



Funtech innovation

# innex Meeting Hub

EU series  
User manual

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# 1 About this document

Thank you for choosing innex Meeting hub EU series. Please use this document to get the most out of your screen. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:




- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**The symbol of the crossed out wheeled bin indicates this product should not be placed in municipal waste. Instead, dispose of waste equipment by taking it to a designated collection point for electrical and electronic equipment recycling.**








This document describes multiple functions, instructions, and notes about the product. Symbols are used in this document to indicate operations that need particular attention. The symbols are defined as follows:

 <b>NOTE</b>	Provides additional information to supplement operation in the main text.
 <b>CAUTION</b>	Indicates a potentially hazardous situation that, if not avoided, could result in equipment damage, data loss, performance deterioration, or unanticipated results.
 <b>WARNING</b>	Indicates a hazard with risk that, if not avoided, could result in death or injury.

## 2 Safety Instruction

For your safety, please read the following instruction before you use the product. Serious injury or property damage may be caused by improper operations. Do not try to repair the product on your own.

 <b>WARNING</b>	
	<p><b>Disconnect the product from the power supply immediately if major failures occur.</b></p> <p>Major failures include the following:            If smoke, a peculiar smell or an abnormal sound is discharged from the product.            No image or sound is displayed, or the image error occurs.            In the preceding scenarios, do not continue to use the product. Disconnect power supply immediately and contact professional staff for troubleshooting.</p>
	<p><b>Do not drop any liquids, metal, or anything combustible onto the product.</b></p> <p>If any liquids or metal are dropped onto or into the product, power off the product and disconnect the power supply. Then contact professional staff for solutions.            Pay attention to children when they are close to the product.</p>
	<p><b>Put the product on a stable surface.</b></p> <p>An unstable surface includes, and is not limited to, an inclined plane, a shaky stand, desk or platform, that might cause the product to turnover and be damaged.</p>
	<p><b>Do not open the panel or change the product on your own.</b></p> <p>High voltage components are installed in the product. When you open the panel, high voltage, electric shock, or other dangerous situations may occur.            If inspection, adjustment, or maintenance is required, contact the local distributor for help.</p>
	<p><b>Use the provided power supply.</b></p> <p>To prevent the product from being damaged, do not use any types of power cables other than the one provided with the product.            Use a three-wire socket and ensure that it is properly grounded.            Pull out the power plug from the socket if the product is not used for a long period.</p>
	<p><b>Clean the power plug regularly.</b></p> <p>Fire or electric shock may be caused if the product is powered on while you are cleaning.            Pull out the power plug before cleaning it with a dried cloth.</p>
	<p><b>Do not put items on the top of the product.</b></p> <p>Do not put items, such as a container for liquid (a vase, flowerpot, cosmetics, or liquid medicine) on the top of the product.            If any water or liquid is spilled on the product, the product may short circuit and cause fire or electric shock.            Do not walk on or hang any items on the product.</p>





## WARNING

	<p><b>Do not install the product in an improper place.</b></p> <p>Do not install the product in humid places, such as the bathroom, the shower room, near windows, or outdoor environments that experience rain, snow, or other harsh weather. Avoid installation near hot spring vapor. The preceding environments may cause faults in the product or electric shock under extreme conditions.</p> <p>Do not put an exposed fire source, such as a lit candle, on the product.</p>
	<p><b>Pull out the power supply during thunderstorms.</b></p> <p>Do not touch the product during a lighting storm, you may experience an electric shock. Install or place components that supply high enough voltage to cause personal injury out of the reach of children.</p>
	<p>Do not touch the power cable with wet hands.</p>



## CAUTION

	<p><b>Do not install the product in high temperature environments.</b></p> <p>Do not install the product near a heat source, such as a radiator, a heat reservoir, a stove or other heating products.</p> <p>Do not expose the product to direct sunlight, which may cause high temperatures and subsequent faults in the product.</p>
	<p><b>When transporting the product:</b></p> <p>Pack the product for transport or maintenance by using the cartons and cushioning material provided with the product.</p> <p>Move the product vertically during transport. The screen or other components are easily broken if the product is moved in an improper way.</p> <p>Before you move the product, disconnect all external connections and separate all topper preventing products. Move the product carefully to prevent it from being hit or squeezed, especially the screen, which may cause injury if broken.</p>
	<p><b>Do not cover or block up any vents on the product.</b></p> <p>Any overheated components may cause fire, damage the product, and shorten the service life.</p> <p>Do not lay the product down in a way where the venting surface will be covered.</p> <p>Do not install the product on carpet or cloth.</p> <p>Do not use a cloth such as table cloth to cover the product.</p>
	<p><b>Keep the product away from the radio.</b></p> <p>The product complies with the international EMI standard to prevent radio interference. However, interference may still exist and causes noise in the radio. If noise occurs in</p>



## CAUTION

the radio, try the following solutions.

Adjust the direction of the radio antenna to avoid the interference from the product.

Keep the radio away from the product.

**If the screen glass is broken or falls off.**

Keep all personnel 10 feet away from the screen to ensure safety.

Do not perform any installation or disassembly while the screen glass is broken or has fallen off.

**Use the battery correctly.**

Galvanic corrosion, electric leakage, and even fire may be caused by improper battery usage.

It is recommended to use the designated type of battery and install the battery by the correct electrodes (positive and negative).

Do not install and use a new battery with a used one.

Take out the battery if the remote control is not used for a long period.

Do not expose the battery to overheated environments, such as sunlight and or heat sources.

Dispose of the used battery based on your local regulations.

**Do not damage the power cable.**

Do not damage, change, twist, bend, or forcibly drag the power cable.

Do not put weights (such as the product itself) on the power cable.

Do not forcibly drag the cable when you pull out the power plug. If the power cable is damaged, please contact the local distributor to repair or replace it.

The power cable in the accessory box is for this product only. Do not use it on other products.

**Additional advice:**

Use the product in an environment with comfortable lighting. It is harmful to your eyes to watch in a too bright or too dark environment.

Relax your eyes watching for a period of time.

Keep sufficient distance from the product to protect your eyes and prevent eyestrain.

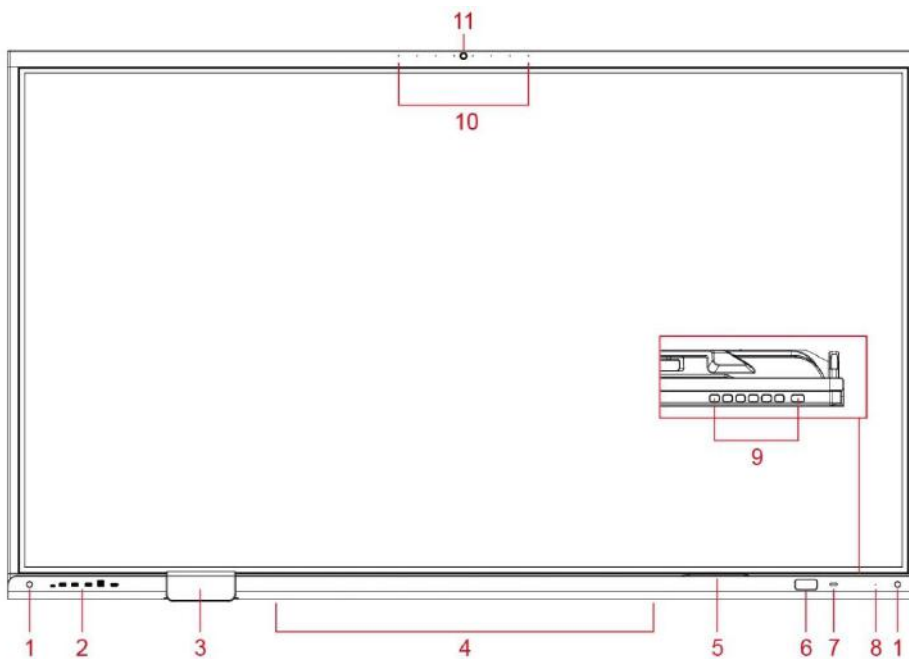
Adjust the volume to an appropriate level, especially at night.

### 3 Introduction

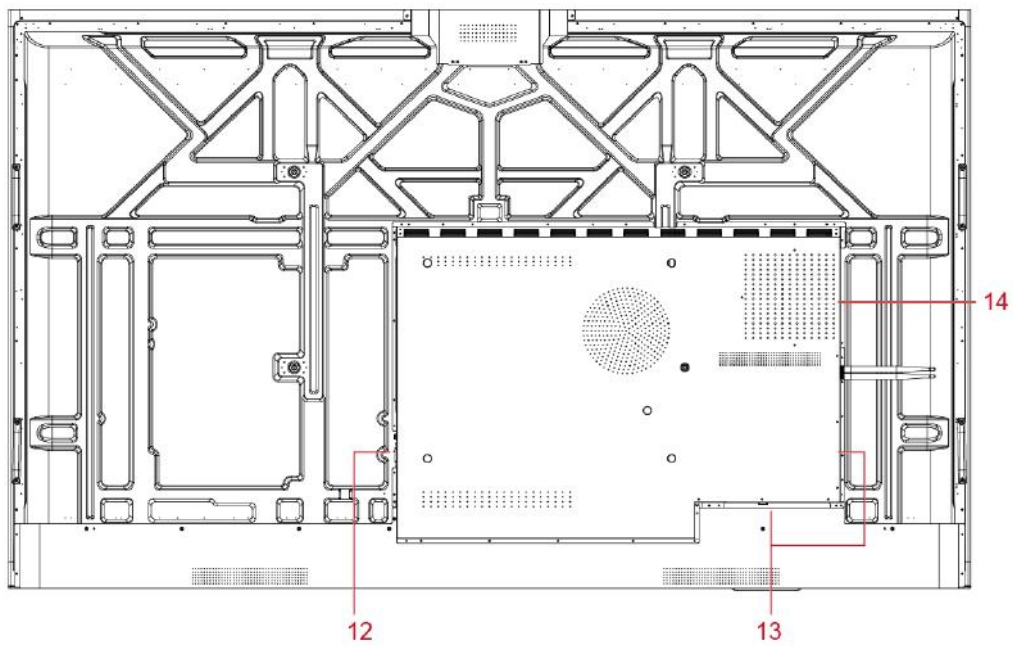
Increase productivity and collaboration across the board with a display that uses advanced touch technology. Each product can be customized to fit your needs. The non-proprietary nature lets you use the software you prefer, take notes on local files, wirelessly cast to the panel from smaller devices, run your favorite apps, and view multimedia files, all while making your experience better than before. The innex meeting hub EU series coming with 4K Ultra High-Definition LED screen also provides a fluid writing experience. Annotate anything on the screen, whether in the embedded whiteboard or while using any other device. Intelli-Touch automatically identifies pen thickness and color, saving you time.

#### 3.1 Parts

##### 3.1.1 Front View



### 3.1.2 Rear View



1	Motion Detector	8	Status indicator
2	Front ports	9	Buttons
3	Eraser	10	Microphones
4	Speaker	11	Camera
5	Stylus pen	12	Power supply plug
6	NFC	13	Rear ports
7	IR receiver & light sensor	14	OPS slot

**Notes:**

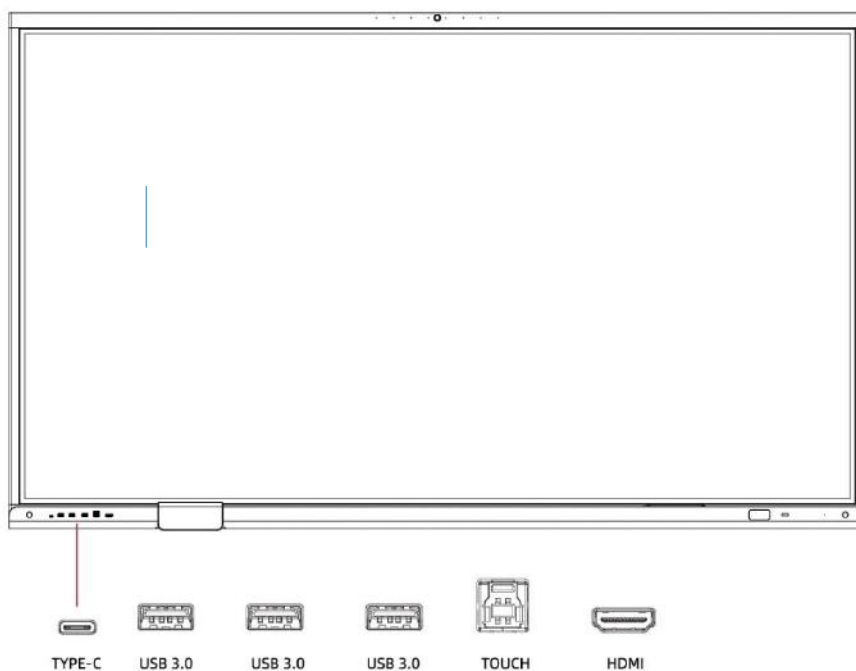
The product images shown are for illustration purposes only and may not be an exact representation of the product.

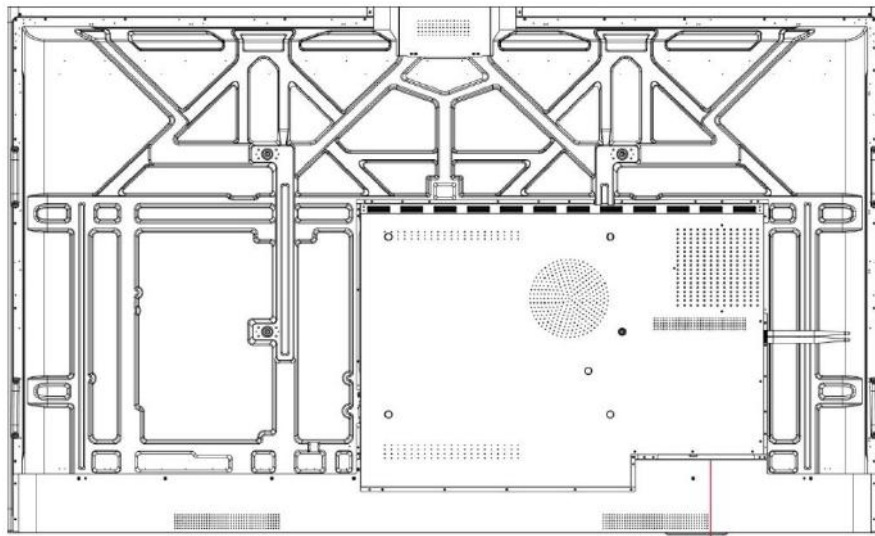
## 3.2 Ports












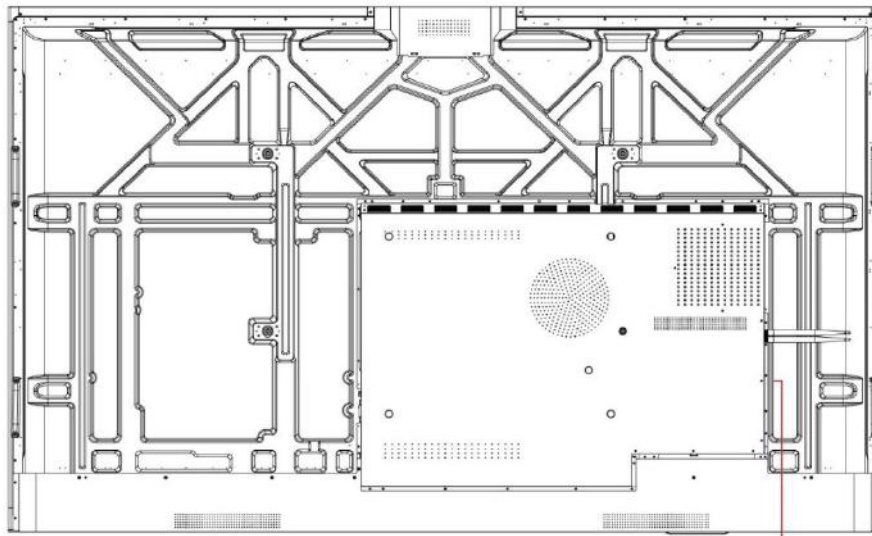
### CAUTION










- *Front USB ports and rear USB 3.0/USB 2.0 ports switch connections based on signal sources. If the current signal source is reading the data from an external product connecting to the port, please switch the signal source after the data reading is complete. Otherwise, the data or product may be damaged.*
  - *For USB use, USB 2.0 provides up to 500Ma whereas USB 3.0 provides up to 900Ma of power. Please make sure the USB flash drive is formatted to NTFS or FTA 32 before inserting into the panel.*
- 



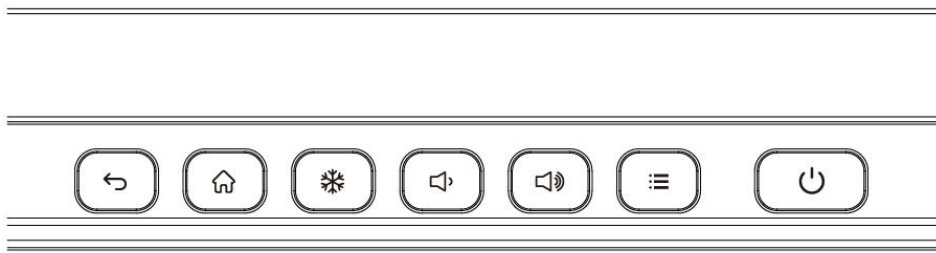









-   
Mic  
In
-   
Earphone  
Out
-   
Optical  
Out
-   
RS232
-   
HDMI  
Out
-   
Type-C  
Out
-   
RJ45-1
-   
RJ45-2
-   
Android  
USB 3.0



-   
HDMI 1 In
-   
Touch
-   
HDMI 2 In
-   
HDMI 3 In
-   
Type-C In
-   
DP In
-   
Public  
USB3.0
-   
Public  
USB2.0
-   
TF

### 3.3 Buttons

























Buttons	Operations	Functions
	Short press	Power on Solid Blue color : Display is on and working
	Long press for more than 2 seconds	Power off Solid red color : Display is in shut down mode
	Short press	Open the Quick Setting menu
	Short press	Adjust the Volume up
	Short press	Adjust the Volume down
	Short press	Freeze
	Short press	Go to the home page
	Short press	Return to upper level

### 3.4 Remote Control








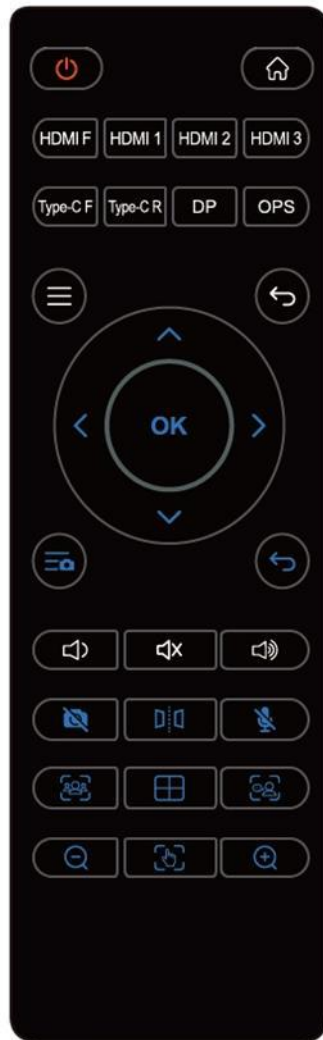
Carefully read the following instructions before using the remote control to avoid possible faults:

- Do not drop or damage the remote control.
- Do not spill water or other liquids on the remote control.
- Do not place the remote control on a wet object.
- Do not place the remote control directly under sunlight or near a heat source.

	Key	Function
	Power on	Power on off the innex meeting hub
	Home	Android home page
	HDMI F	Switch to front HDMI port
	HDMI 1	Switch to rear side HDMI1 port
	HDMI2	Switch to rear side HDMI 2 port
	HDMI3	Switch to rear side HDMI 3 port
	Type C F	Switch to front side Type C port
	TYPE C R	Switch to rear side Type C port
	DP	Switch to rear side DP port
	OPS	Switch to OPS
	Menu	Press to show the sidebar
	Return	Back to previous step
	Vol-	Press to reduce speaker volume
	Mute	Press to mute the speaker
	Vol+	Press to increase speaker volume
	Camera off	Press to block the camera image
	OSD Mirror (camera)	Press to mirro OSD
	MIC Off ( camera)	Triggle MIC mute and un mute
	Auto frame( camera)	automatically adjusts the camera's field of view to capture all participants in the view while cropping out distracting backgrounds.
	Gallery mode	Automatically cropping out the participants in a grid view to provide a immersive meeting experiene. Apply for less than 5 people and the distance within 2.5 meter.
	Speaker tracking	Automatically traking and croppingg out the participants who is speaker.
	Zoom-	Zoom out the camera FOV



	Key	Function
	Manual	Manual mode with FOV 120
	Zoom+	Zoom in the camera FOV
	OK	Confirm
	CAMERA menu	MEN of camera. OSD will showed under FOV 120
	RETURN	Back to the previous step



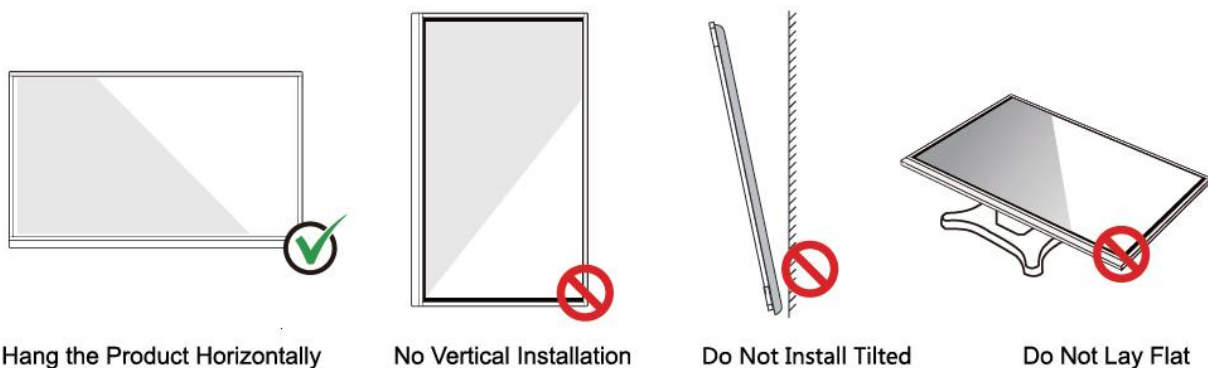
## 4 Installation Guide

### 4.1 Safety Precautions

#### Installation Environment



#### 4.1.1 Installation Direction



### 4.2 Installation Precautions

#### 4.2.1 Weight Loading

Weight of the product: 62kg (86INCH), 55 kg (75INCH), 42kg (65INCH)

When using a mobile stand, ensure that the weight of the product is less than the loading capacity of the mobile stand.  
When using the wall-mount bracket, ensure that the wall can support the weight of the product. We recommend that the wall

surface be reinforced and have a loading capacity 4 times of the weight of the product. Consult a professional installer for wall-mount installation.

Attaching the VESA Mounting Bracket. This apparatus is intended to be supported by a GS Listed wall-mount bracket.

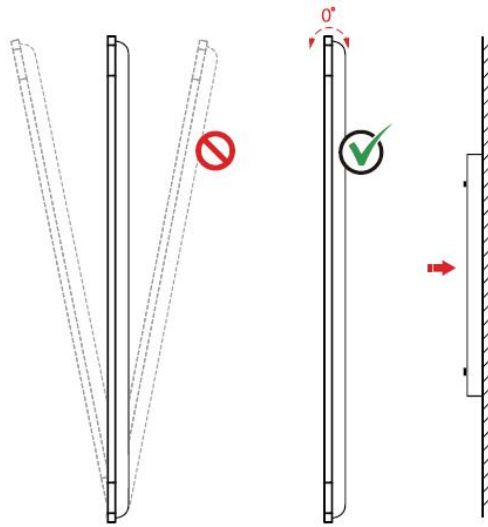
 **NOTE**

*The company does not undertake relevant legal responsibility for any problems caused by improper operation if the third party mobile stand, or wall-mount bracket is beyond the scope of the product.*

- Do not install the product where it might be hit by an opening or closing door.

### 4.3.3 Vertical installation

When installing the panel, try to keep the panel vertical. An excessive tilt angle may cause damage to the glass or other internal components.

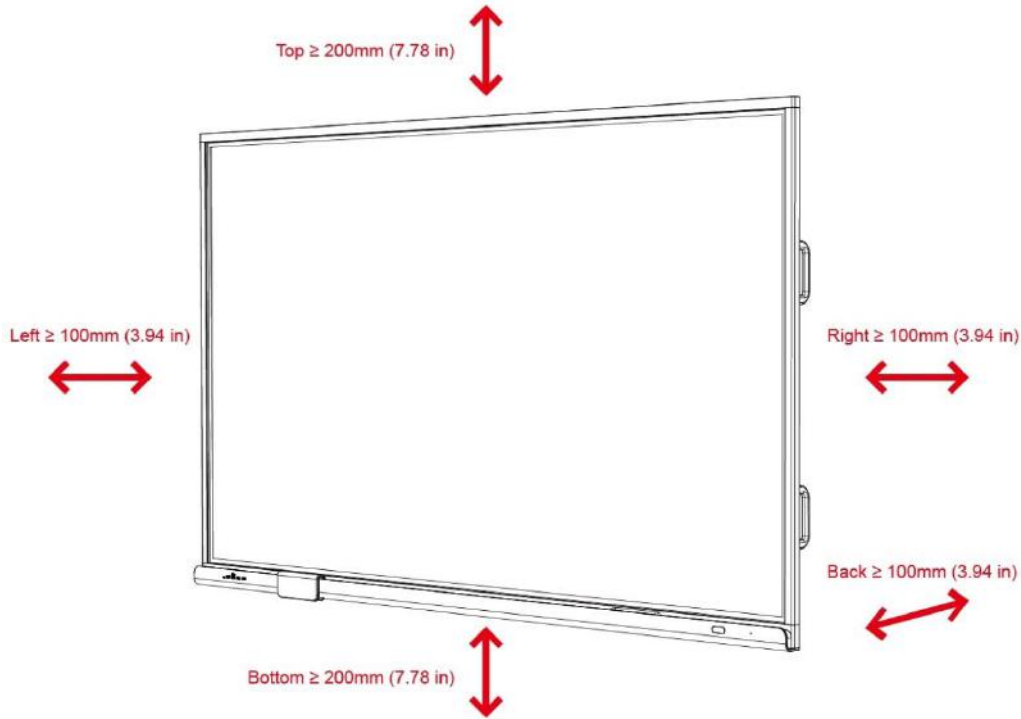


 **NOTE**

*For any problem, please contact our support desk. Our company is not responsible for any damage or losses incurred by users if the users fails to follow the instructions.*

## 4.4 Ventilation

Ensure adequate ventilation and/or an air conditioned environment. We recommend keeping certain distances from the side of the product to the wall or panels. Ventilation requirements are shown in following figure:

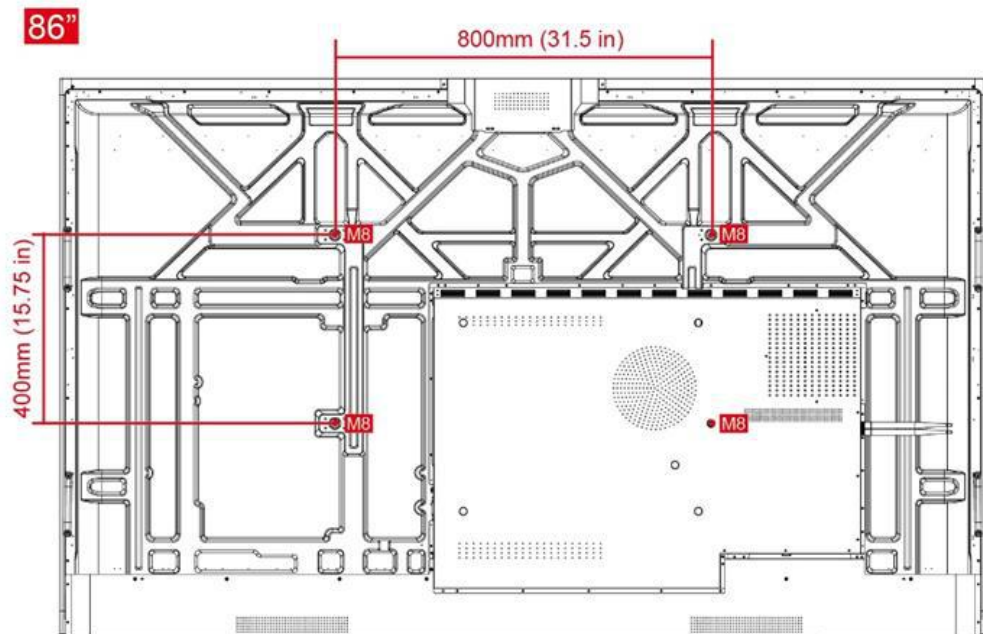


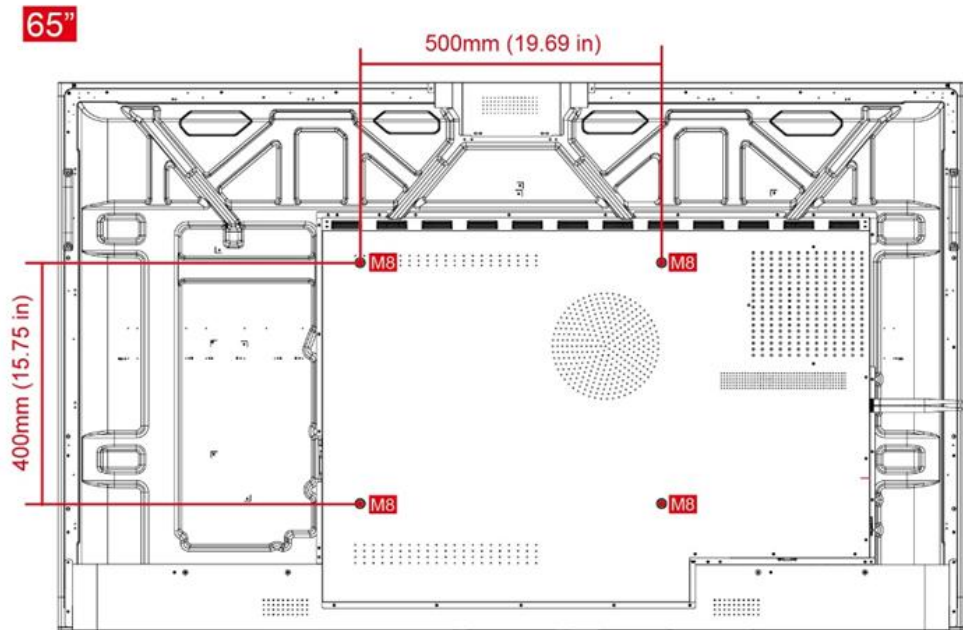
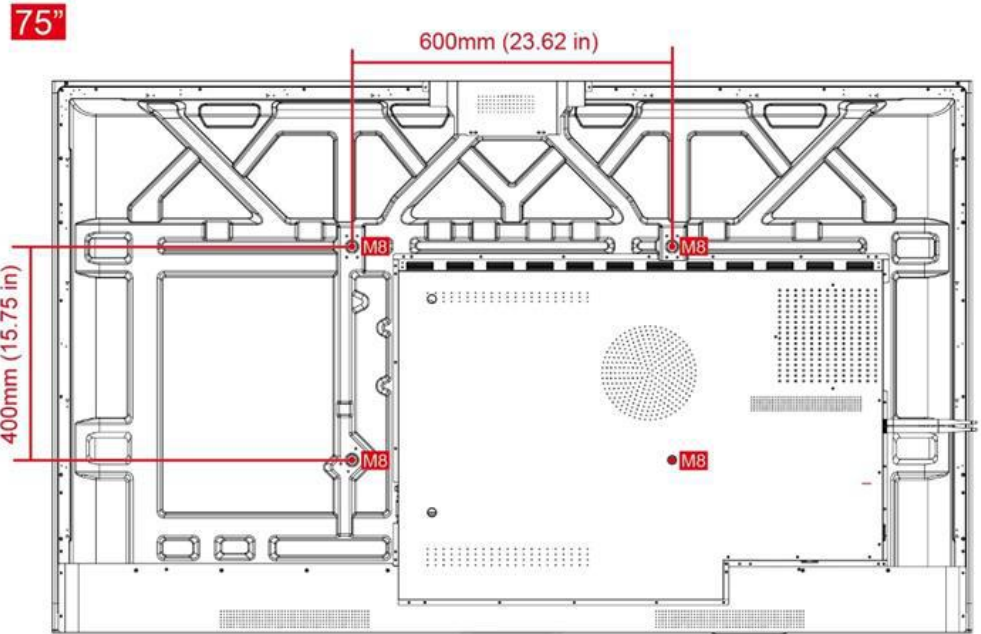
#### 4.4.1 Installation

The dimensions of the four bracket mounting holes on the back panel are VESA MIS-F compliant (86 inch : 800 x 400 mm / 31.50 x 15.75 in). Use metric M8 screws with a length of 10 mm to 15 mm (0.40 to 0.59 in) to secure the touchscreen to the mounting system. Dimensions of the mounting holes on the back panel are shown on the following figure:

**NOTE**

*Consult a professional installer to install the display product.*



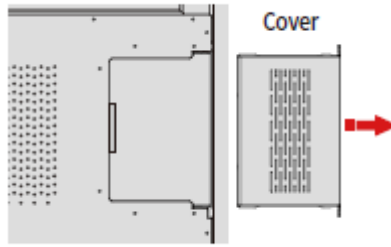


## 4.5 Installing the OPS (Optional)

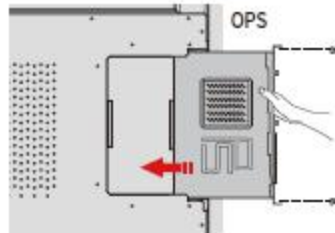


*The OPS does not support hot plugging. Therefore, you must insert or remove the OPS when the display is powered off. Otherwise, the display or OPS may be damaged.*

You will need to purchase the OPS separately. Perform the following steps to install the OPS. Unscrew the M4 screws by hand to remove the OPS protective cover.



Push the OPS into the OPS port on the rear of the panel until firmly seated, using the M4 screws to secure the OPS.



## 5 Getting Started

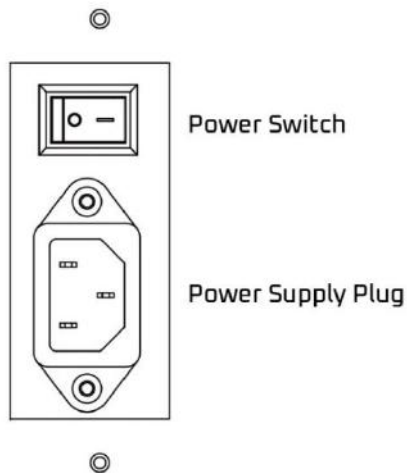
### 5.1 Power On



Ensure the power cable is fully seated into the panel and wall outlet before powering on the panel. Please confirm your wall outlet supports a power range of 100V to 240V with frequency at 50 Hz/60 Hz  $\pm$  5% and is fully grounded.

 **NOTE**


*The power outlet should be installed near the equipment and should be easily accessible.*



Flip the power switch located on the side of the product to "I".



Press the power button  on the front control panel or  on the remote control.

## 5.2 Power Off

Press the power button  on the front panel or the power button  on the remote control to enter sleep mode.

Long press the power button  on the front panel or the power button  on the remote control to turn off the panel in the following situations:  
If you want to completely turn off the panel, turn off the rocker switch behind the panel (next to the power socket) and unplug the power cord.

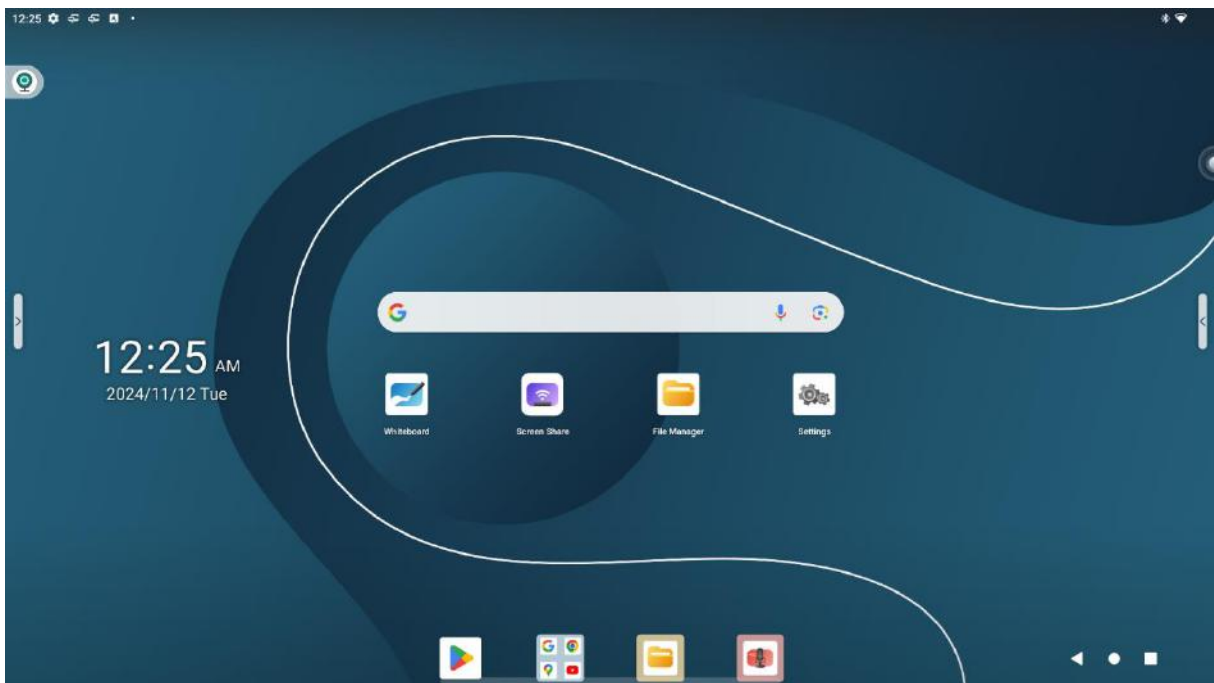
### NOTE

- When the panel display enters sleep mode or shutdown, the system will first detect whether the OPS Computer is turned off. If not, the system will first turn off the computer before entering sleep mode or shutdown.
- Please properly shut down the panel before disconnecting the power source or it may cause damage. Accidental power failure may cause damage to the panel.
- Do not repeatedly turn the power on & off in a short period of time as it may cause malfunction.

