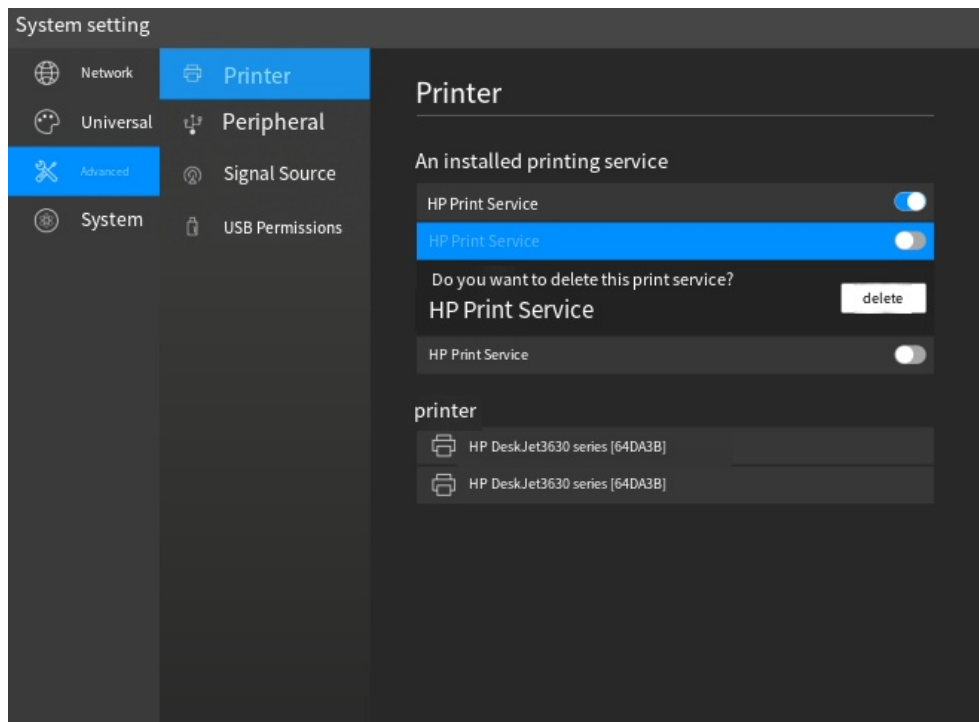
\*Bluetooth function is supported according to the actual model configuration

- **Printer**

- (1) Install printing services according to the instructions;

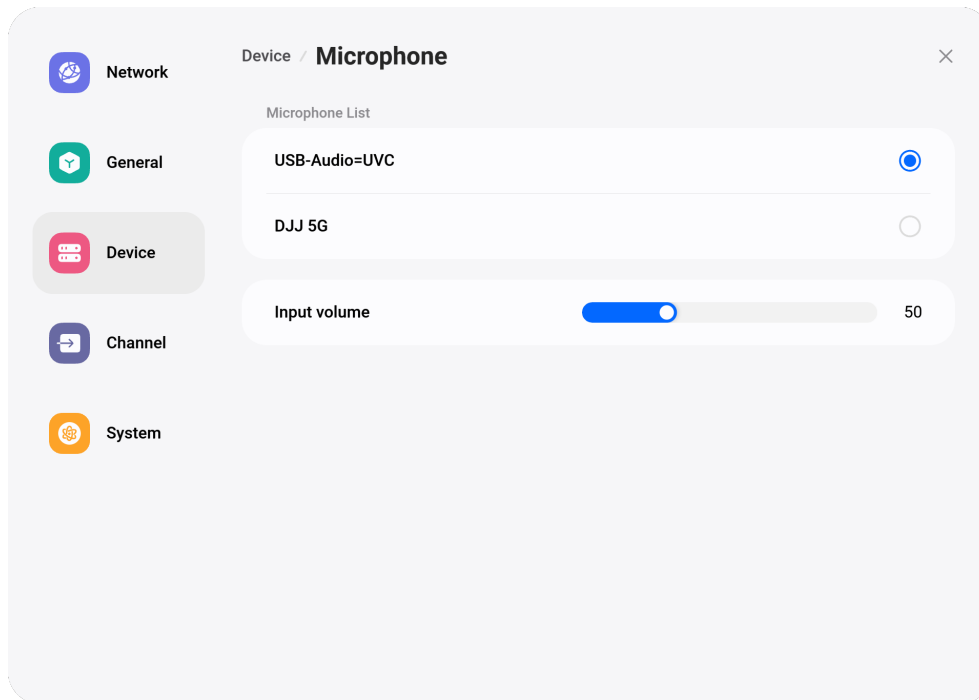


(2) Enable print services to get available printer terminals.



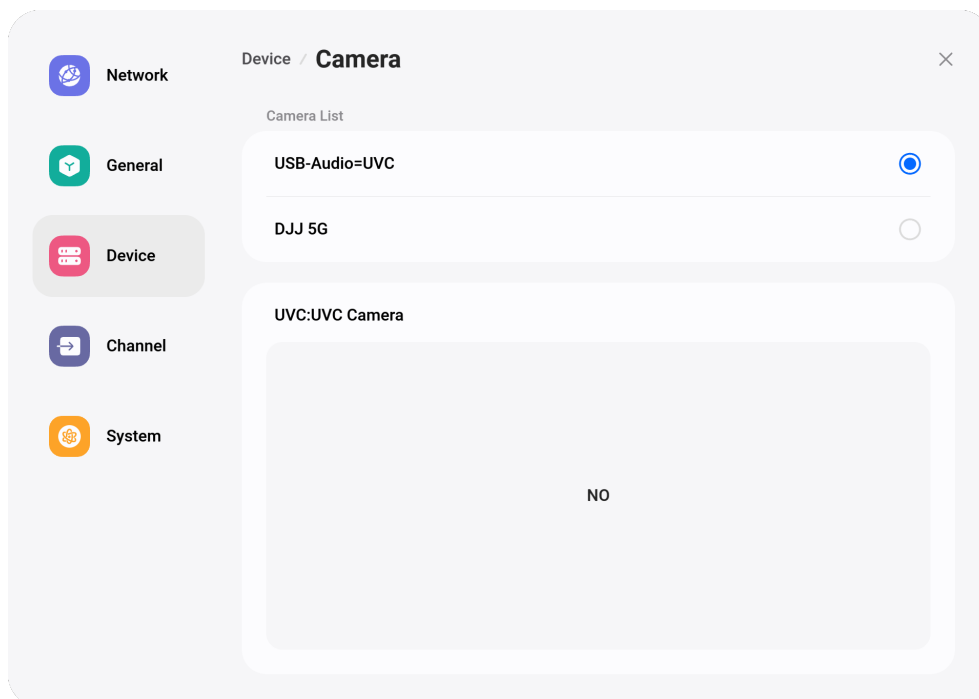
- **Microphone**

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



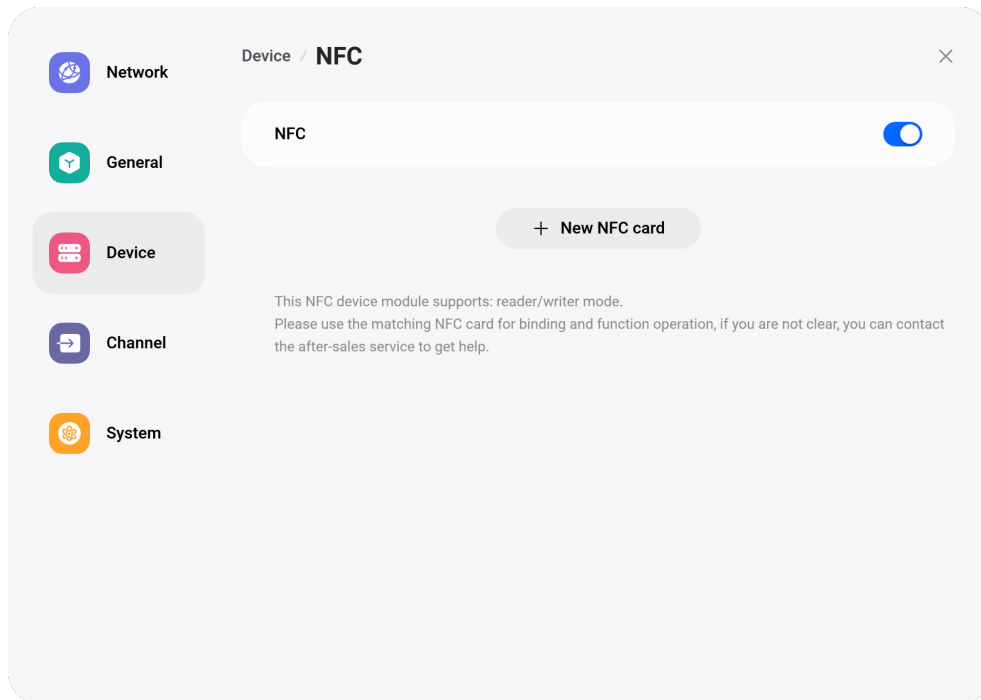
- **Camera**

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



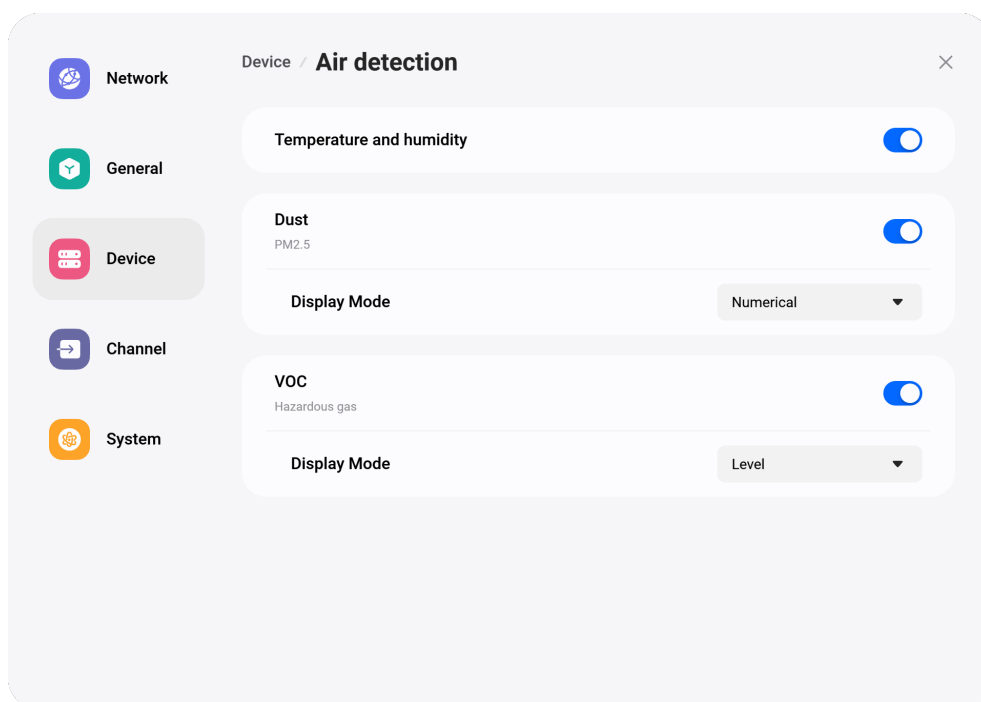
- **NFC**

NFC module that turns the machine on or off.



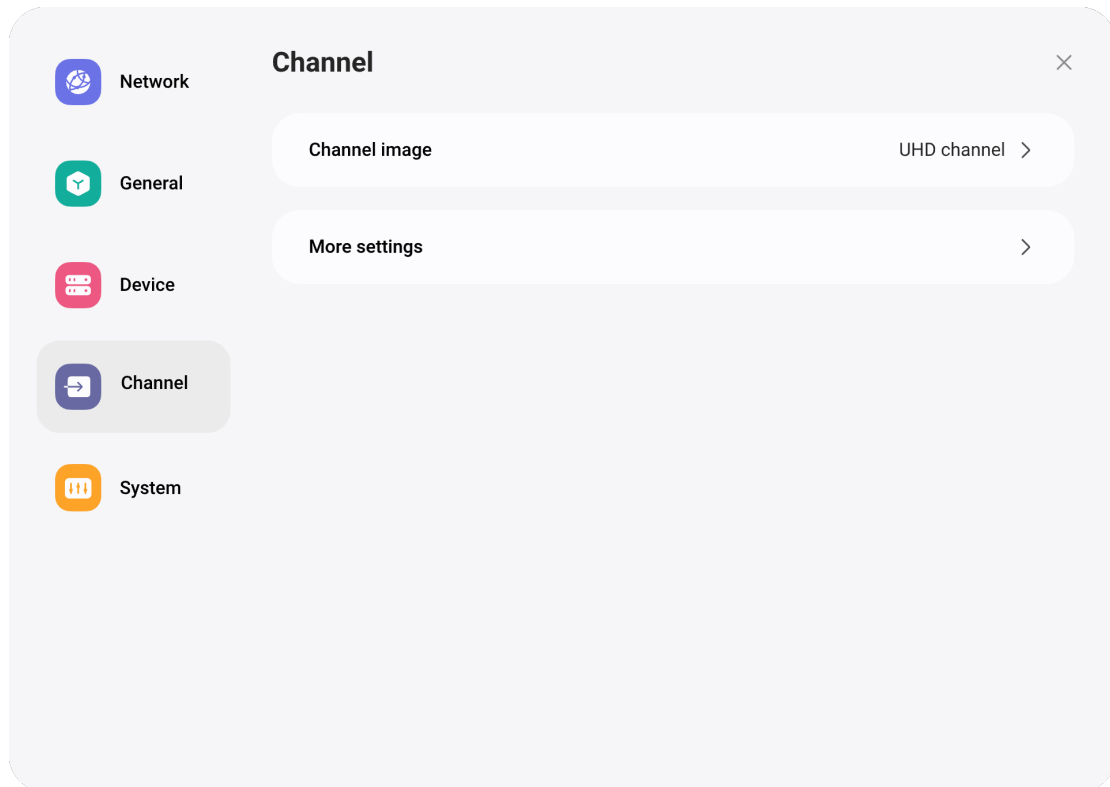
- **Air detection**

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



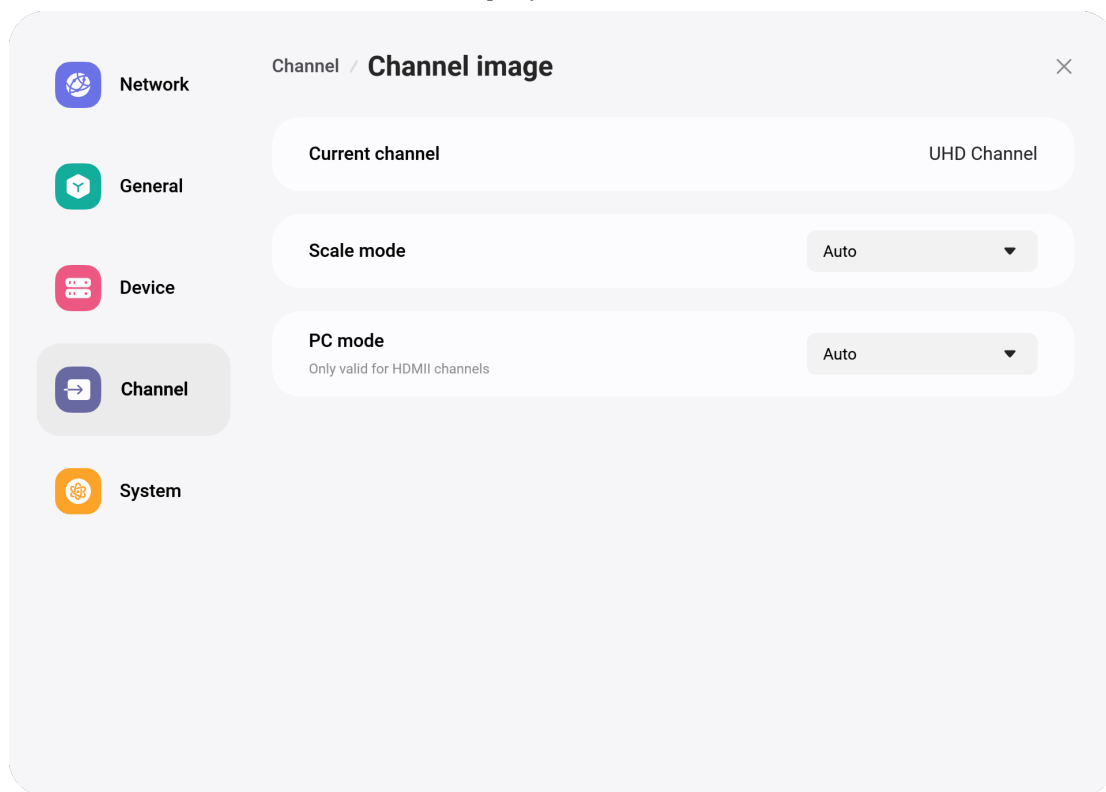
## 13.4 Channel

Display the status of the current access source, and adjust the channel image and other settings, click to go to the next level.