## 6 Operation system

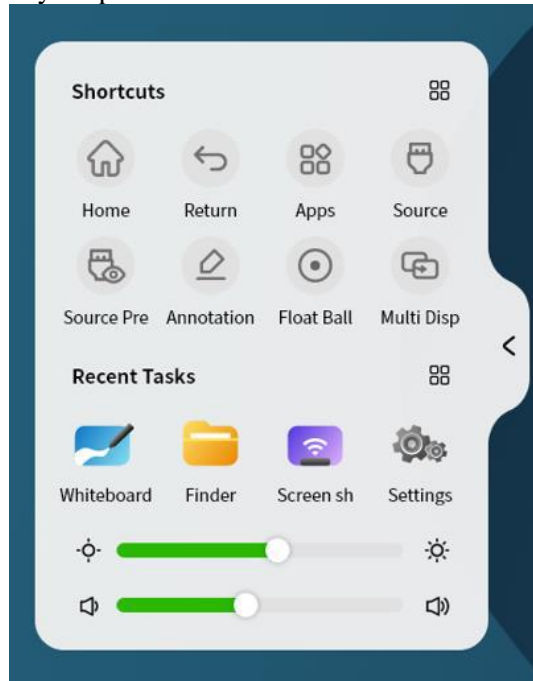
### 6.1 System home page

#### Homepage



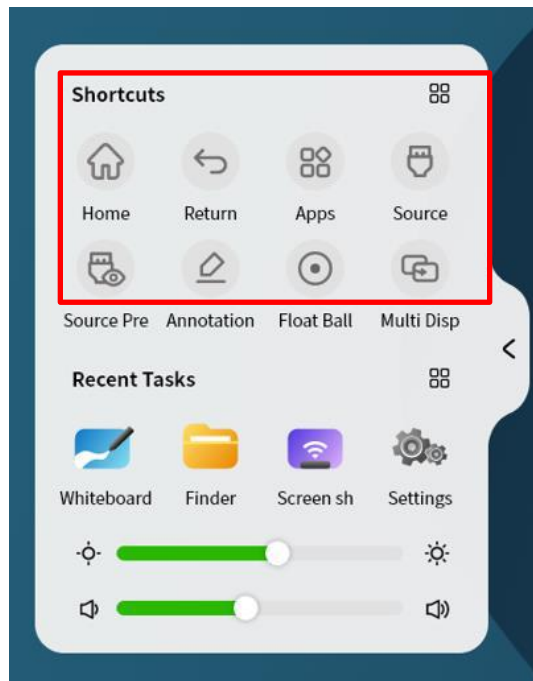
## 6.2 Slide Menu

Slide menu provides convenient access to frequently used tools and functions directly on-screen. This includes tools for recent tasks, screen brightness, and volume control. By default, the slide menu is hidden; press the menu button to display it. You can adjust the visibility settings manually to suit your preferences.



### 6.2.1 Shortcuts

Supporting replaced tools on navigation bar menu,maxim 8 tools at the same time.





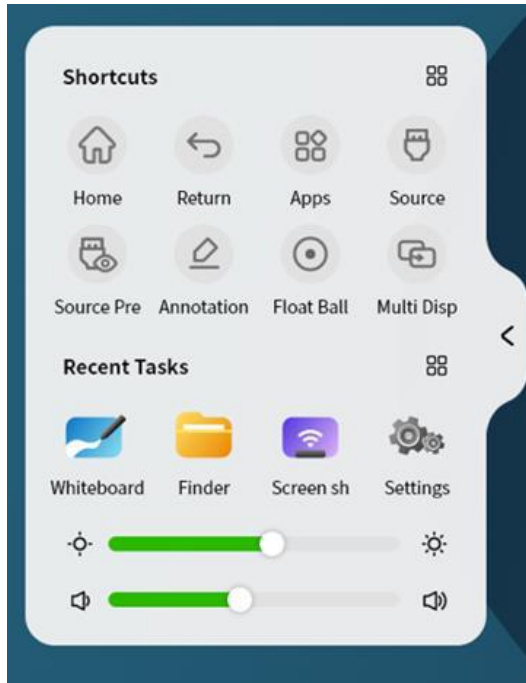
## 6.2.2 Replaced Tools

- Press 'More' on navigation bar menu.
- Then Press 'Edit' on All shortcut's menu.
- Last press 'Saves' after edit tools.



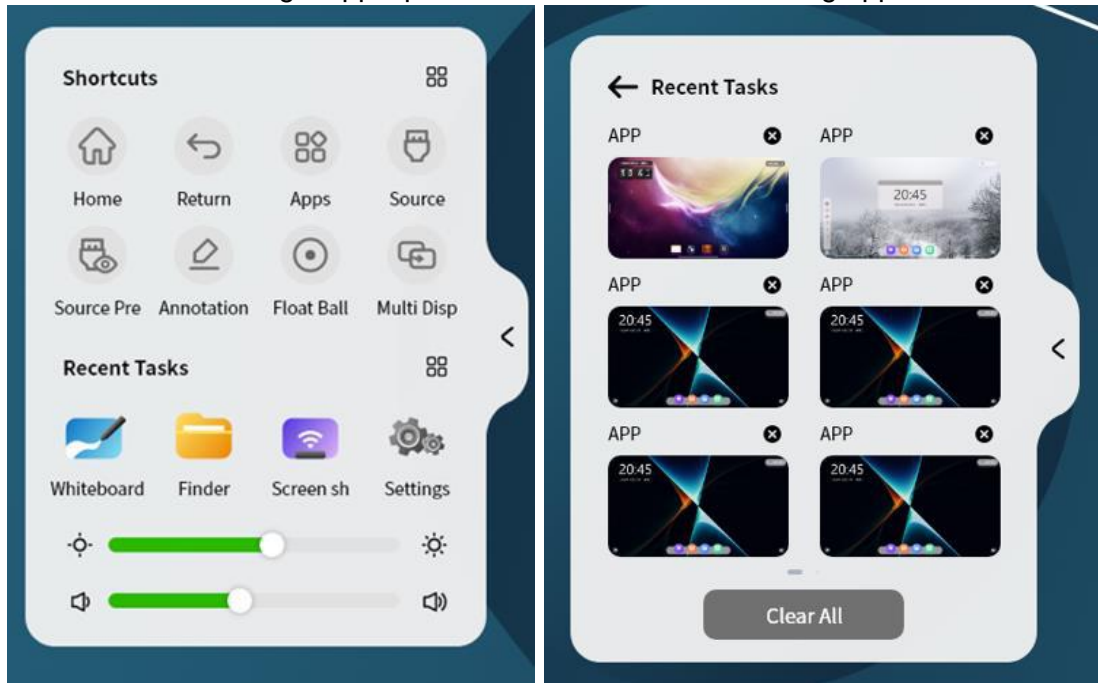
### 6.2.3 Recent Tasks

Shows the recent apps running in background on Android.



## 6.2.4 Clear running apps

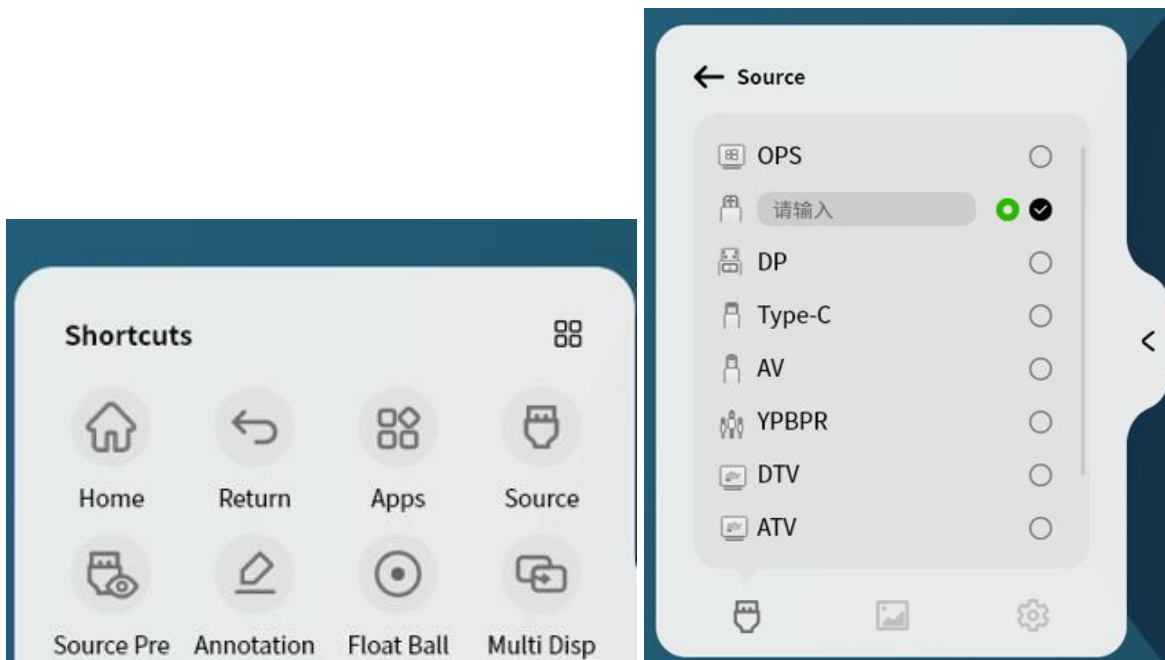
- Press Shortcuts-Recent Apps- 'More'
- Press 'x' to delete single app; press 'clear all' to clear all running apps



## 6.2.5 Signal source menu

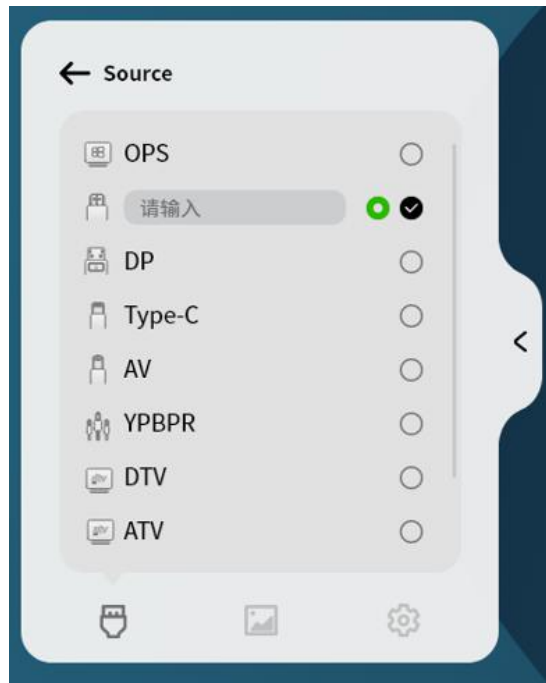
For convenient switching of signal source channels. In the source menu, it supports changing the source channel name, checking whether the channel has a source access and showing the current channel position. How to open:

- Open the navigation bar menu
- Press 'source' in shortcuts



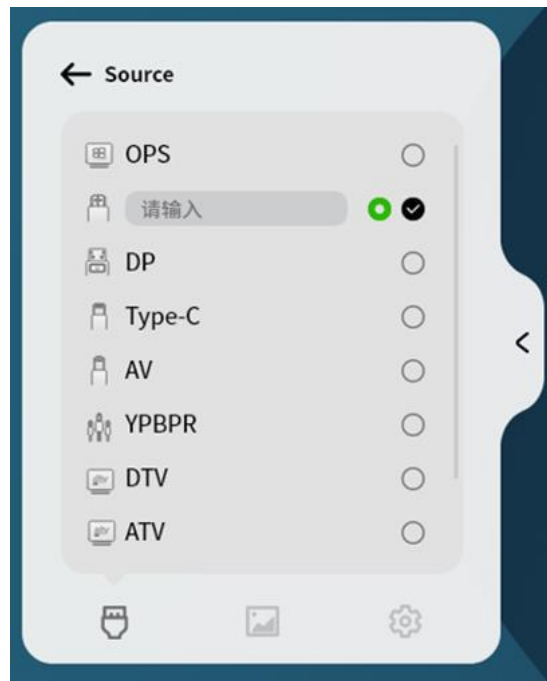
### 6.2.5.1 Signal source detection

When the innex meeting hub is connected to a signal source, the channel will light up a green point in the signal sourcemenu to remind the channel has a signal input successfully.



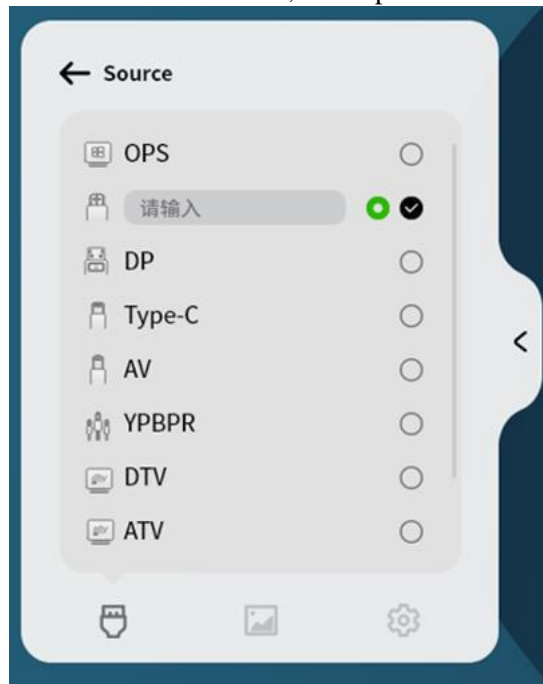
### 6.2.5.2 Signal source change name

Long press the source name for 1 second, you can rename the source channel, maximum input 16characters;



### 6.2.5.3 Current channel position

If the '✓' appears to the right of the channel name in source menu, this represents the current channel position.

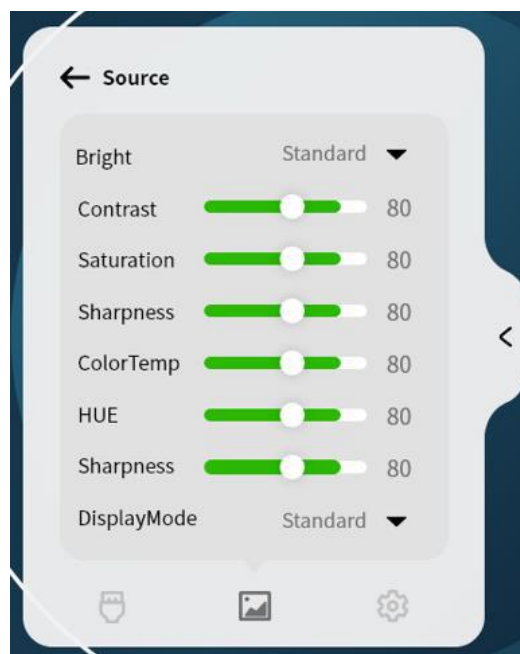


### 6.2.5.4 Signal Source Menu - Image Settings

You can customize the image display mode of the signal source screen. In addition, you can set the display ratio and the color temperature function. However, the image setting page can only be set under the signal source channel, but cannot be set under Android channel. e.g. If the images setting let you feel uncomfortable, system also support reset default settings .

How to open:

- Choose 'Source' in navigation bar menu.
- Choose 'Pic mode'.



### A. Pic Mode

There are 4 types of image modes: standard, soft, bright, and user mode. Only in user mode user could customize the display mode parameters.

### B. Display Mode

Display mode support 16:9、 4:3、 Dot to Dot. Default setting is 16:9。

### C. Colour Temperature

The color temperature has 3 modes. Normal, cool and warm, which can be customized according to personal needs.

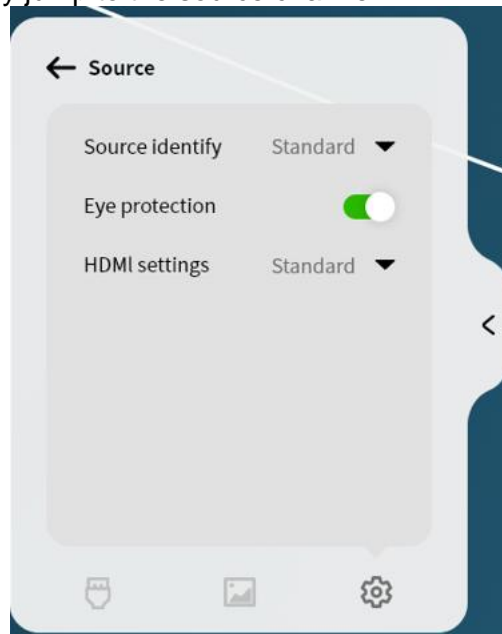
#### 6.2.5.5 Signal Source Menu - More Settings

How to open:

- Choose 'Source' in navigation bar menu.
- Select the 'more' icon as shown in the picture

#### A. Source Detection

- Automatic switch: when the large screen accesses the signal source, the system will automatically switch to the source channel;
- Ask to switch: when the large screen accesses the signal source, the system will prompt whether to jump to the source channel;
- Closed: When the large screen accesses the signal source, the system will not prompt for signal access and will not automatically jump to the source channel.



#### A. Eye protection

Turn on the intelligent eye protection function, the large screen will adjust the screen color temperature and reduce blue light. Red and yellow light makes the screen display warmer and softer.

### 6.2.5.6 HDMI Setting

This setting exists only on the HDMI channel for support of HDMI CEC



#### A. **HDMI Control(HDMI CEC)**

- Used to control the devices that support HDMI CEC function, after opening the function, use the remote control to operate the up, down, left, right, OK, back, pause play, fast forward, fast backward, previous song, next song buttons, you can directly control the CEC device.
- How to open:
- Connect the HDMI CEC-enabled device to the HDMI IN port of the large screen with an HDMI cable
- Switch the screen signal channel to HDMI
- Navigation bar - signal source - more settings - HDMI settings - open the HDMI control function
- Use the remote control to press up, down, left, right, OK, back, pause play, fast forward, backward, the previous song, the next song

#### B. **Automatic shutdown (HDMI CEC)**

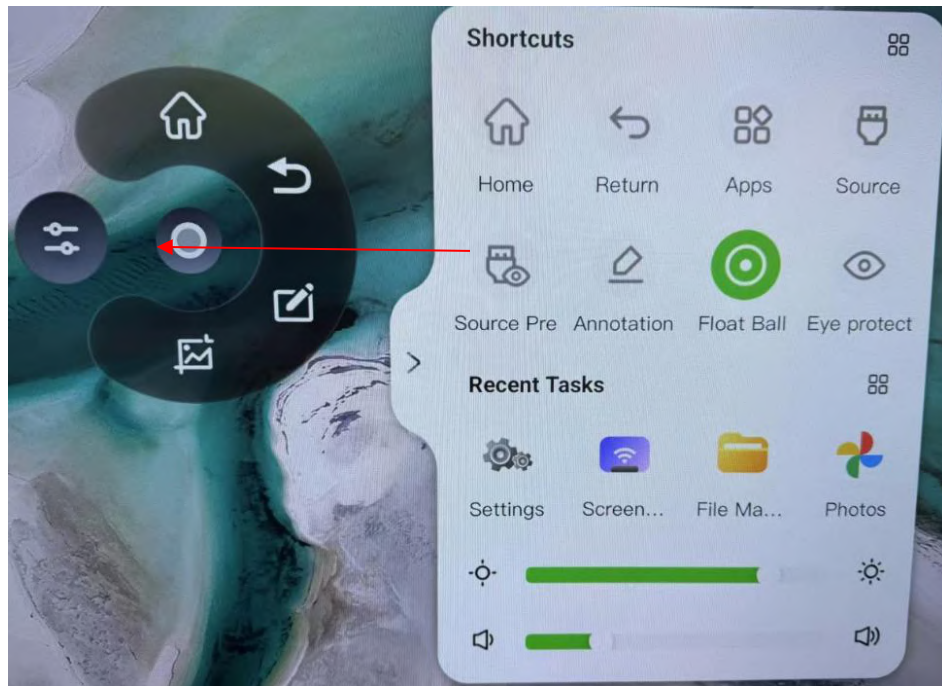
Turn on the automatic device shutdown function for both the large screen and the HDMI CEC device. Let the CEC device use HDMI cable to connect to the HDMI IN port of the large screen. Use the remote control to press the power button to control the large screen to shut down, the large screen will control the CEC device through HDMI CEC function to also enter standby.

#### C. **TV automatically turns on (HDMI CEC)**

Turn on the TV auto power on function. Let the CEC device use the HDMI cable to connect to the HDMI IN port of the big screen. When the big screen is in standby, use the remote control of the CEC device to control the CEC device to turn on the TV, and the CEC device will wake up the big screen through the HDMI CEC function.

## 6.2.6 Floating ball

Floating ball function is default off, mainly used to store frequently used functions. Support up to 4 frequently used functions + 1 floating ball edit function.



### 6.2.6.5 Floating ball operation

#### A. Show the floating ball

- Press the floating ball in navigation bar
- A white transparent ball will appear in the center of the screen
- Press it, the floating ball will expand automatically

#### B. Replace function

- Press the floating ball edit button;
- After the ball expand pick 4 functions;
- Press  $\checkmark$  to save.

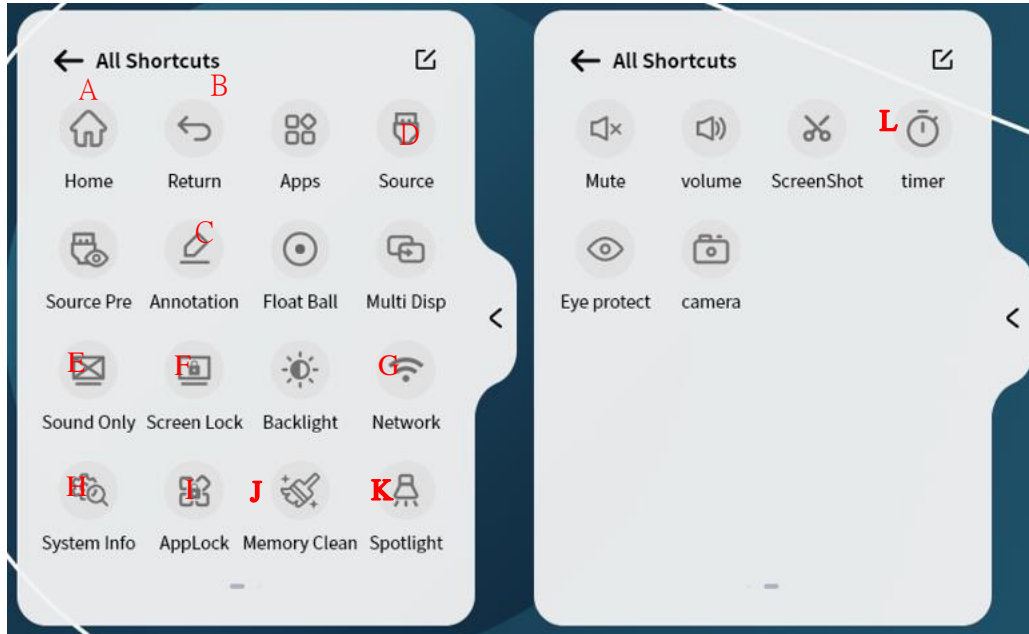




C. **Floating ball automatically hides**

After dragging the hover ball out, if there is no operation within 5s on the screen, the floating ball will be automatically hidden against the sides of the screen.

6.2.6.2 Floating ball function introduction



A. **Home: Return to Android homepage.**

B. **Back: back to the last screen.**

C. **annotation: open the annotation**

D. **source: open the source menu.**

E. **Sound Only: turn off the screen light.**

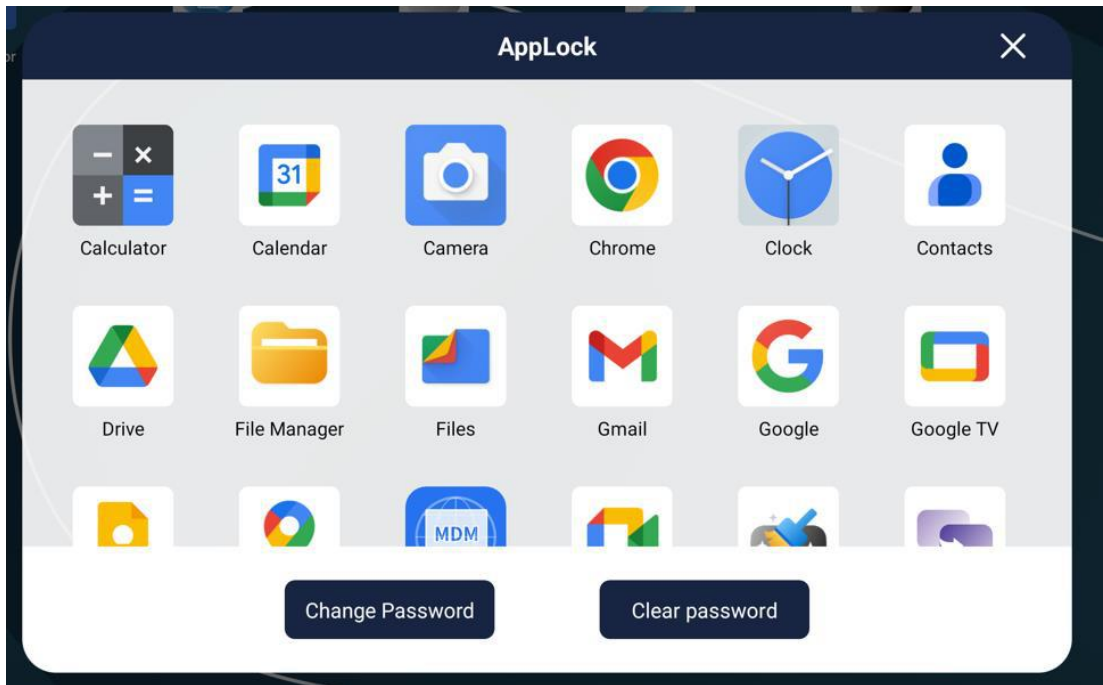
F. **Screen Lock: lock the screen(need to open the screen lock function in setting);**

G. **Network: a quick access to Network Settings**

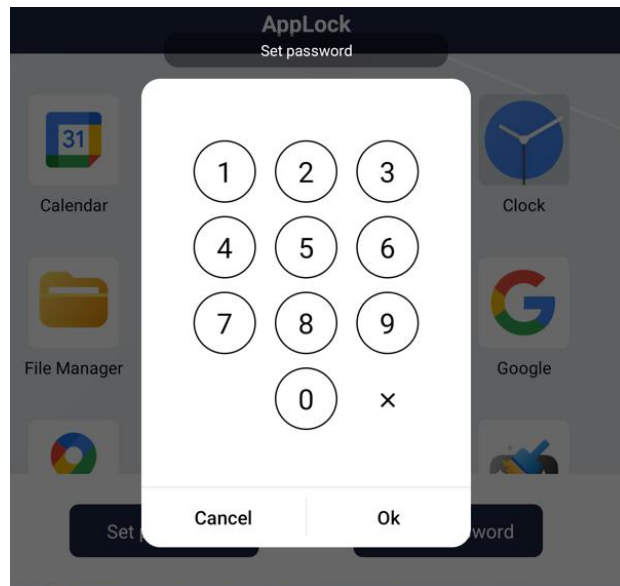
H. **System Info:Check the memory, storage remaining, light sensor and network.**

I. **APP Lock**

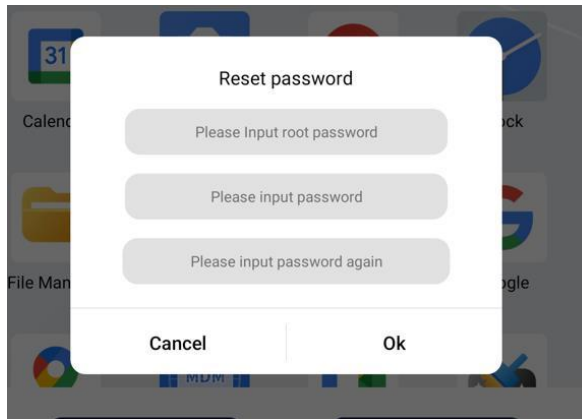
For application locking. Enter the correct password to unlock the application.



- Set password  
Set 4 digits for the password.



- Change password  
Entering the previously set app lock password or using the super password: 2580; then re-enter the new applock password to change the app lock password.

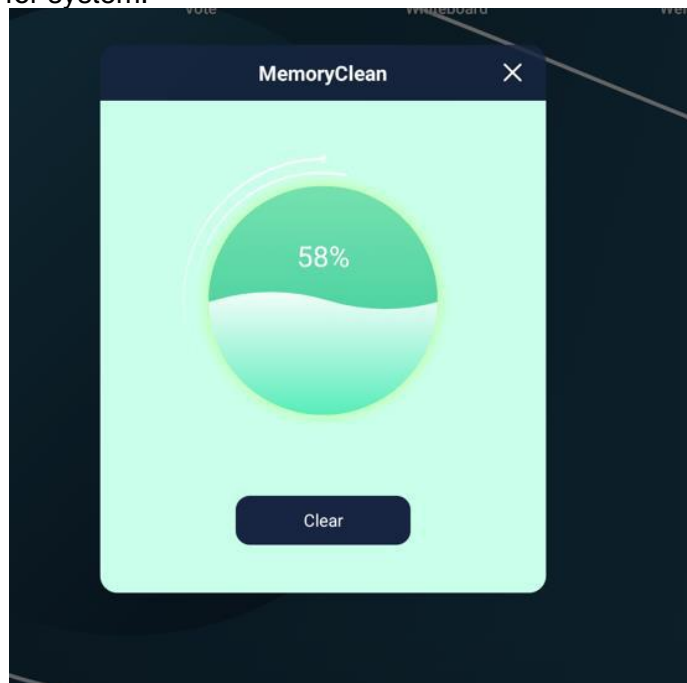


- **Clear password**

Enter the application lock password setting before or use Super Password: 2580, then clearing the application lock password.

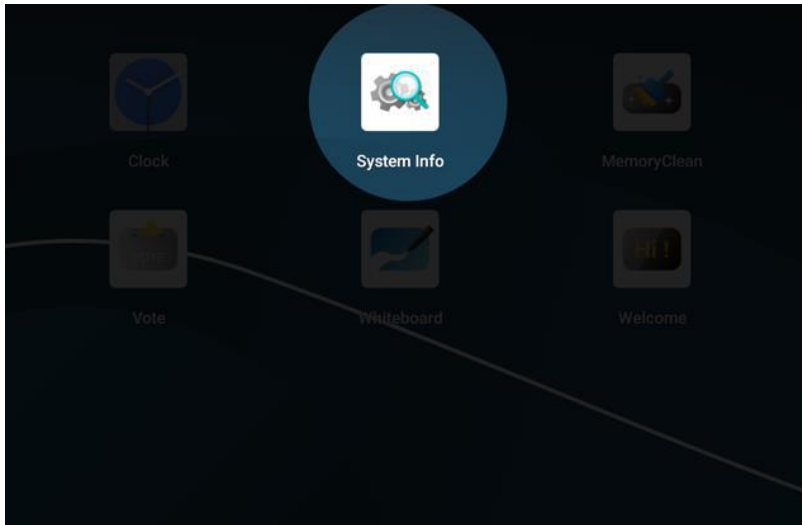
**J. Memory Clean**

Clear the running process, release space for system.



**K. Spotlight:**

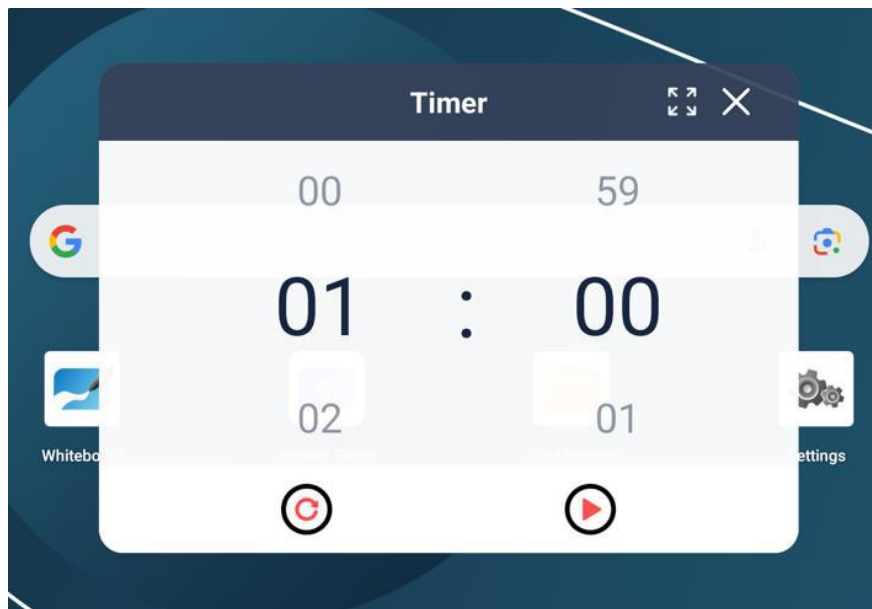
open the spotlight to focus the user's gaze; the size of the spotlight can be adjusted by touching.



- Mute: Mute or unmute.
- Screenshot: Swipe screenshot or capture full screen. The picture will automatically saved in the Pictures folder of the file manager;

## L. Timer

For reminder, maximum 1 hour.

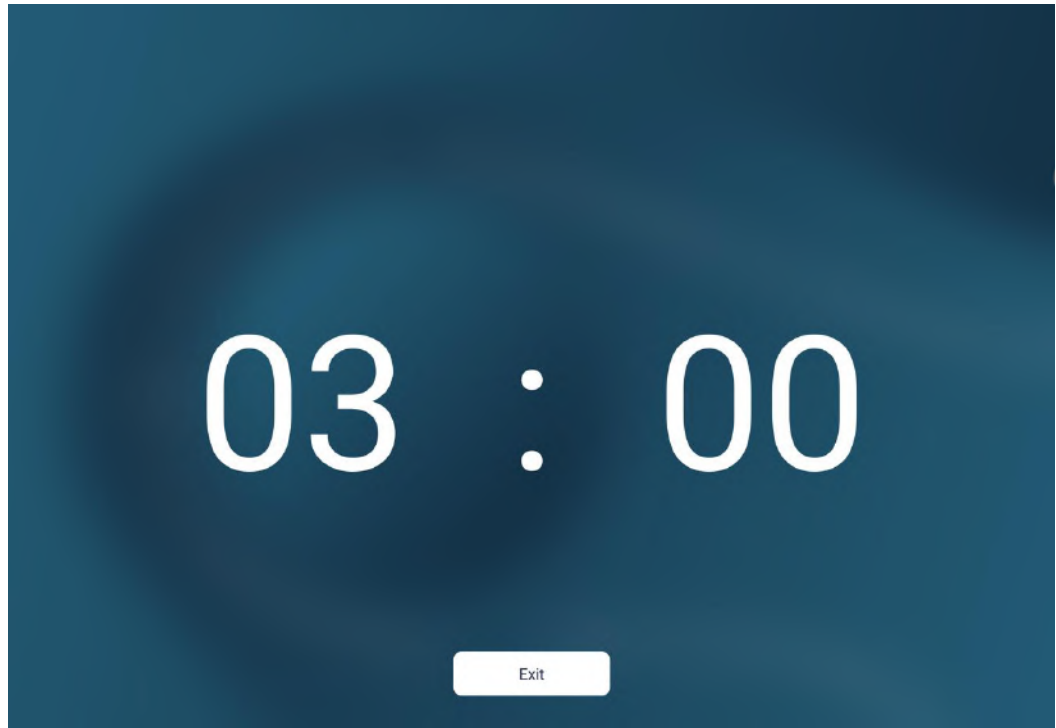


Instruction:

- Start Timer: After setting the time, press the start button.
- Reset timer: pause the timer first, then press reset timer, re-count down the timer.
- Close timer: Press 'x' on the upper right corner of the timer to close the timer.
- Minimize timer: After starting the countdown, no operation for 10 seconds, timer will automatically scale down and transparent.



- Expand timer: Press the zoom button on the upper right corner of the timer to expand the timer full screen.



### 6.2.6.2 Screen wake up

The display has a variety of ways to wake up

### 6.2.6.3 RS232 Wake up

Wake up via RS232 command.

When the device is in standby, send commands through the RS232 port, and the big screen will turn on upon receiving the commands.

- The command to wake up the big screen: 55 00 8E 00 E3
- Baud rate: 38400

### 6.2.6.4 Wake up on LAN

Wake up via network.

- Turn on the network wake-up function in settings
- Connect to wired network
- Windows PC stays on the same LAN as the big screen
- Wake Up Network tool on the PC
- Find the IP address of the big screen and you can wake it up

### 6.2.6.5 HDMI Wake up

When screen standby, the HDMI signal source can be inserted to wake up the large screen.

- Turn on Wake on HDMI in settings
- Display is in standby mode
- Connect the device via HDMI IN port to wake up the display

### 6.2.6.6 HDMI CEC Wake up

Power on the HDMI CEC device to wake up the display.

- Switch to HDMI channel
- Slide Menu - Signal source menu -More Settings-Turn on the automatic power on function
- The large screen is connected to a CEC device with HDMI CEC function. (e.g.TV box or DVD)
- Connect the CEC device to the HDMI IN port of the large screen using an HDMI cable.
- Power on the CEC device to wake up the display.

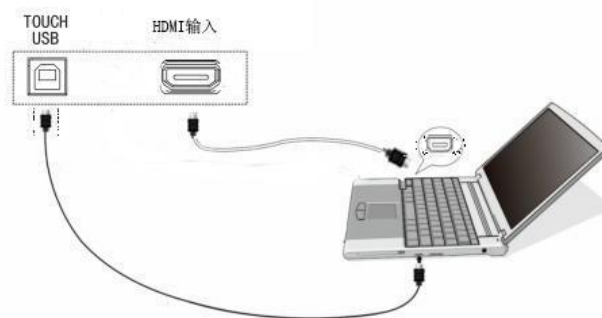
## 6.2.7 Signal source and touch connection method

When using a computer for wired screen casting to the display, the touch can also be transmitted to the computer.

- HDMI 1/2/3 and DP uses the same TOUCH USB (Port J6)
- Front TYPE-C IN comes with touch
- Rear TYPE-C IN comes with touch
- OPS Come with touch
- Front HDMI IN using front TOUCH USB-B

### 6.2.7.1 HDMI IN wired screen casting and touch cable connection

- Using an HDMI cable, connect the HDMI output port of the computer to the HDMI IN port of the display
- Using the USB-B to USB-A cable, connect the external computer's USB-A port to the motherboard's TOUCHUSB-B touch port



### 6.2.7.2 TYPE-C IN wired screen casting and touch cable connection

You need to use the TYPE-C cable that supports DP, and the device that supports TYPE-C screen casting, to cast the screen of the device to the big screen; and that the TYPE-C should come with USB data transfer function, so that touch data can be sent through.

The front TYPE-C also supports 100Mbps Ethernet sharing function to provide network for the device



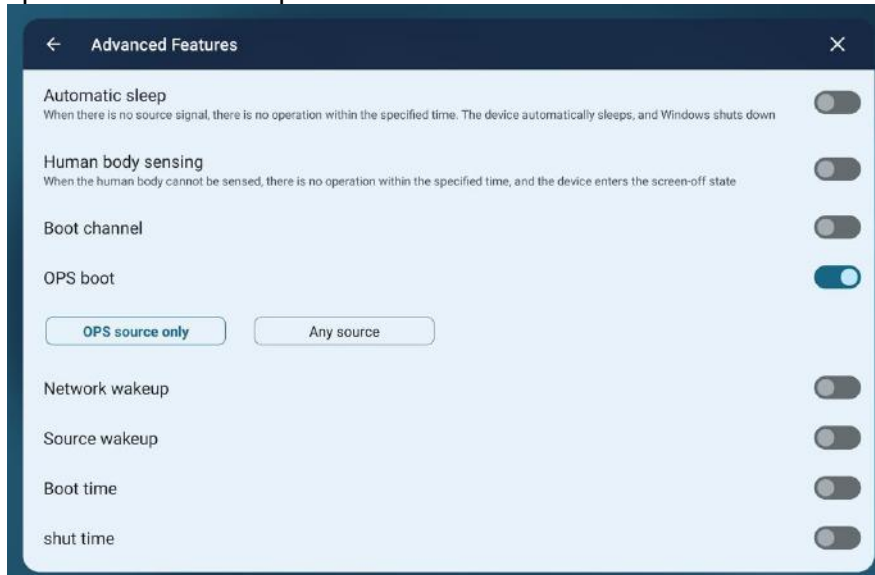
## 6.2.8 OPS Function

OPS includes various functions such as HDMI 2.0 IN, UART, USB 3.0 Follow, 1000Mbps Ethernet sharing, OPS switch on/off, and signal detection function.

### 6.2.8.1 OPS switch on/off

Display controls OPS to switch on or off automatically

- Switching to OPS channel, choose manually open OPS.
- In settings, open the OPS boot option and choose the OPS self-start



- When the large screen shuts down, it will automatically control the OPS to shut down first, then shut down the large screen after the OPS completely shuts down.

### 6.2.8.2 OPS built-in UART

Open the serial port tool and connect to COM2 port to use the serial port function.

### 6.2.8.3 USB 3.0 Follow

OPS channel can mount the USB device connected to the Public USB3.0 port on the large screen and supports up to USB3.0. Also supports touch follow function.

### 6.2.8.4 Ethernet Sharing

OPS function supports 1000Mbps Ethernet follow function, when the RJ45 port of the big screen is connected to Ethernet, the display can provide Ethernet for OPS, the maximum support is 1000Mbps.



## 6.2.9 HDMI Function

The innex meeting hub supports up to 4 HDMI IN to access the signal source at the same time, respectively HDMI1/2/3 IN and Front HDMI IN; also supports HDMI OUT up to 8K 60Hz image output。

### 6.2.9.1 HDMI ARC/eARC

HDMI 1 IN can use ARC/eARC (only HDMI1), when HDMI1 is connected to ARC/eARC audio, the bigscreen can transmit the sound back to the audio.

How to use:

- The audio used needs to support ARC/eARC function;
- THDMI cable with one end connected to the large screen and one end connected to the audio ARC/eARCHDMI port
- Audio switch to ARC/eARC channel;
- When big screen plays audio on the Android or other source channel, the sound will sent back to the audio

### 6.2.9.2 HDMI CEC

This function is introduced on 6.2.5.6。

## 6.2.10 TYPE-C Function

### 6.2.10.1 Rear TYPE-C IN

#### A. **TYPE-C IN reverse charge**

Maximum support PD65W (if the device is not PD charging protocol, the maximum can only use 15W charging);

#### B. **TYPE-C as Public USB 3.0**

TYPE-C port access to USB devices. Can read to that USB device under Android or channel. Maximum support for USB3.0 devices.

### 6.2.10.2 Front TYPE-C

#### A. **TYPE-C reverse charge**

With innex meeting hub EU series front port, maxim PD15W。

#### B. **TYPE-C as Public USB3.0**

TYPE-C port access to USB devices. Can read to that USB device under Android or channel. Maximum support for USB3.0 devices.

#### C. **TYPE-C Network sharing**

With innex meeting hub EU series the front Type C port , support 100Mbps network sharing (need RJ45 port of large screen to access Ethernet)。

### 6.2.10.3 TYPE-C OUT

#### A. **Video Output**

Supports up to 4K 60Hz output (when HDMI OUT outputs 8K images, the TYPE-C OUT output image function is turned off)

#### B. **TYPE-C as Android USB 3.0**

TYPE-C OUT support USB3.0, you can access 3.0 U disk use, only Android channel can read.

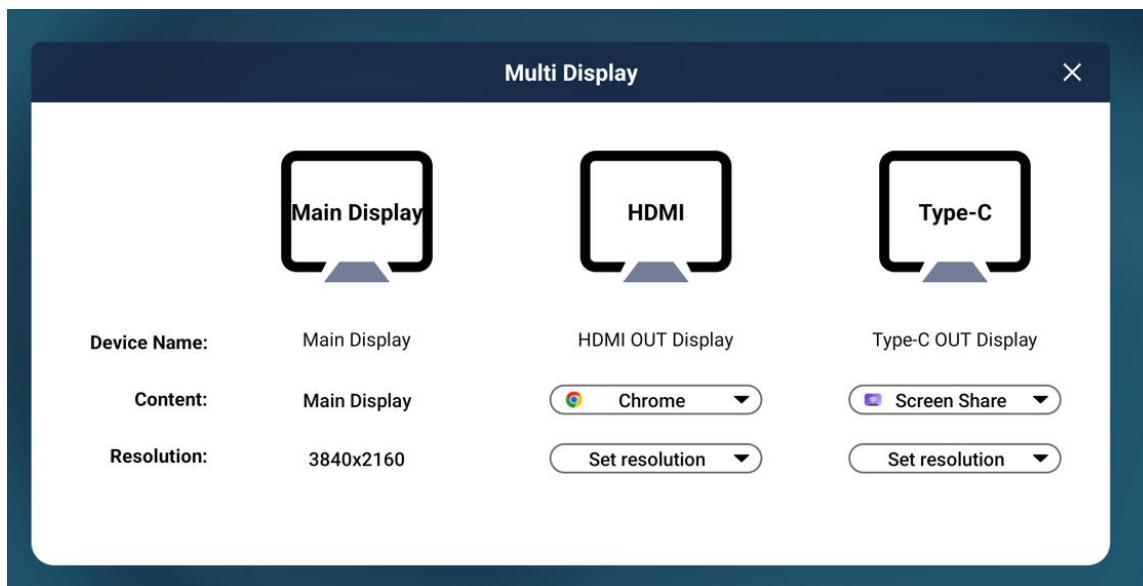
## 6.2.11 Applications

Choose more apps on Android homepage, default apps and third-party apps are all here.



## 6.2.12 Multi-Display extension

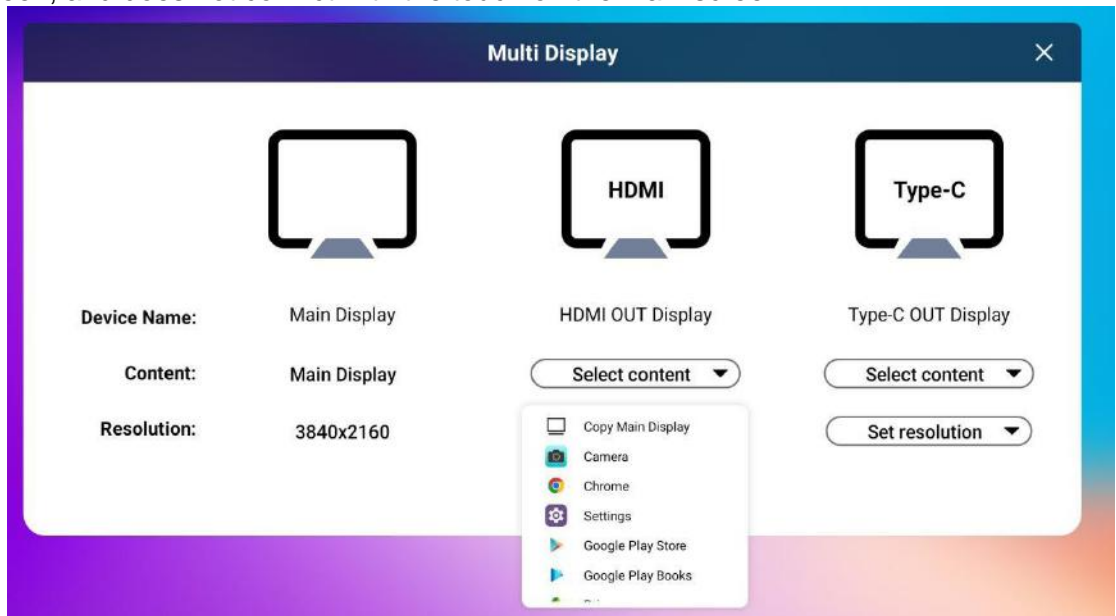
Multi-Display expansion function, you can output the large-screen application screen to other displays through wired projection (HDMI OUT and TYPE-C OUT), and support up to 3 screens to display 3 different applications at the same time (main screen HDMI OUT+TYPE -C OUT), or copy the main screen to the secondary displays. It is also possible to set the resolution of other displays.



### 6.2.12.1 Display content (output screen)

You can choose the content on the secondary screen. When connected to HDMI OUT and TYPE-C OUT, the default selection is to copy the screen of the main screen; you can also manually select other applications to be output, so 3 applications can be displayed at the same time.

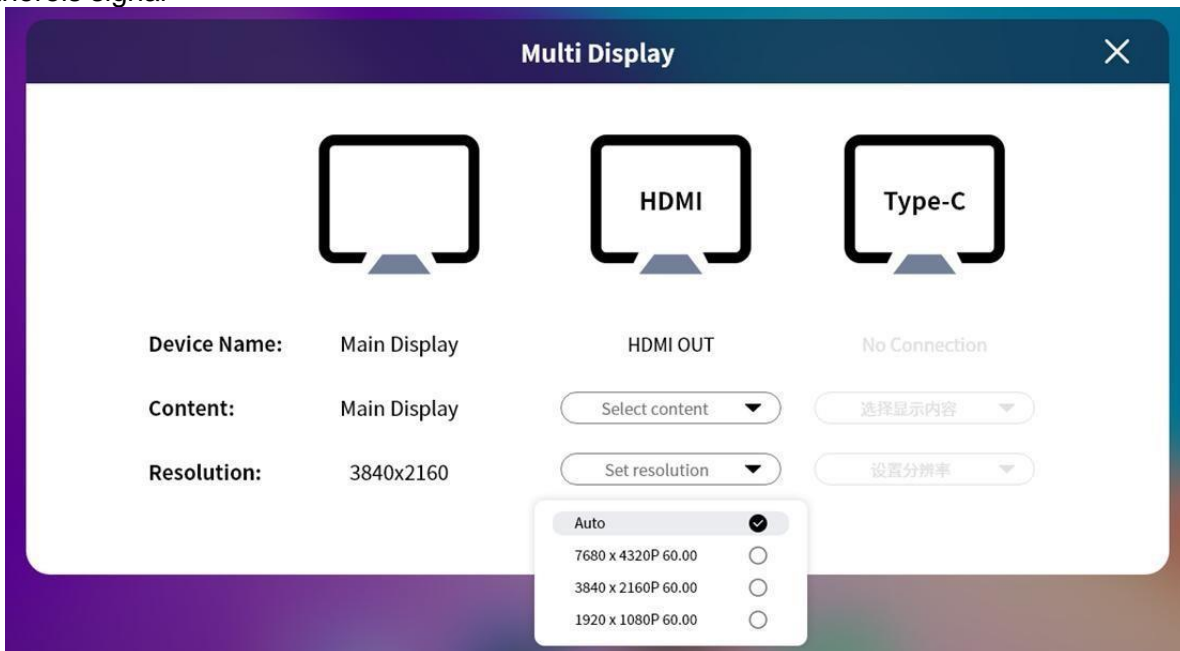
If the display connected to the TYPE-C OUT has touch function, then when connected, it also supports the touch function on that screen, and does not conflict with the touch on the main screen



### 6.2.12.2 Resolution

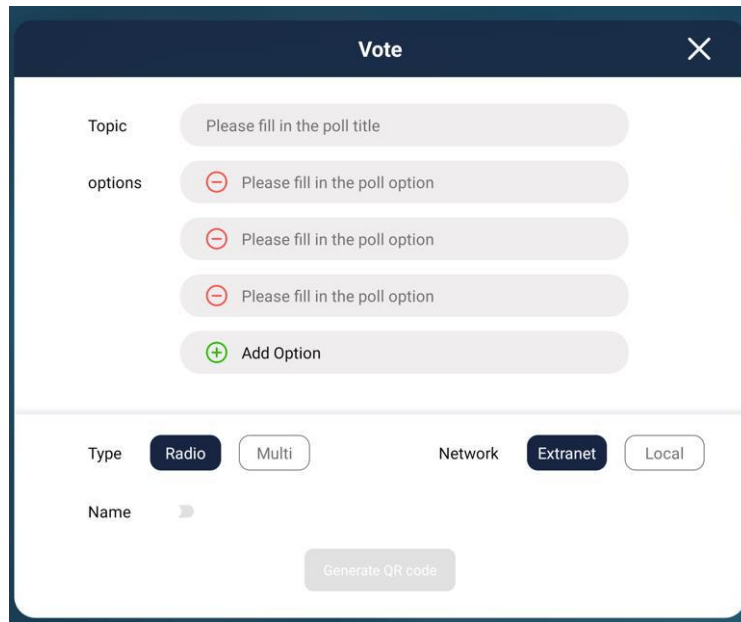
Secondary screen resolution selection, HDMI OUT supports up to 8K 60Hz (this option will only appear when the monitor supports 8K 60Hz, and HDMI2. 1 cable is required), TYPE-C OUT supports up to 4K 60Hz.

- HDMI OUT default output 4K 60Hz
- When the source menu is expanded from the preview window, a green label will appear on the channel if there is signal.



## 6.2.13 Vote

The Vote app can help the team make decisions on important issues.



The screenshot shows the 'Vote' app configuration interface. At the top, there is a title bar with 'Vote' and a close button (X). Below the title bar, there are several input fields: 'Topic' with a placeholder 'Please fill in the poll title', and 'options' with three placeholder 'Please fill in the poll option' and an 'Add Option' button. At the bottom, there are 'Type' buttons for 'Radio' and 'Multi', and 'Network' buttons for 'Extranet' and 'Local'. A 'Name' field is partially visible. A 'Generate QR code' button is located at the bottom center.

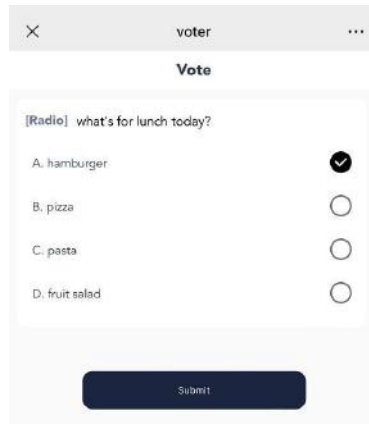
### 6.2.13.1 How to use

- Voting topic: The topic of this voting needs to be written (required).
- Voting options: Set the voting options for this time. There are at least 2 voting options (required).
- Option type: Set whether the voting option is single or multiple.
- Network: The network is divided into the external network and the internal and external network. When selecting the external network, the large screen and the participating voter can not be in the same LAN; When selecting the Intranet, the large screen must be on the same LAN as the participating voter.
- Generate two-dimensional code: After setting the above content, choose "Generate two-dimensional code" and the large screen will display two-dimensional code and update the voting status in real time.
- When the QR code is too small, you can press the enlarge button to enlarge the QR code; After enlarging, you can press the blank area outside the two-dimensional code to close.



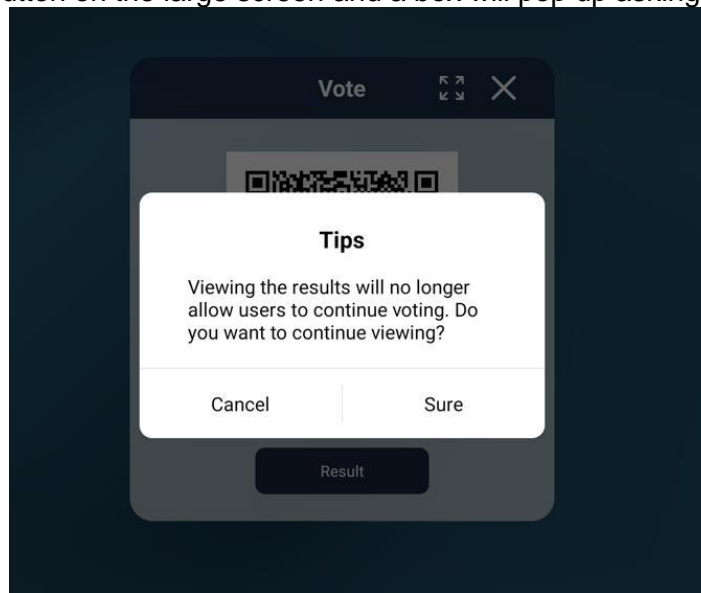
### 6.2.13.2 Voter operation progress

- Voters scan the code for voting.
- Choose the options
- Submit

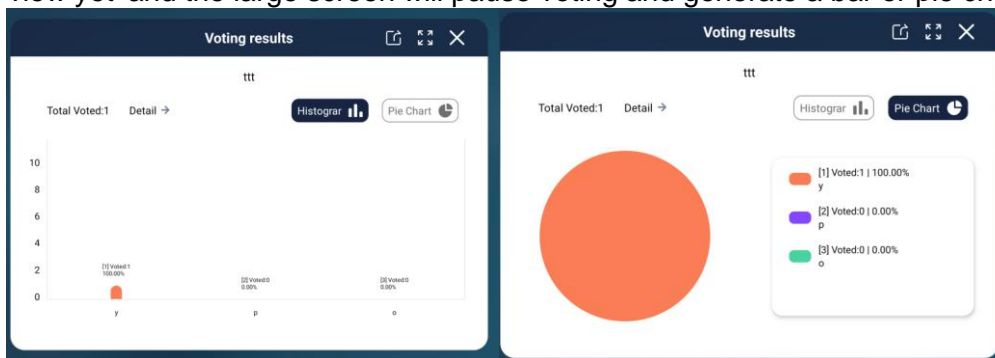


### 6.2.13.3 Vote result

Press the 'View Results' button on the large screen and a box will pop up asking you whether to close the vote.



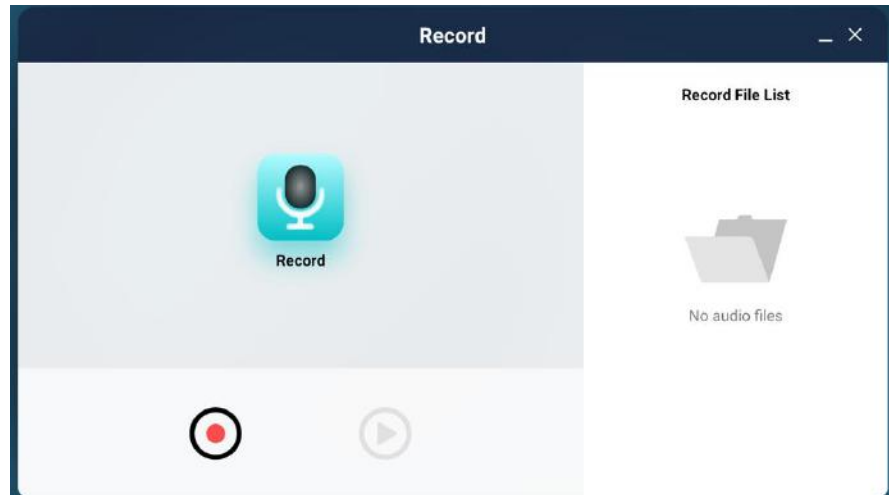
Press 'Do not view yet' and the large screen will pause voting and generate a bar or pie chart from the result



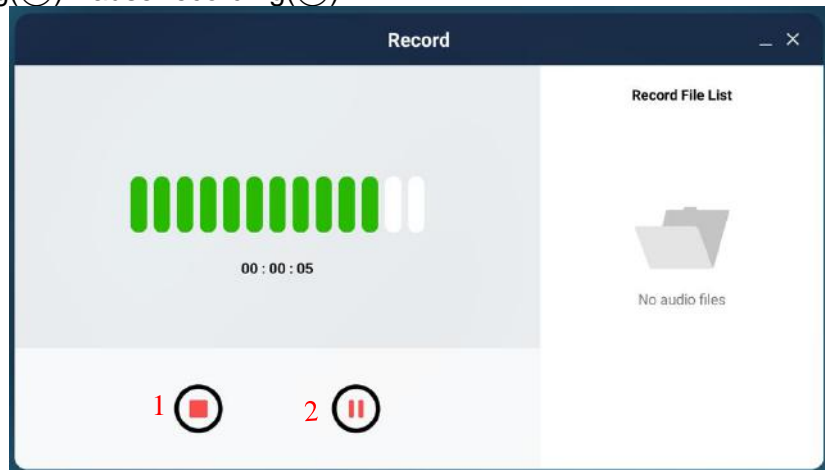
## 6.2.14 Record

Recording large screen external sound sources to record classroom content or meeting content. How to use:

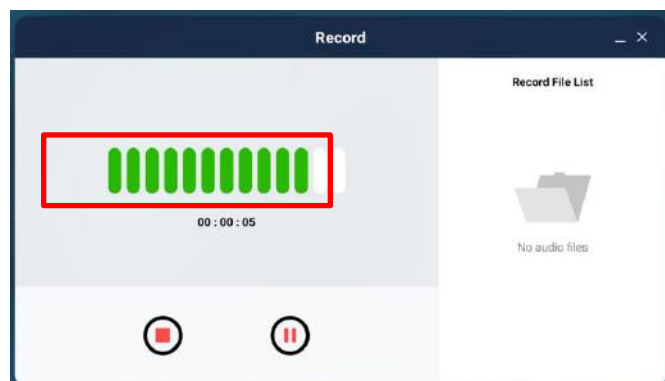
- Press the record button.



- End recording(①) Pause recording(②)

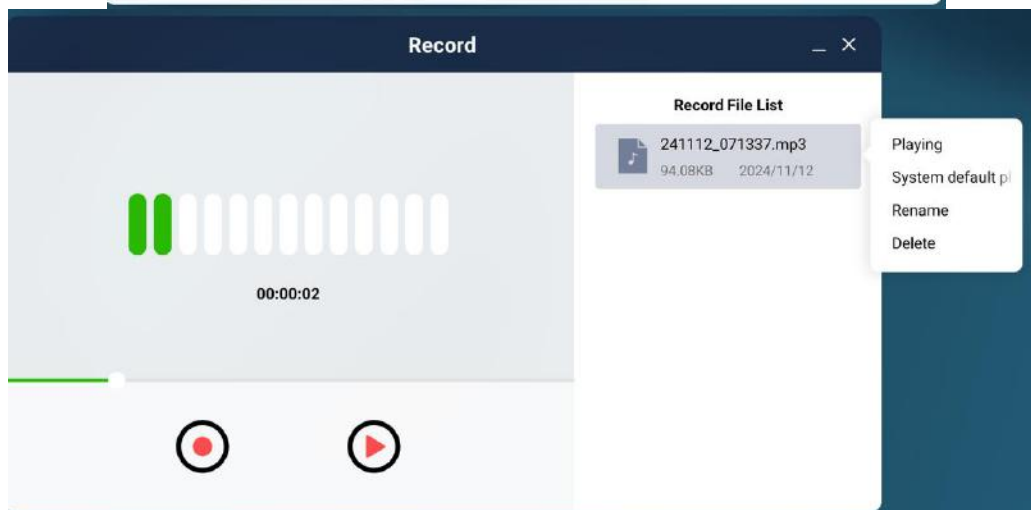
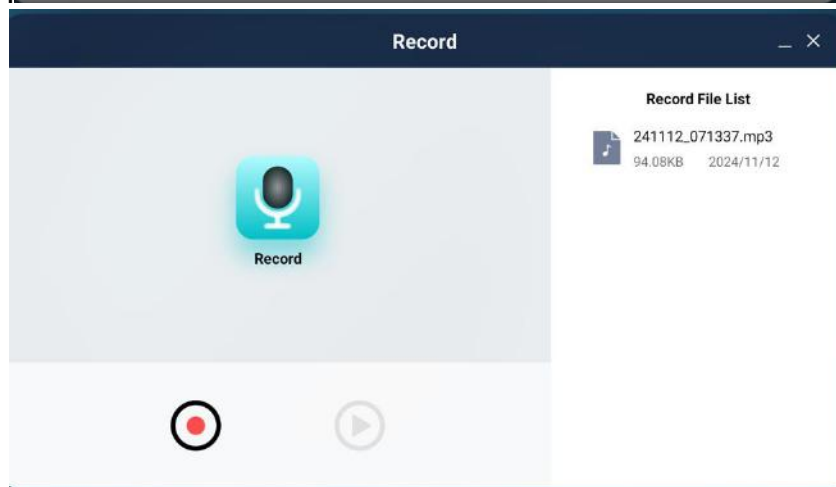
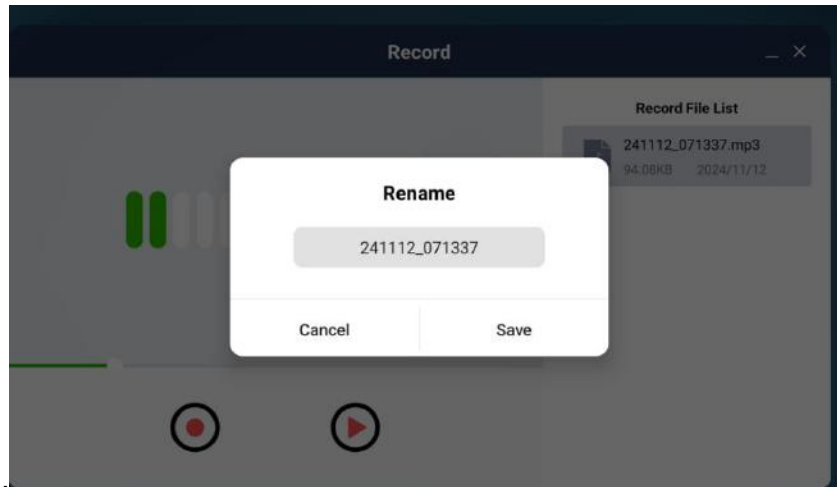


- If an external sound source exists, the recording application screen displays a green voice print, indicating whether the large screen has picked up the external sound source.



- Recording file

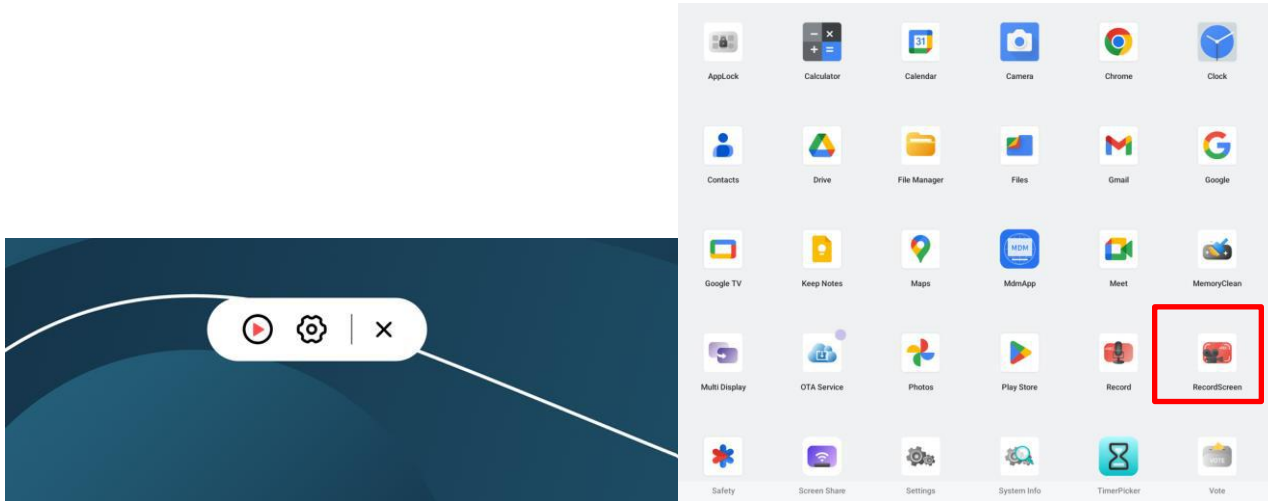
Press the recording file for 1-sec. You can play the file, skip the system player to play, rename, or delete the recording file



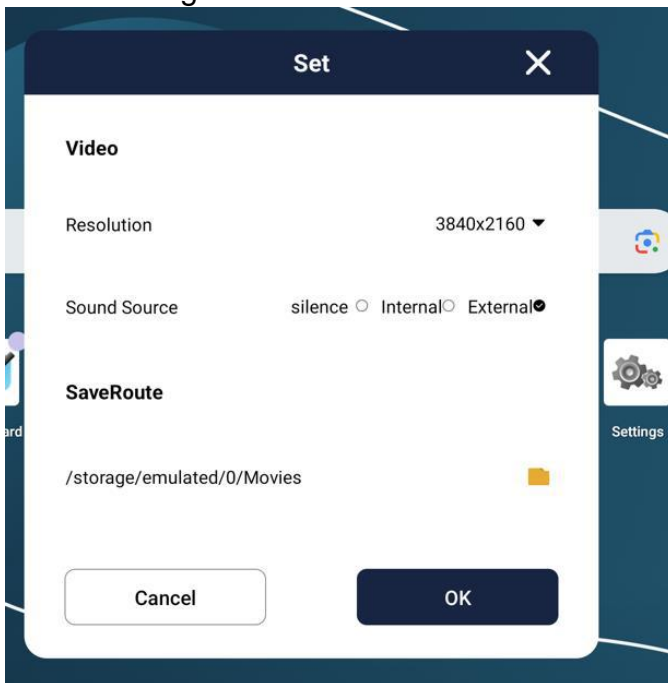


## 6.2.15 Screen Recorder

Screen recorder can record Android and PC screen images, as well as the option to record large internal/external sound, convenient for meetings and educational use.



### 6.2.15.1 Setting



#### A. Resolution

Screen recorder supports 3 resolutions: 1920\*1080、1280\*720、854\*480. Default 1920\*1080.

#### B. Sound source

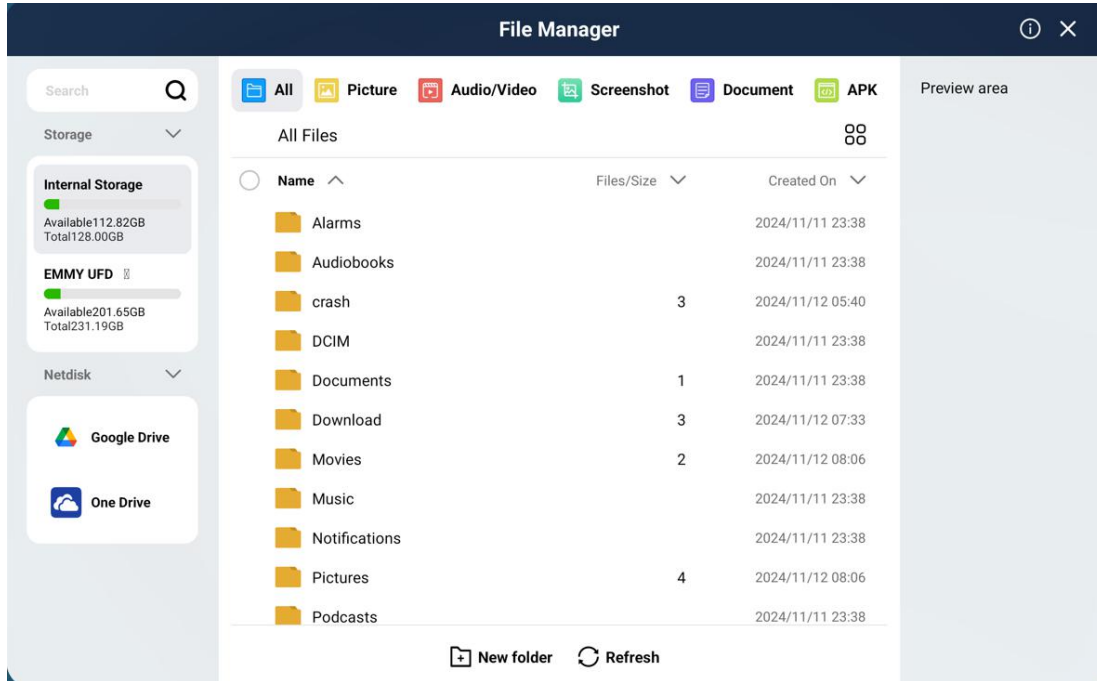
There are three kinds of sound test: silent, internal and external. If you need to record, you need to connect the recording microphone.

- **Silence:** Only a large screen is recorded, but no sound is recorded
- **Internal:** Records internal sounds on a large screen, such as those in multimedia or source channels

- **External:** Record ambient sounds, such as teacher lectures, meeting discussions, etc

### C. Save Path

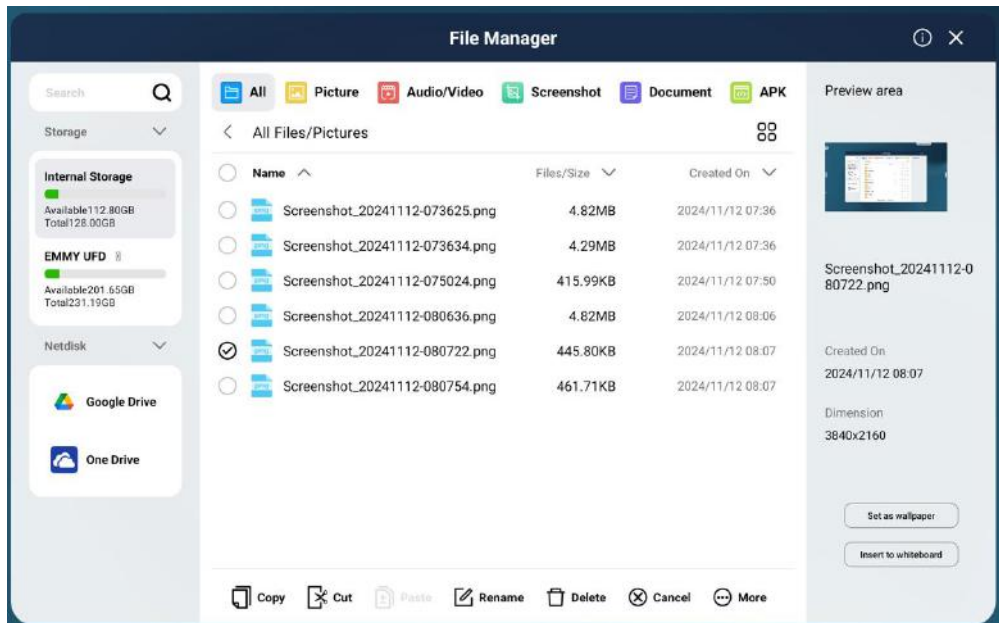
Files will default store in the large-screen internal storage space. However, it also supports external storage, such as USB, One Drive, and Google Drive cloud drive.



#### 6.2.15.1 Start recording

When you click Start Screen Recording, the screen recording app will automatically become a floating window. The floating window will be moved to the lower right corner of the large screen and can be dragged freely. Three function can be used on floating window. Screen recording duration, end screen recording, pause screen recording.

## 6.3 File Manager



### 6.3.1 Classified browsing

The file manager can classify files by image, audio/video, installation package, and document.

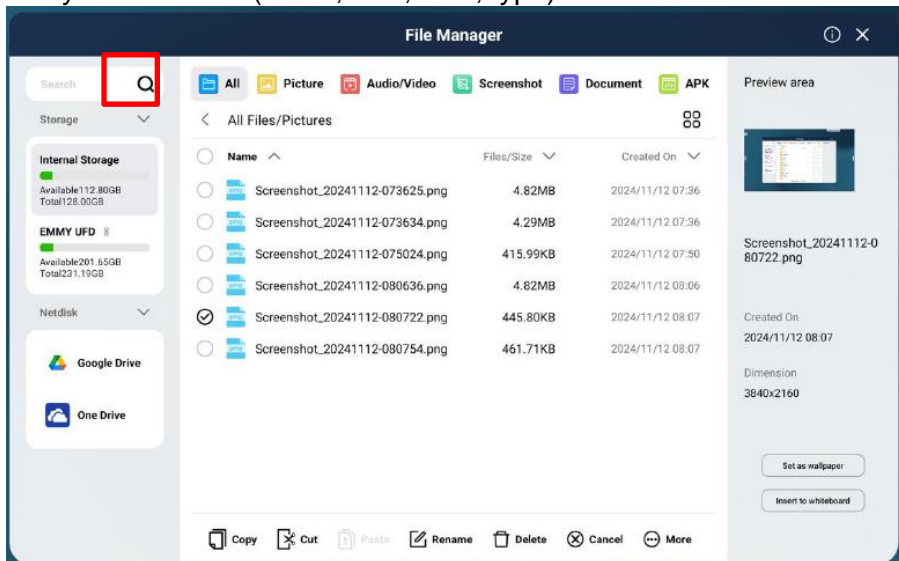
### 6.3.2 Common functions

#### A. File Searching

If you enter a keyword, you can search for all files with the keyword in the current folder.

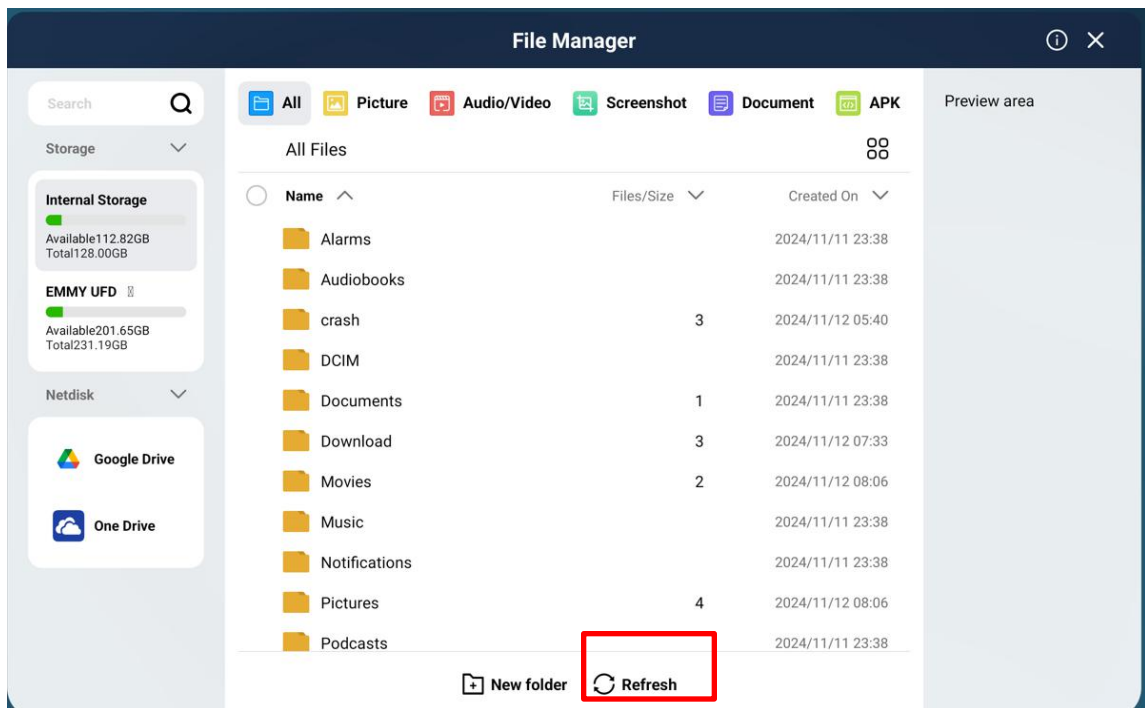
#### B. File sorting

Sort files or folders by certain rules (name, size, time, type).