- Channel image

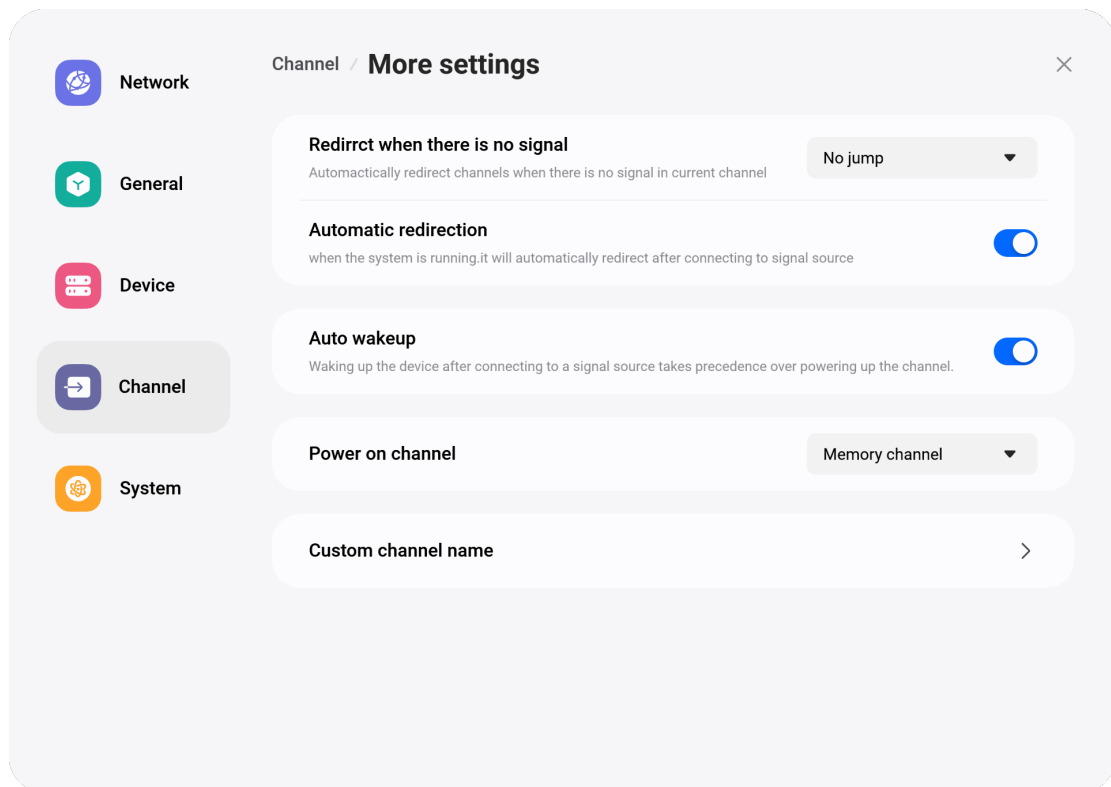
- (1) Describe the status of the current access source;
- (2) **Scale mode:** set the display ratio of the current input source on the integrated machine;
- (3) **PC mode:** select the screen display mode.



- **More Settings**

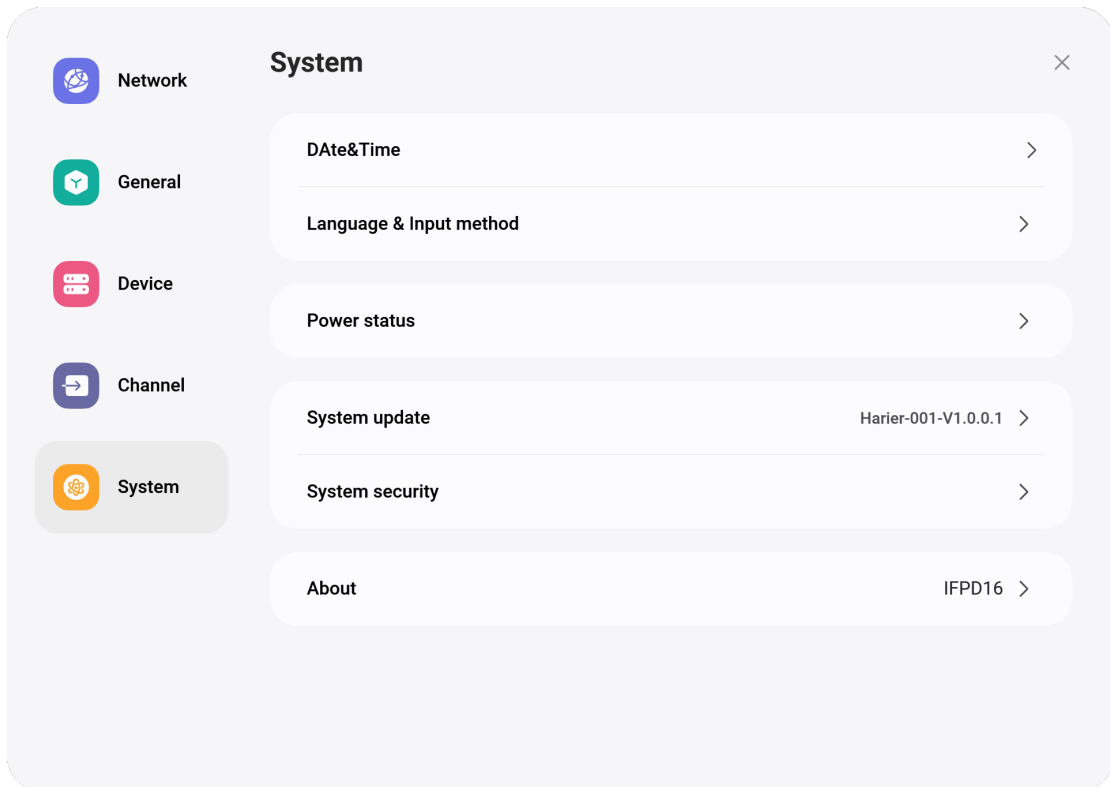
- (1) **Redirect when there is no signal:** if there is no signal in the current channel, the page will automatically switch, users can customize the page to jump;
- (2) **Automatic redirection:** when the system is running, access to a new signal source, automatically jump to display a new access screen;
- (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.



## 13.5 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;

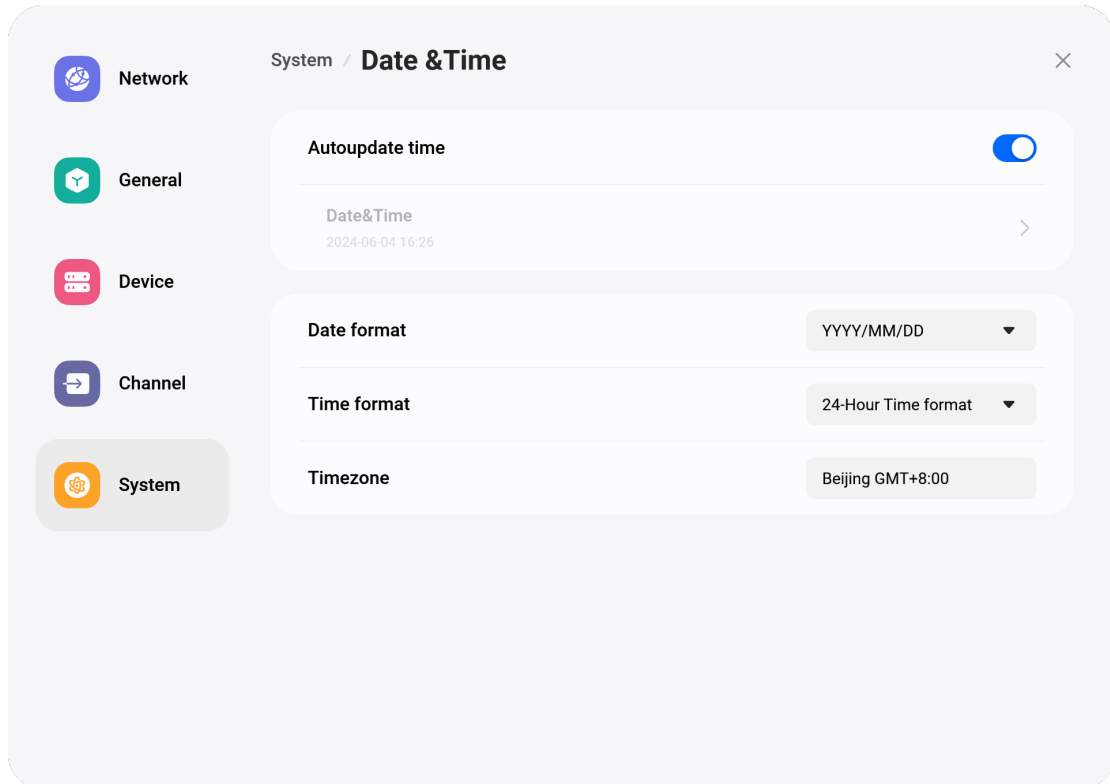


- **Date and time**

- (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;

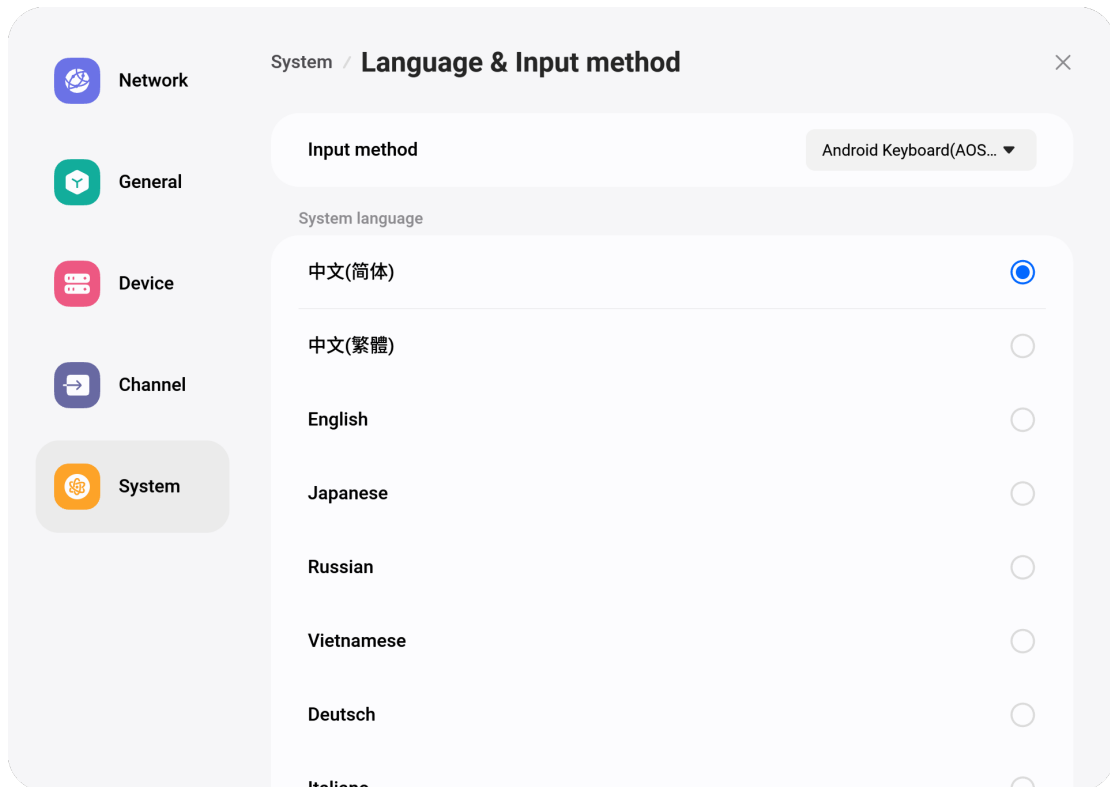
- (3) **Date format:** provide three styles of date display, users can choose according to their own habits;
- (4) **Time format:** provides two styles of time display, users choose according to their habits;
- (5) **Time zone:** Set the time zone, click to enter the time zone selection list.



- **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.

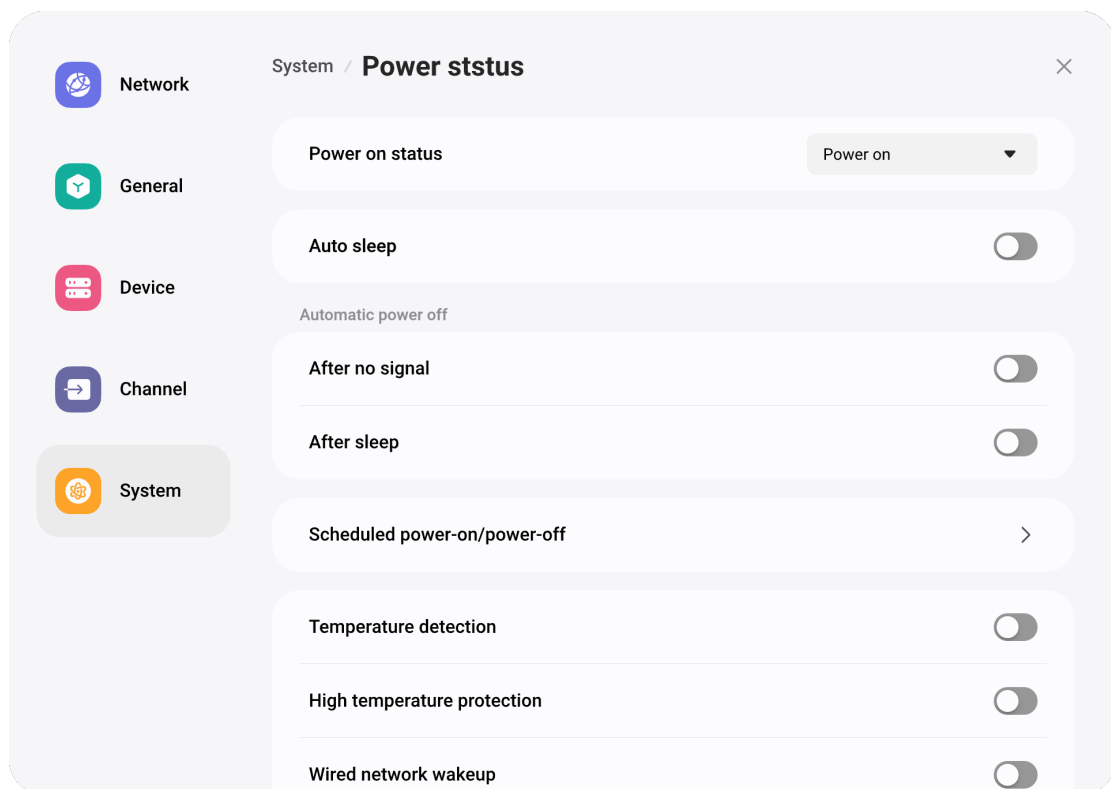


- **Power status**

- (1) **Power on status:** 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:** Once it is turned on, it can be woken up by sending a magic packet through windows tool, based on the wired network mac address on the motherboard;
- (8) **Human body induction awakening:** the screen will automatically wake up when someone approaches the device after opening.

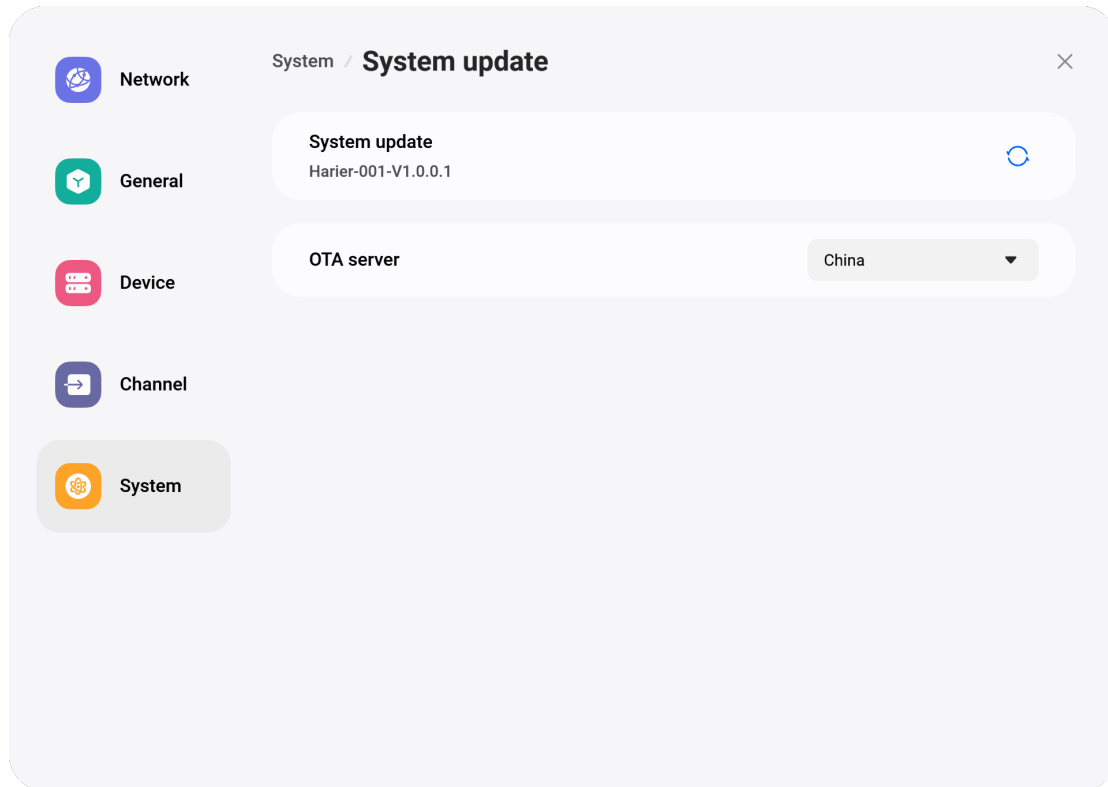


- **System update**

- (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.