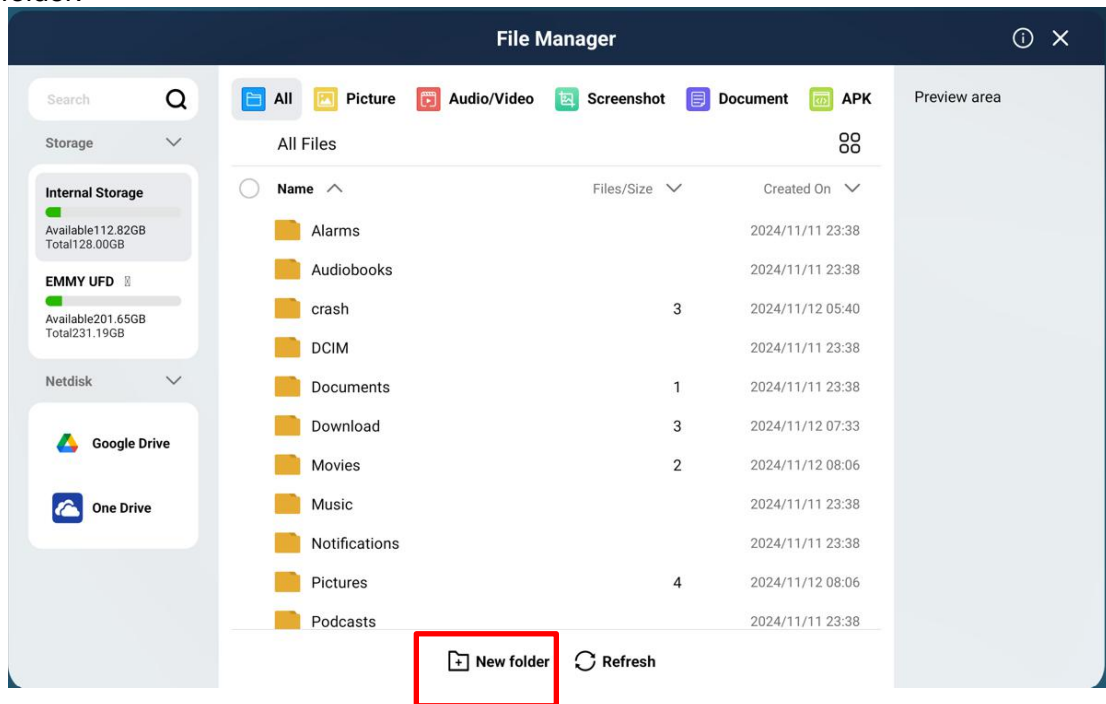
### 6.3.3 Refresh

Refresh the file.



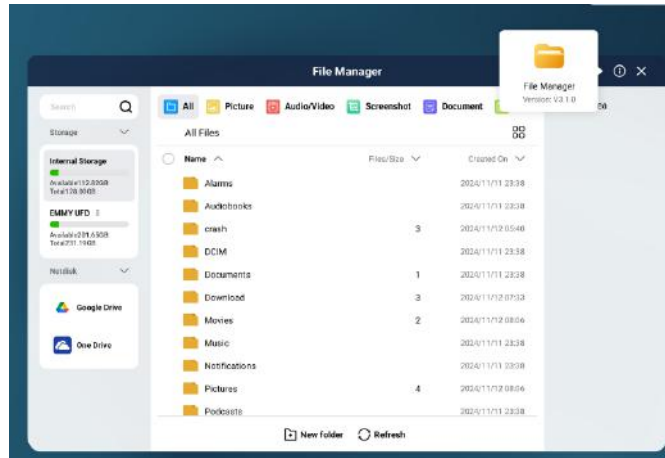
### 6.3.4 New folder

Creating a new folder.

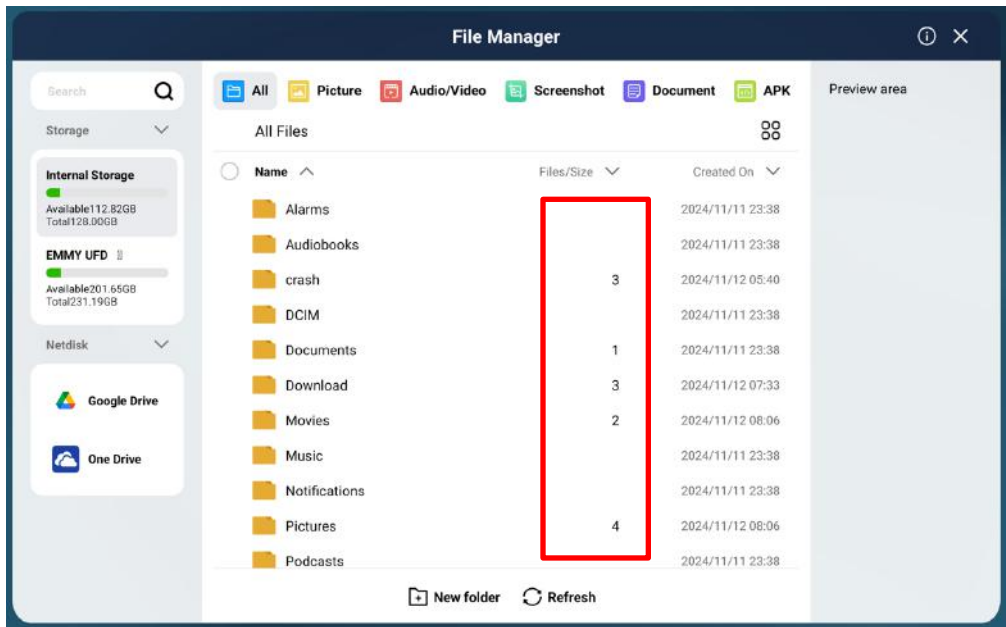


### 6.3.5 About

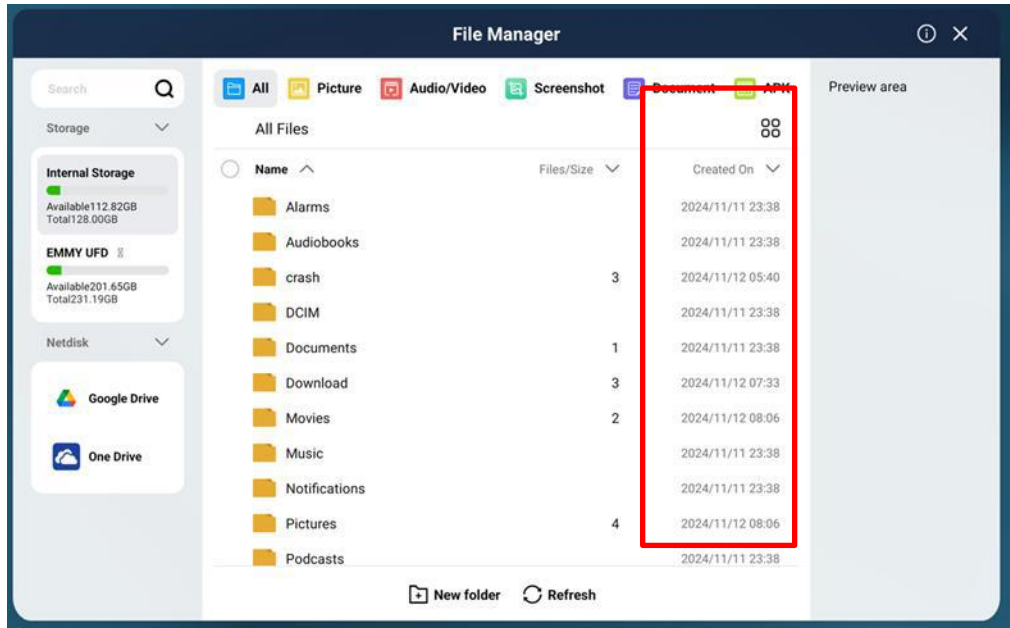
Check the version of the folder;



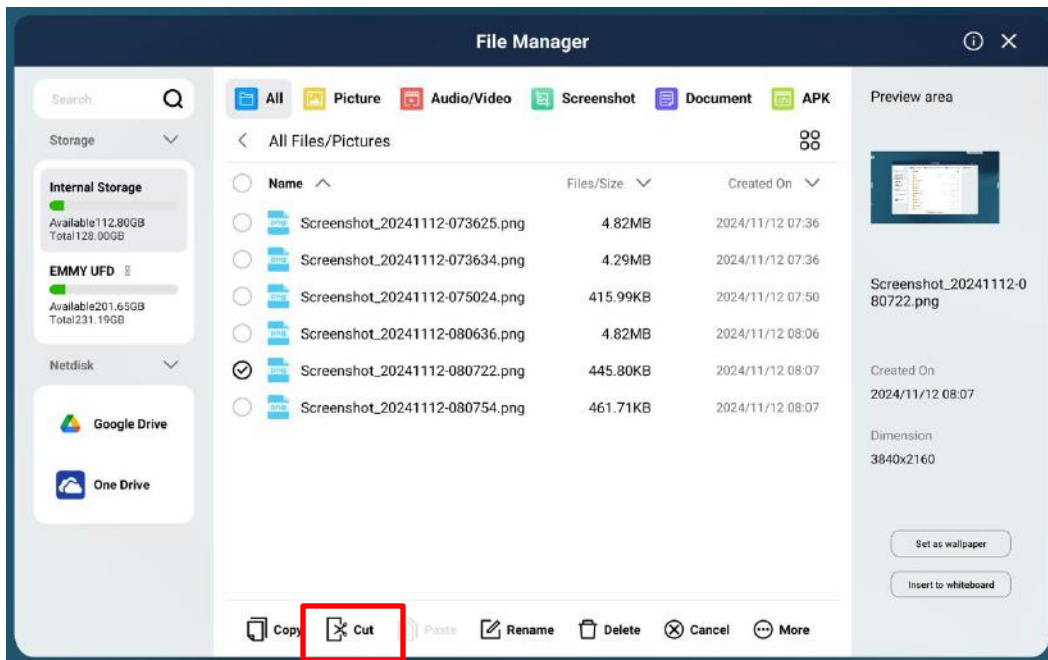
### 6.3.6 Show the file size



### 6.3.7 Show the edit time on the file

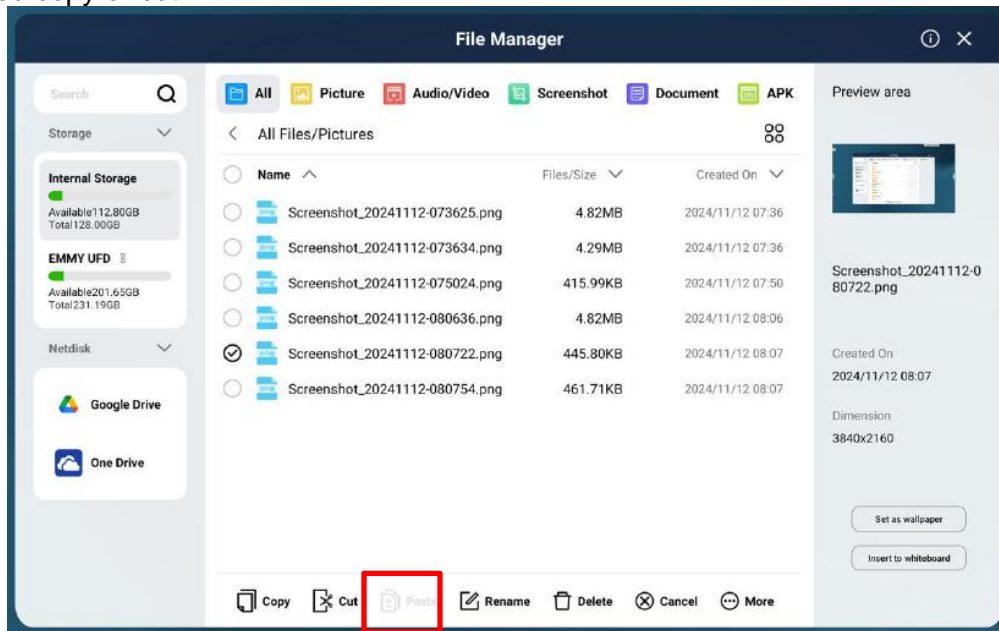


### 6.3.8 Copy Duplicate the file to another folder.

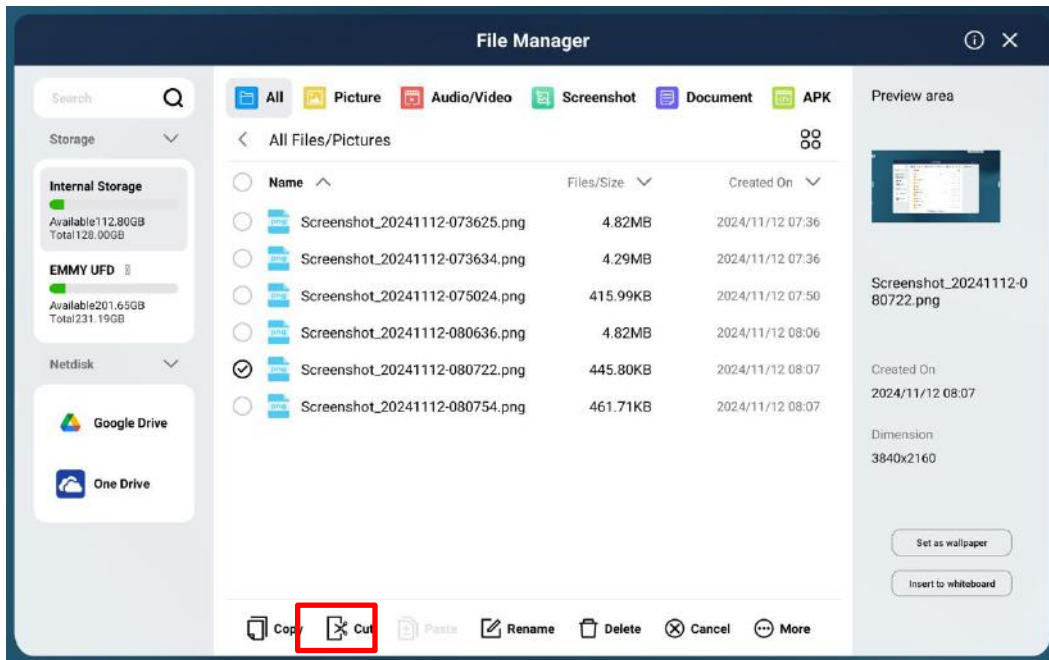


### 6.3.9 Paste

Paste the file that you copy or cut.

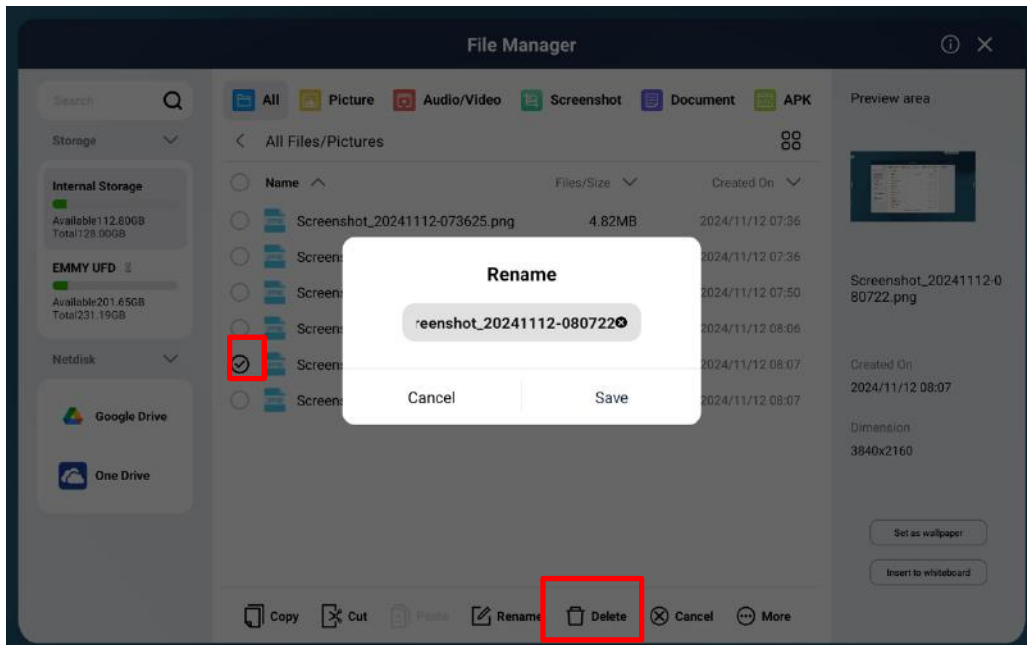


### 6.3.10 Cut



### 6.3.11 Rename

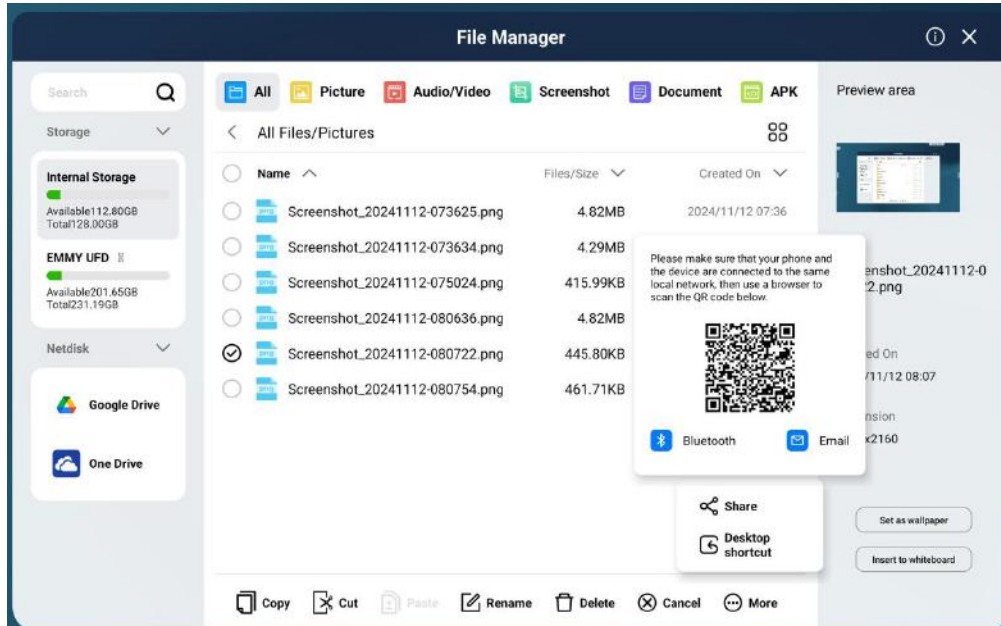
Choose the file then rename.





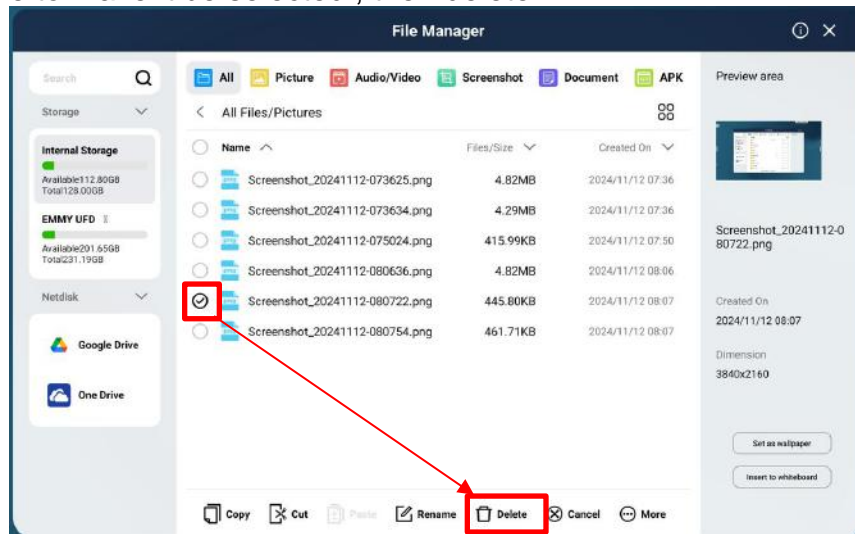
### 6.3.12 Share

Connect the mobile phone and the large screen to the same LAN, select the file ,then choose Share, scan theQR code, download and browse the file .



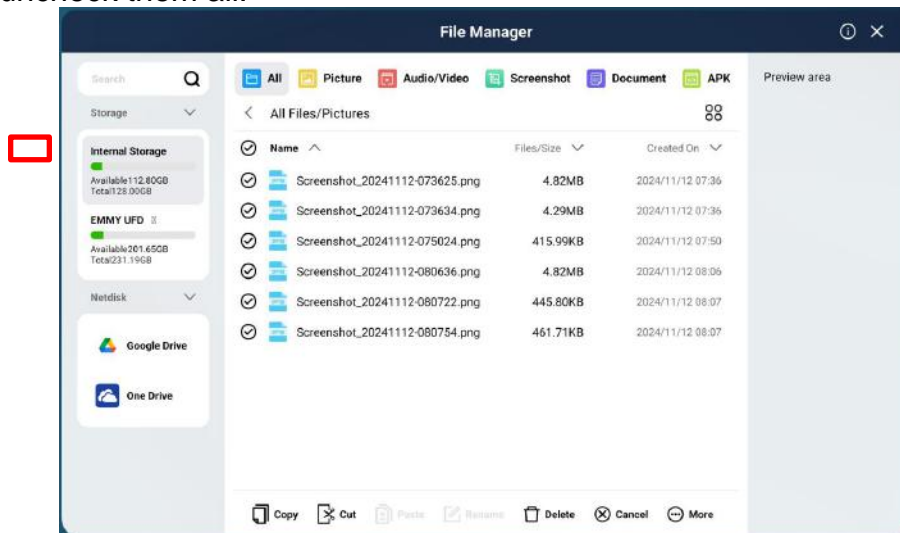
### 6.3.13 Delete

Long press the file to make it be selected., then delete .



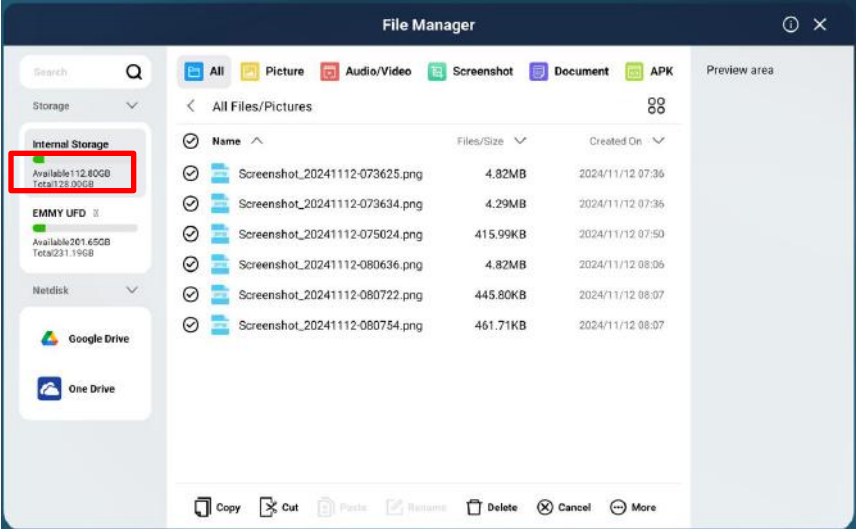
### 6.2.9 Select all file

Long press the file to make it selected. Press the small circle on the icon to select all files under the current folder or uncheck them all.



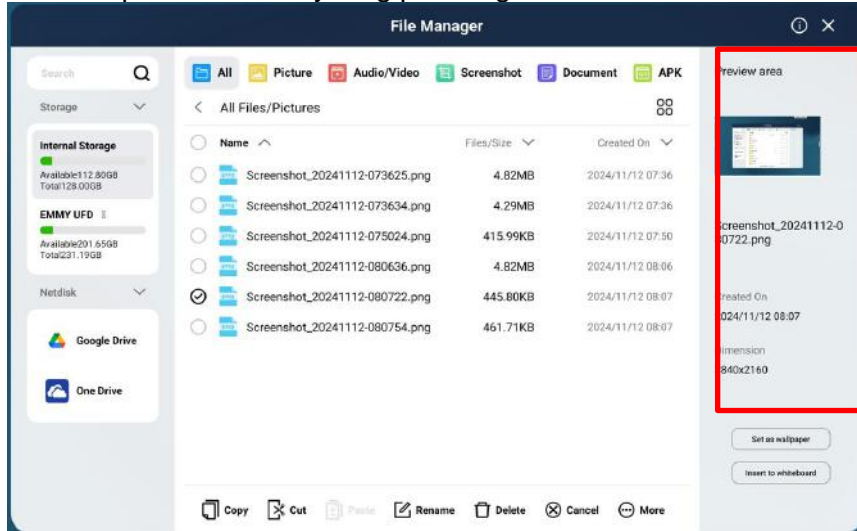
### 6.3 Storage space

Show the remaining /total storage space.



### 6.3.14 File preview

You can preview the picture in the preview area by long pressing the file.



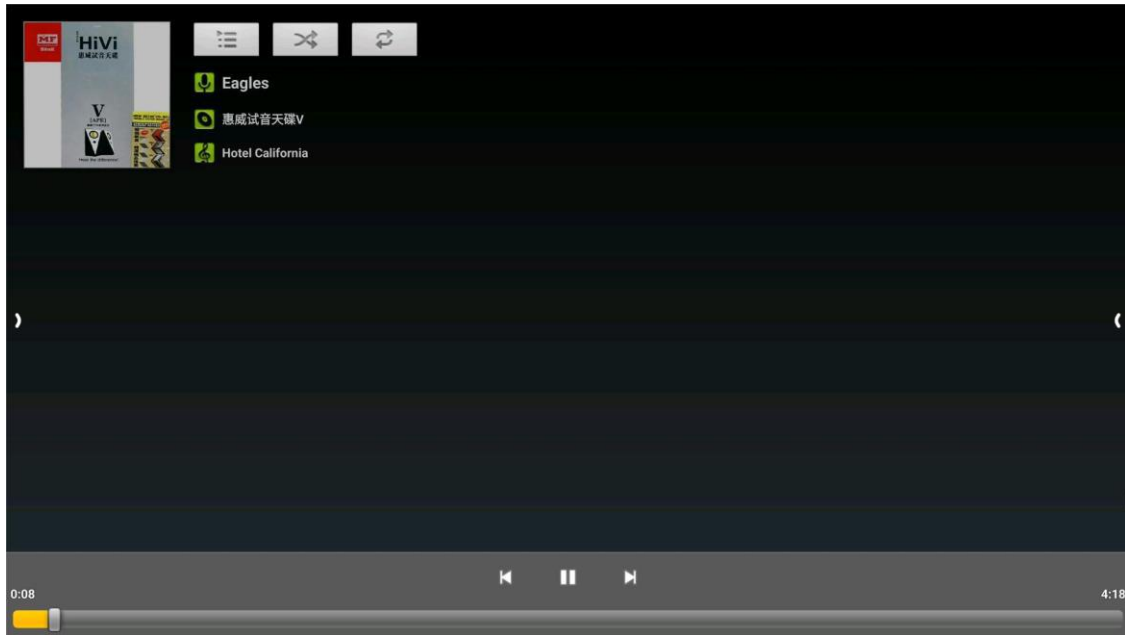
## 6.4 Media Player

The system has a built-in video/audio/picture player, but it has been integrated into the file manager. You can open audio, video and picture files from the file manager and play directly.

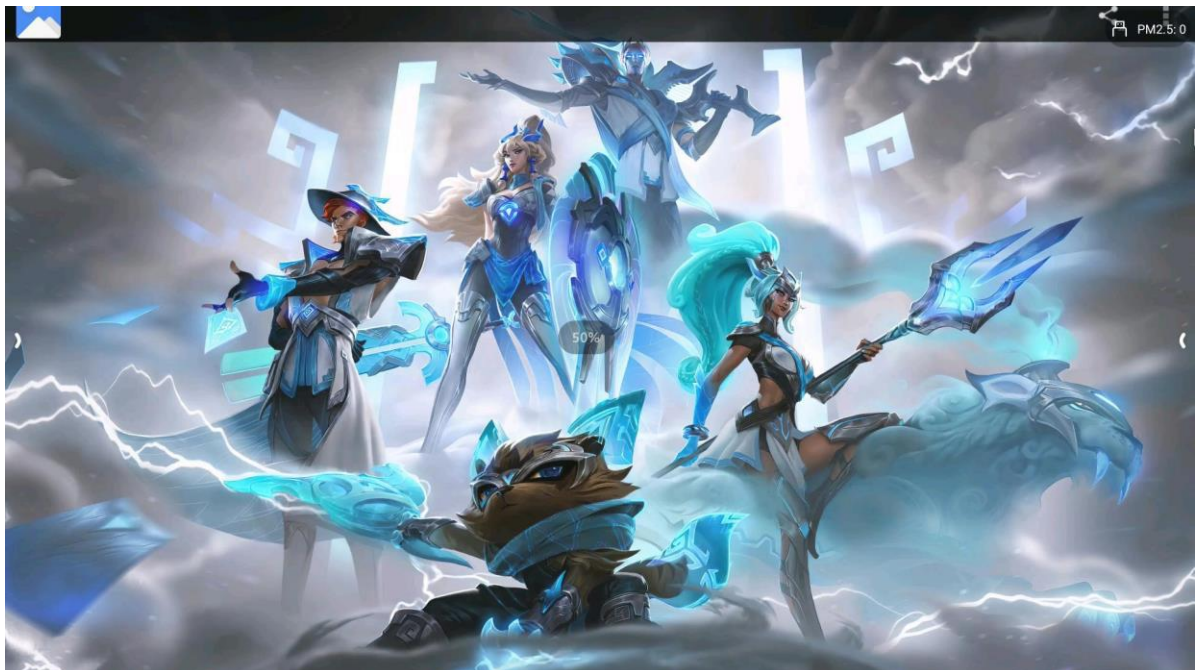
### 6.4.1 Video player



### 6.4.2 Audio player



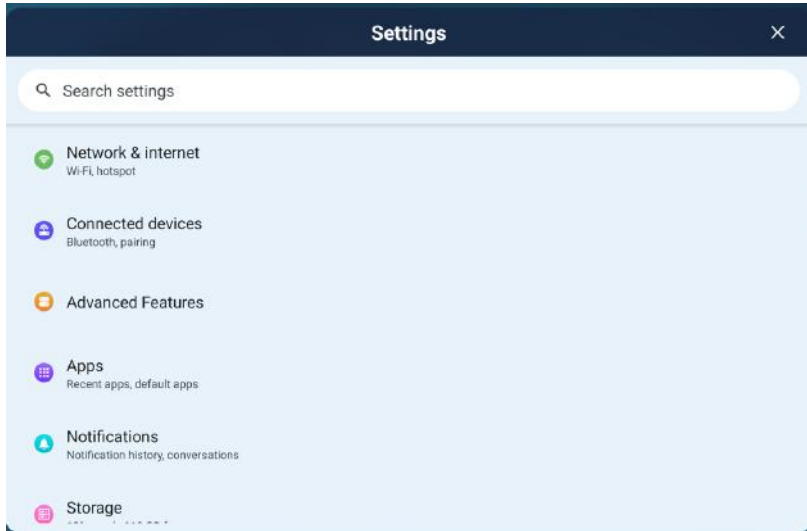
### 6.4.3 Image viewer



## 6.5 Setting

Settings of the system can be found here.

### 6.5.1 Network



### 6.5.1.1 Wireless Network

EU supports up to WIFI6, and the maximum uplink and downlink speed of this module is 1201Mbps. Supports 2.4GHz and 5GHz frequency bands.

### 6.5.1.2 Wired Network

The innex meeting hub EU series has 2 Ethernet ports, but only supports single network port input, and the maximum link speed is 1000Mbps.

#### A. Wired network sharing function:

- Provide network for PC: The innex meeting hub EU series has 2 Ethernet ports. When one is connected to Ethernet, the other network port can be connected to PC for Internet use by PC, with a maximum link speed of 1000Mbps.
- Provide network for OPS: When the network port of the large screen is connected to the Ethernet, switch to the OPS channel, and the OPS computer will also have network, with a maximum link speed of 1000Mbps.
- Provide network for front TYPE-C: When the network port of the large screen is connected to Ethernet, switch to the Front TYPE-C channel, and Front TYPE-C will also have network sharing, with a maximum link speed of 100Mbps.

#### B. Wired network fixed IP setting method

Wired network

Ethernet State

Obtain IP address automatically  Set the IP address manually

IP Address	192	168	6	108
Gateway	192	168	6	1
Subnet mask	255	255	255	0
DNS1	202	96	134	33
DNS2	202	96	128	86

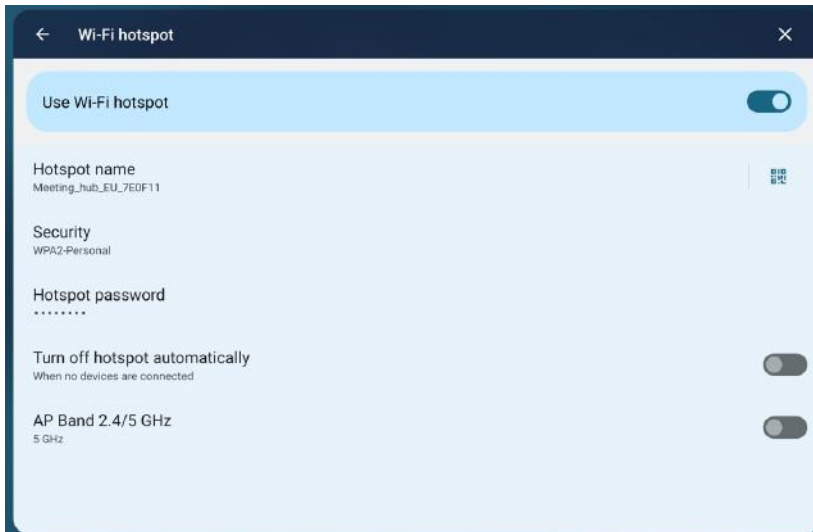
SAVE

- Fill in the IP segment of the router to the IP address of the big screen
- Fill in the gateway of the router
- DNS can be set to 8.8.8.8 or 8.8.4.4
- Once set up, you can use the fixed IP of the wired network to access the Internet

### 6.5.2 Hotspot

EU hotspot supports 2.4GHz and 5GHz band broadcasting.





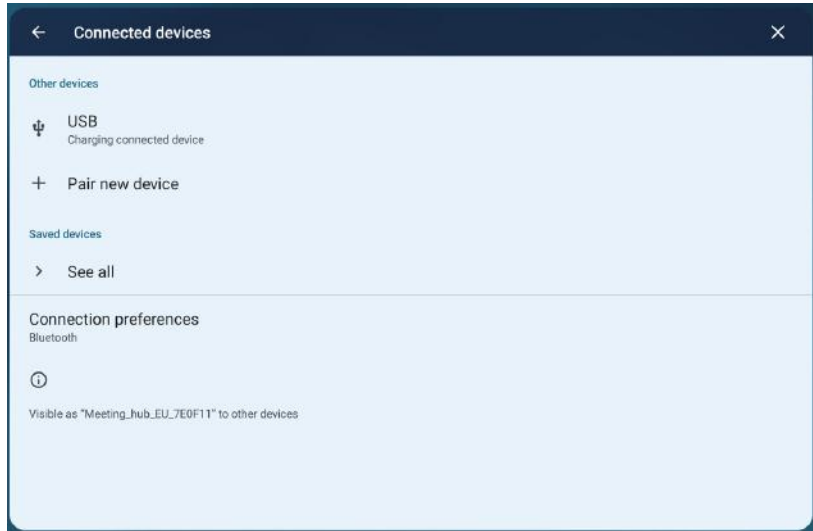
EU supports up to WIFI6 and the maximum uplink and downlink speed of this module is 1201Mbps. Supports 2.4GHz and 5GHz frequency bands.

### 6.5.3 Network status

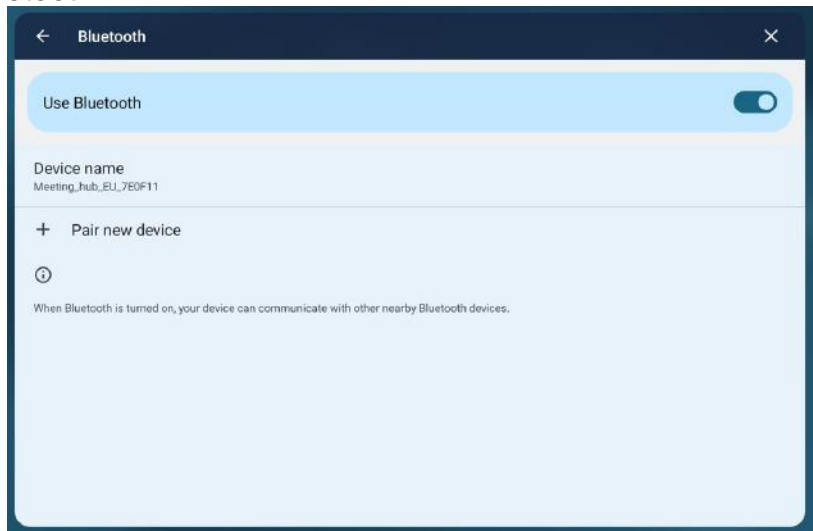
Network information of the display.

## 6.5.4 Connected Devices

You can find Bluetooth and NFC here.

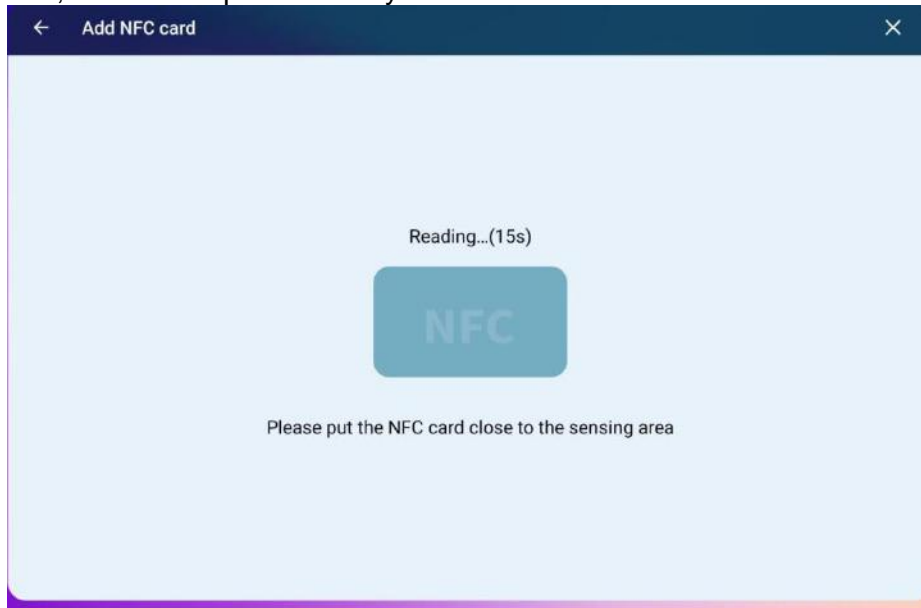


### 6.5.4.1 Bluetooth



### 6.5.4.2 NFC

You can set the function for the added NFCS. By swiping the NFC card, you can quickly start applications,unlock channels, log in using NFC, and wake up the standby screen.