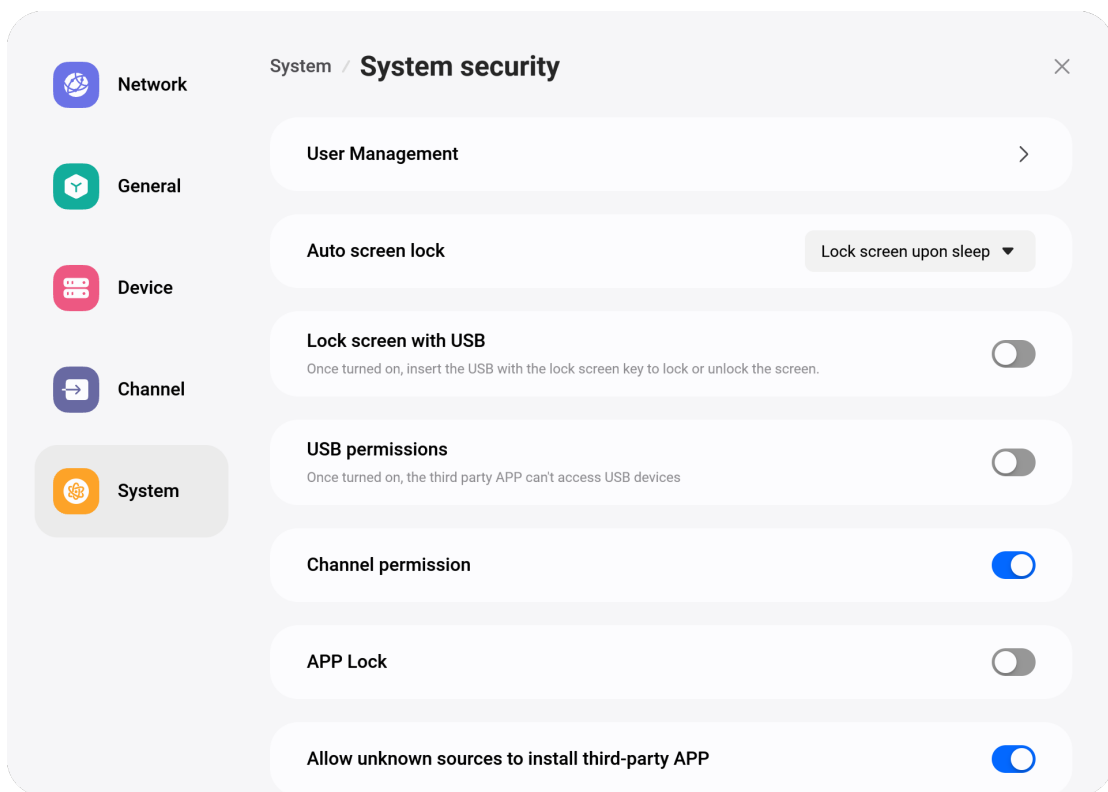


- **System Security**

- (1) **User management:** Manage the current user (see 12 Multi-user Mode for details);
- (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

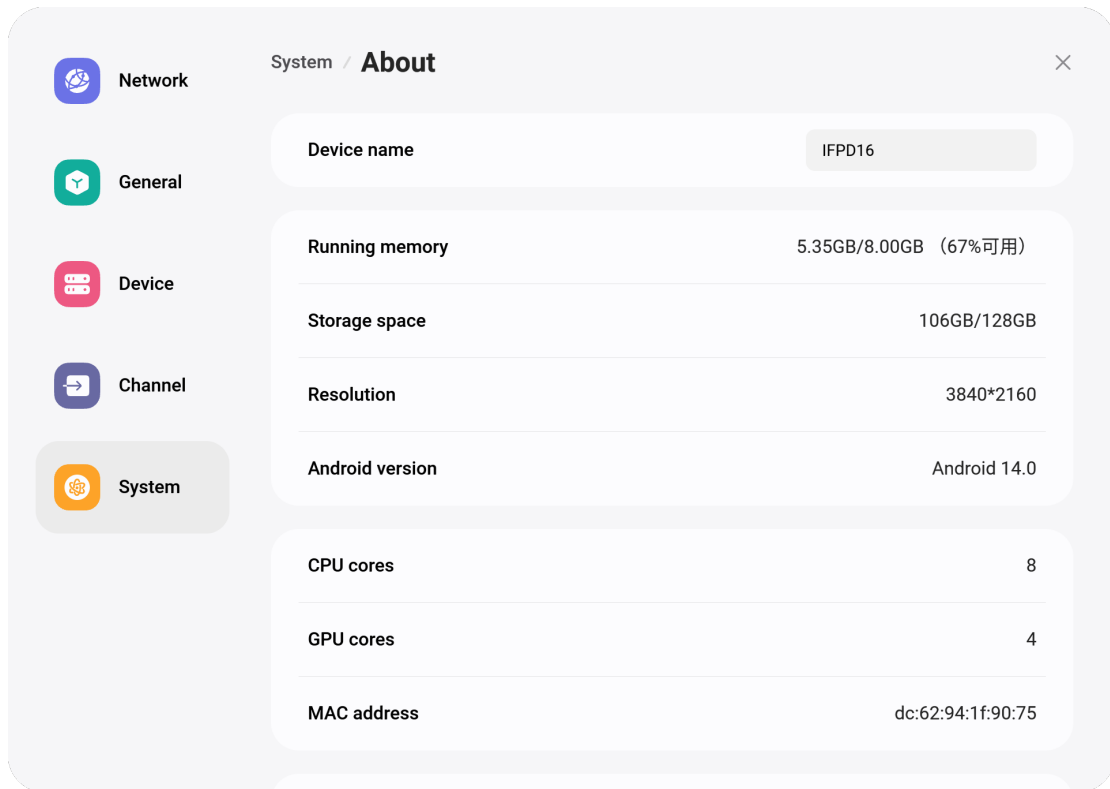
secret key or unlock;

- (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) **Allow unknown sources to install third-party APP:** When enabled, other apps will be allowed to install third-party apps.



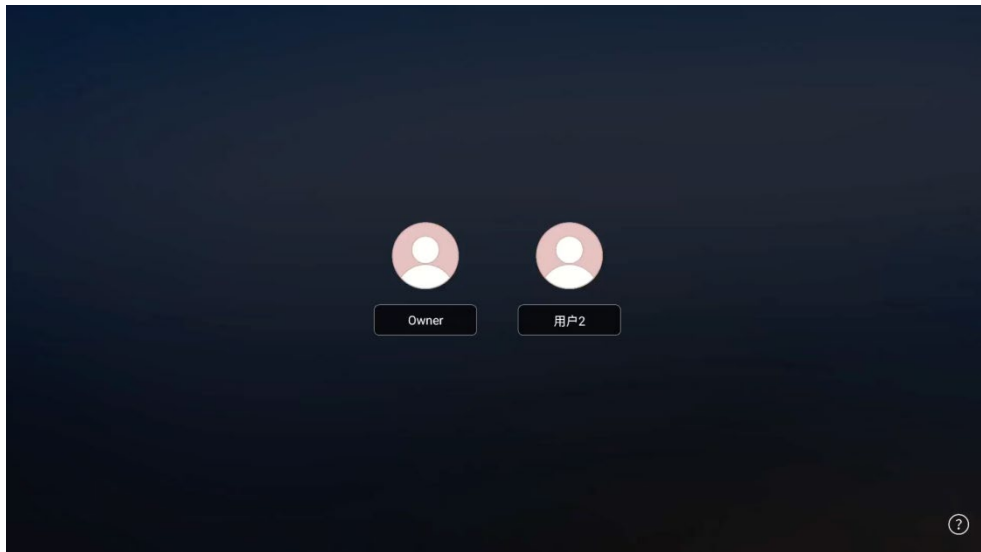
- **About**

- (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.



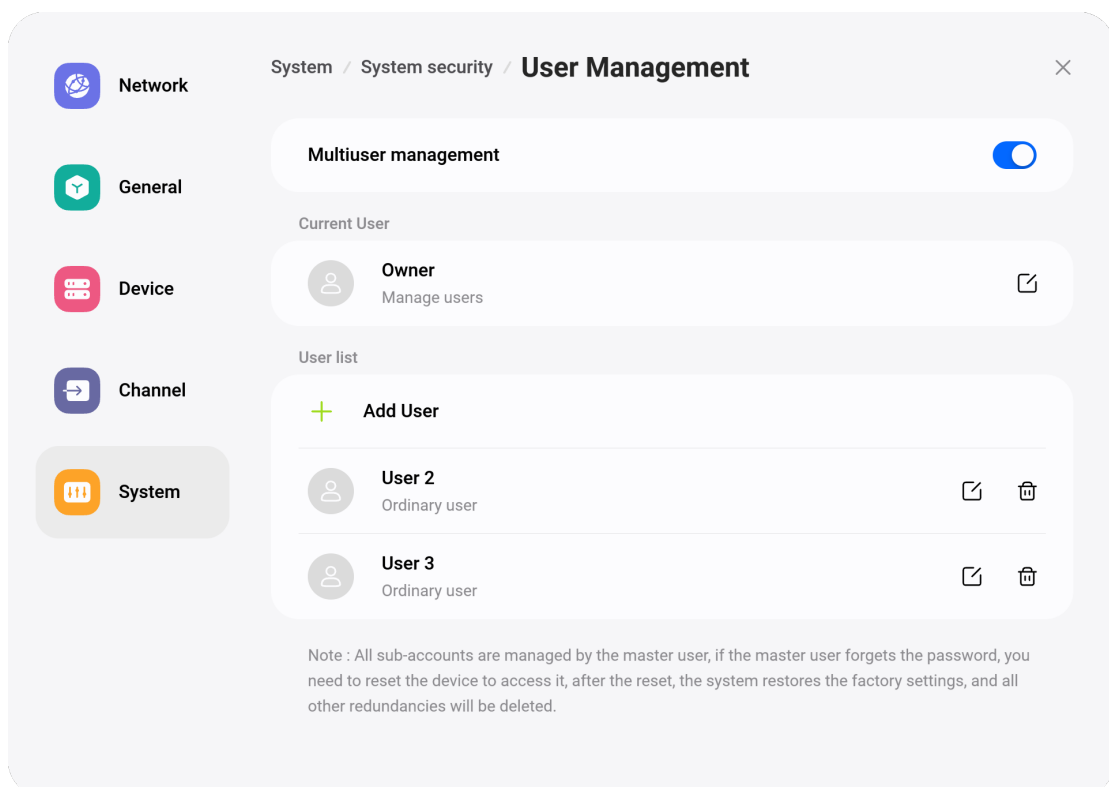
## 14 Multi-user Mode

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

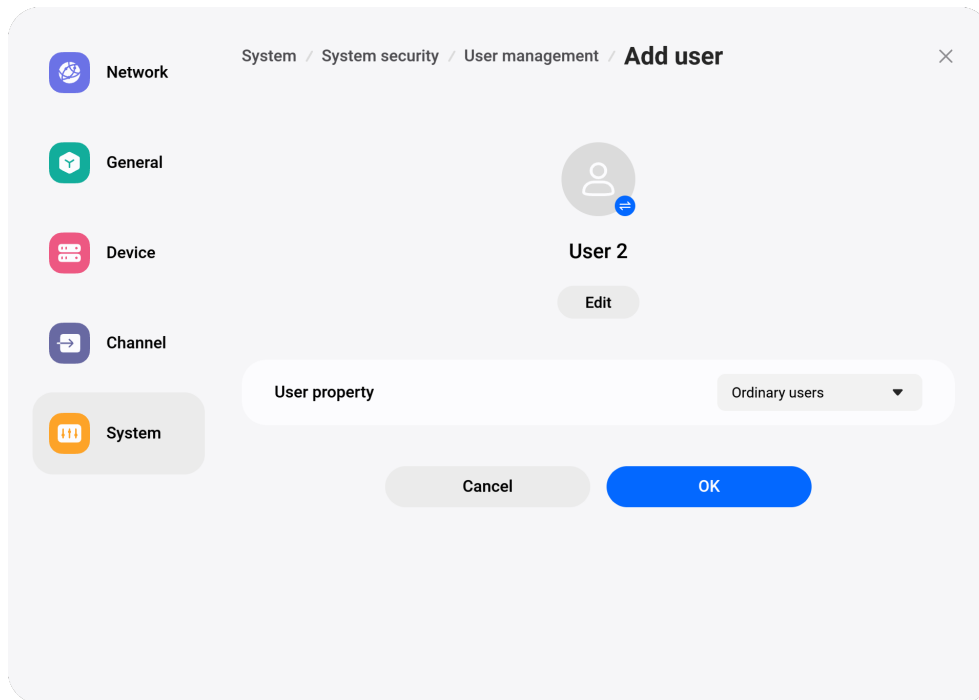


- **Multi-user and user management**

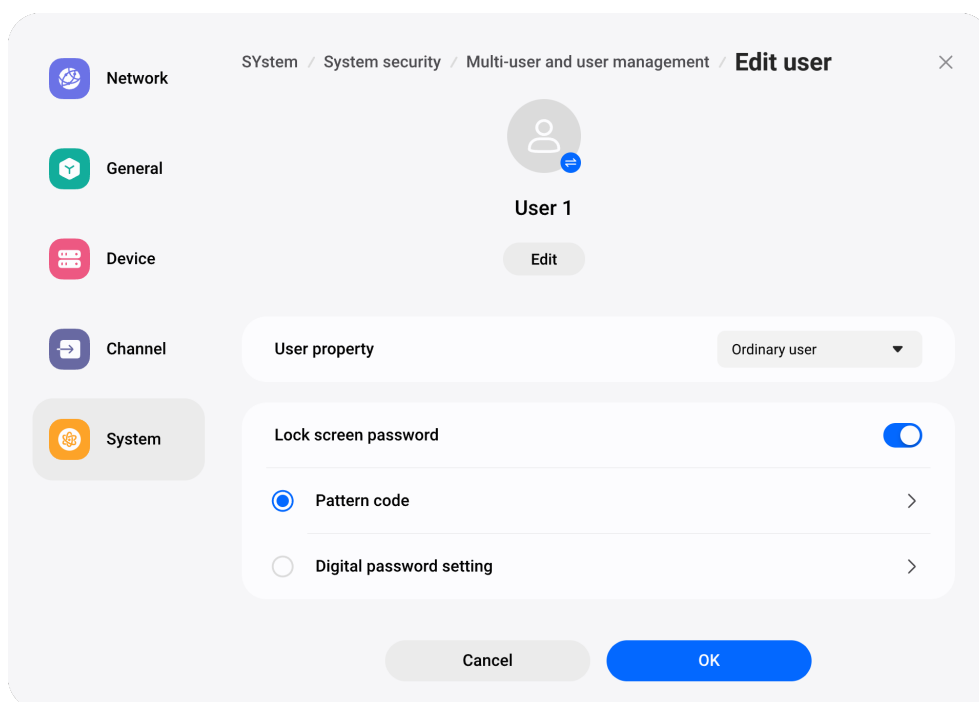
- (1) Under the main account, go to Settings -- System -- System Security (see 2.8.5), click "Edit", and enter the user edit page;



- (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.