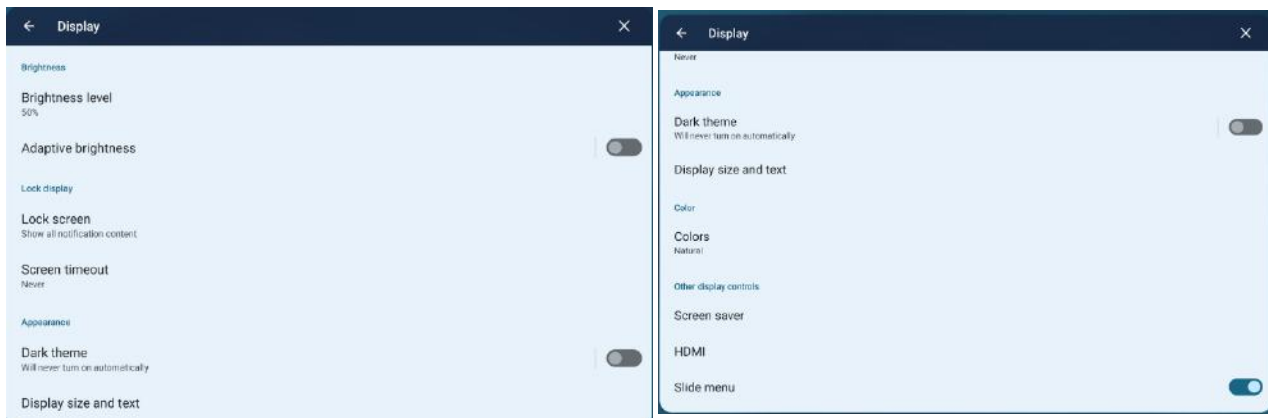
How to use:

- Add NFC card
- Press the Add button in the upper right corner of the NFC interface.
- Use the administrator card to swipe the identification area of the NFC module to unlock the large-screen NFC function.
- Swipe the NFC card to the identification area of the NFC module on the large screen for binding.
- Press 'OK'.

□

### 6.5.5 Display and volume

You can set the brightness, volume, touch sounds, show Slide menu.



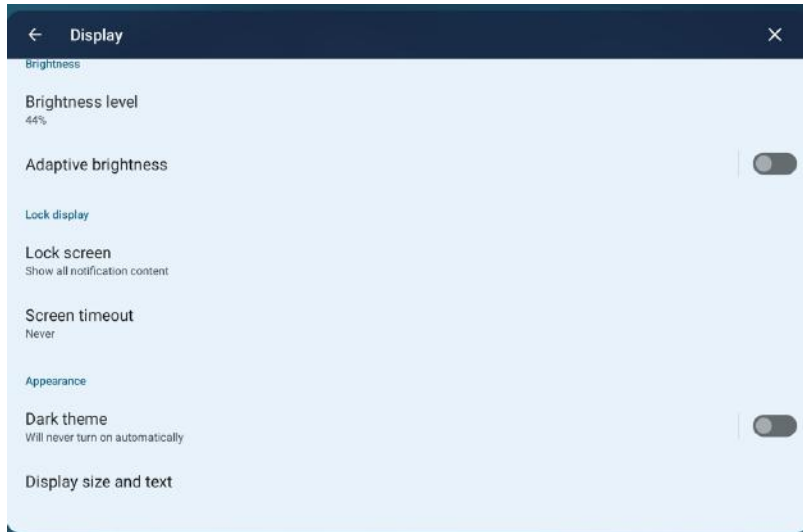
#### 6.5.5.1 Brightness mode

- Standard mode: The default screen brightness is 80, and the brightness cannot be adjusted manually
- Custom mode: You can manually adjust the brightness of the large screen
- Automatic mode: Control the brightness of the large screen according to the ambient light intensity.
- The greater the ambient light intensity, the higher the screen brightness. You cannot manually adjust the

- brightness
- Energy-saving mode: The brightness is set to 50, and cannot be adjusted manually

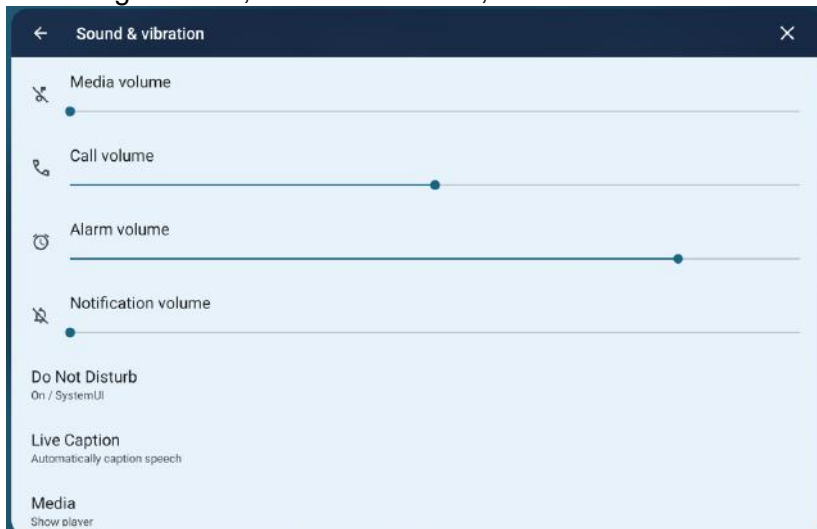
### 6.5.5.2 Brightness bar

The brightness bar shows the current screen brightness, the darkest is 0, and the brightest is 100, which can be adjusted manually in the customized brightness mode.



### 6.5.5.3 Volume bar

Used to adjust the volume of the large screen, the minimum is 0, the maximum is 100



#### 6.5.5.4 Touch sounds

Open and choose the function button of the screen, there will be touch sounds. Turn off to mute the sounds.

### 6.5.6 System

#### A. Set allpaper

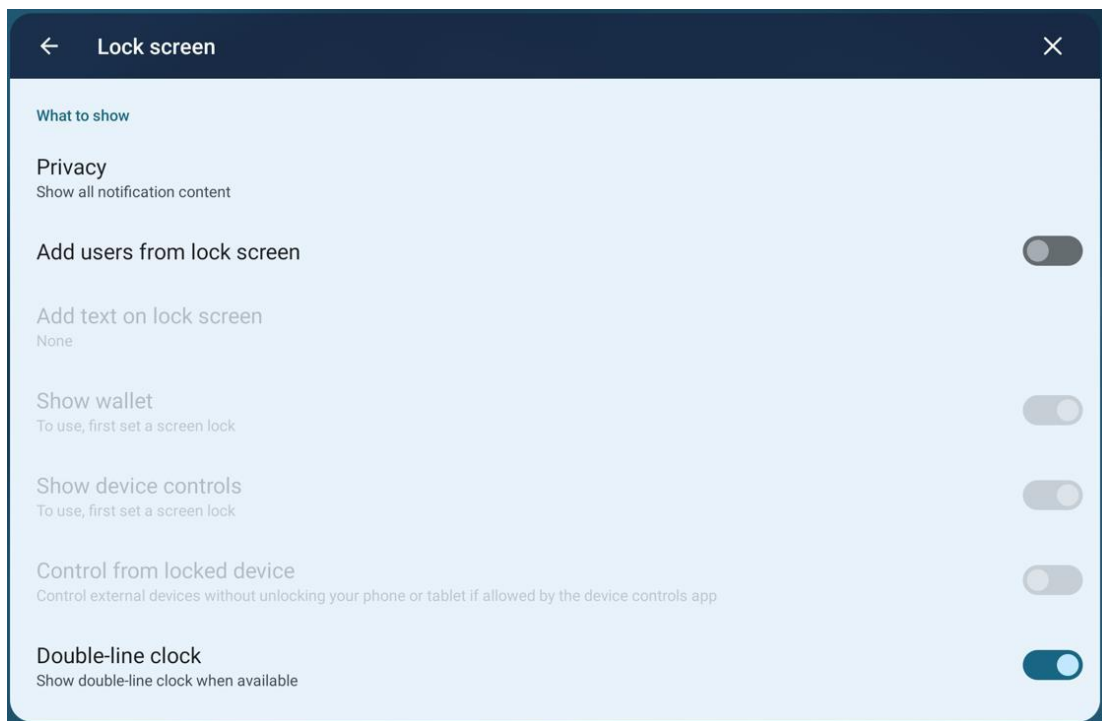
The large screen can use 8K pictures as wallpaper.

#### B. Five finger touch to turn off the display

When five fingers long press the large screen at the same time, the display can be turned off.

- Gesture operation definition: When five fingers touch the large screen at the same time without swiping, the function will take effect.
- When using the whiteboard, annotation or source channels, the five-finger off screen function is disabled by default

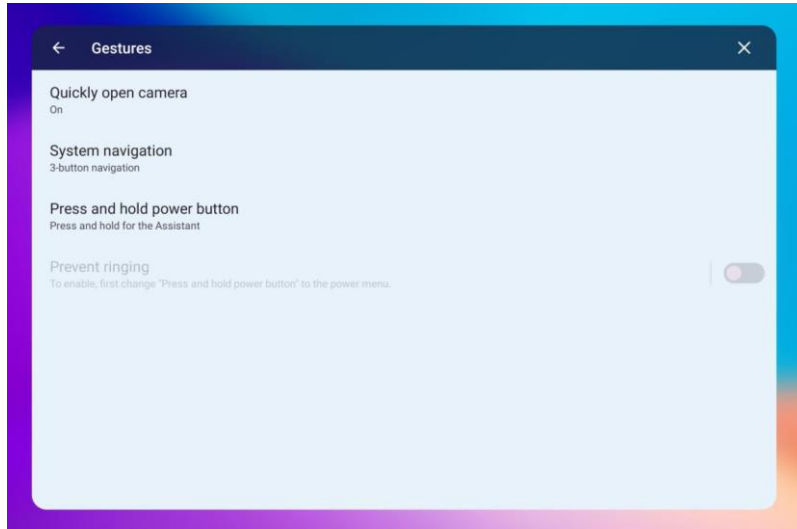
#### C. Lock Screen



- Open the function without setting a password lock: swipe to unlock
- Set the lock screen password : You will need to enter the lock screen password to unlock the big screen, if you forget the big screen password, you can use the super password to unlock the big screen, superpassword: 2580
  - Delete password : To delete the password, you need to enter the previous lock screen password or enter the super password : 2580 to delete
- Change the password : to change the password, you need to enter the previous lock screen password or enter the super password: 2580 to change

## D. Gesture management

This change adds the gesture function. In addition, it also supports the user-defined gesture function. You can use gestures to quickly start applications or switch to the source channel of a signal.

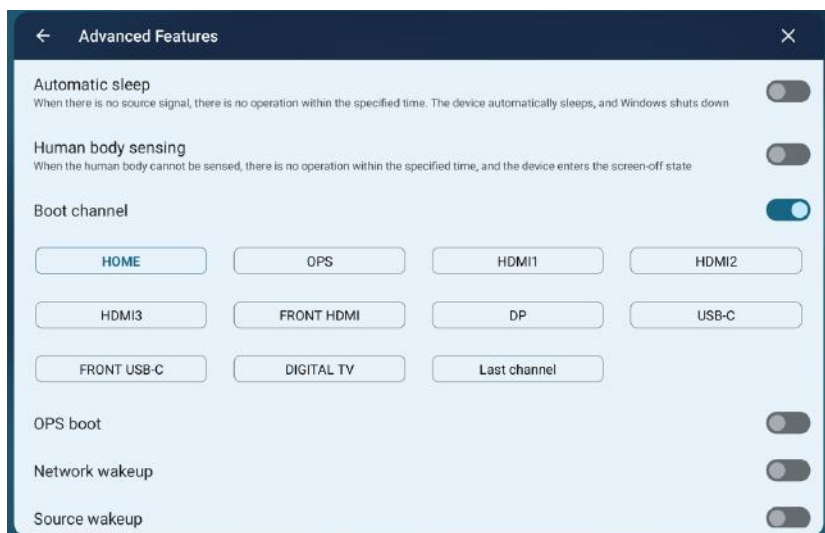


- Default gestures
- Edit gestures quick open apps
- Edit gesture switch the source channel:

## 6.5.7 Advanced Features

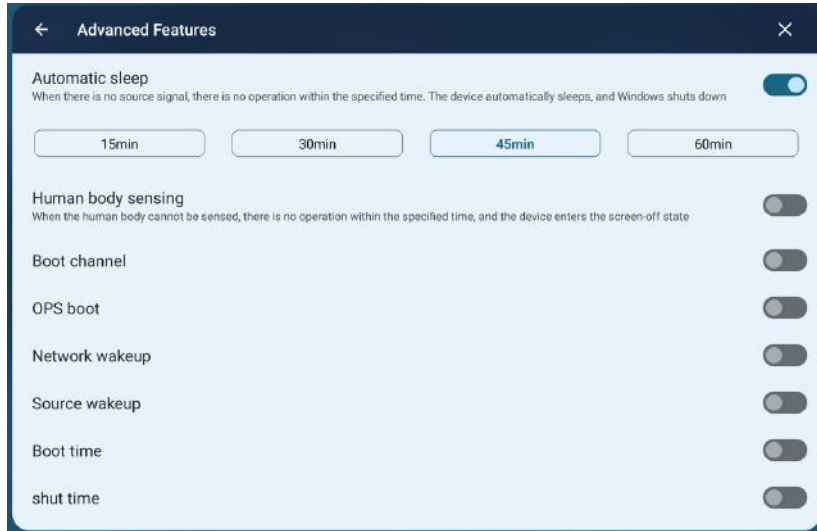
### 6.5.7.1 Select home page mode

Two interactive UI styles are built into the system. Normal home page : Higher customization, more similar to the previous operation mode. Google Home Page (pass EDLA certificate): Google Native operations.



### 6.5.7.2 Automatic sleep

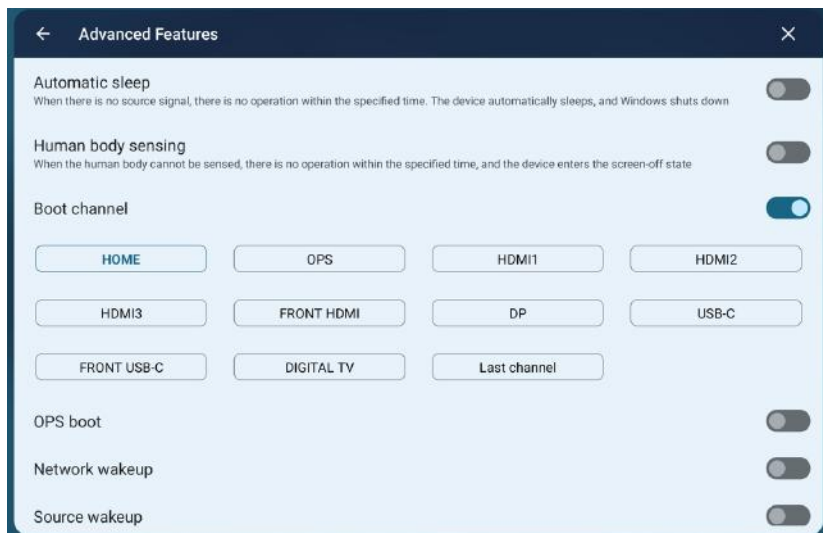
In the signal channel, if there is no signal source for a long time and no operation is performed on the machine, the screen automatically standby .



### 6.5.7.3 Boot channel

You can choose which channel the big screen will be displaying when you turn it on.

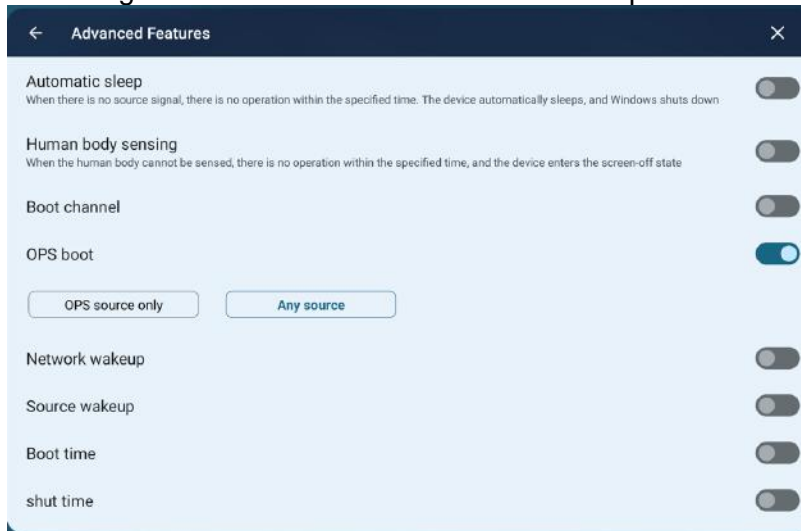
- **Last channel:** what channel the big screen is in when it is turned off, which channel it is again when it is turned on



#### 6.5.7.4 OPS Boot

It is used to set the OPS boot function. The system defaults to off. When it is turned on, the system will determine whether the OPS should be automatically turned on when the display is turned on.

- OPS source only: Boot OPS on start up only when it's OPS source on startup
- Any source: OPS will turn on regardless of which channel it is on startup.



#### 6.5.7.5 Network wake up

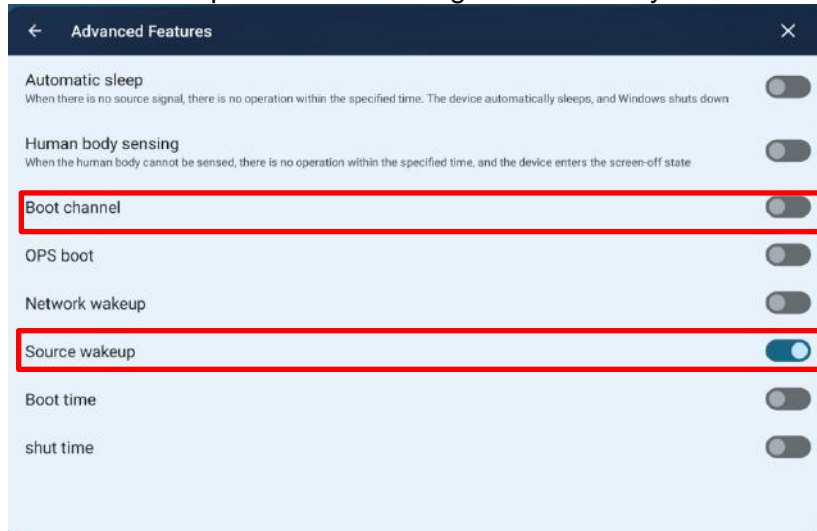
If the innex meeting hub EU series is on the same LAN as a Windows PC, you can use a Windows PC to wake up the largescreen in standby state.

- Innex meeting hub need to open network wake up function.
- Innex meeting hub connected to the wired network.
- Windows computer and in the same local area network (LAN).
- Windows PC using wake on LAN tool, search to screen the IP address and MAC address
- to manually will screen in standby mode.
- Last Windows with wake on LAN tool, will wake up the boot.
- Remarks: when open this function, will increase the time the standby power consumption.



### 6. 5. 7. 6 HDMI wake up

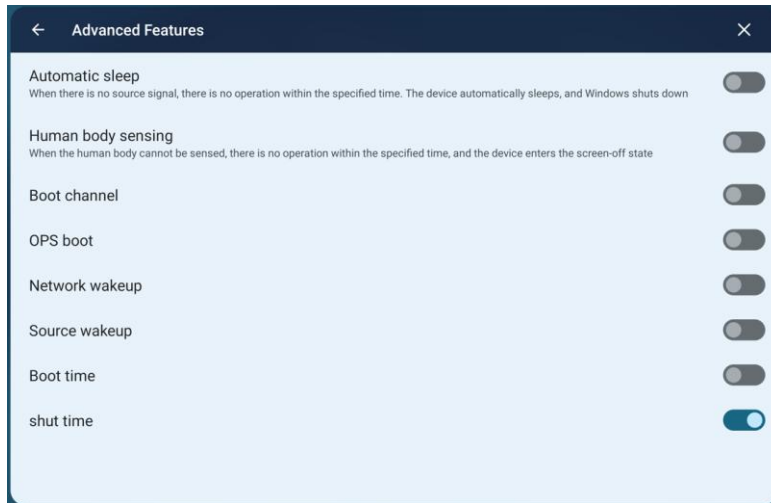
HDMI signal source can be used to wake up the innex meeting hub in standby state.



- Turn on the HDMI wake-up function.
- Put the large screen in standby.
- Connect the active HDMI cable to the HDMI IN port to wake up the display.

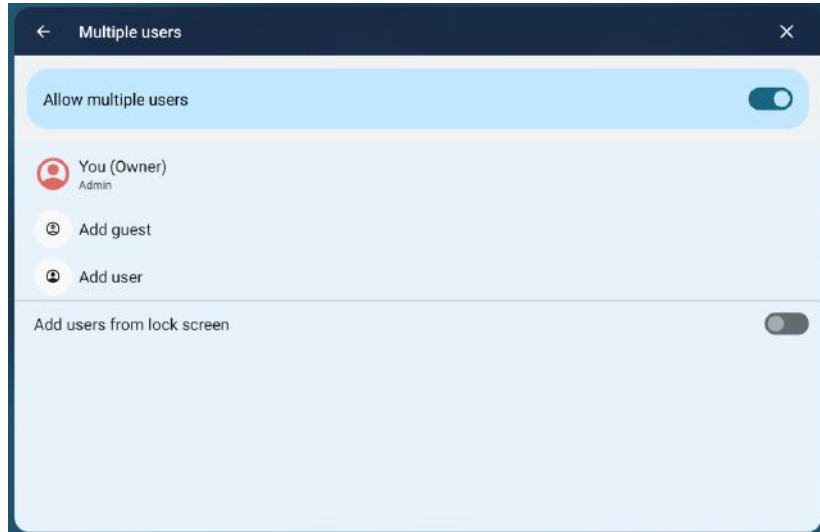
### 6.5.7.7 Scheduled shutdown

You can set the startup time and shutdown time of the large screen to control the automatic startup or shutdown of the large screen.



## 11.5.8 Multi-User

When the system starts up, it is logged in as the main user as default, and up to 10 users(including the host) can be set.



## 11.5.9 System Settings

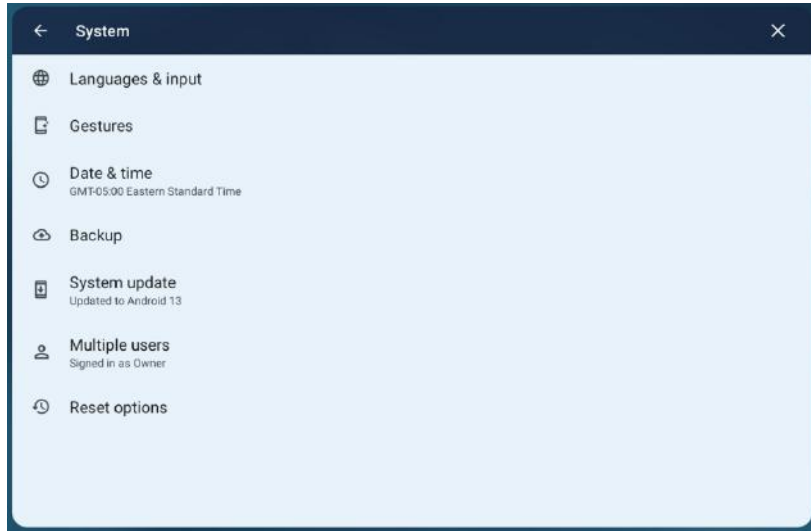
### 11.5.9.1 Date and time

- You can determine the date and time via the network or manually set the system time
- You can set the time zone of the large screen
- You can set the system time display mode to 12-hour or 24-hour



### 11.5.9.2 Language and Input method

It is used to set the system language and virtual keyboard. If the large screen has a third-party virtual keyboard installed, it can also be set here.



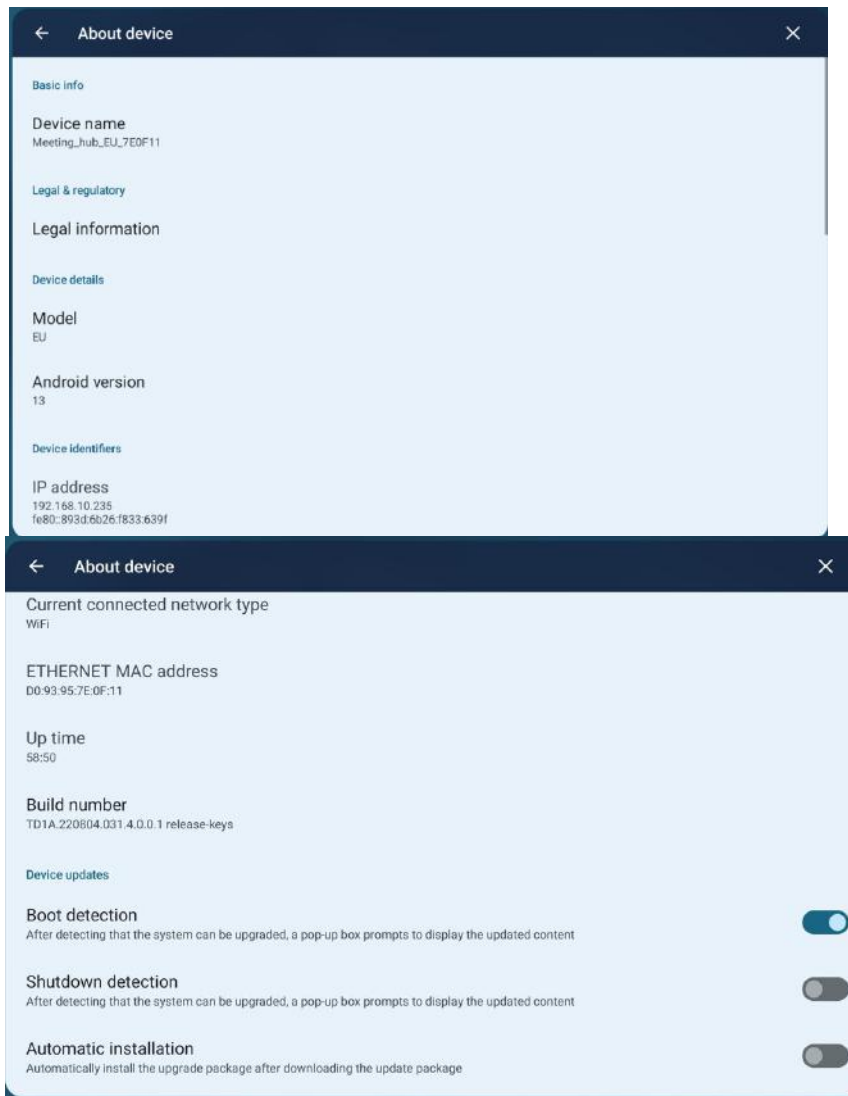
### 11.5.10 App Info

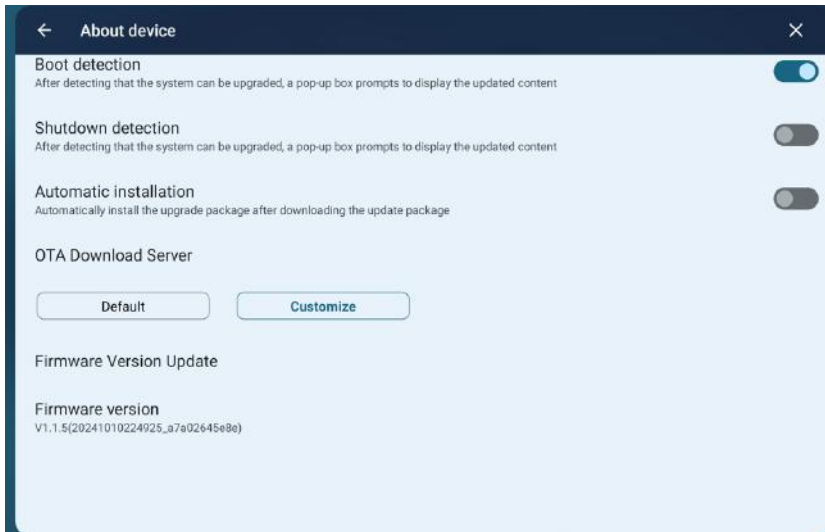
Used to clear application data and stop application running



## 11.5.11 About

It is used to modify the device name of the large screen, restore factory settings, restore user settings, and display system version number and other information.





#### 11.5.11.1 Device name

The device name supports a maximum of 20 characters.

#### 11.5.11.2 Restore factory settings

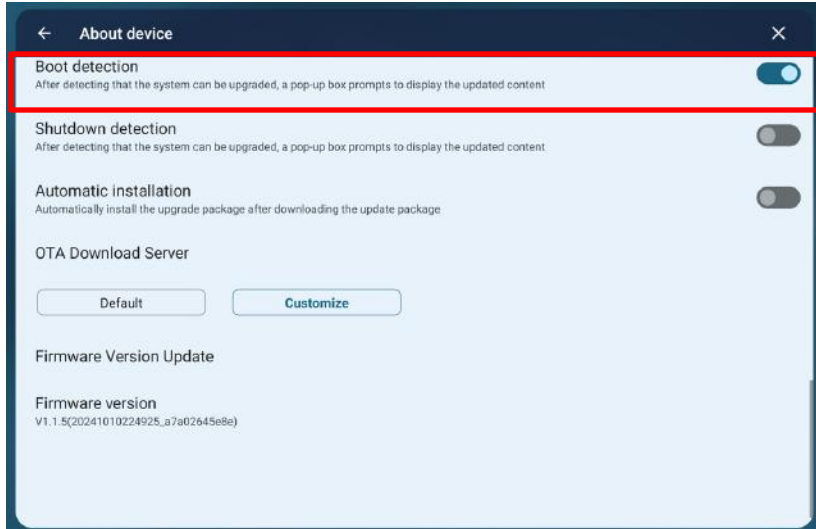
After restoring the factory settings, all user information and function settings on the large screen will be erased, including the applications installed by the customer, the files stored in the file manager, and the function settings of the large screen.

#### 11.5.11.3 User Settings Reset

It is a semi-factory reset. After reset, the system switches set by the user will return to the default state, but the installed applications and files will not be cleared.

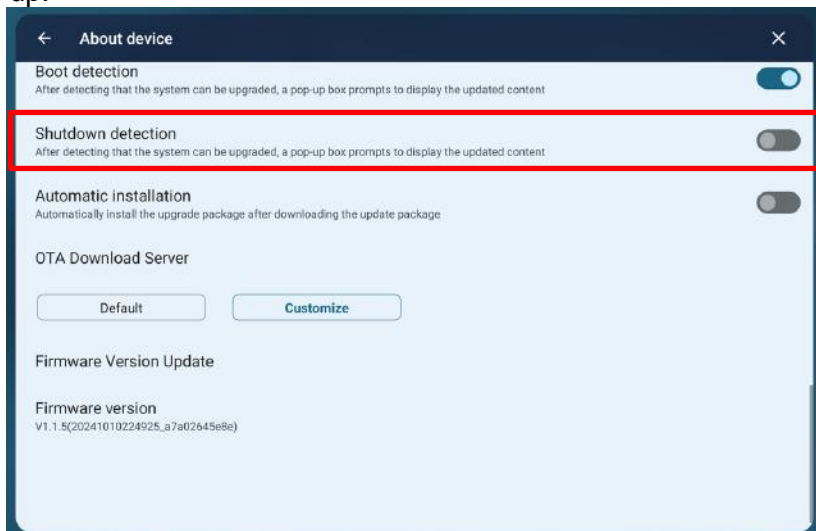
#### 11.5.11.4 Boot detection

When the large screen is connected to the Internet and is turned on, if an update is detected, a prompt box will pop up indicating that it can be updated.



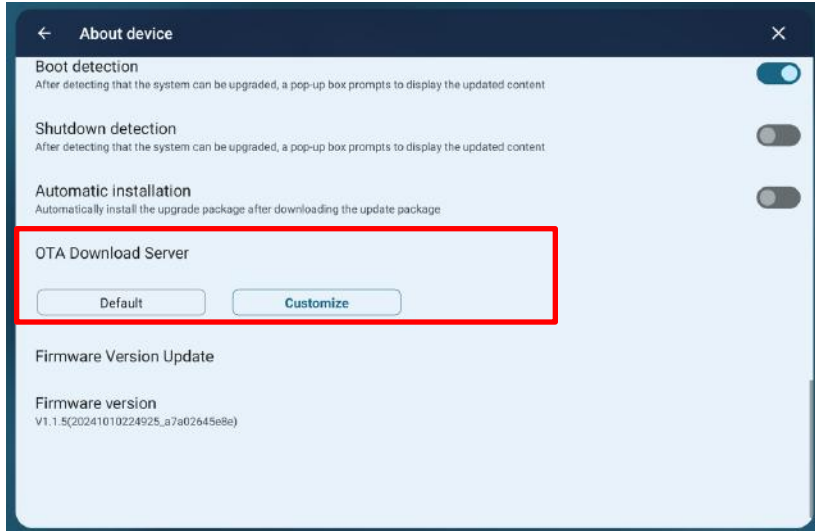
### 11.5.11.5 Shutdown detection update

Before the innex meeting hub EU series is turned off, if a newer system firmware is detected, a system upgrade prompt box will pop up.



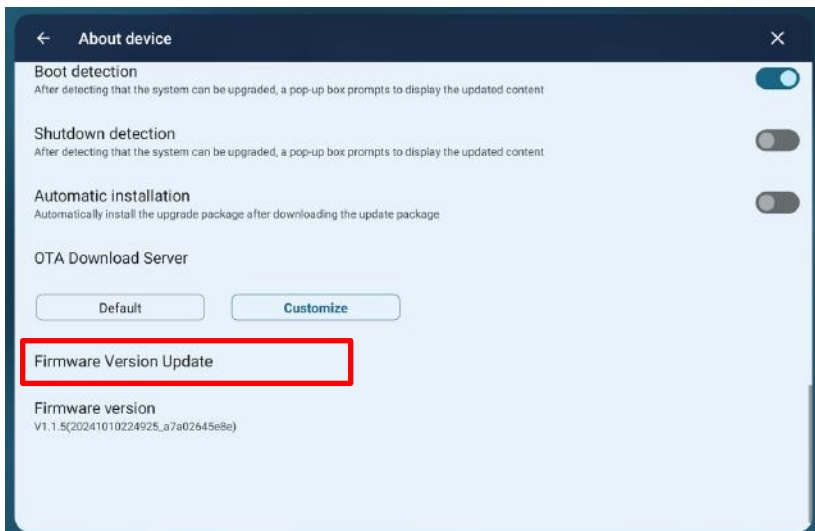
### 11.5.12 OTA Download Serve

It is used to set the server of the OTA upgrade. Generally, end users use the default button. During the debugging stage, they can customize the input server address to test and confirm the OTA function.



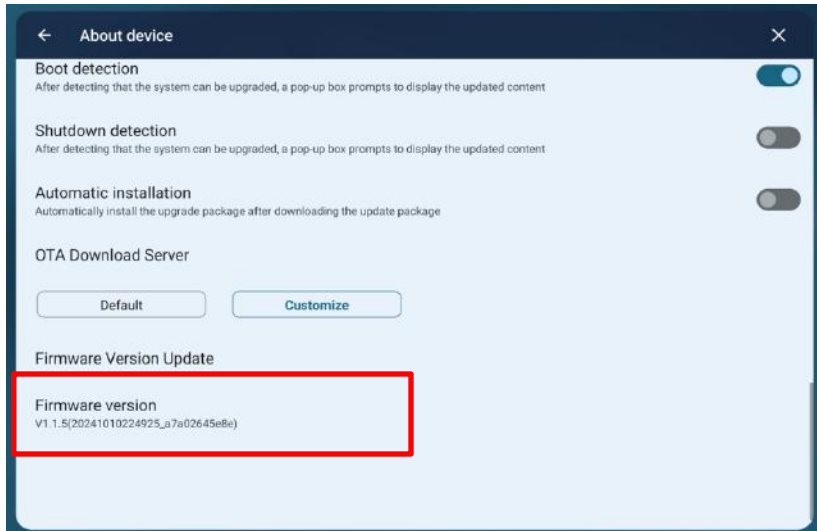
### 11.5.13 Firmware upgrade

When the server has a newer firmware version, you can manually choose the firmware version upgrade to upgrade the large screen OTA



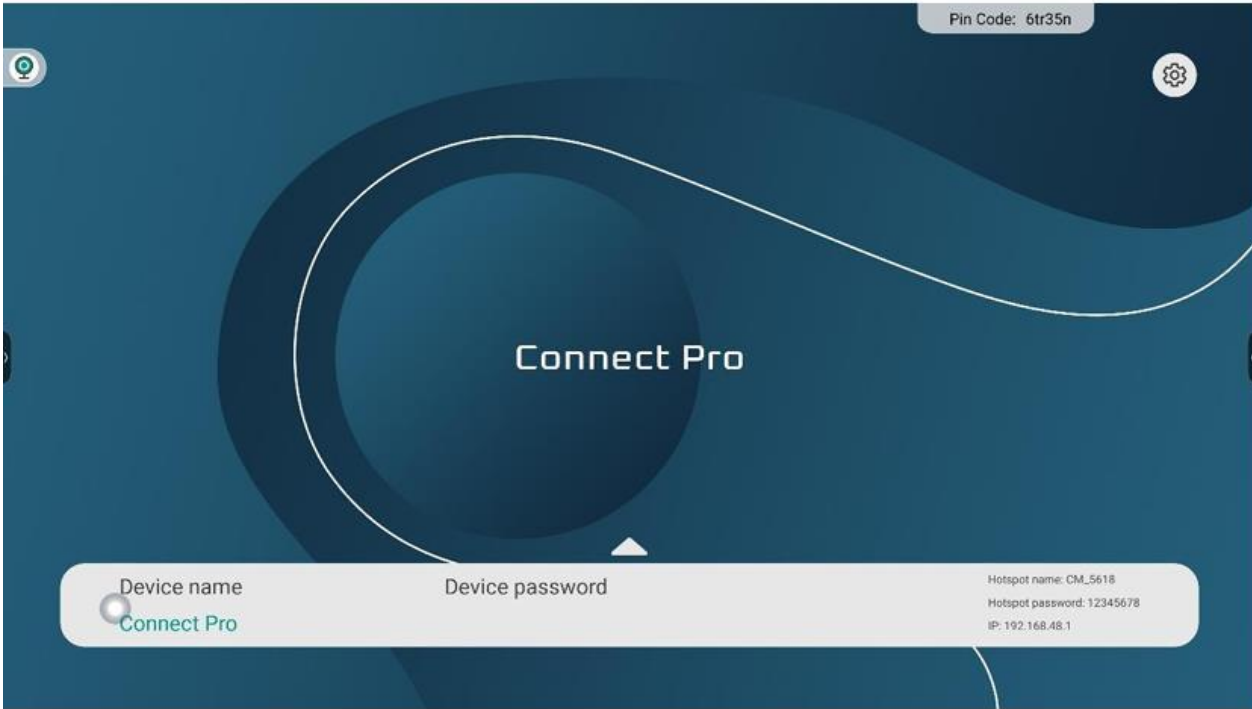


## 11.5.14 Firmware version

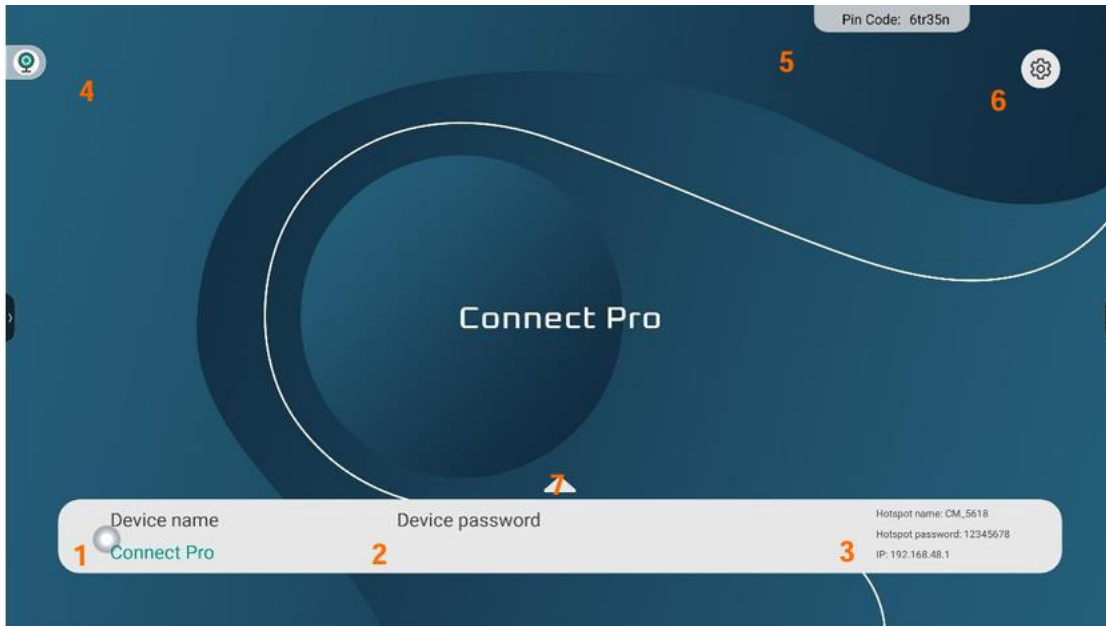


## 11.6 Screen share

Connect Pro is a BYOM technology that supports device casting of screen image and sound and streaming of UC camera and microphones with touch back control. It supports multiple simultaneous devices casting by using the Connect Pro button (optional) , Connect Pro Software, or native casting such as: Airplay, Chromecast, and Miracast.