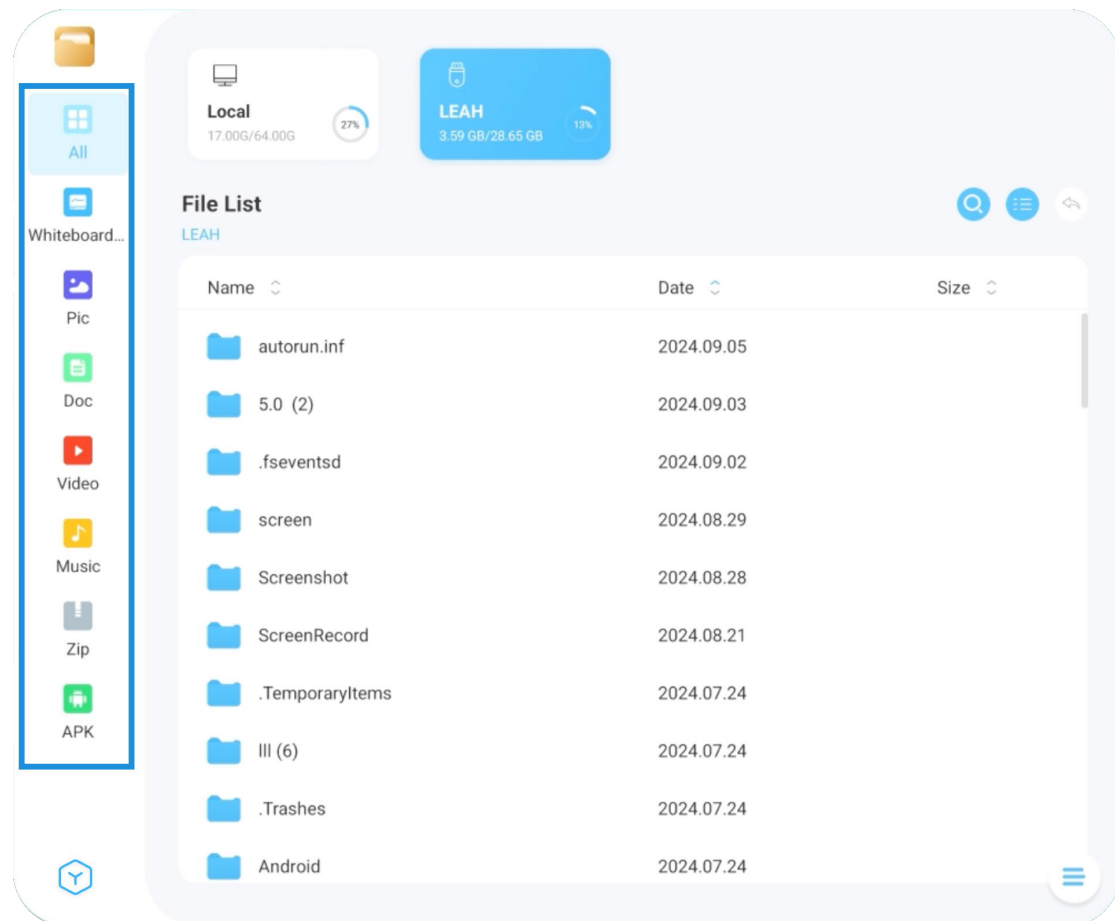


# 15 File Manager

## 15.1 File classification

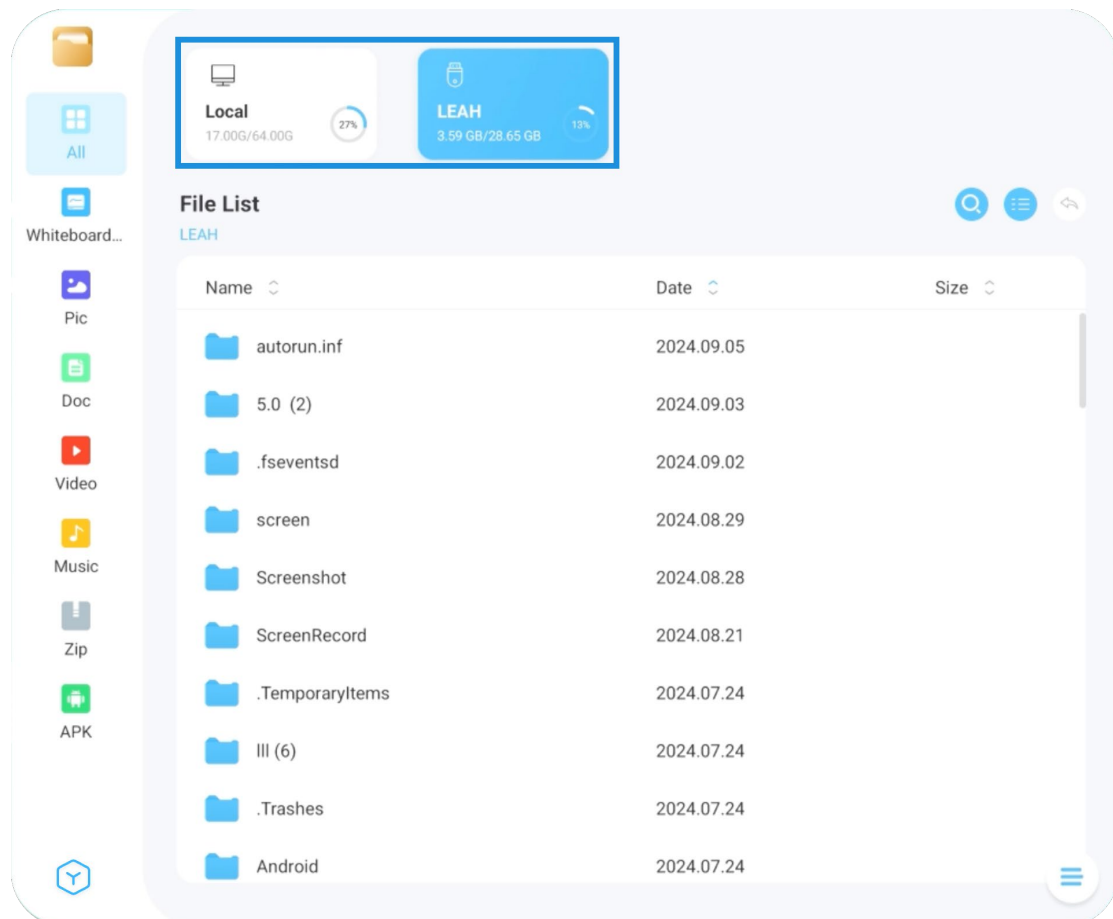
File Manager can look at the files in the local system and external devices, providing two forms of view:

- 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.



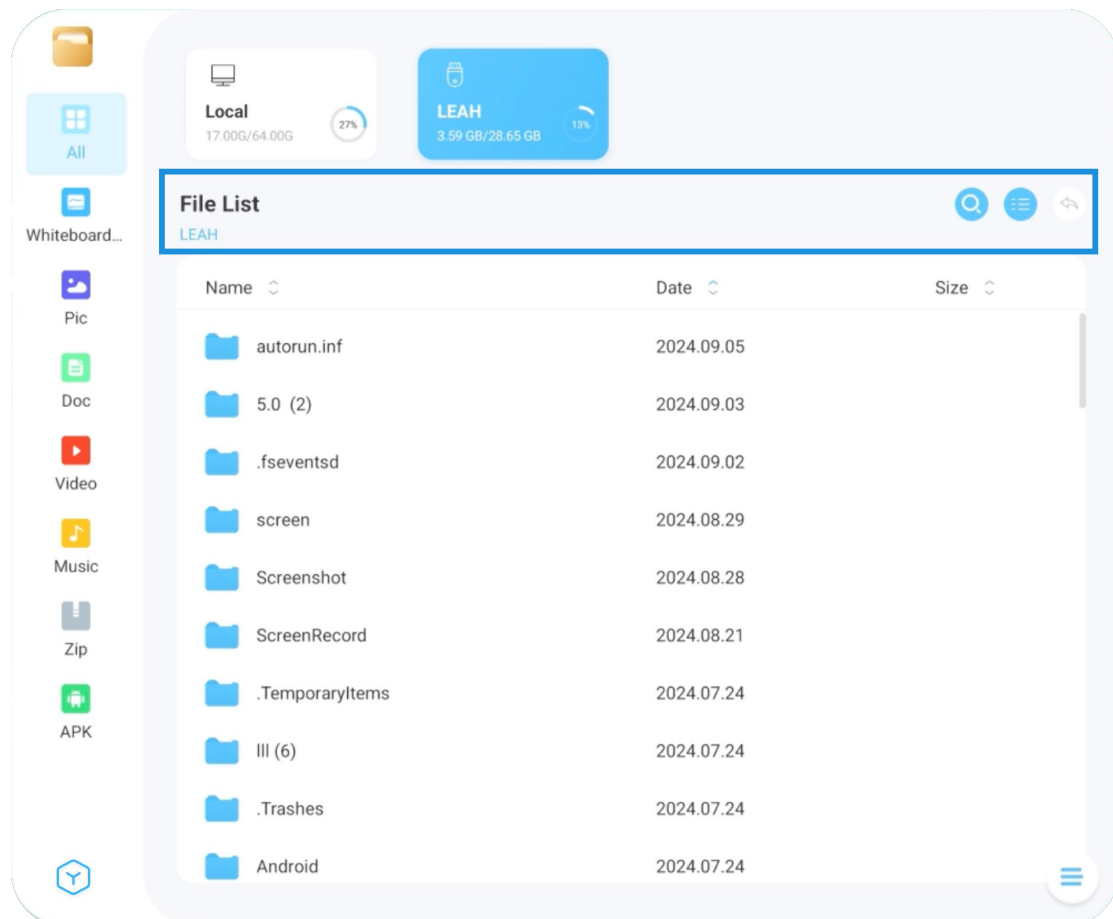
## 15.2 Disk

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.



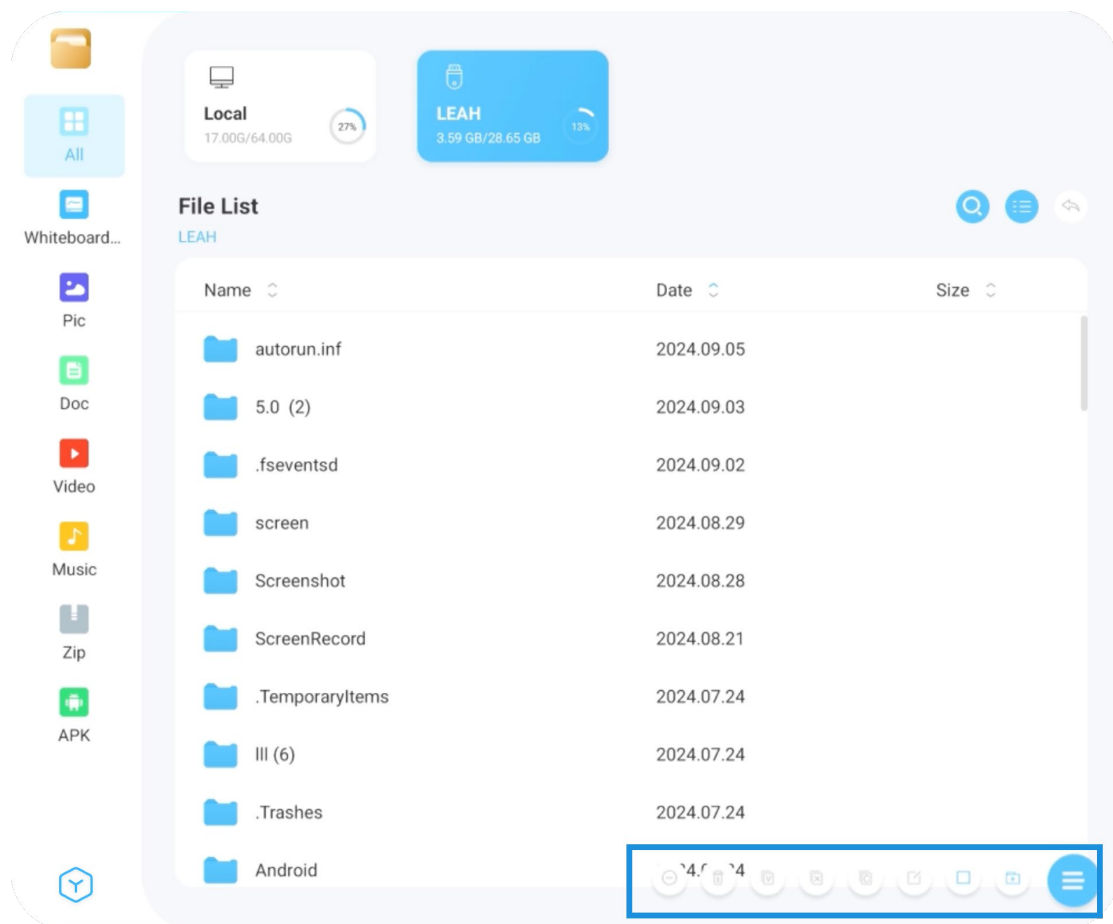
## 15.3 File list action bar

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.



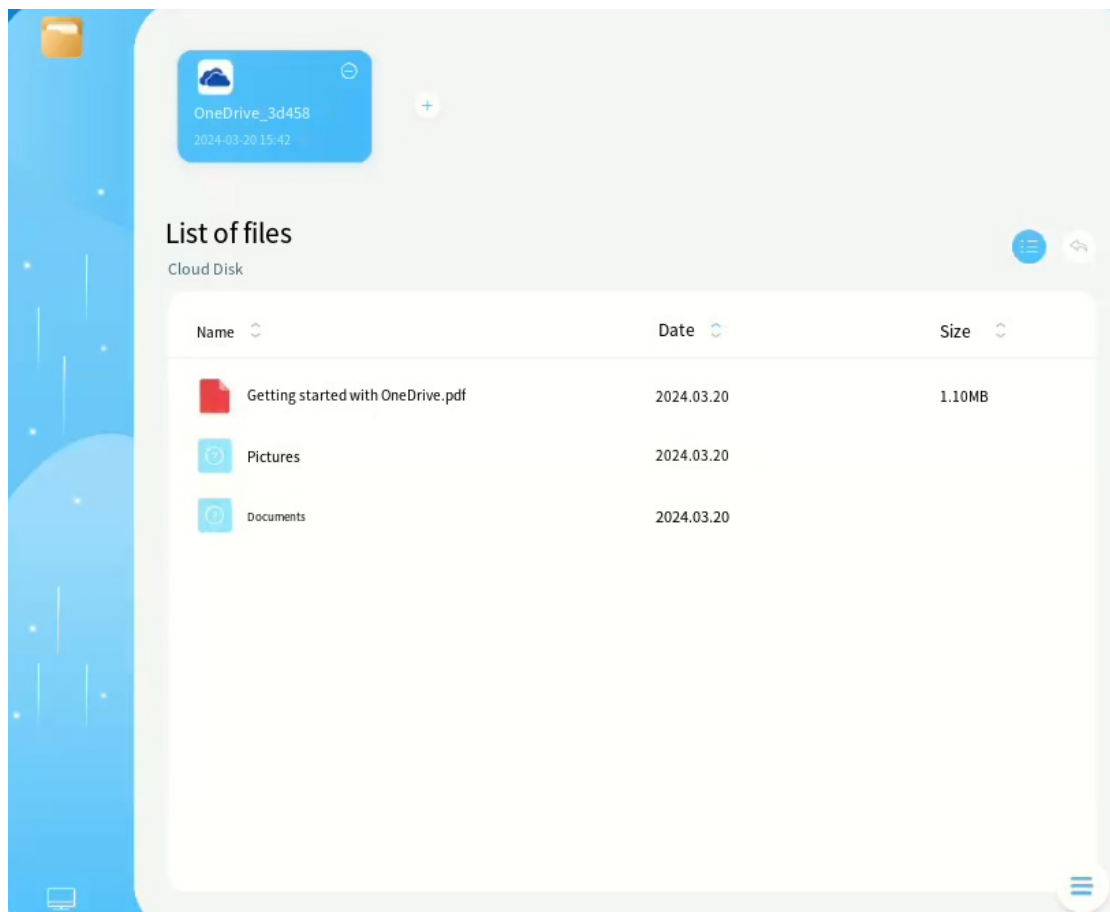
## 15.4 Commonly Used Features

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.



## 15.5 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.



## 16 Airgo Cast Software

- Large Screen Side

Functions	Descriptions
Network Information Display	Dynamically displays the current network status, type, and signal strength
Click to Connect	Supports clients to directly connect by clicking on the device name
PIN Code Connection	Supports client connection through a PIN code
IP Cddress Connection	Supports client connection using an IP address
1080P casting	Supports real-time 1080P casting for clients
4K casting	Supports real-time 4K ultra-clear casting for clients
Applicaiton Cindow Casting	Supports client application window casting
Document Casting	Supports client document casting
Media File Casting	Supports client media file casting
NFC Casting	Supports screen casting by NFC tags
Webcast - Cloud Screen Cast*	Support remote cross-network casting
ChromeCast*	Support chrome browser casting
BYOM*	Support to invoke big screen external devices, such as: camera, speaker, microphone
Boardcast*	Support synchronise the screen and sound wirelessly and in real time between multiple large screens
Reverse Control*	Support client wireless control of large screen
Audio Source Control	Supports switching audio output to the client or the large screen
Full-Screen Switching	Supports switching to client-specific full-screen display
Intelligent Layout	Smart multi-screen layout, supports multi-channel casting
Custom Name	Supports customizing the device name on the large screen
Caster Casting	Supports hardware casting

(\* are Airgo Share Professional functions)

## 16.1 Quick Start

Before using this software, you need to prepare the following things:

### (1) Install the software

Install the software on your device: visit <https://cast.hello.go.tech/#/v3> to download the software.

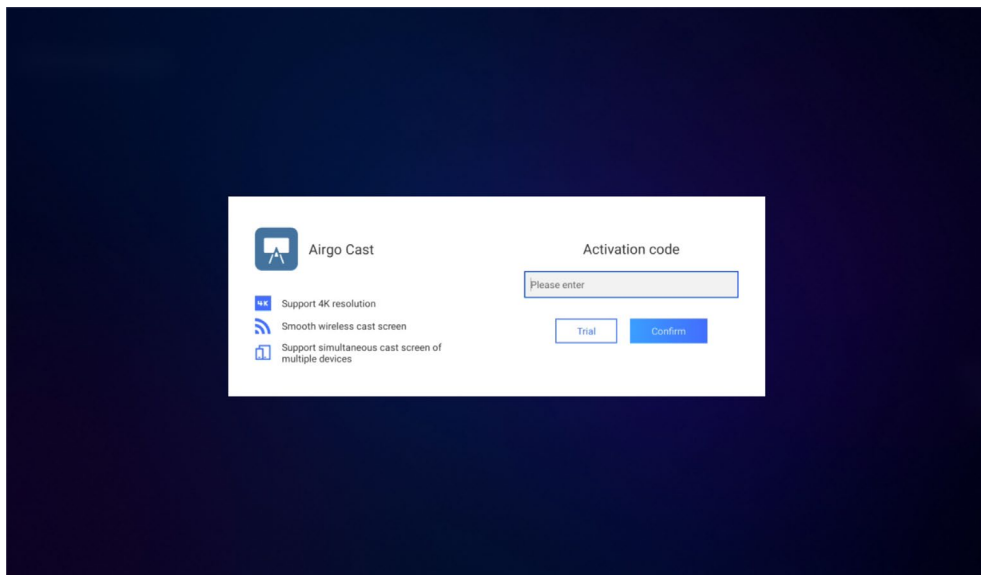
### (2) Set the large screen on the same network as your device.

① Set up the network of the large screen: Open the large screen, click [System Settings] - [Network], and set [Network Status] to make sure the network connection is successful. If you need to access external network while mirroring, please open and connect to wireless or wired network at the same time.

② Set your device's network to ensure it is consistent with the large screen.

### (3) Activate the software

The interface is not displayed for factory-activated software; unactivated software requires the entry of an activation code (supplied by the salesperson) upon initial startup.



Activation code interface

① If the activation is successful, the top right corner of the main interface of the software will show whether the screen casting software is the Basic Version or

the Professional Version.



If you want to upgrade from Basic Version to Professional Version, please contact the Sales to get the activation code of Professional Version.

②If the activation fails, a prompt will appear on the big screen, please follow the prompt to operate.

- **【Activation code error】** - please re-enter the activation code;
- **【Network connection failed, please try again later】** - please check the network settings;
- **【Activation code has been used by another device】**, **【Activation failed】** - please contact the Sales.

In addition: If you upgrade the firmware or perform a reset, you need to connect to the Internet again for automatic activation. If you don't have internet connection, there will be a problem of not being able to activate.

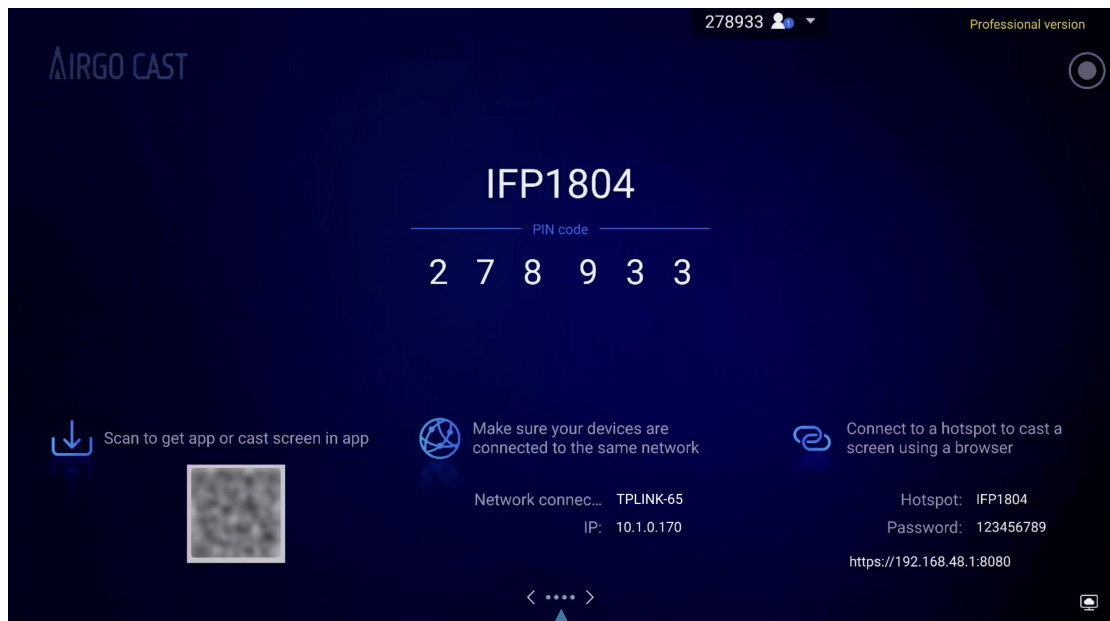
#### (4) Input screen casting code

After entering the homepage, enter the casting code displayed in the centre of the large screen on your device.

After successful connection, you can start to cast screen.

## 16.2 Home Page

On the homepage of Airgo Share, click on [Area 1](#) to open the [\[Function List\]](#).



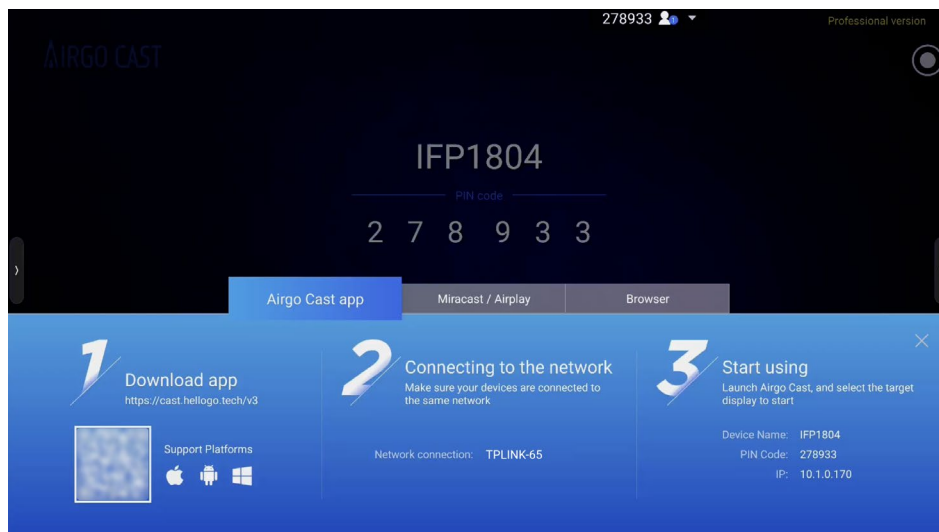
The function list contains:

Casting Tutorial, Broadcast, Device Management, and Settings.

## 16.3 Casting Tutorial

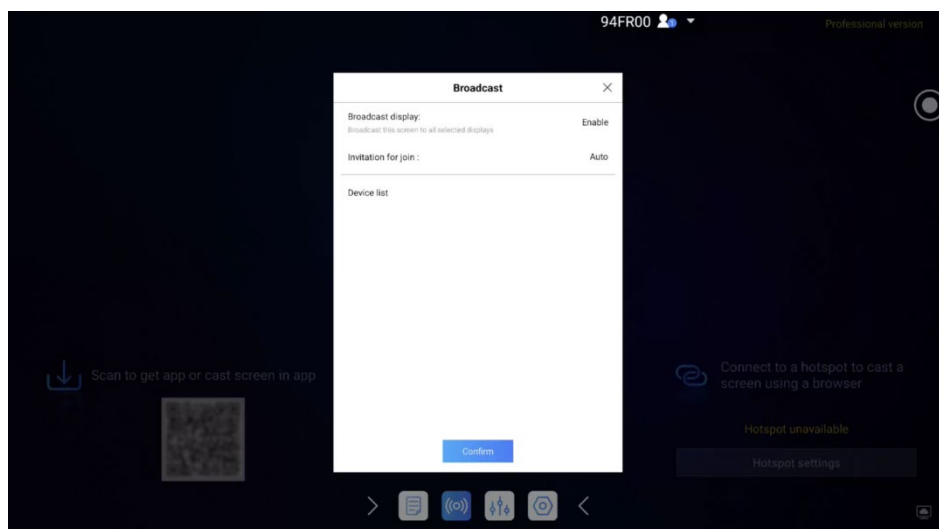
As shown in the following image, there are various connection methods, including Airgo

Share client, Miracast/Airplay/DLNA, and browser. You can follow these instructions to connect and use your device.



## 16.4 Broadcast

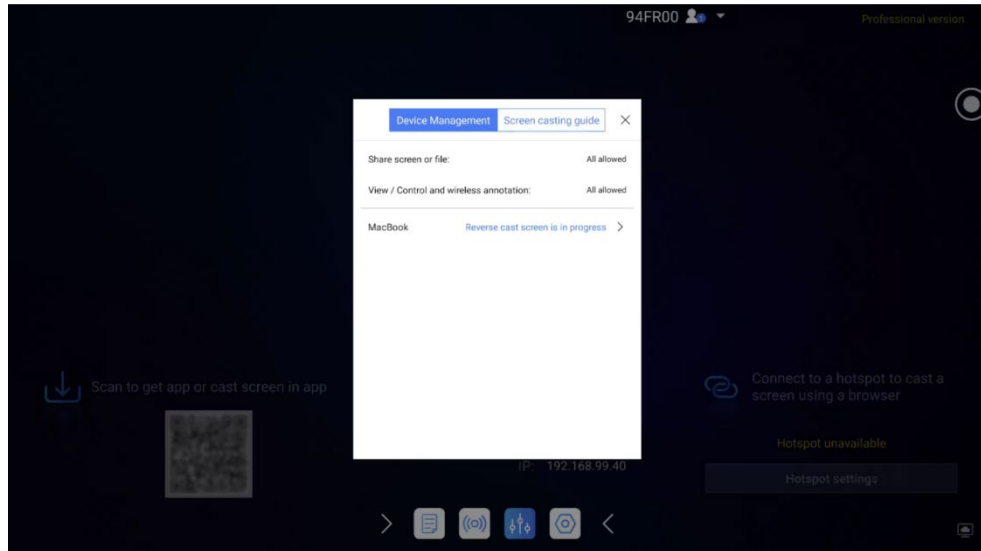
Under the same network, without the need to connect through the HDMI out cable can make multiple large screen and large screen with wireless real-time synchronisation between the screen and sound.



## 16.5 Device Management

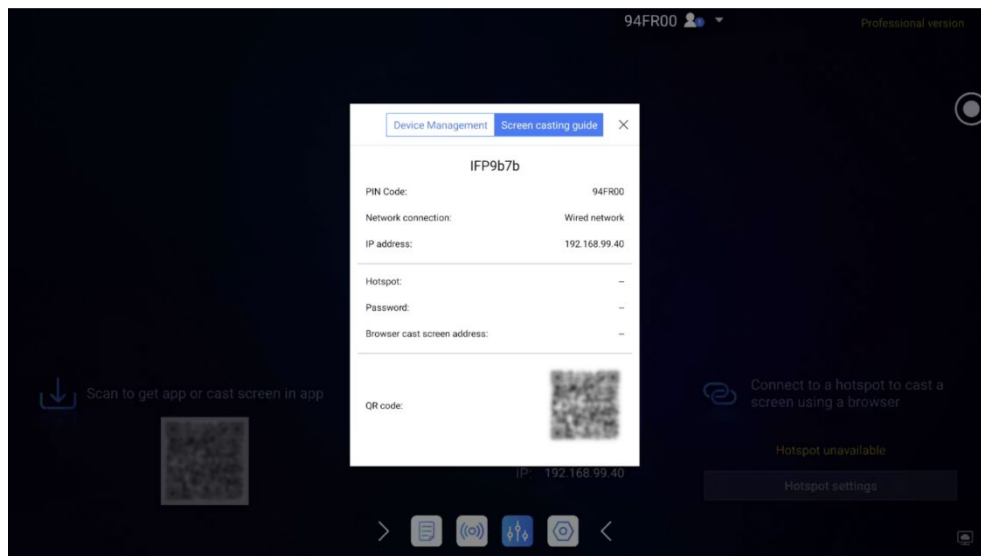
[Device Management]

The screen displays information about devices connected to the current large screen. It supports user control and switching of the casting device's status, casting, reverse casting, pausing casting, and disconnecting.

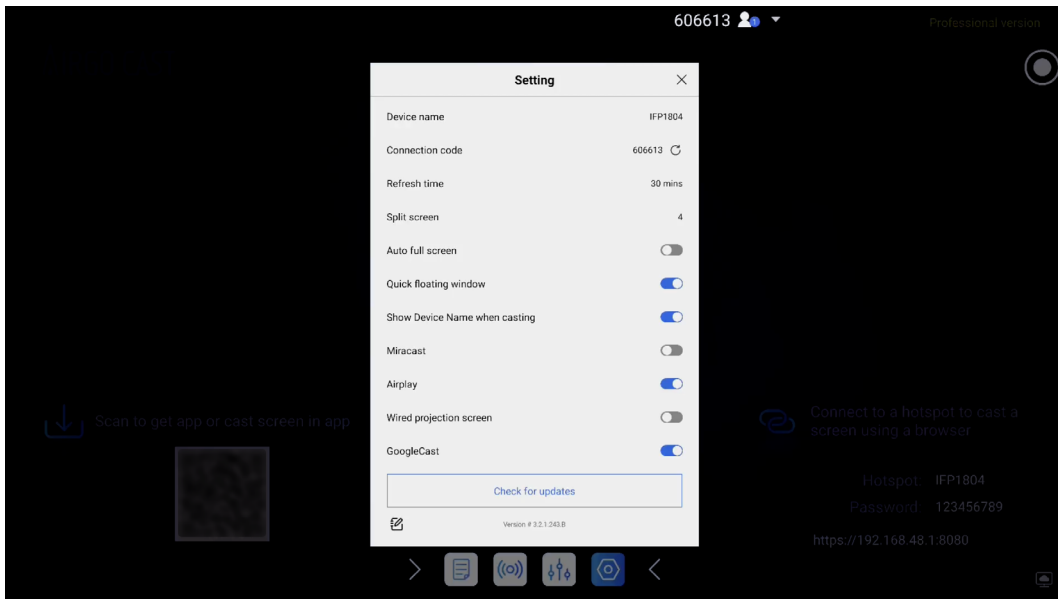


### [Casting Guide]

This page displays the casting information for the current large screen, making it convenient for other users to quickly initiate casting operations.



## 16.6 Settings



(1) **Device Name:** Edit the device name.

(2) **Connection code:** When cloud casting is not enabled, the connection code defaults to 6 digits, which can be refreshed manually; when cloud casting is enabled, the connection code defaults to 6 digits plus letters, if you need to refresh the connection code, please reset the system.

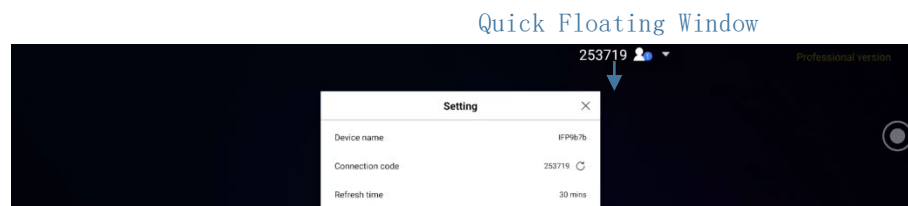
(3) **Refresh Time (When cloud casting is not enabled):** Set the update frequency of the casting code, you can set no refresh, update once every 30 minutes or once every 24 hours.

(4) **Split screen:** Choose the maximum number of screen casts, which is the maximum number of simultaneous multi-device screen casts;

(5) **Auto full screen:** When turned on, the cast screen content automatically fills the screen;

(6) **Quick Floating Window:** Enabled by default. The quick floating window is located at

the top of the large screen, displaying the casting code or IP information, as shown in the following image.



Click on [Quick Floating Window] to perform control operations, including [Device Management] and [Casting Guide].

(7) Miracast/Airplay/Google(Chrome)Cast: Enabled by default.

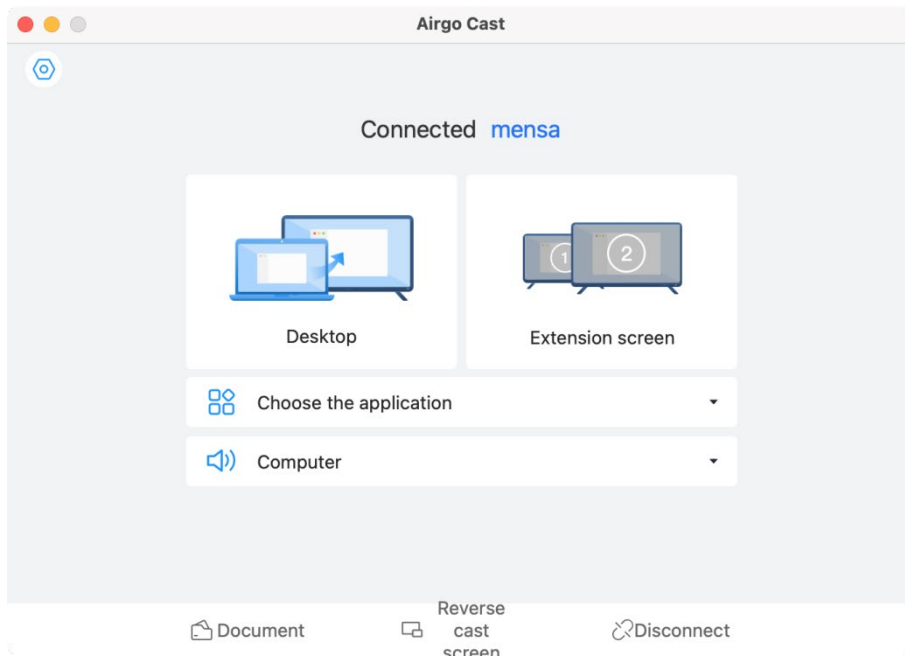
(8) Simple Mode: Default off.