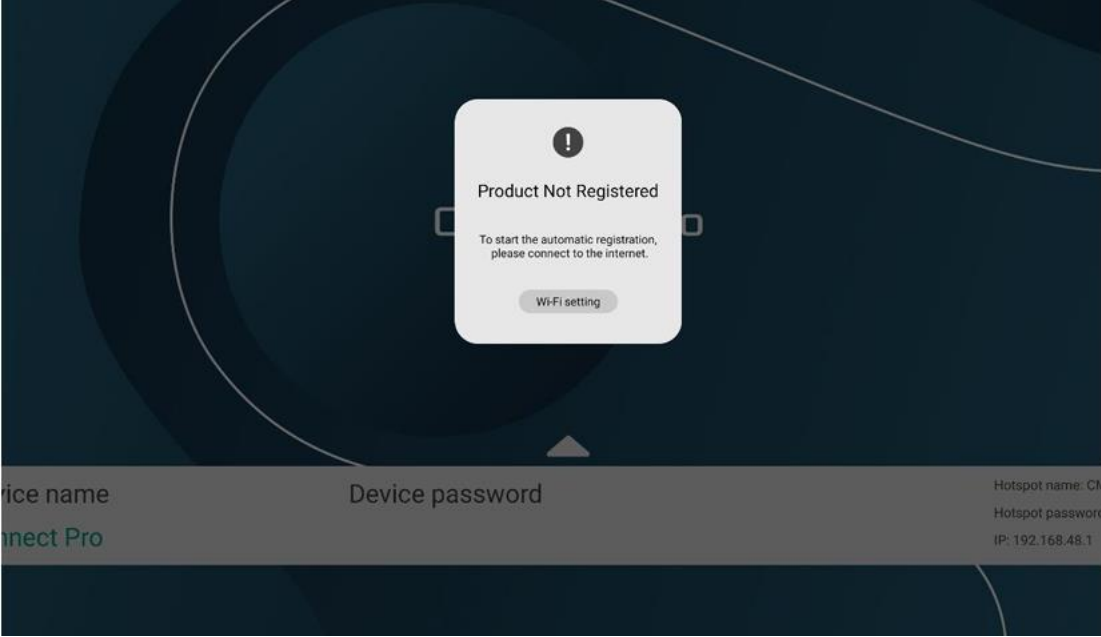


### 11.6.1 Instruction



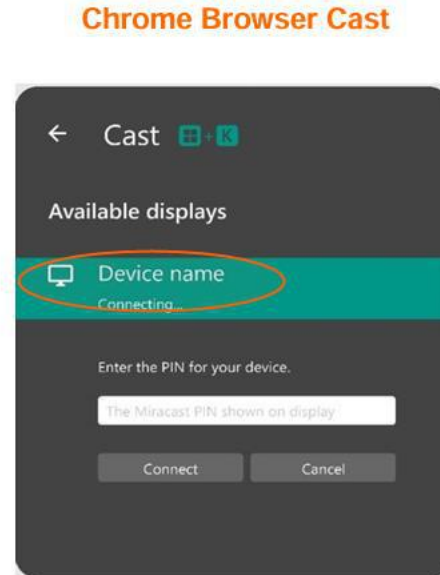
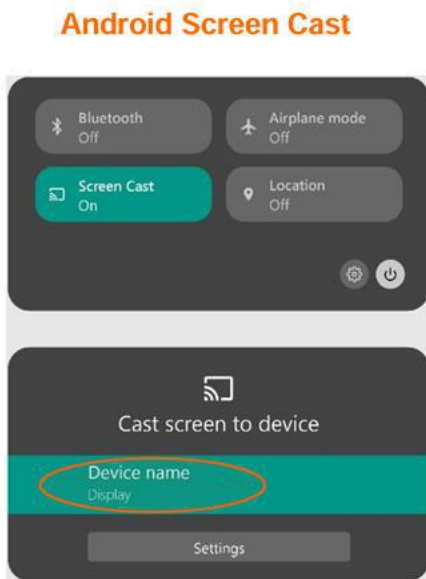
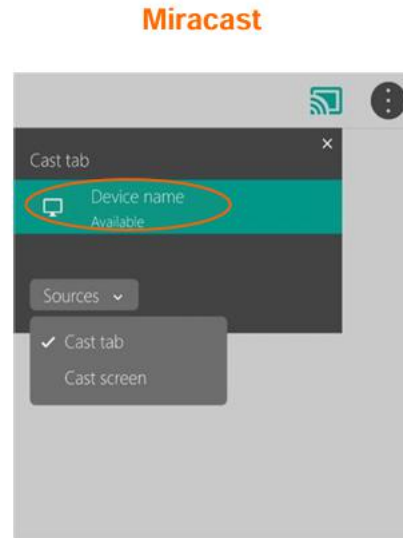
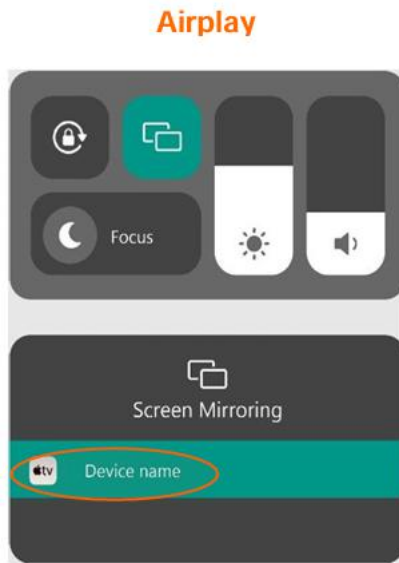
Note: 1) Device Name. 2) Device Password 3) Connection Information 4) Status & Control Panel 5) Pin Code 6) Setting 7) Access to Quick Guide

If the Connect Pro Receiver has not been activated, the message “Product Not Registered” will appear. Please ensure an internet connection is available through Wi-Fi or ethernet then the registration process will occur automatically.



### 11.6.2 Device name

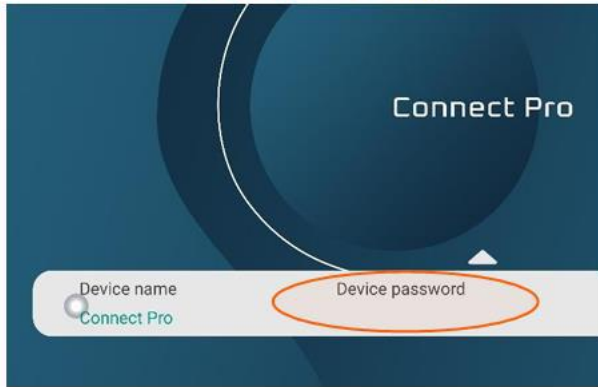
Default set to be Connect Pro, this name will be the device name to select while casting to the screen in Airplay, Chromecast, Miracast, or the Connect Pro Software. Users can change this name can be change in Connect Pro setting.



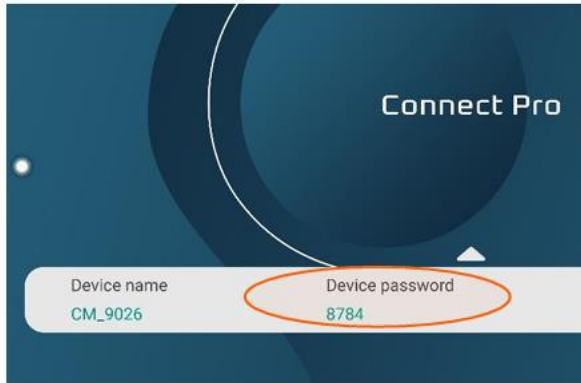
### 11.6.3 Device Password

Chrome Browser Cast Disabled by default, users can create a manual or dynamic 4-digit password in Connect Pro Receiver setting.

No password as default

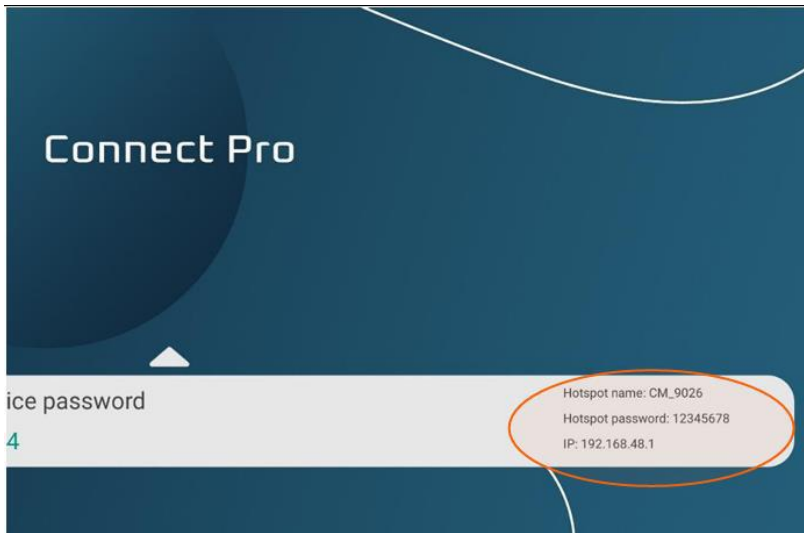


With a 4-digit password



### 11.6.4 Connection Information

With a 4-digit password Hot spot name and password – If user’s device is not in the same network as the EU, the users can choose to connect to the EU hotspot to cast screen. IP: 192.168.XX, XX – is the assigned IP address of the Connect Pro Receiver. This information is useful when users choose to use the Connect Pro Software to connect to the EU.



### 11.6.5 Status & Control Panel

The status icon indicates how many devices are currently connected to the EU. If there is just the icon without any number, it means it’s ready to be connected. Any number will indicate the current connections. **\*\*IMPORTANT:** The icon must be visible to indicate the Connect Pro Receiver is registered, activated, and properly functioning. No icon – cannot be casted Icon visible – ready to be casted Icon visible – 1 device connected

No Icon – cannot be casted



Icon visible – ready to be casted

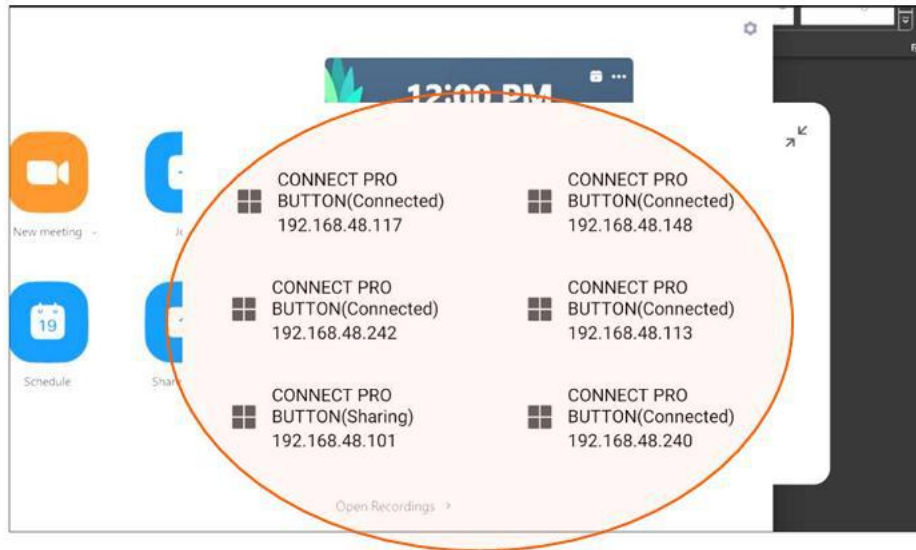


Icon visible – 1 device connected



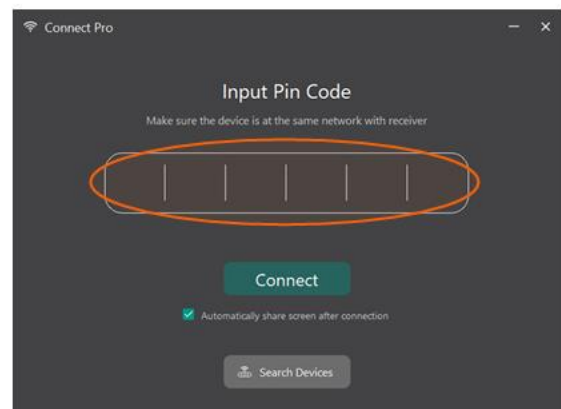
Users can tap the status icon to see the current list of connected devices. Further action can be taken by interacting with individual connected devices. Connect Pro runs as a background service when the camera icon appears on the display, indicating that the service is active and ready to be casted. BYOM is available with Connect Pro button which is an optional accessory.

In the example below, there are six connected Windows devices



### 11.6.6 Pin Code

Enabled by default, this is designed for the Connect Pro Software. Users simply input the pin code visible on the EU to connect their laptops. Users can disable the pin code and access additional features in Connect Pro Setting.

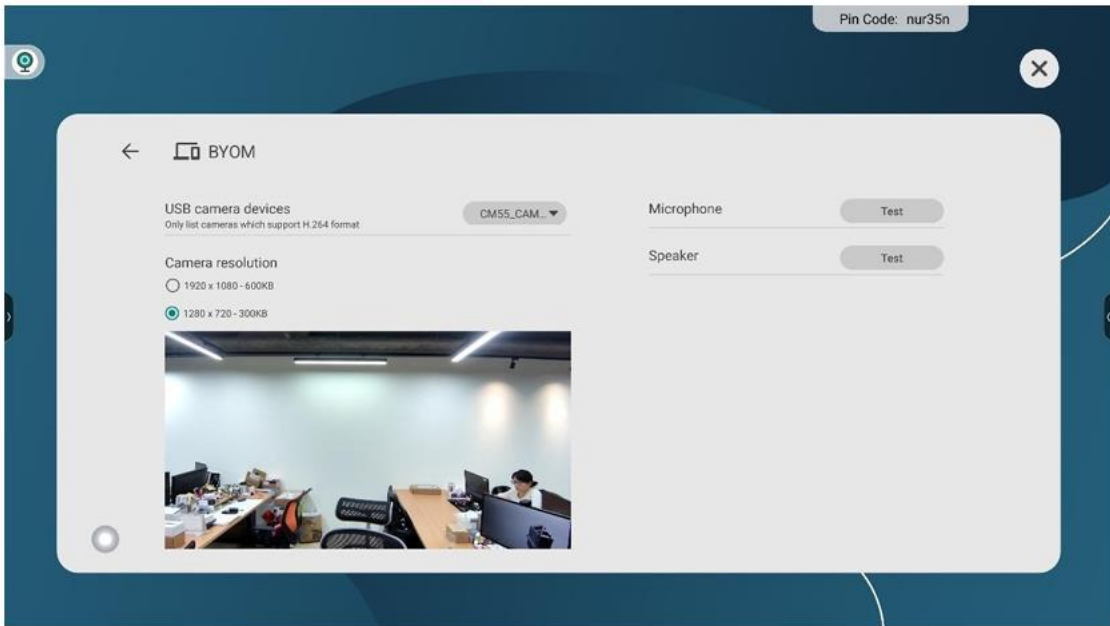
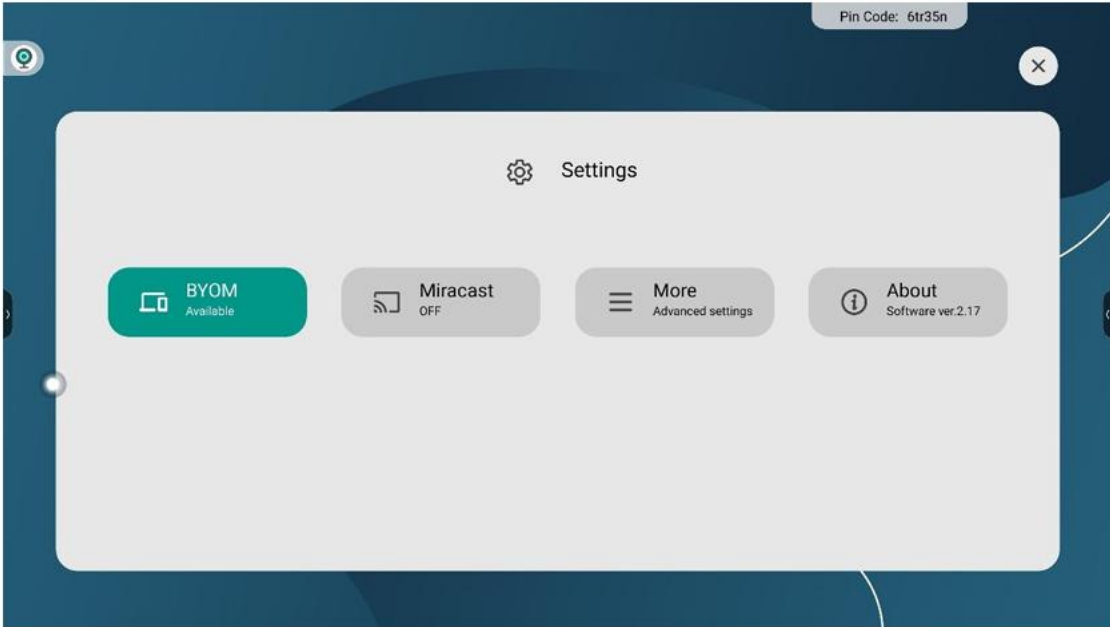


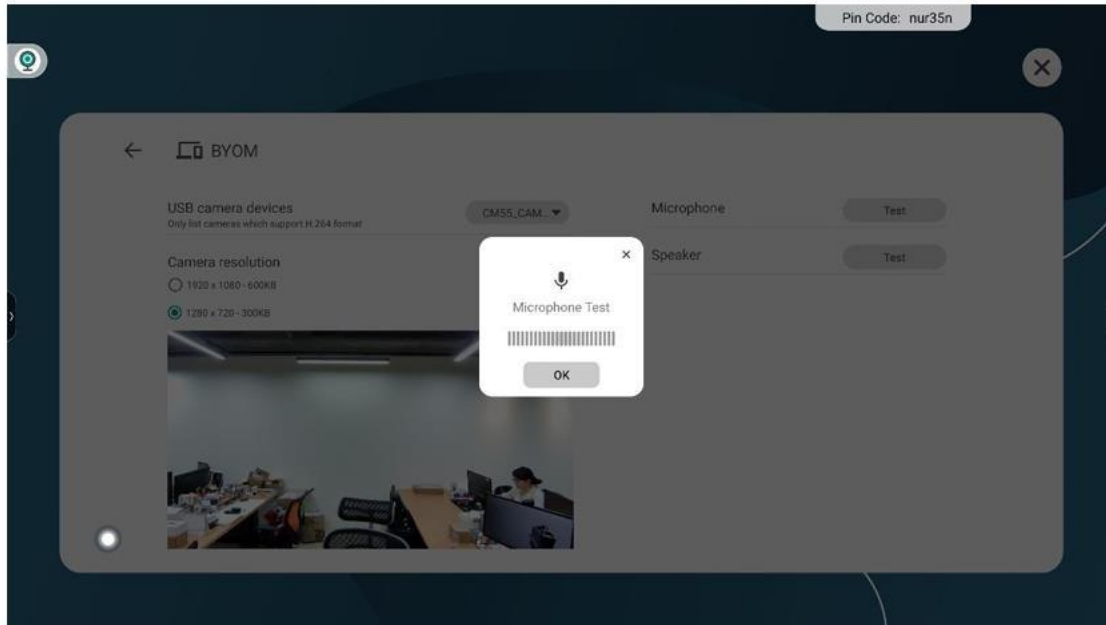
### 11.6.7 Connect Pro Setting

#### 11.6.7.1 BYOM

Users can access the setting related to the BYOM UC features such as the camera streaming bandwidth and quality and test the microphones and speakerphone readiness.

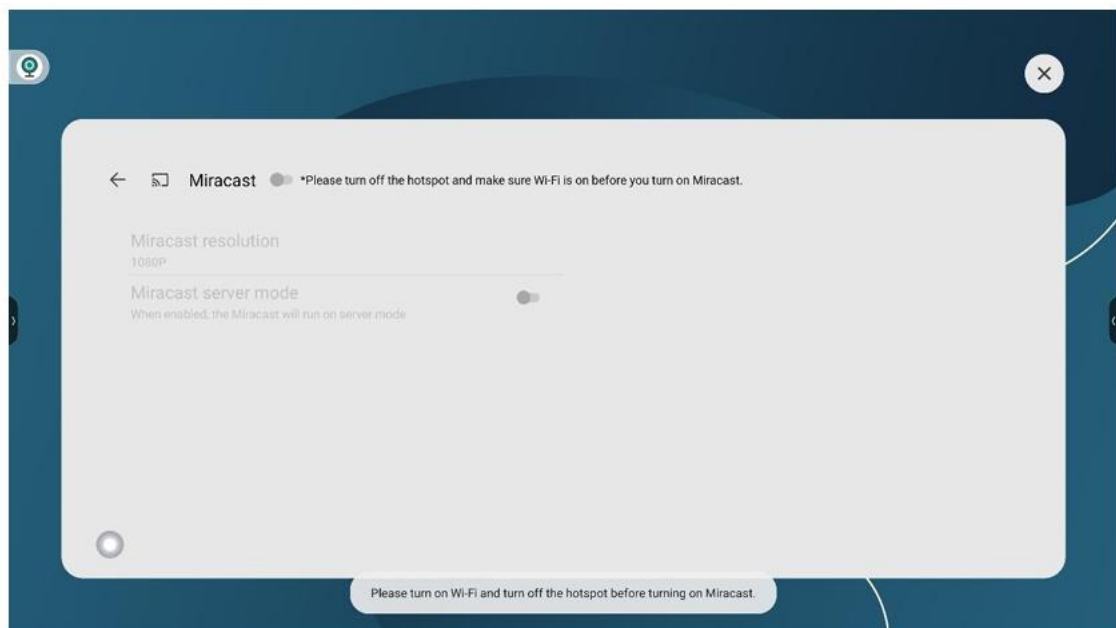
**\*\*Note:** This BYOM setting only applies to laptop devices who are connected by the Connect Pro Buttons (optional accessory). Other connection methods such as Airplay, Chromecast and Miracast do not support BYOM UC.





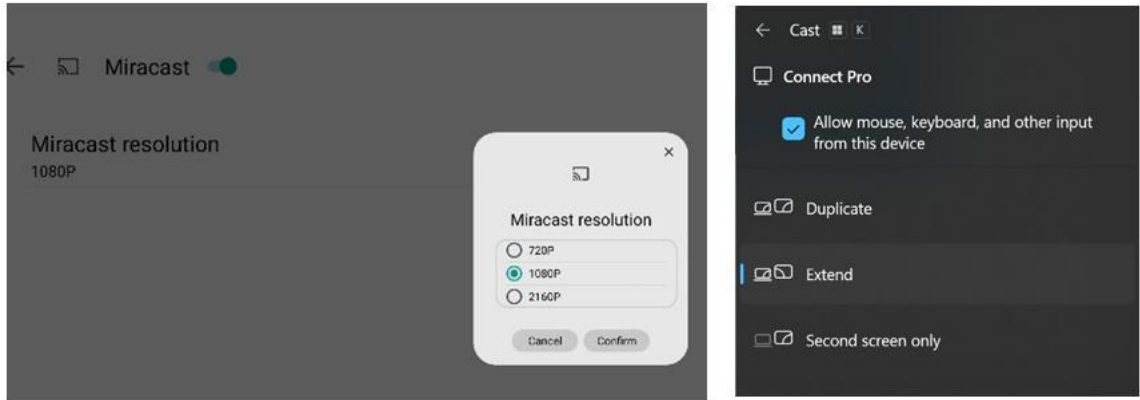
### 11.6.7.2 Miracast

Disabled by default, users can choose to enable it by turning off the CM55 hotspot while turning on Wi-Fi. When users try to enable it without turning off the hotspot, a notification message will appear at the bottom. **\*\*IMPORTANT:** Turning off the hotspot will disable the Connect Pro Buttons.



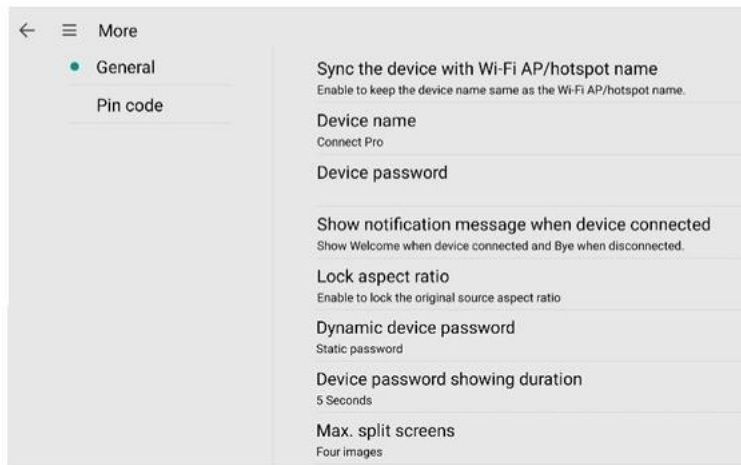
Miracast resolution is 1080p by default. 720p and 2160p options are available depending on users preference and network environment - higher resolution requires higher data bit rate. **\*\*Note:** As most laptop displays are 1080p, keeping the Miracast resolution option at 1080p is normally sufficient when the displays are set to be in duplicate mode. To go for 2160p quality, the display setting should be set to extend mode.





## 11.6.8 Advance Setting

### 11.6.8.1 General



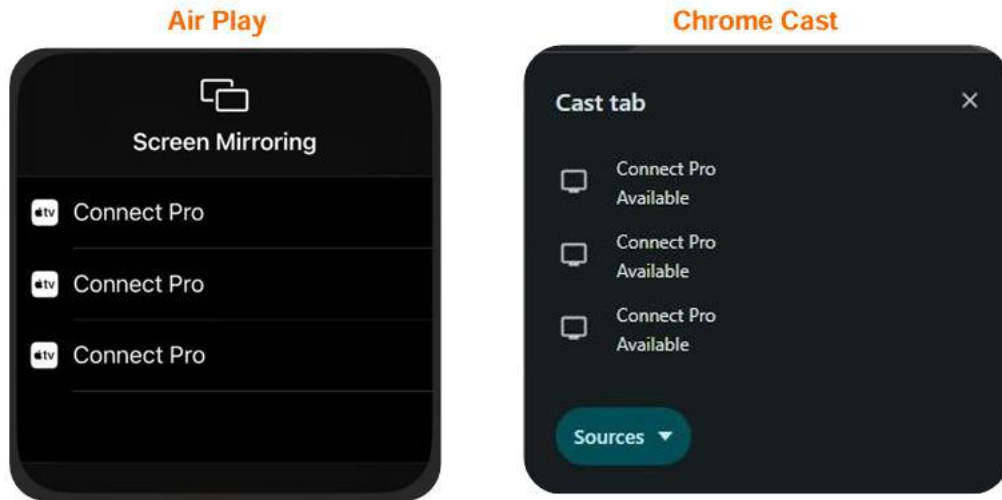
#### 11.6.8.1.1 Sync the device with the hotspot name

Disabled by default, when enabled, the Device name will change from the default name Connect Pro to CM55's hotspot name which is created randomly by default. The users are then able to distinguish each CM55 instead of seeing multiple Connect Pro Device within the 39 same network, preventing casting to the wrong CM55 when using Airplay or Chrome Cast.

#### 11.6.8.1.2 Device name

Default to be Connect Pro, users are recommended to manually change the name of the Connect Pro Receiver to better identify which CM55 to cast, such as Conference Room A, or CEO Office. If there are multiple CM55 in the same network all using the same name Connect Pro, users may cast their device to the wrong CM55. **\*\*Note:** Airplay, Chromecast, Miracast and the Connect Pro Software all required to select the correct device name to cast.

In the example below, there are 3 Connect Pro Receivers in the same network with the same default name as Connect Pro, making it difficult to distinguish them

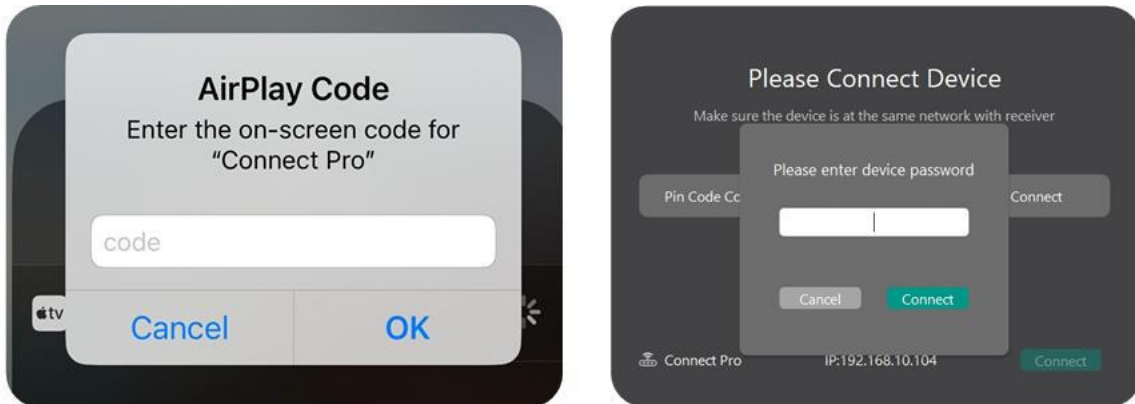


**\*\*IMPORTANT:** It is strongly recommended for users to change the device name from the default name to a unique name especially if the Connect Pro Receiver are in the same network. **\*\***

#### 11.6.8.1.3 Device password

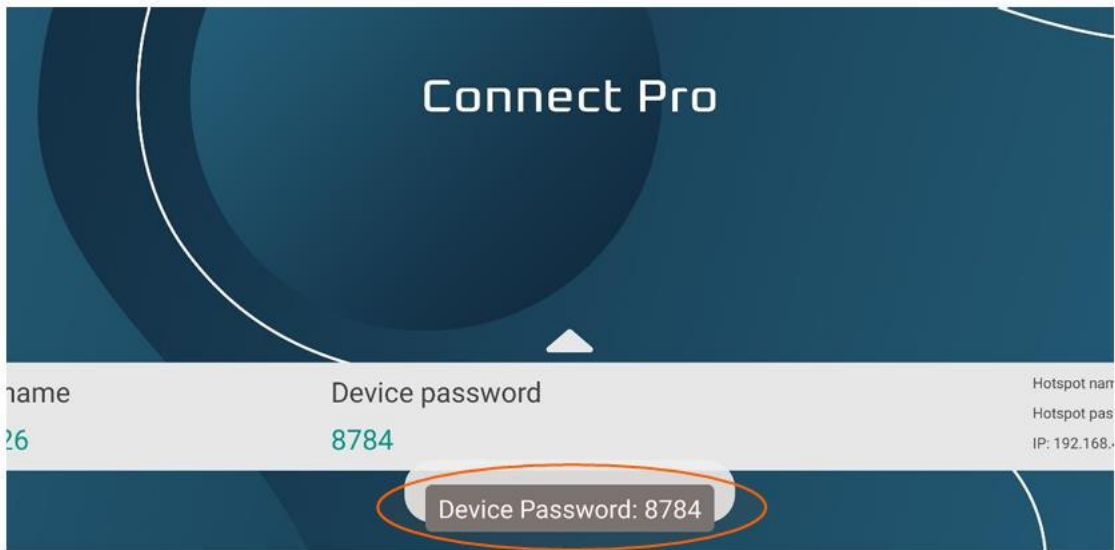
Disabled by default, users can set the device password (4 digits number only) of the Connect Pro Receiver. This password displays on the Connect Pro Receiver home screen. If the device has previously connected with the same displayed password, the device can reconnect without typing the password again.

**\*\*Note:** Users who use Airplay, Miracast, and the Connect Pro Software are required to type in the device password to connect.



#### 11.6.8.1.4 Show Notification Message

When device connects Enabled by default, on screen notification will appear whenever a device is attempting to connect to the Connect Pro Receiver. This is to allow the users in the same room to see the password conveniently.

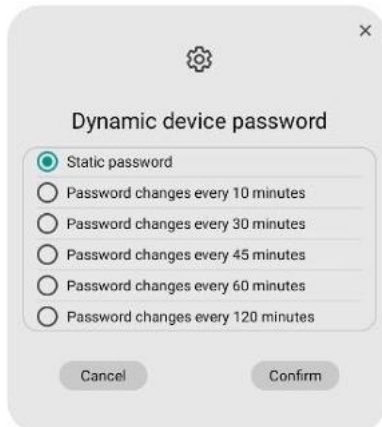


#### 11.6.8.1.5 Lock aspect ratio

Enabled by default, the Connect Pro Receiver will render the casting device in its original aspect ratio.

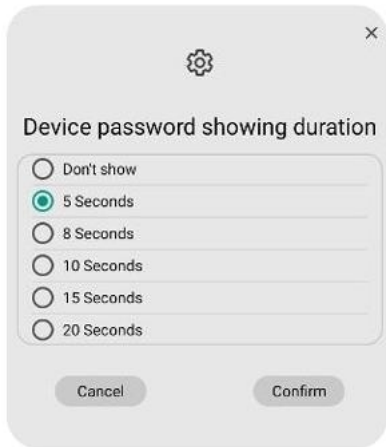
#### 11.6.8.1.6 Dynamic device password

Disabled by default, when enabled, the Connect Pro Receiver will dynamically generate a new password per the time period selected.



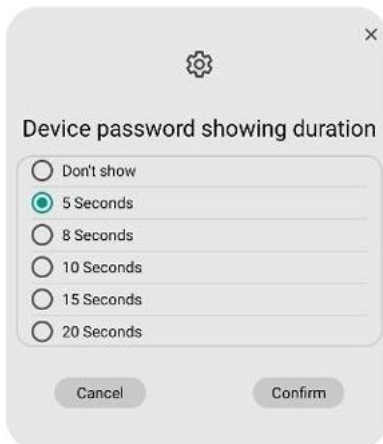
#### 11.6.8.1.7 Device password

showing duration Disabled by default, when enabled, the Connect Pro Receiver will display the current device password on the bottom part of the CM55 so the users in the same room can see what the correct password is.



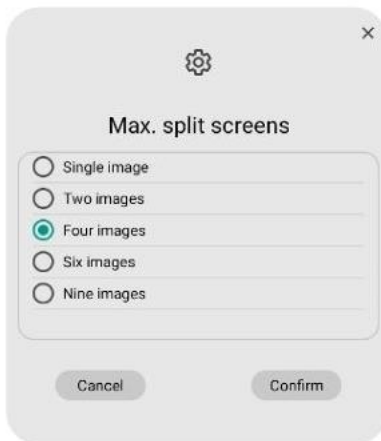
#### 11.6.8.1.8 Device password showing duration

Disabled by default, when enabled, the Connect Pro Receiver will display the current device password on the bottom part of the CM55 so the users in the same room can see what the correct password is



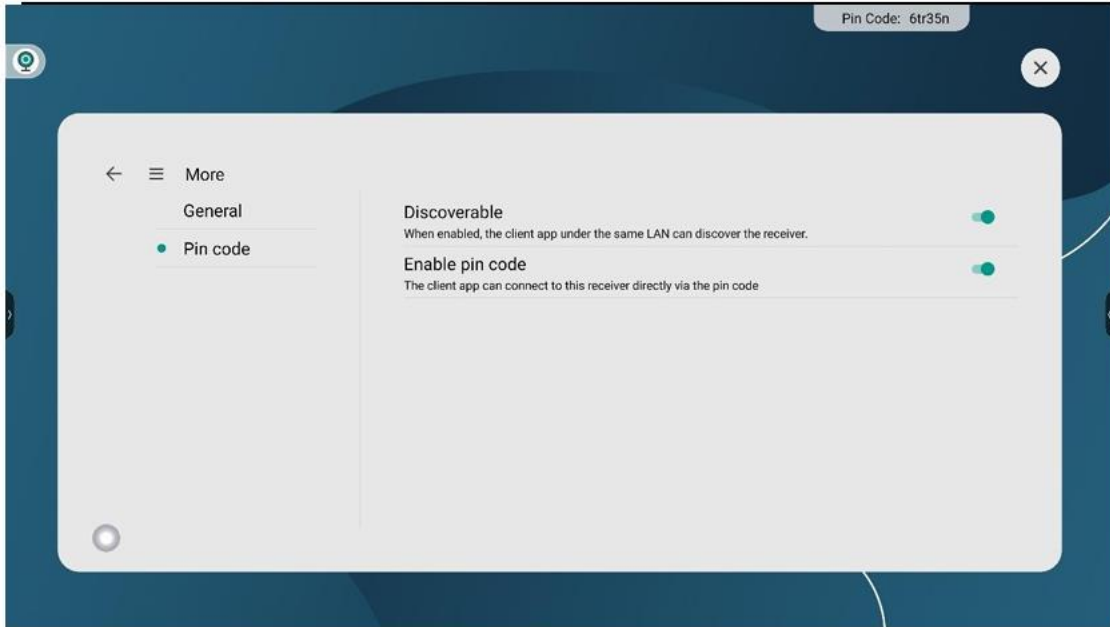
#### 11.6.8.1.9 Max. split screens

Default to be 4 split screens, users can select from options of 1,2,4,6 or 9.



#### 11.6.8.2 Pin Code

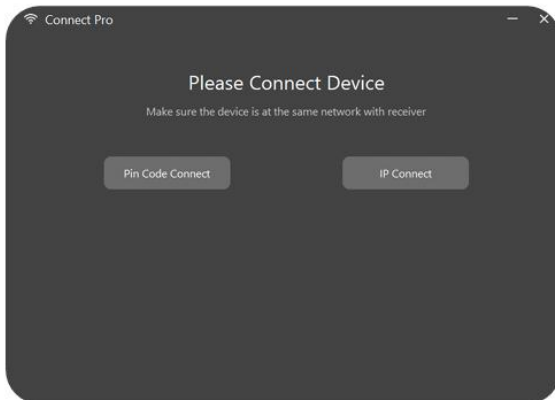
Default set to be enabled and discoverable, users may choose to disable it if they do not need to connect using the Connect Pro Software.