(9) Check for Updates: Get the latest version of Airgo Share.

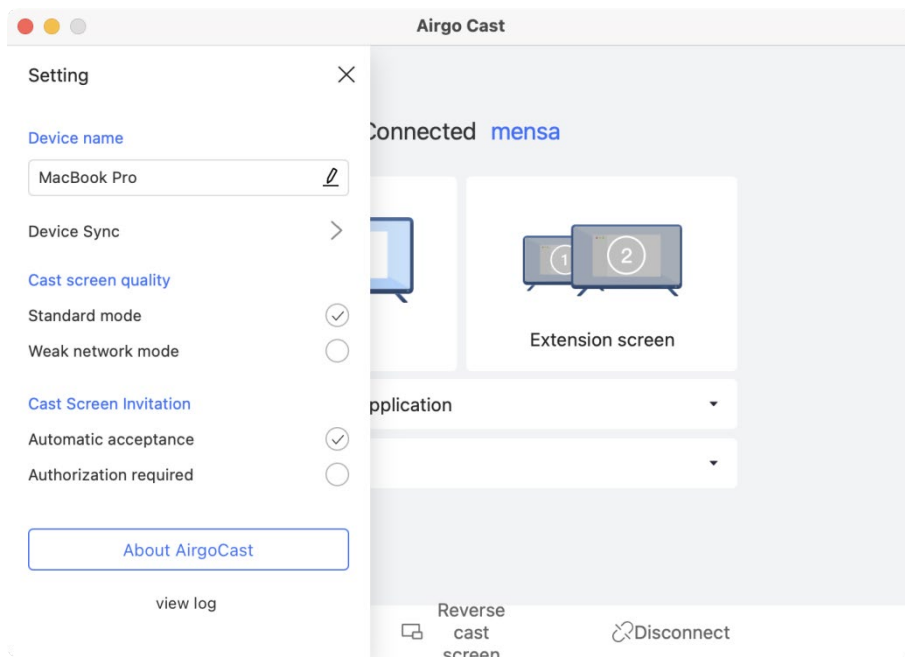
## 16.7 Highlight Features

### 16.7.1 BYOM Tutorial

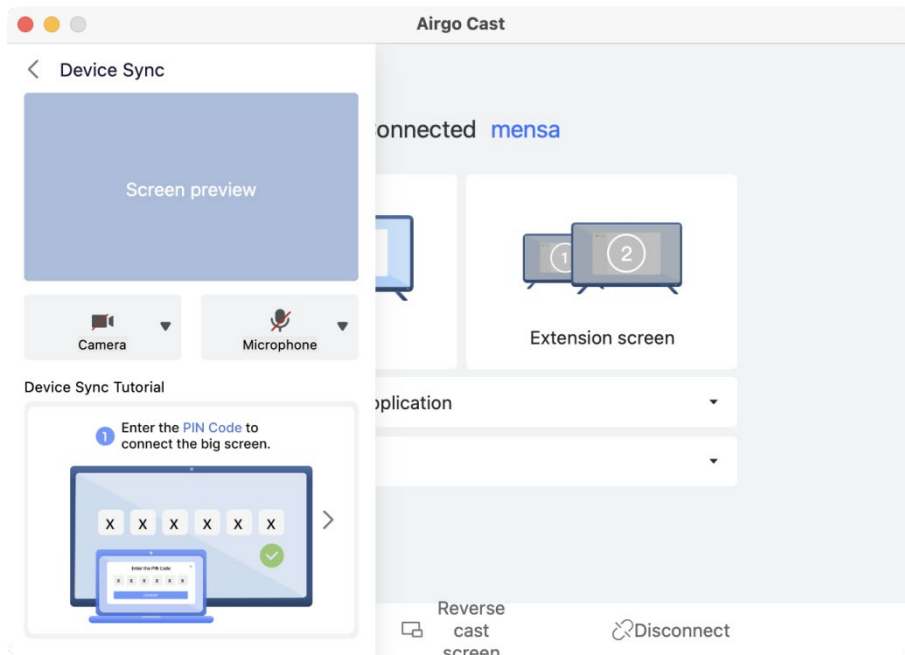
(1) First, use a computer to connect to the all-in-one device;



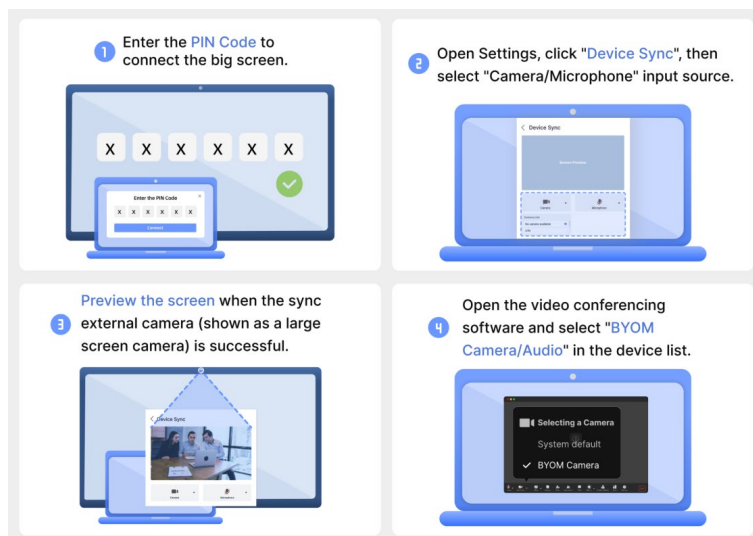
- (2) Click "Settings - Device Sync" in the upper left corner to enter the BYOM debugging interface;



- (3) You can open the camera or microphone for testing, and you can check the external camera invoking in the preview screen;



- (4) When the external device is successfully invoked, you can open the conference software and select BYOM Audio and BYOM Camera in the Microphone and Camera list;



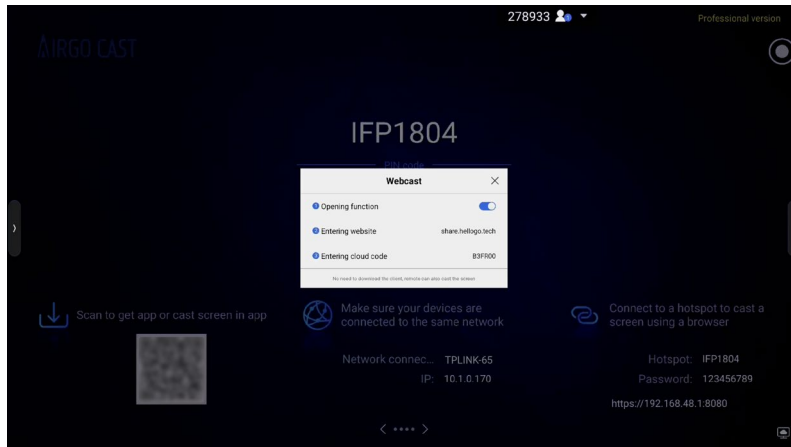
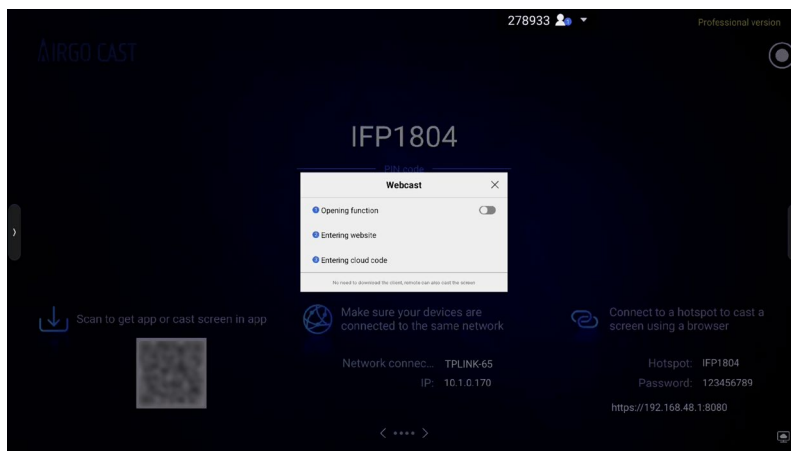
- (5) Finally, start your meeting.

### 16.7.2 Webcast – Cloud Screen Cast

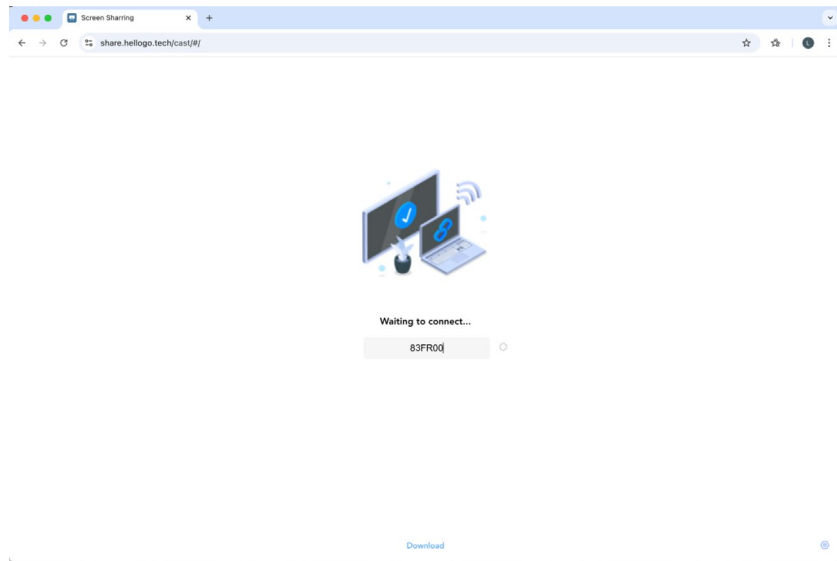
- (1) Click on Area 2 to open the [Webcast – Cloud Screen Cast] function pop-up window, click [Open Function] and the website: **Share. hello. tech** as well as the cloud code will appear.



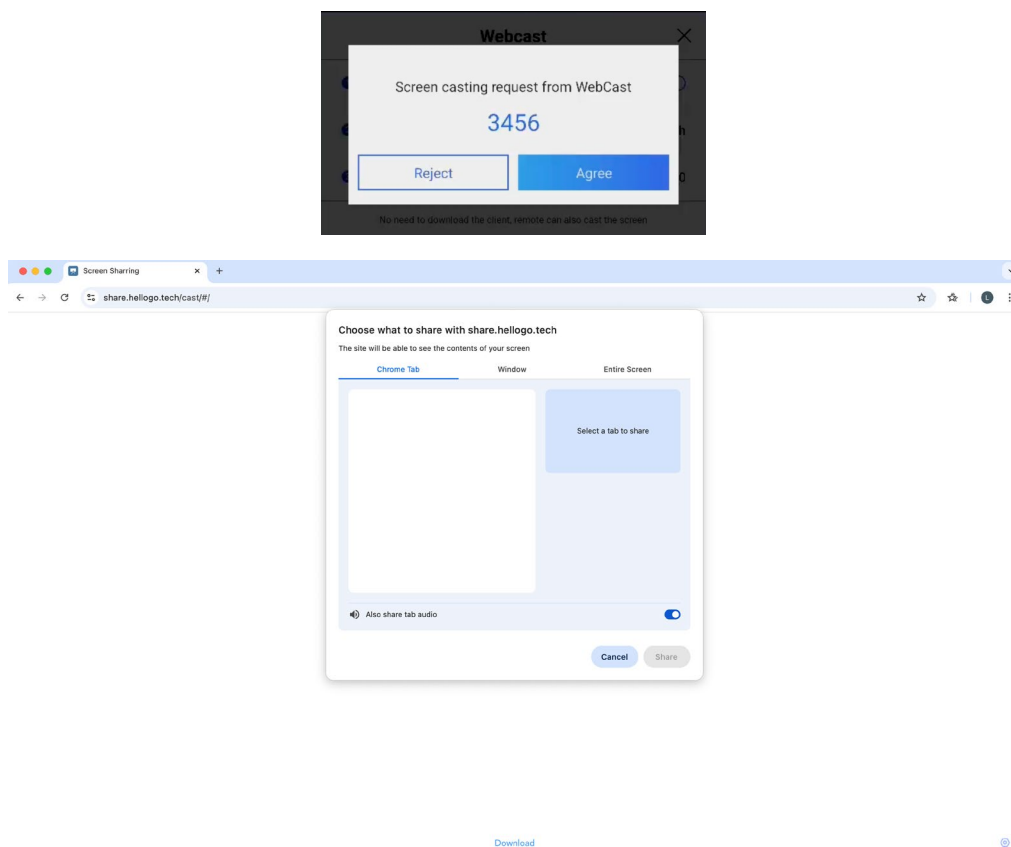
Area 2



(2) Enter the URL in your browser and enter the cloud code.

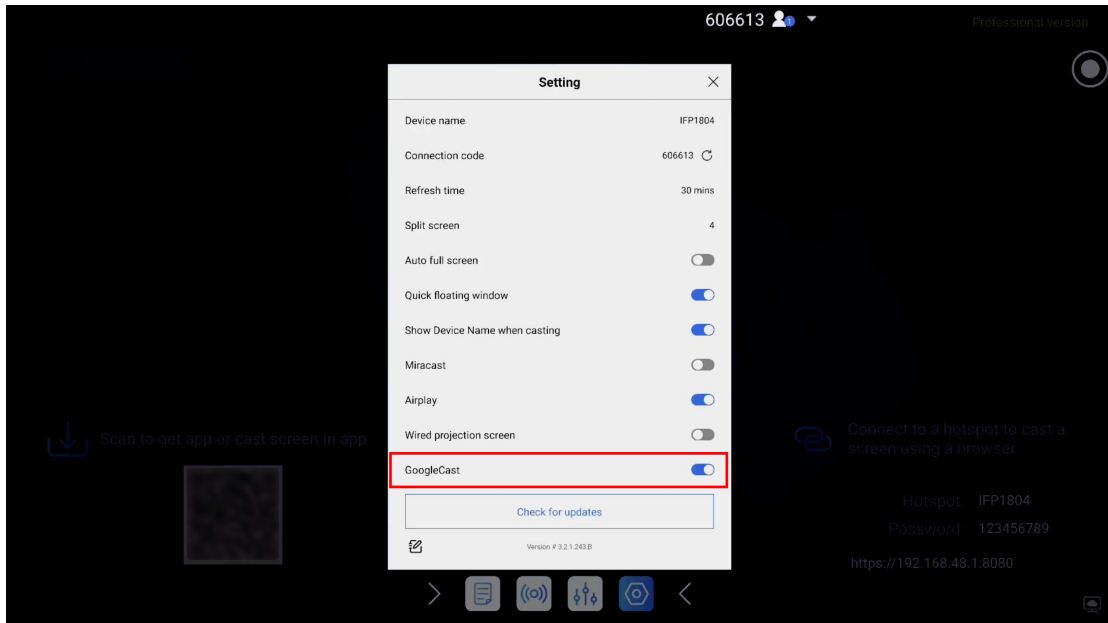


- (3) At this time, the verification code pop-up window will appear on the big screen, and you can select the tab you want to cast the screen after inputting the verification code to the web side.



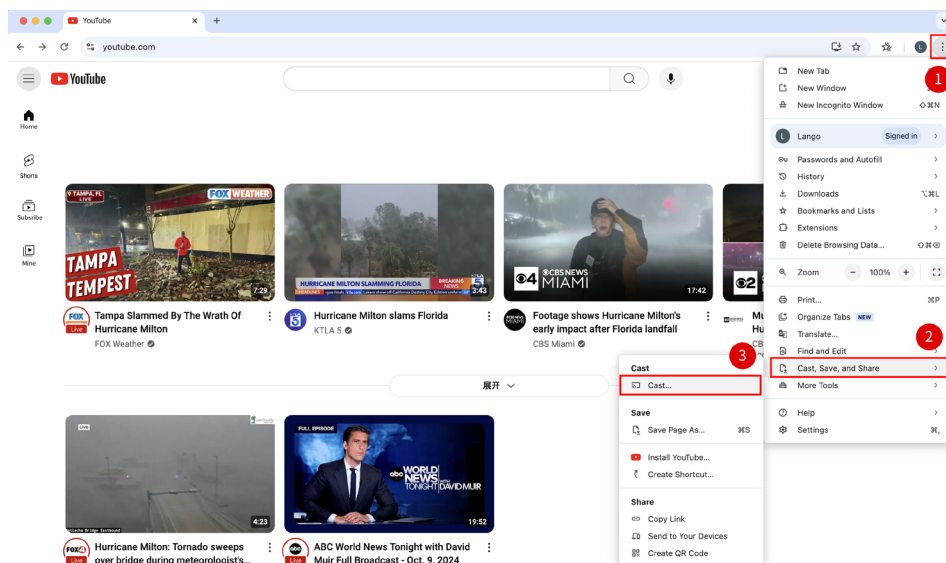
### 16.7.3 Google (Chrome) Cast

- (1) Open GoogleCast in Settings.

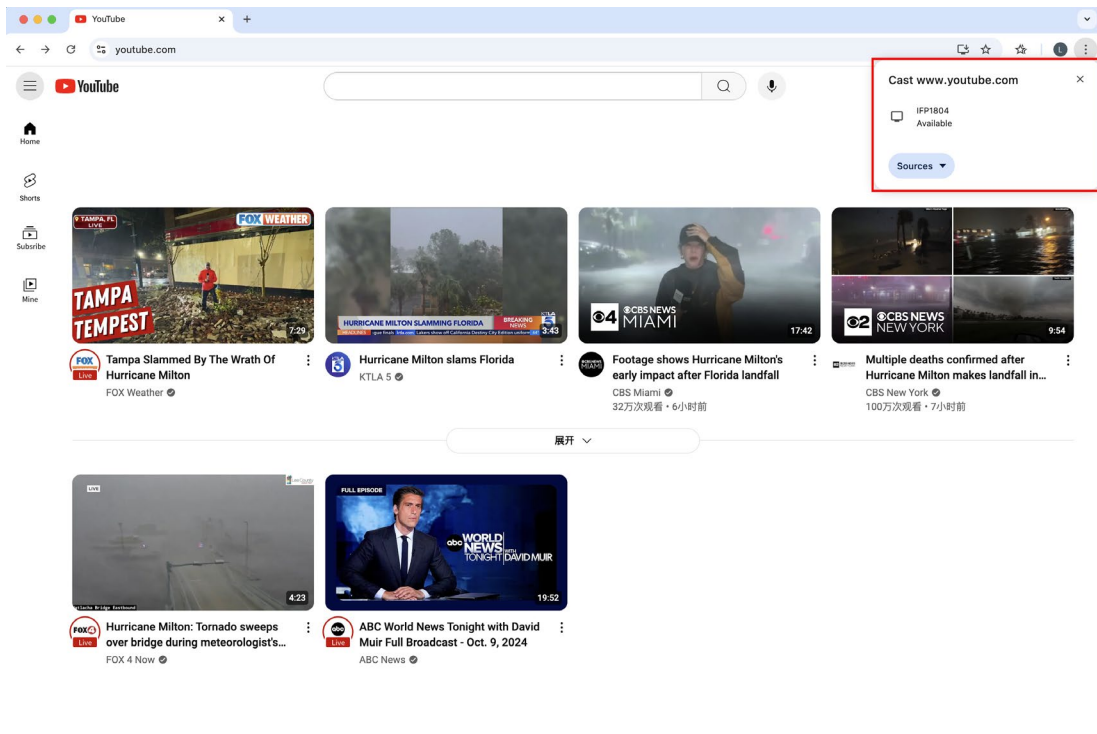


(2) Using Google Chrome browser

- a. First ensure that the current computer network is the same as the IFPD;
- b. Click on the three dots in the upper right corner to expand More;
- c. Click Cast, Save and Share;
- d. Click on Cast.



- (3) You can see the IFPD device in the current pop-up window and click it to cast the screen.

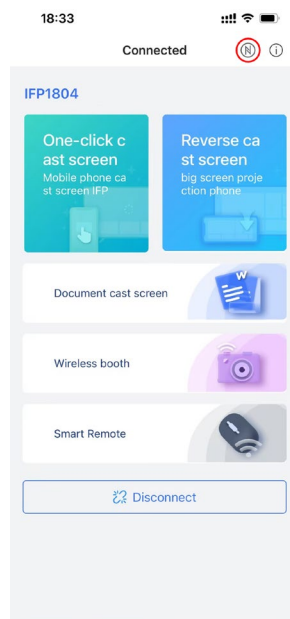


## 16. 7. 4 NFC Casting

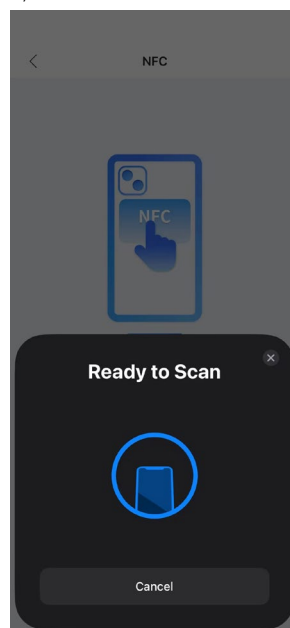
NFC tag writing:

- (1) Connect your mobile phone to the IFPD;

(2) NFC function button can be seen on the connected page;



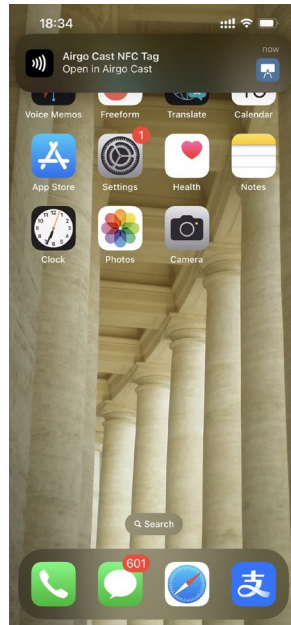
(3) Tap the NFC function and stick the NFC tag to the sensing area at the back of the phone to start writing data;



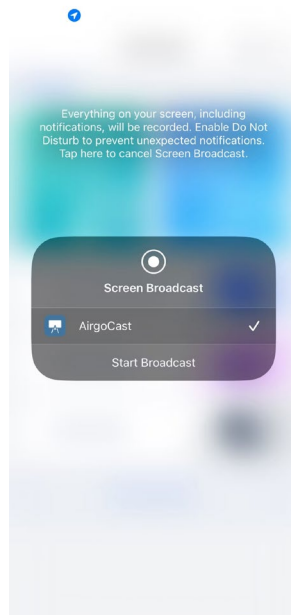
(4) The page can be exited by displaying Write Card Success.

**NFC tag reading:**

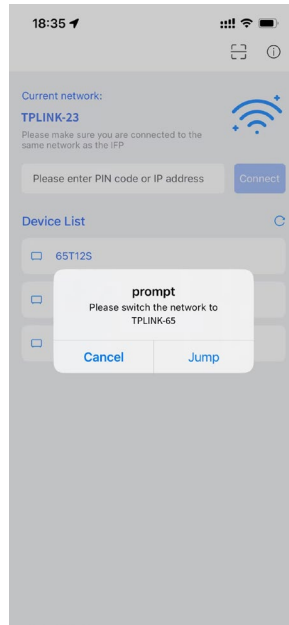
- (1) Unlock the phone and stick the NFC tag with written data to the sensor area at the back of the phone;
- (2) Tap the NFC tag prompt pop-up window that appears on the top of the phone;



- (3) Click the pop-up window to jump to the Airgocast app, and if the mobile phone and the IFPD are on the same network, the casting will start directly.



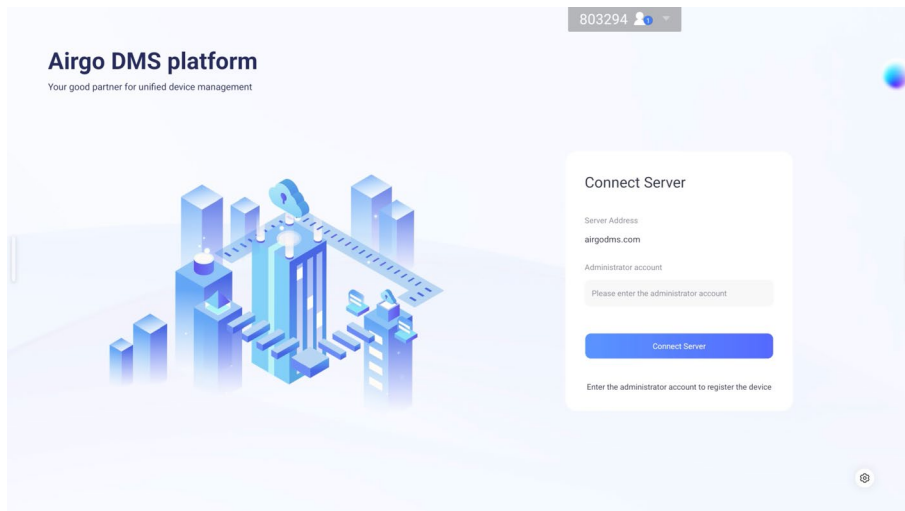
- (4) If the mobile phone and the IFPD are not in the same network, a pop-up window will appear to switch networks. After adjusting the mobile phone network to the same network manually, you can start casting screen directly.



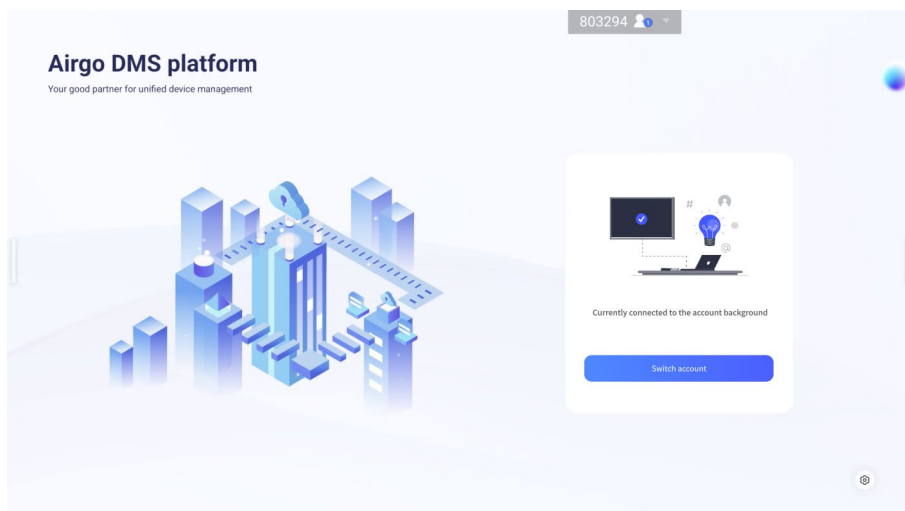
## 17 Airgo DMS Centralized Control Platform

As a unified platform for centralized management of equipment, Airgo DMS mainly provides cluster management functions such as status monitoring, panel grouping, volume control and information announcement for managers. It ensures easy access to all functions on the same platform, thus improving the efficiency of device management.

- Large Screen Side



Unconnected status



Connected status

- **PC Side**

1. **Log in on the website:**

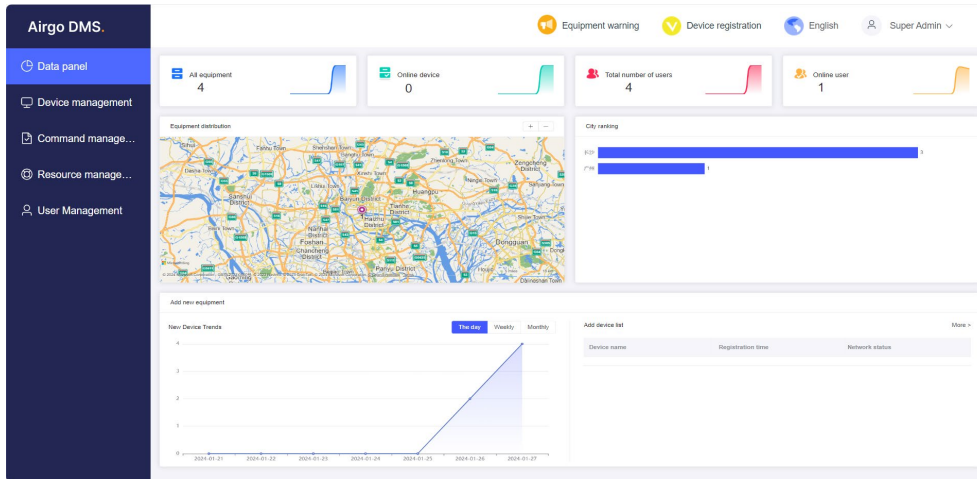
<https://www.airgodms.com>

2. **Account application:**

Contact our sales staff to obtain an account number.

## 17.1 Data Panel

Display background data, number of devices, device distribution, number of users and other data information.



## 17.2 Device Management

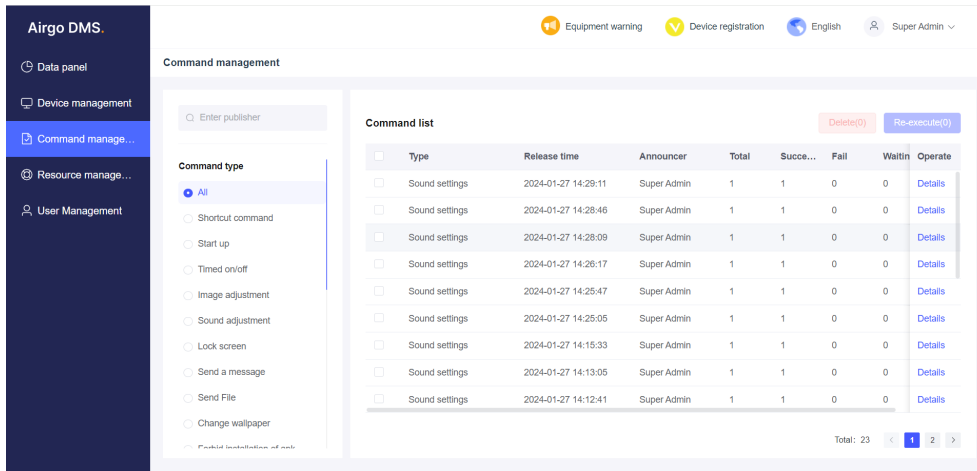
Used to manage all devices under a user's name. On the left side of the page, there is a list of status filtering and device grouping. Users can focus on the terminal devices that need to be operated through appropriate grouping and filtering. On the right side of the page, the list of devices under the user's name is displayed. Select the device you want to operate and click the corresponding operation item to send various operation instructions to the device.

The screenshot shows the 'Device management' page in Airgo DMS. It features a search bar for device names, filters for network status (All, Online, Offline) and group (All, test, test1, 1, test2), and a 'Device List' table. The table has columns for Device name, Network status, Registration time, Owner, Group, Channel, and Operate. Below the table is a pagination bar showing 'Total: 5' and page '1'.

Device name	Network status	Registration time	Owner	Group	Channel	Operate
IFP	Online	2024-01-27 10:13:58				Details More
d55d	Offline	2024-01-27 09:42:40	HQ		ANDROID	Details More
zqcc	Offline	2024-01-27 09:18:32	HQ		ANDROID	Details More
IFPS207	Offline	2024-01-26 19:40:20	III04		ANDROID	Details More
IFP0075	Offline	2024-01-26 11:28:27	HQ		ANDROID	Details More

## 17.3 Command Management

Display all published instructions, list includes fields "type, published time, publisher, total, execution"; Execution shows the distribution statistics of instruction success/failure/waiting to execute/being executed.

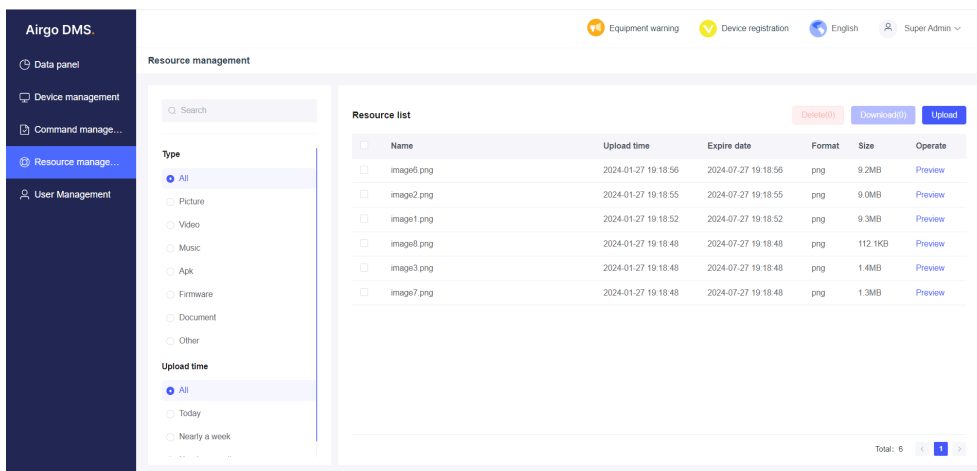


## 17.4 Resource Management

Display all file resources stored in the background, and can upload and download files here.