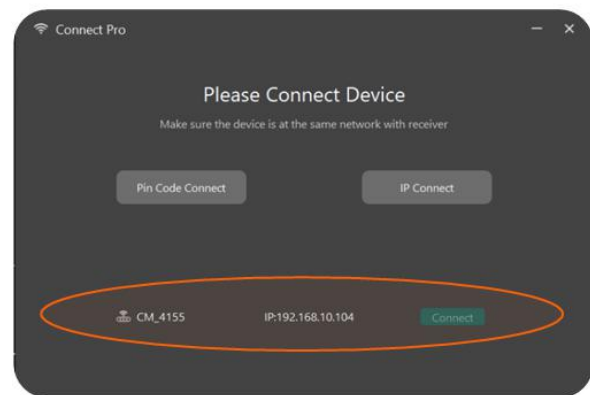
### 11.6.8.2.1 Discoverable

Enabled by default, this allows the Connect Pro Software in the same network to be able automatically discover and connect to the Connect Pro Receiver.

**Connect Pro Software not discovering any CM55**

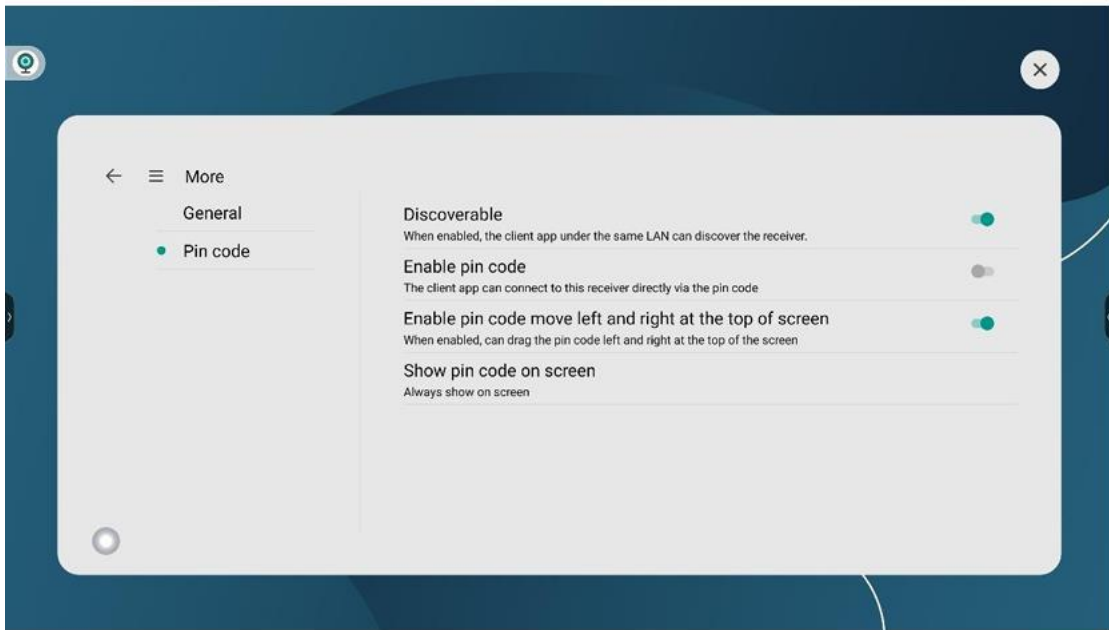


**Connect Pro Software discovering 1 CM55**

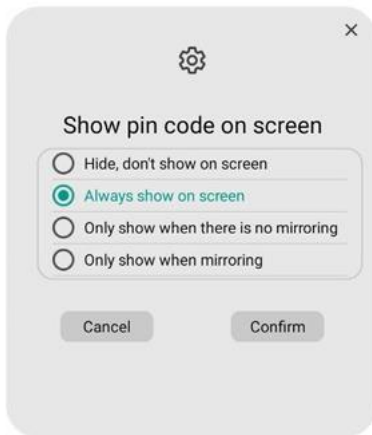


### 11.6.8.2.2 Enable pin code

Enabled by default, this allows the Connect Pro Software in the same network to be able to use the pin code to connect to the Connect Pro Receiver. To access the pin code setting, please turn off Enable pin code to reveal more settings.



- Unlock pin code position – Enabled by default, users can drag the pin code horizontally across the top of the screen.
- Show pin code on screen – The default option is always show on screen, users can choose from other options.

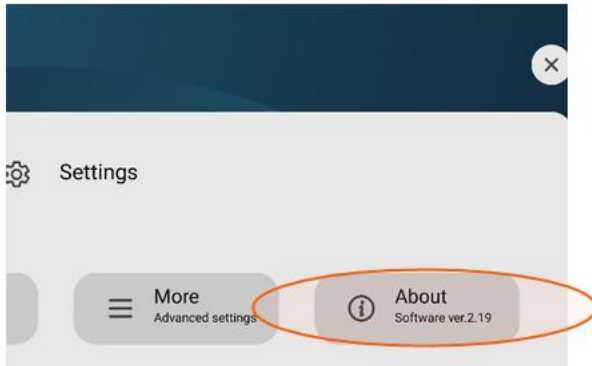


- Hide, don't show on screen – for privacy, does not show the pin code. Only users who knows the pin code can connect by pin code.
- Always show on screen (Default) – easier for users to see the pin code and use it to connect.
- Only show when there is no share screen – prevents the pin code from interfering with the screen sharing.
- Only show where mirroring.

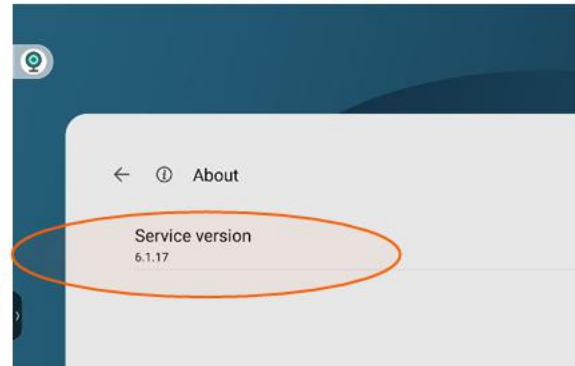
## 11.7 About

Users can find out the Connect Pro Receiver software version and service version, both are important to identify the Connect Pro Receiver. Software version

### Software version

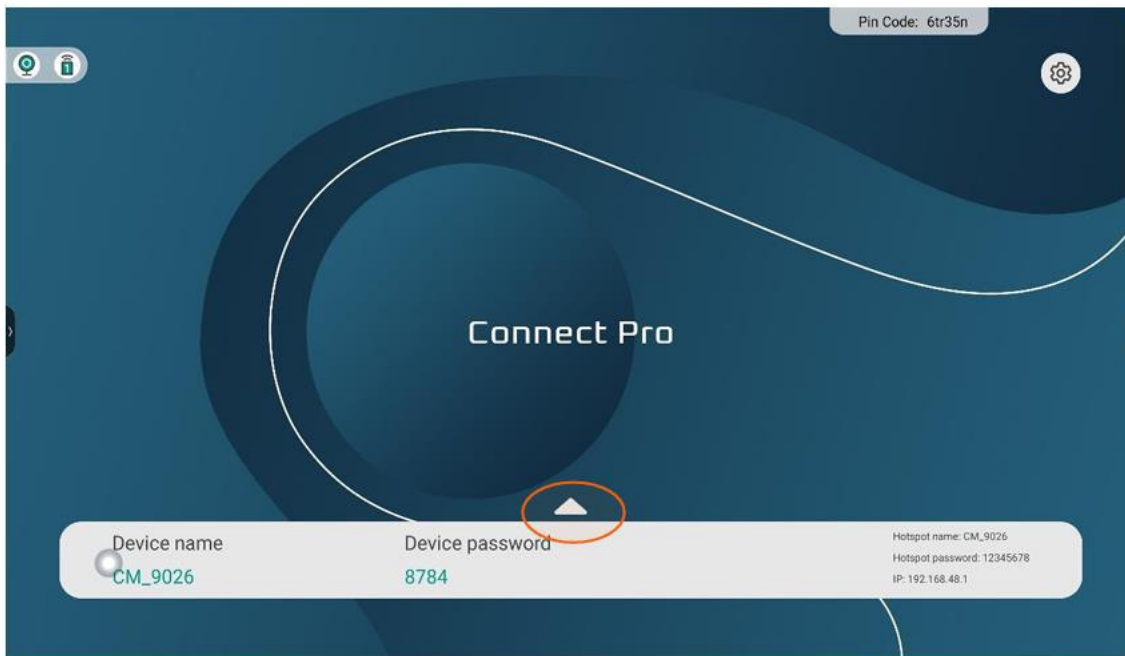


### Service version

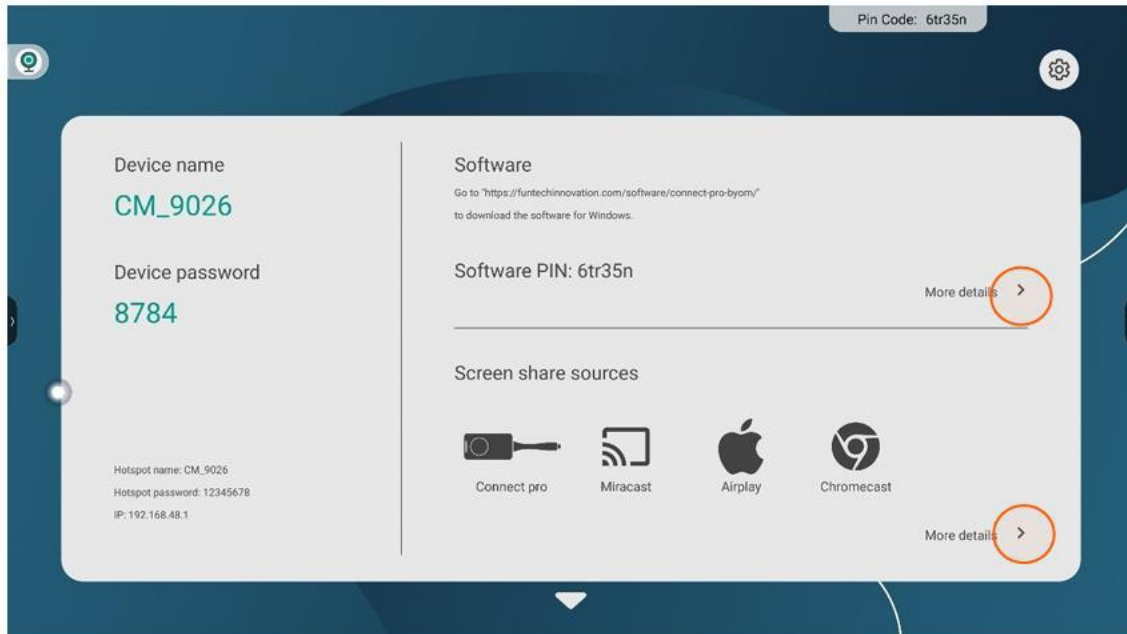


## 11.8 Access to Quick Guide

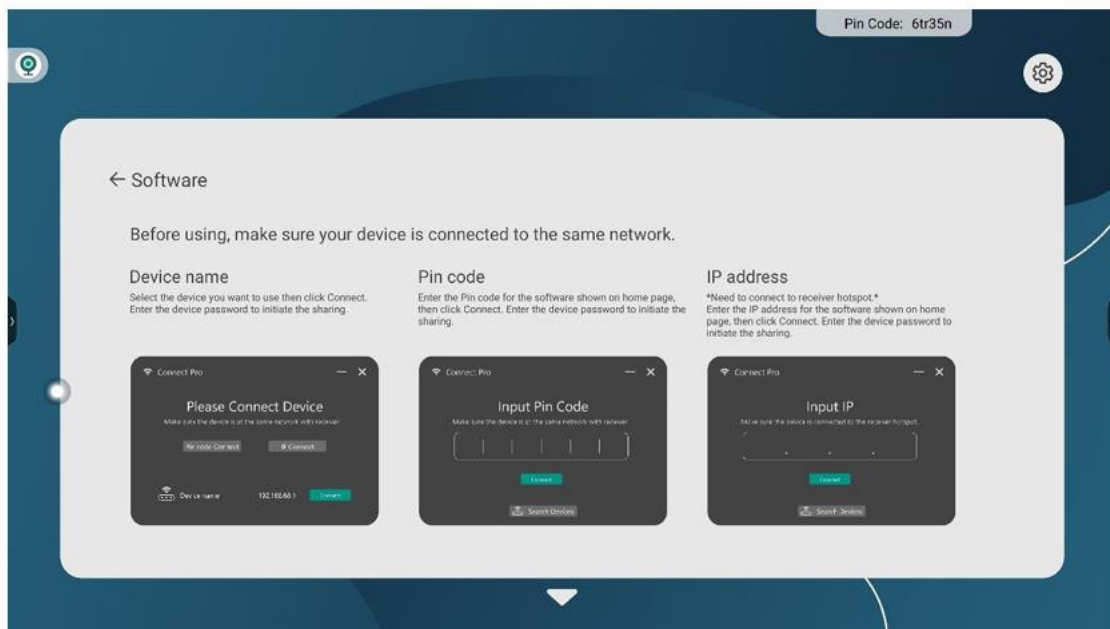
Service version Tap to expand and see detailed quick guide on how to connect.



Quick guide home shows connecting information and provides detailed explanations on how to connect using Connect Pro Software, Connect Pro Button, Miracast, Airplay, and Chromecast. Tap on more details to access more

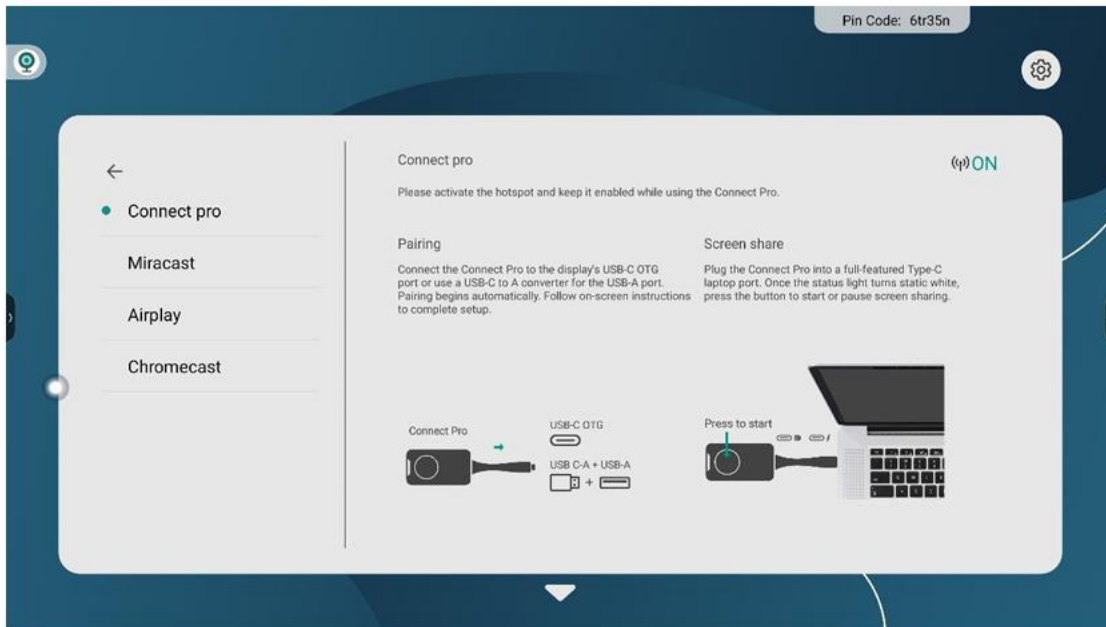


## Connect Pro Software Quick Guide

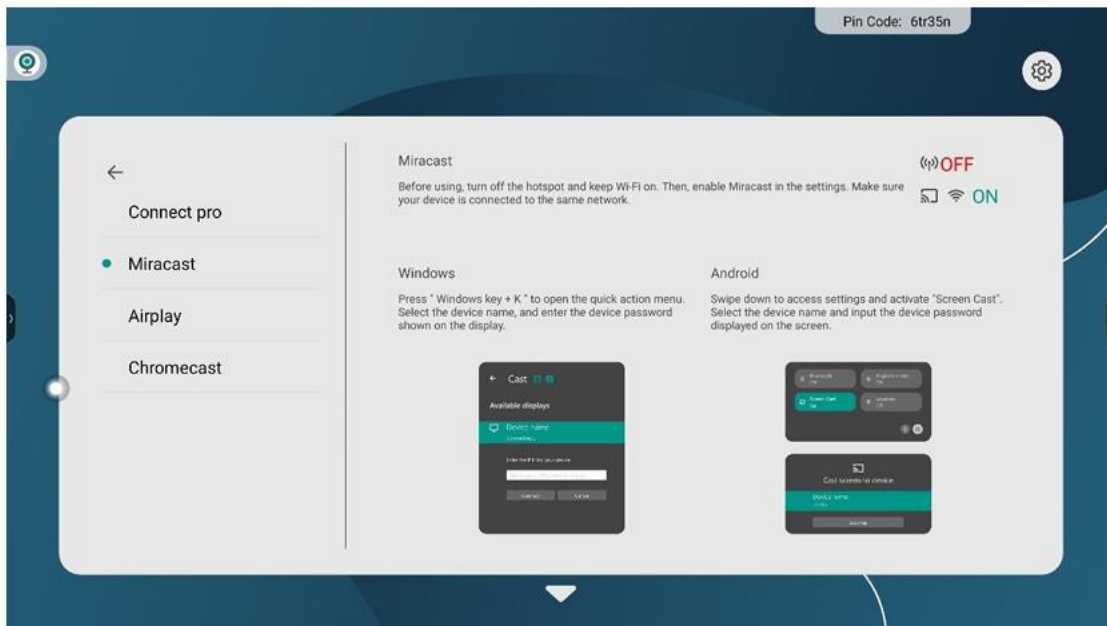




## Connect Pro Button Quick Guide

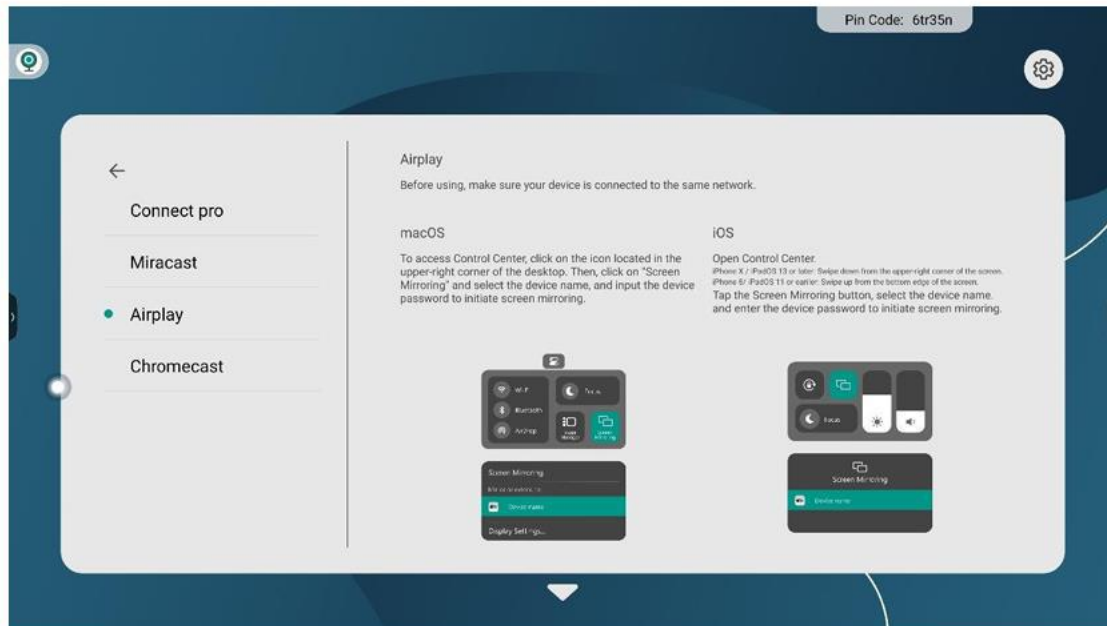


## Miracast Quick Guide



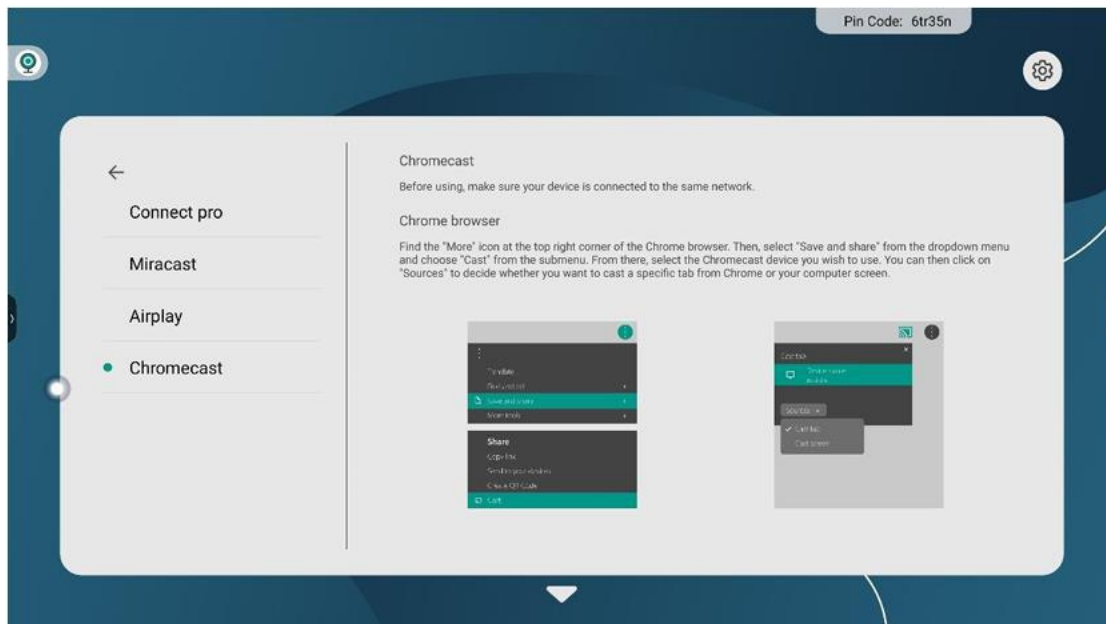
**\*\*IMPORTANT:** Hotspot must be turned off and Wi-Fi is turned on for Miracast casting to work. Connect Pro Button would not work under this circumstance.

## Airplay Quick Guide

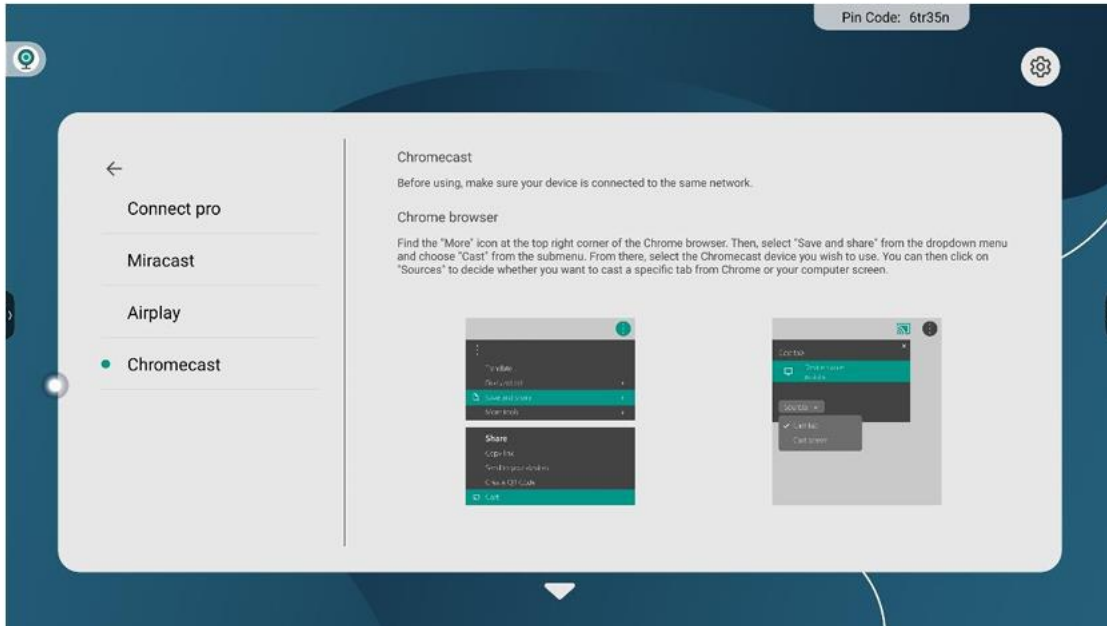


**\*\*IMPORTANT:** For Airplay to work, the macOS or iOS device must be in the same network or connected to EU's hotspot.

## Chrome Cast Quick Guide



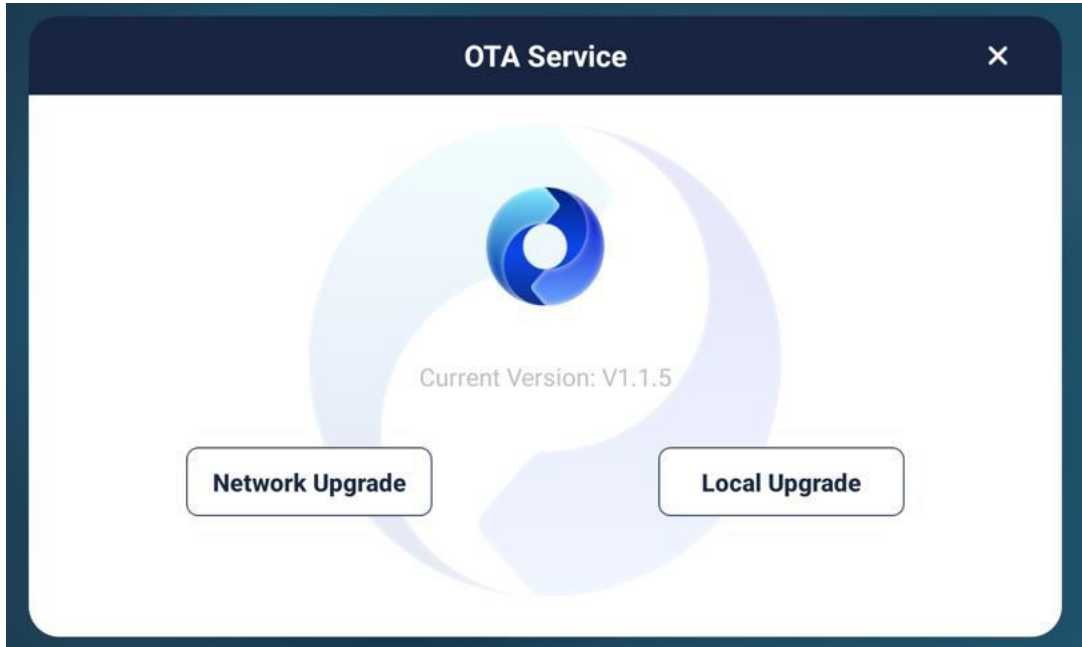
## Chrome Cast Quick Guide



**\*\*IMPORTANT:** For Chromecast to work, the Android device or Chrome Browser must be in the same network or connected to CM55's hotspot.

## 11.9 System Updates

For EU firmware upgrade, there are two ways: network upgrade and local upgrade.



## 11.9.1 Network update

When the server has an OTA package higher than the current version, click the network update button to perform network upgrade.



### 11.9.1.1 Show release note

To show the version update content.

### 11.9.1.2 Download now

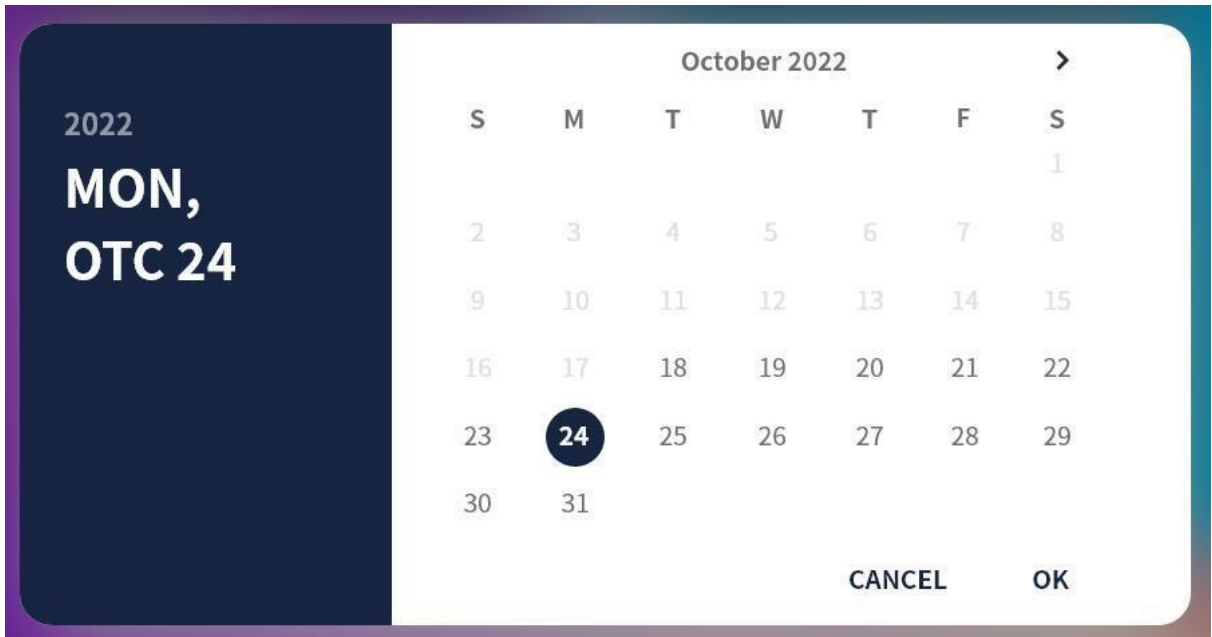
After choosing the Download Now button, the download progress bar will be displayed automatically. Do not power off during the upgrade. After the system is upgraded, you need to manually restart the large screen to automatically upgrade the system.



- network download support breakpoint continuingly when the time the network is a bad environment, recover in time the network, can still continue to complete the upgrade under before the progress bar
- support background download function, can be downloaded, operation time, upgrade process does not affect the individual operations.

### 11.9.1.3 Update plan

You can set the date you want the system to update.

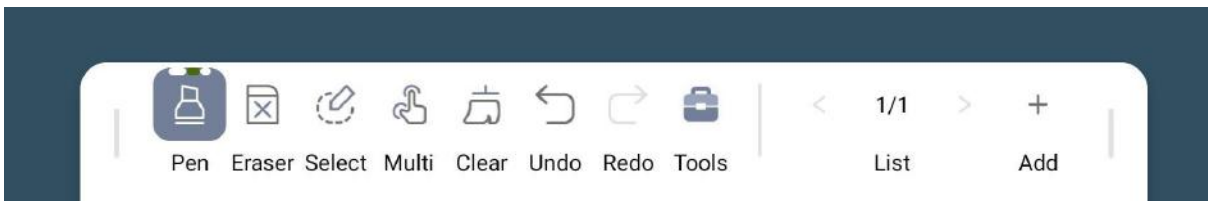
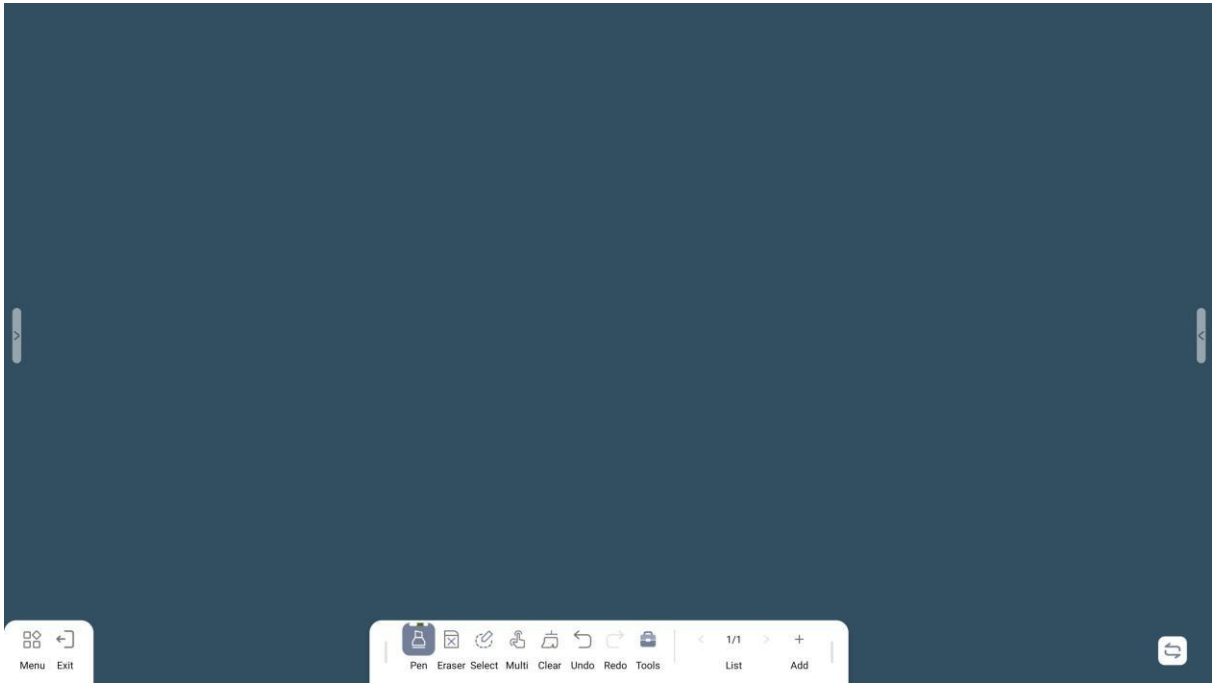


### 11.9.1.4 Local Update

- The USB flash drive can be updated locally when the OTA file named update.zip is placed into the USB flash drive.
- The Update.zip file is different from the firmware upgraded on the USB flash drive. If OTA local packages are required, ask a software engineer to package them.

## 11.10 Whiteboard

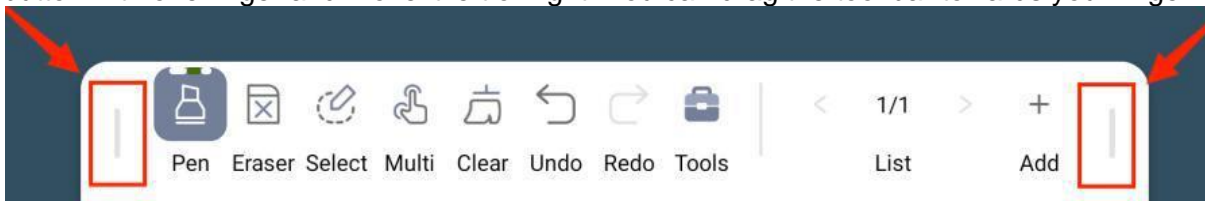
Whiteboard homepage



### 11.10.1 Tool Bar

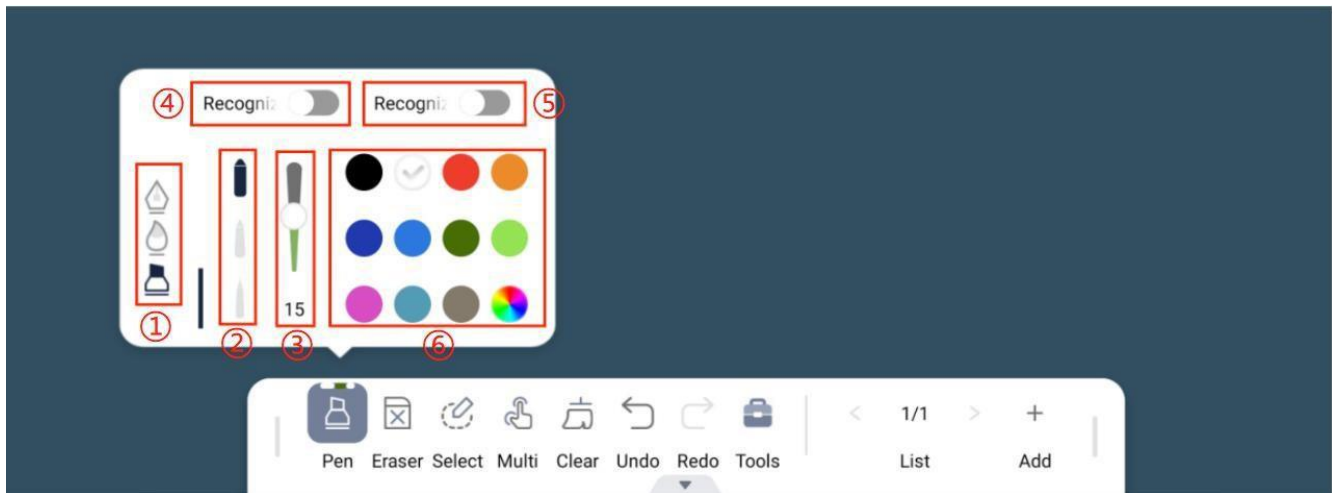
#### 11.10.1.1 Move the tool bar

Touch the button with one finger and move it left or right. You can drag the tool bar towards your finger



### 11.10.1.2 Pen

Used to change the type of brush, and adjust the thickness of the handwriting.



#### ① Brush function

The paintbrush supports 3 kinds of pen shapes, from top to bottom are fountain pen, brush, and whiteboard pen. It draws materials from reality, selects 3 kinds of pens commonly used in life, and imitates the pen marks written by pens.

Fountain pen: Smooth drawing lines, tough pen marks, sharp edges when detached  
Brush pen: The lines are round and smooth, art style writing

Whiteboard pen: draw lines without any effects, has the fastest writing speed

#### ② Adaptive thickness pen function

The self-adaptive thickness pen function has recognition of three types: SS (super fine pen), S (fine pen), and F (thick pen), which is distinguished by the size of the pen used to touch.

Although it is an adaptive pen thickness, this function is defined as three different types of electronic pens.

Each pen can adjust the pen settings, line thickness and line color independently according to personal preferences. When different people use different pen thicknesses When writing with a special pen, the electronic whiteboard can accurately distinguish the drawn lines.

Remark:

The function of the adaptive thickness pen is dependent on the touch frame, and the touch frame needs to support this function

- Ultra-fine pen: 2.8mm;
- Fine pen: 6.5mm
- Thick pen: 10mm

#### ③ Pen thickness adjustment

The size of the pen mark can be adjusted.



#### ④ Shape recognition

After this function is turned on, shapes can be automatically recognized according to the shape of the drawn line, and this function can recognize the shapes drawn by multiple users at the same time.

##### **Remark:**

- Delete: The shapes identified by drawing lines can only be erased by using the selection or clear screen, and the eraser cannot erase this shape
- Supported shapes: triangle, rectangle, trapezoid, circle, ellipse

#### ⑤ Text recognition

After the function is turned on, the language pack can be automatically downloaded through the default language of the system. After the whiteboard recognizes the font shape of the line drawn on the large screen, it will automatically convert it into text.