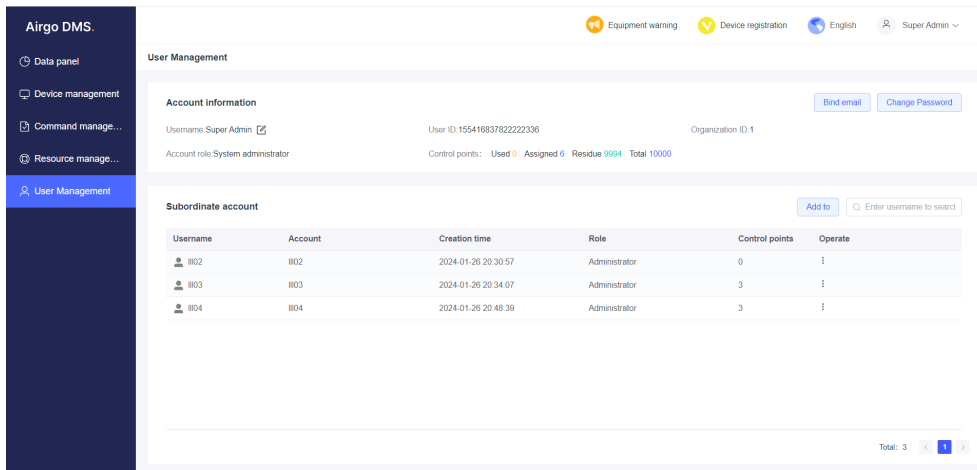
Display file name, upload time, expiration time, file format, file size.

Provide file preview function for picture files.



## 17.5 User Management

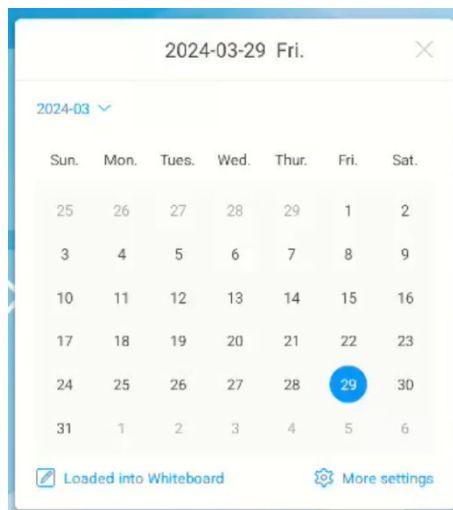
Manage my account and subordinate accounts.



## 18 Other apps

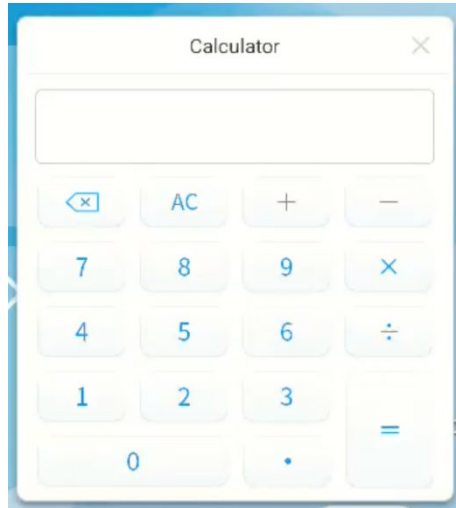
### 18.1 Calendar

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.

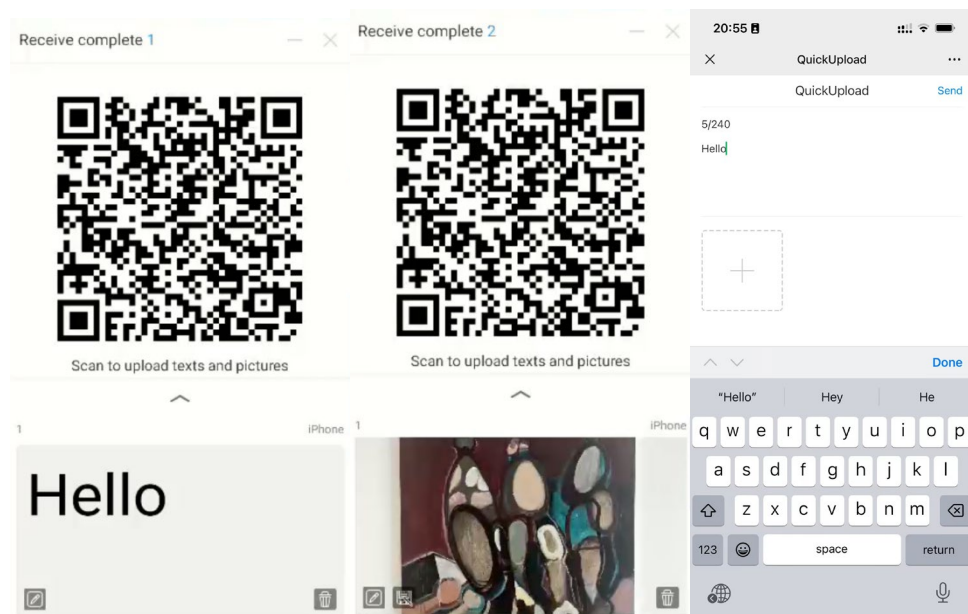
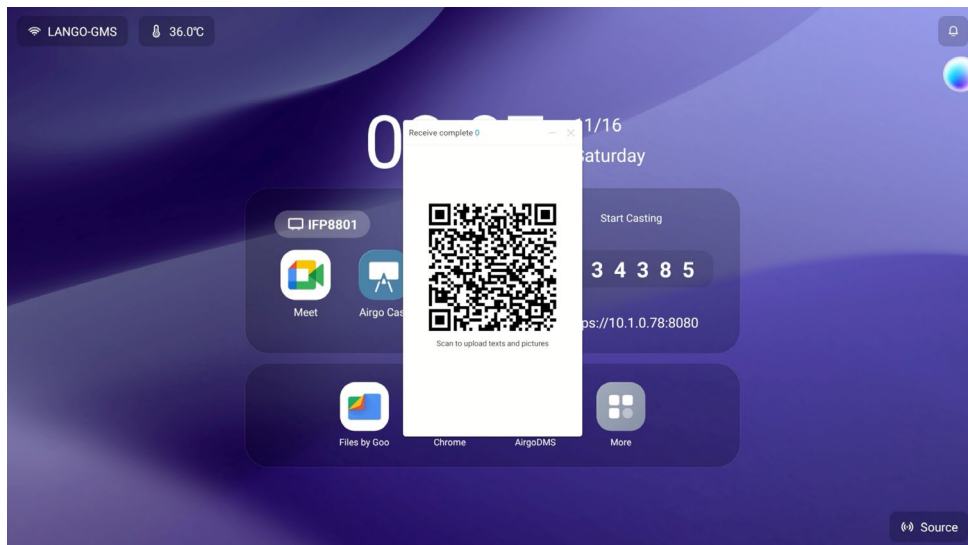


### 18.2 Calculator

Tap the Calculator app to open the shortcut calculator.



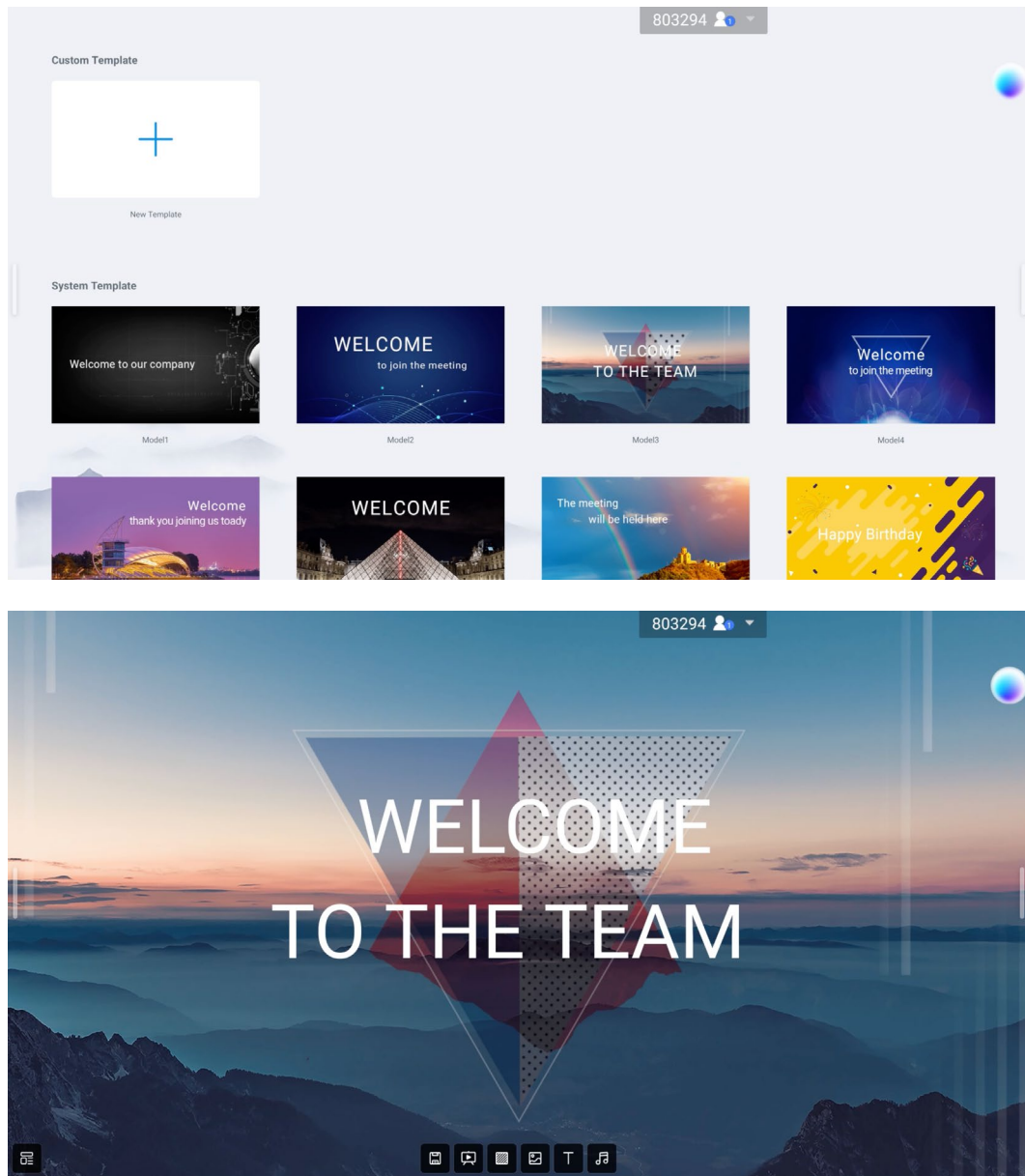
### 18.3 Easy Upload



Easy Upload 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.

## 18.4 Welcome



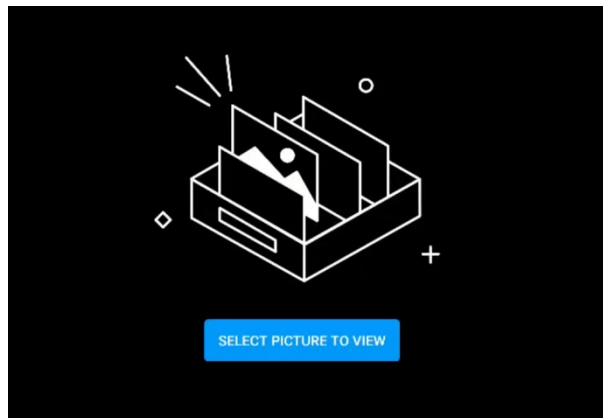
- (1) Welcome app built-in multiple templates, click to enter, users can modify and save as a new template;
- (2) After entering the template page, users can modify the background, text, music, etc. After setting, click play to display.

## 18.5 Screen Recorder



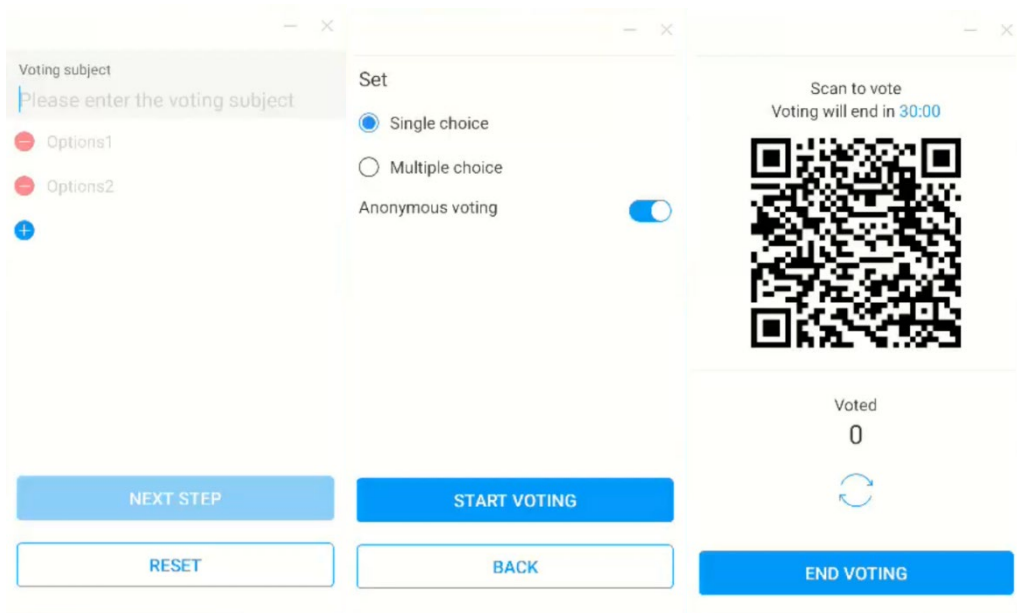
- (1) Tap the app icon to go to the app, which will open as a small window
- (2) Click "⏸" to start recording screen, start timing and recording screen; Click again to pause timing and screen recording;
- (3) Click "⏹" to end the recording screen and pop up the save option;
- (4) Click "▭" to minimize 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.

## 18.6 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.

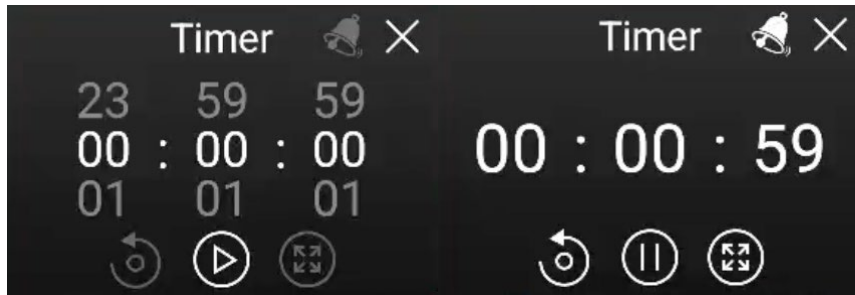
## 18.7 Votekit



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.

## 18.8 Timer



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

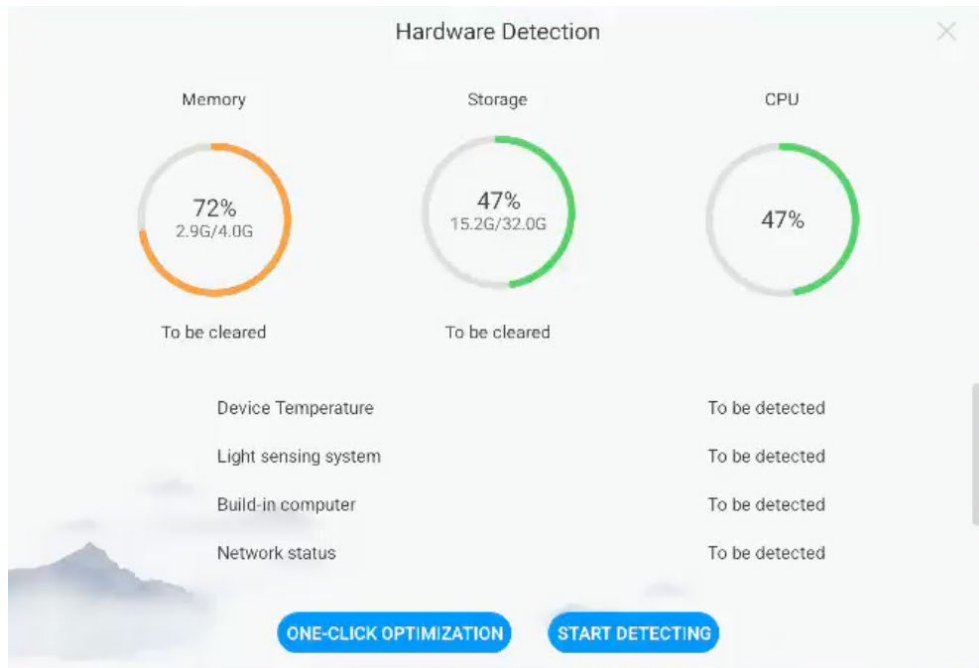
- **Stopwatch**

- (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.

## 18.9 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.

The content of this document depends on the actual product