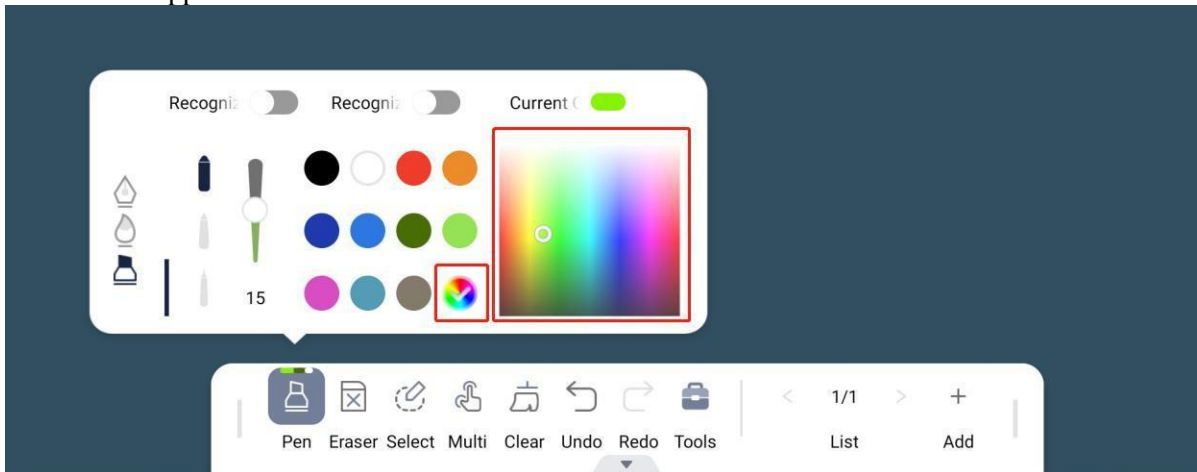
##### **Remark:**

- After opening the function for the first time, the machine needs to connect to the network to download the language pack
- Text recognition can only recognize the current system language and English letters Supported languages: Chinese, English, Korean, Japanese, Latin

#### ⑥ Brush color board

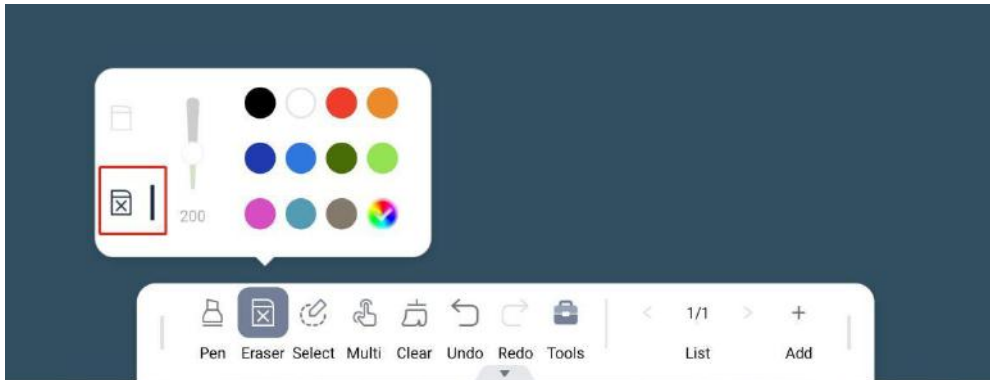
This function is used to change the pen color

In addition, the colour board supports customize colour



### 11.10.1.3 Eraser

#### 11.10.1.3.1 Eraser Function

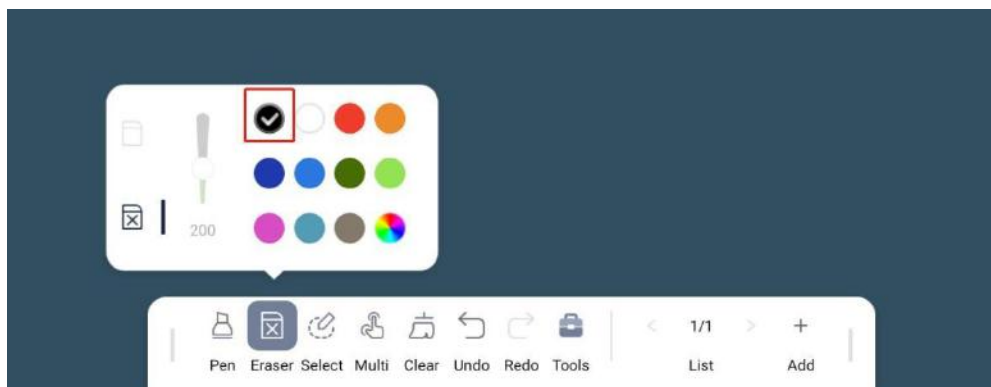


Used to erase the lines on the electronic whiteboard, when elected, function (3) (eraser size adjustment) will light up, can adjust the size of the eraser, support 100~350 units of adjustment.

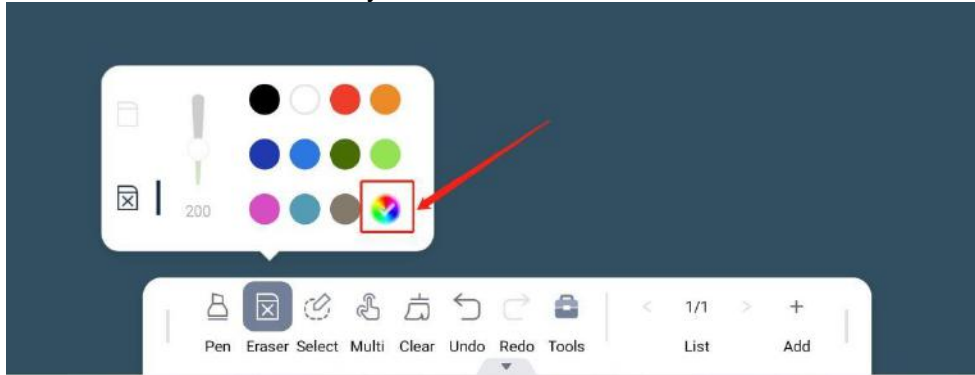
- eraser thickness adjustment, is used to adjust size of eraser.
- eraser function without color plate, all the default color of paint line can be erased.
- The eraser function can only erase drawn lines, not graphics tools, inserted pictures.

#### 11.10.1.3.2 Circle wiping function

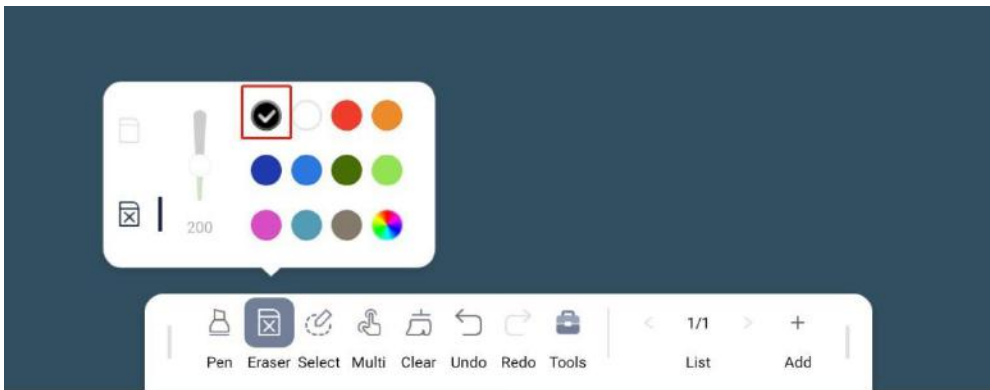
When the circle to wipe function is selected, the corresponding content can be cleared by swiping by the drawing line, picture, or shapes on the electronic whiteboard; it can also be used to circle the object, and the content will be cleared when pen released.



- Ring wipe can not use the thickness function, the default gray
- Circle erasable default selection full color system erasable



- Specific circles erase specific colors of lines, for example, if you choose black circles, when you use the circle erase function, only black lines can be erased, other colors of lines will be automatically retained.



#### 11.10.1.3.3 Hand back eraser

The requirement for calling out the eraser on the back of the hand is a minimum contact of 30mm (length andwidth). The larger the contact size, the larger the eraser will be.

#### 11.10.1.4 Select function (Circle function)

##### 11.10.1.4.1 Circle select

After the target is selected, you can move, copy, delete, rotate, or change the color of the target.



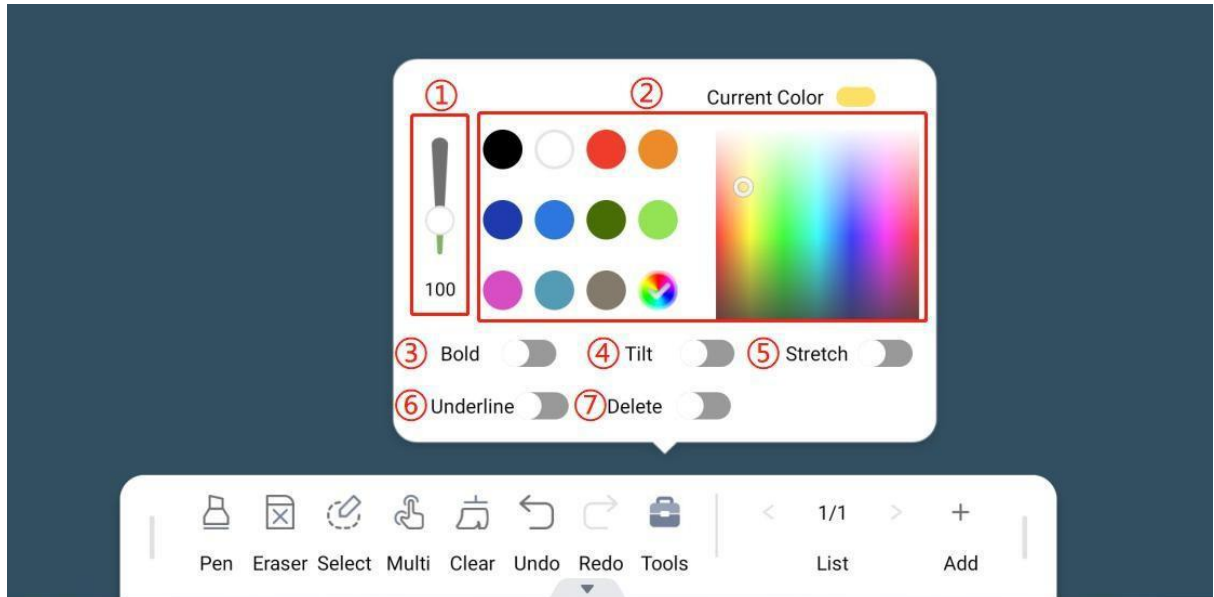
#### 11.10.1.4.2 Three-finger roaming function

Under the "Select" function, you do not need to select the target. You can directly swipe the screen with three or more fingers to drag the whole screen of the whiteboard

#### 11.10.1.4.3 Zoom function

When in the "Select" function, touch the large screen with two fingers, shrink the two fingers inward, you can zoom out, and vice versa, extend the two fingers outward, you can zoom in

## 11.10.1.5 Text tool



The text tool is used to input comp, ①-⑦ are to give various attributes to the text respectively

① Text size

Support the adjustment between 31- 129 in size, which can be used to adjust the size of the text

② Color selection

Ten colors to choose from and more to be customized

③ Bold

bolder and make text stand out

④ tilt

You can tilt the text

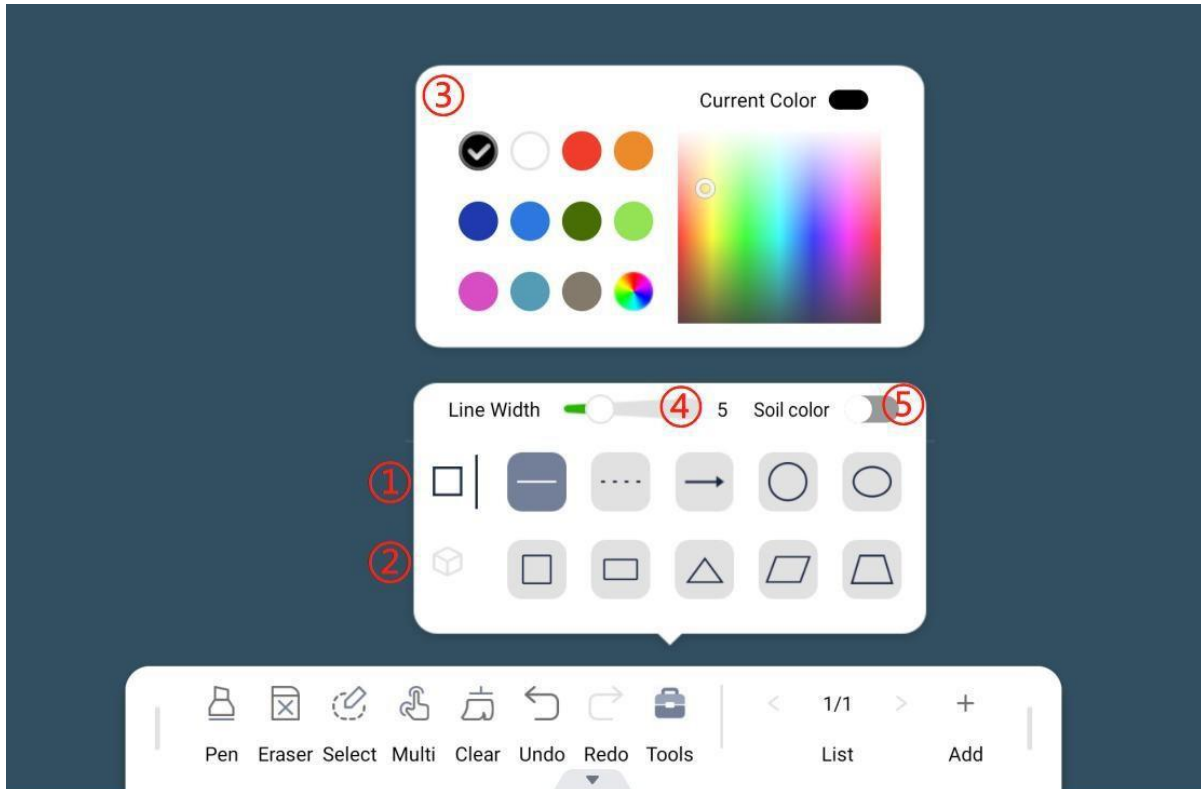
⑤ Stretch Stretch the text

⑥ underline Underline the text

⑦ Stretch

Give the text strikeout line, whether to modify more clearly

## 11.10.1.6 Shape tools



### ① 2D shape tool

After selecting a 2D shape tool, you can select the tool on the right, and touch the large screen to draw the corresponding shape.

- Can cooperate with function (3) (border size adjustment function), to adjust the size of the graphic border
- Can cooperate with function (4) (graphic color board function), to change the color of the drawing
- Can cooperate with the function (5) (color filling function), to fill color inside 2D graphics

### ② 3D shape tool

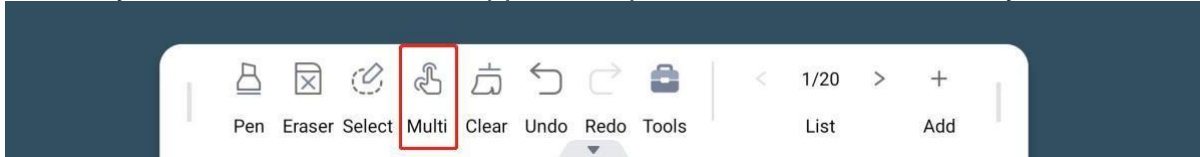
After selecting the 3D graphics tool, you can choose the following tools, and touch the large screen to draw the corresponding shapes.

- Can cooperate with function (3) (border size adjustment function), to adjust the size of the graphic border
- Can cooperate with function (4) (graphic color board function), to change the color of the drawing

### 11.10.1.7 Multi-point single-point switching

Used to switch between single-finger writing and multi-finger writing.

- Single-point state: When writing, one finger writes normally, two fingers zoom, three fingers roam, you can drag the whiteboard with three fingers
- Multi-point state: each finger is writing, X/F series touch frame supports up to 20 points to write simultaneously, E series touch frame supports 40 points touch simultaneously.



### 11.10.1.8 Clear Screen

Clear all content on the current page, including lines, shapes, images, text, tables, mind maps, and math tools.



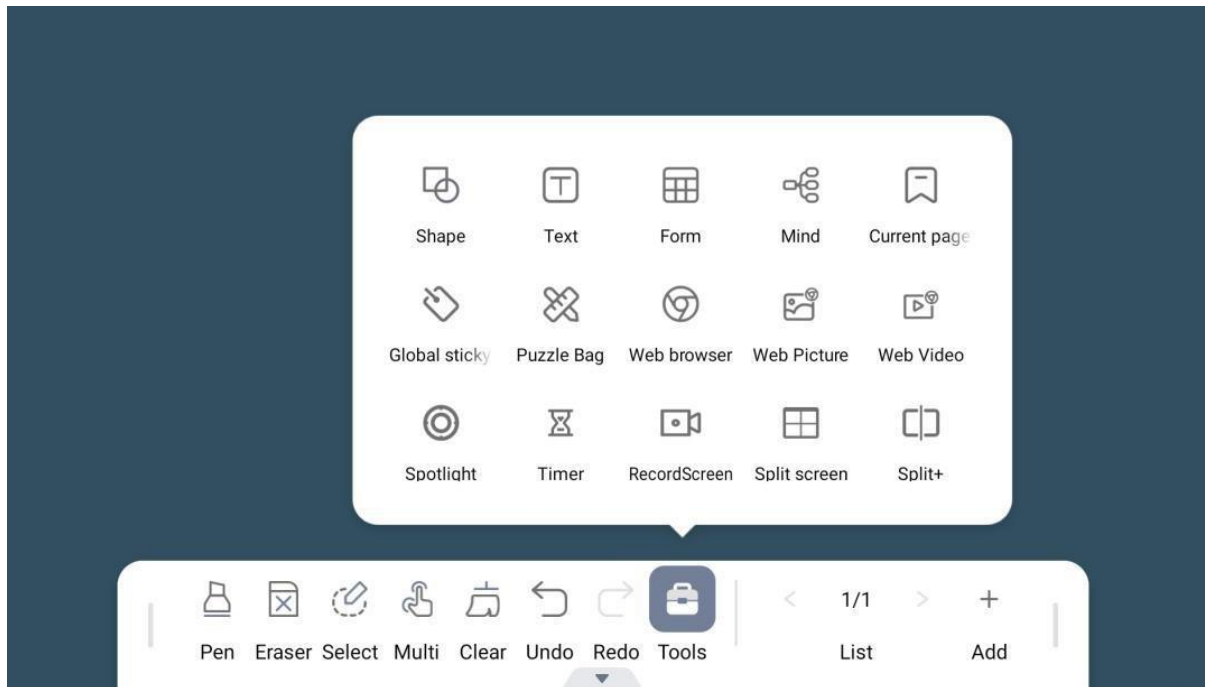
- You can roll back the clearing operation by undo.

### 11.10.1.9 Undo, Redo

- Undo the last action.
- Redoing the last operation, equals to canceling the undo.



## 11.10.1.10 White Board Tools



### A. Toolbox - All tools

All the tools are stored here, including educational tools, conference tools, and other tools.

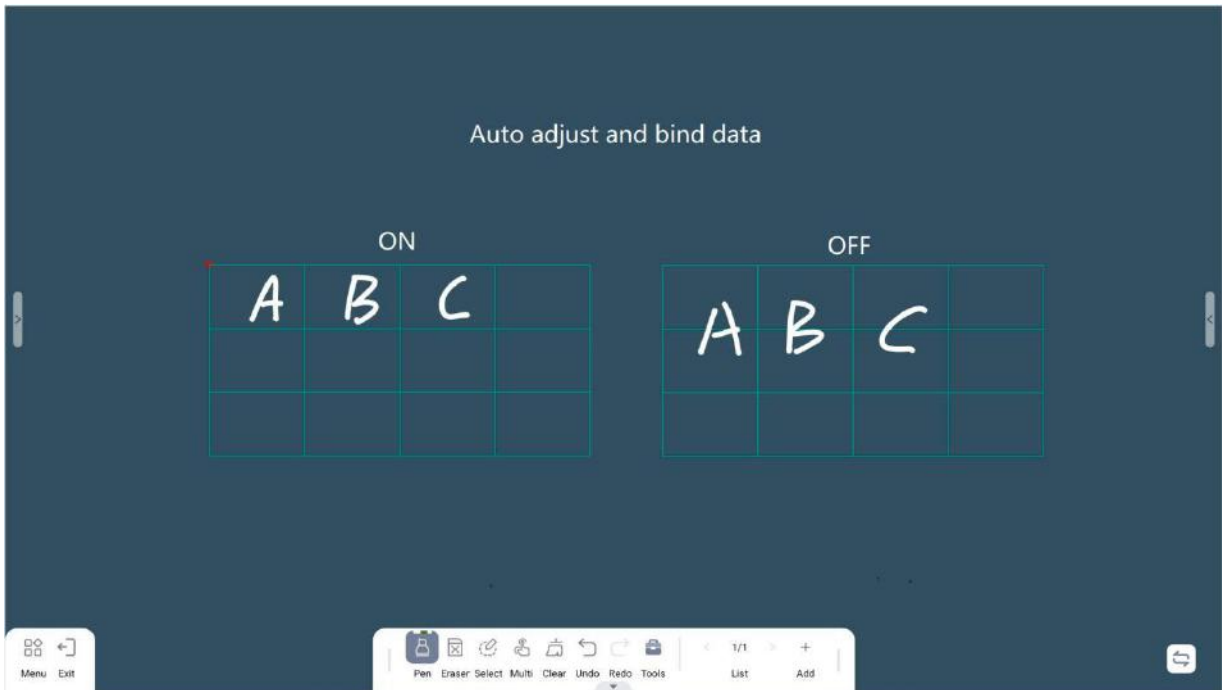
### B. Toolbox - Conference tools

Put together a list of tools you use frequently in meetings.

### C. Toolbox - Educational tools

Group together the tools you use frequently in class.





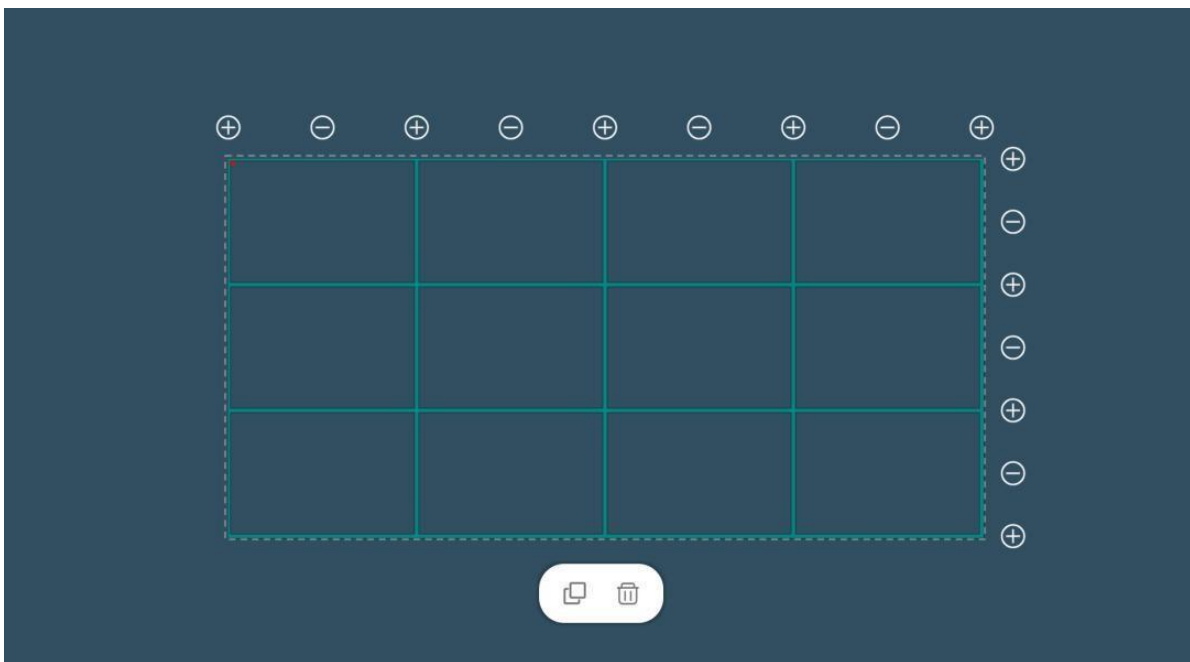
### 11.10.1.11Tools-Form

**A. Row**

Decides how many rows the table has, the range is 1-10, the default is 3

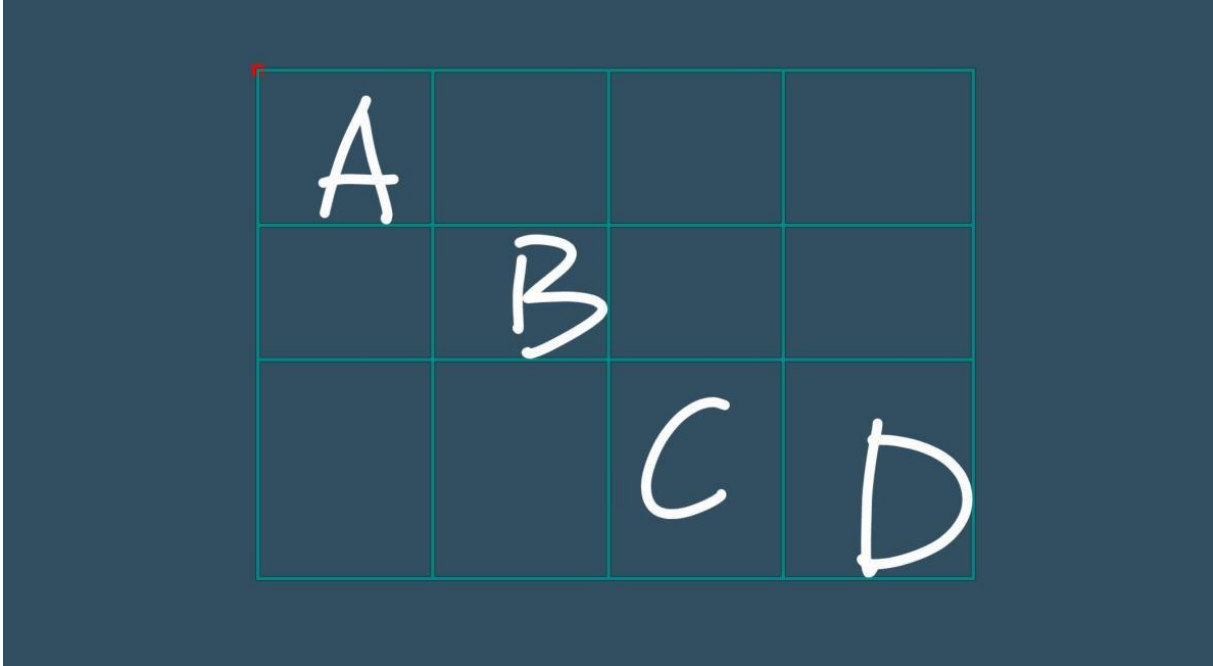
**B. Column**

Decides how many columns the table has. The range is 1-10, and the default is 4



### C. C. Binding data

- Automatically bind data: Lines written in the table will be automatically bound to the table after release



A			
	B		
		C	D

(Tables that automatically bind data)

- No binding: Written text is not bound to the table.



A	B	C	

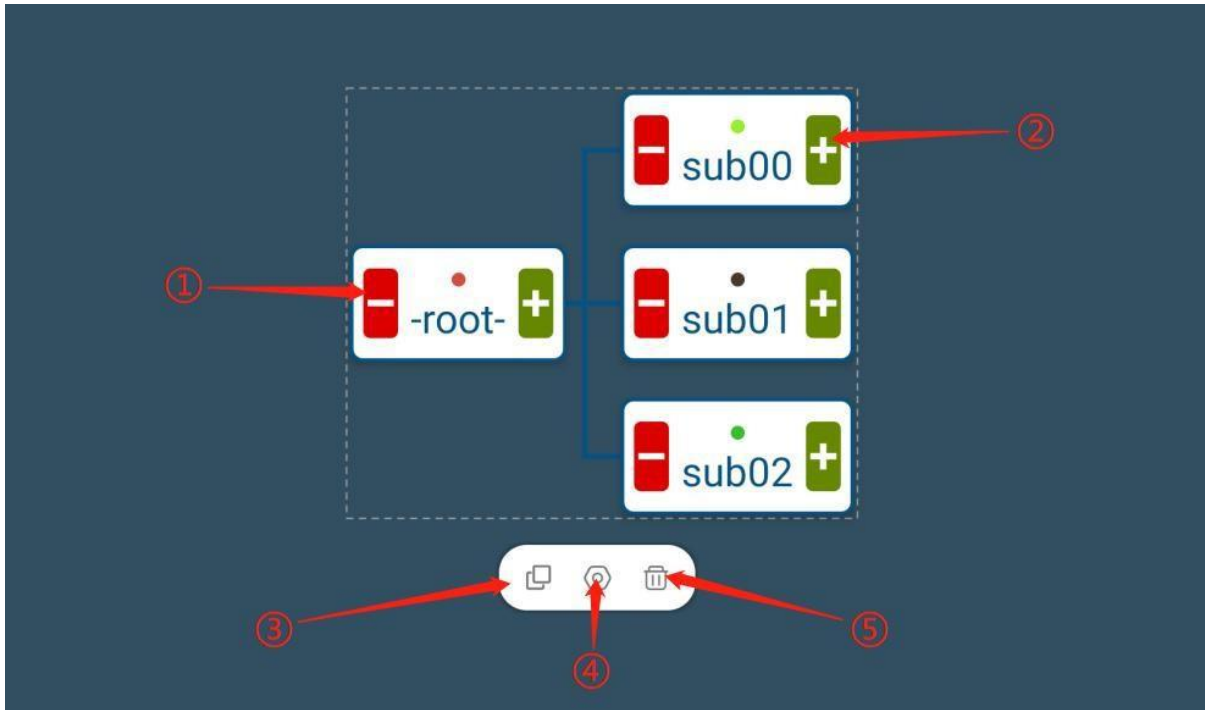
(A table with no data bound)

- Difference: The table that automatically binds data is opened with a red arrow in the upper right corner of the table for distinction.



A	B
---	---

### 11.10.1.12 Tools-Mind map

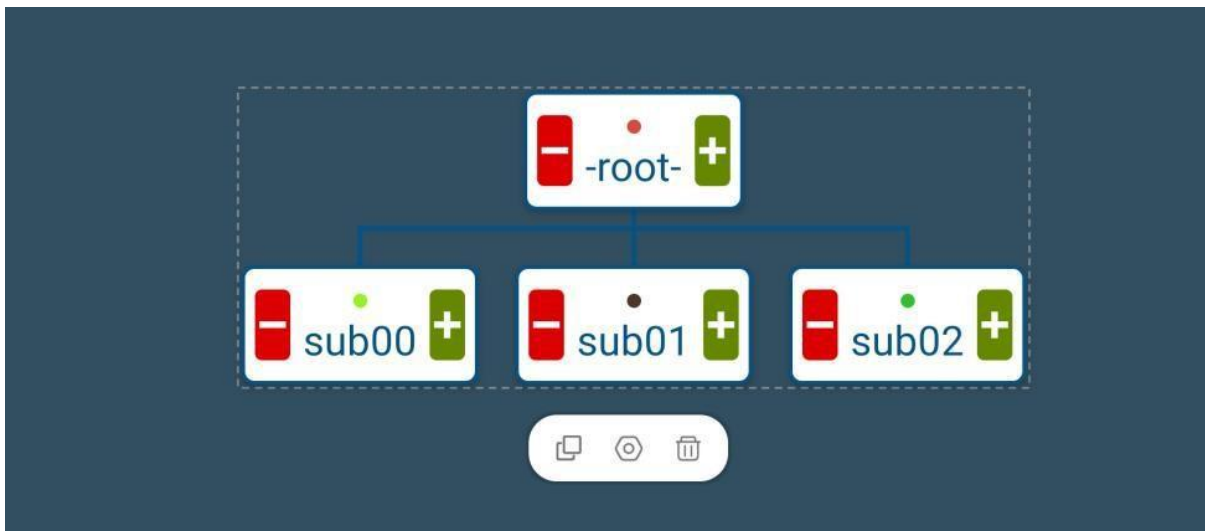


Click the mind map function below to generate a mind map, and long press the ① and ② buttons in the above picture to appear

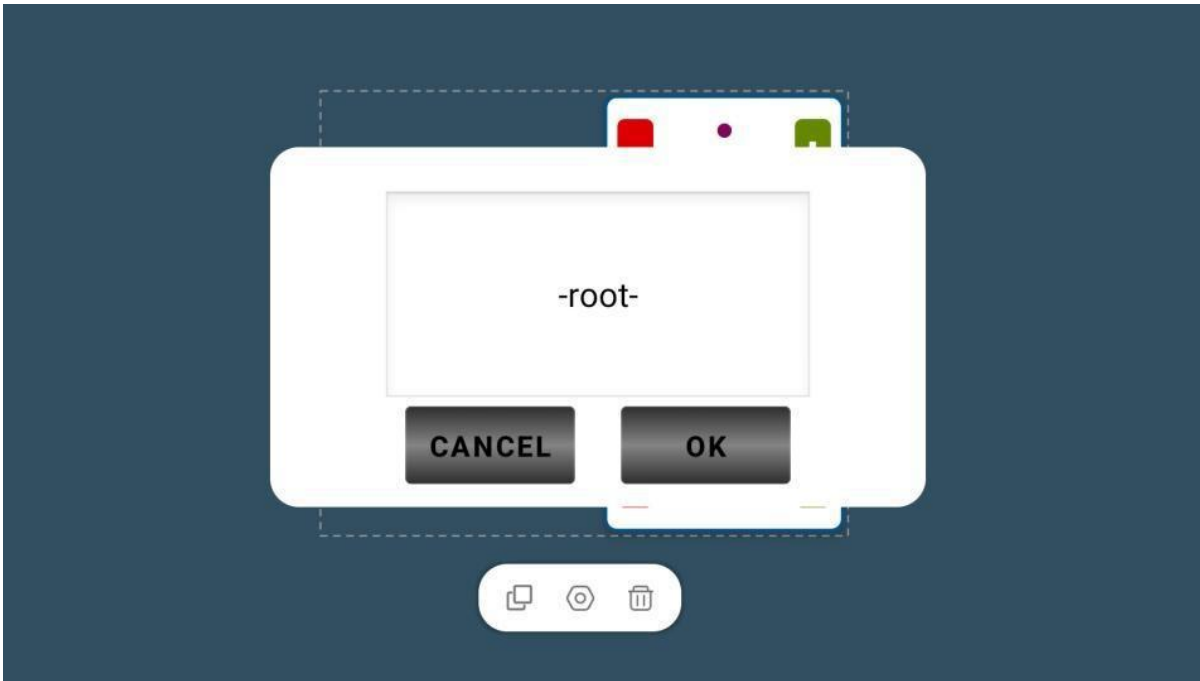
① The button means to delete the node and its child nodes

② The button means to add a child node

In this state, click the ③ position to change the layout, as follows

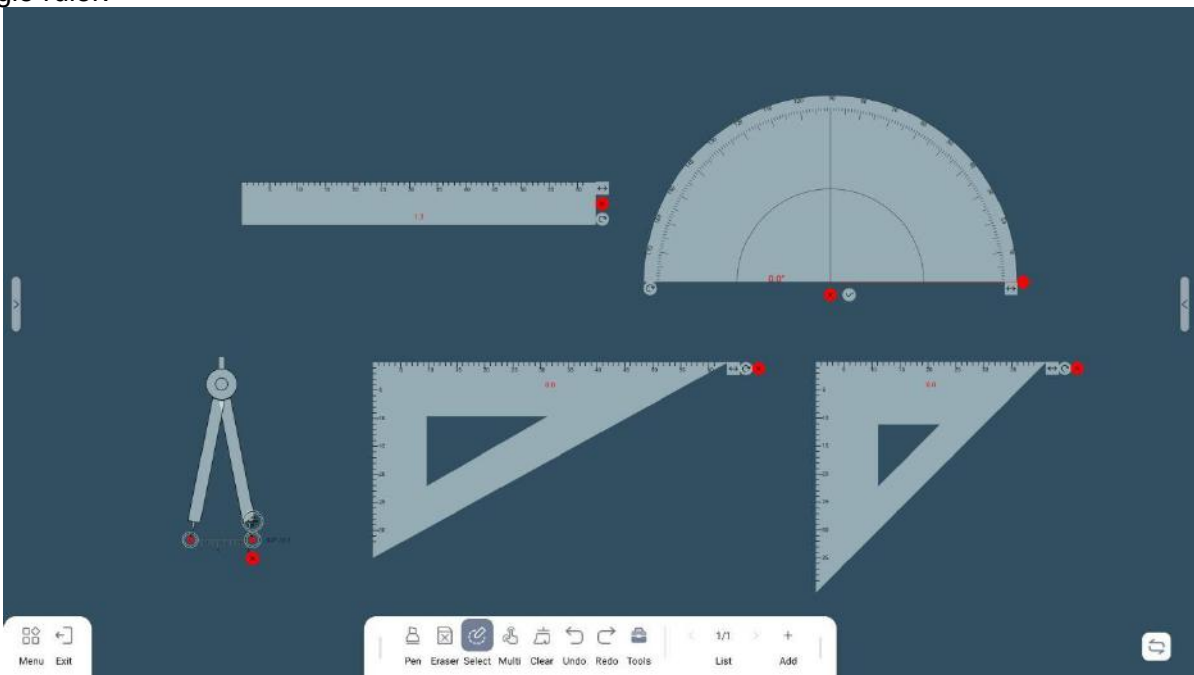


Double-click a node to edit the text, as follows



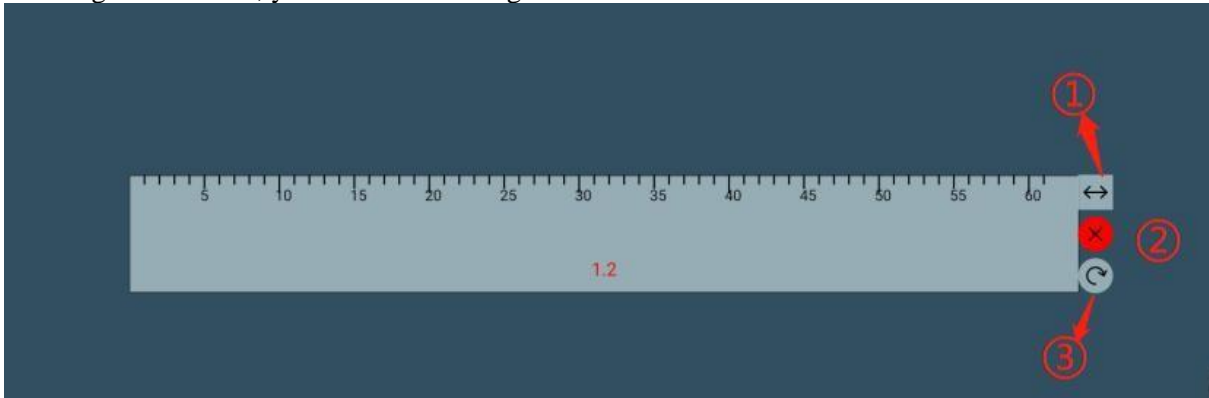
### 11.10.1.13 Tools-Math tools

The white board has five kinds of mathematical tools, including straight ruler, Angle ruler, compass, 45°triangle ruler and 60°triangle ruler.



## A. Ruler

Draw at the scale edge of the ruler, you can draw a straight line

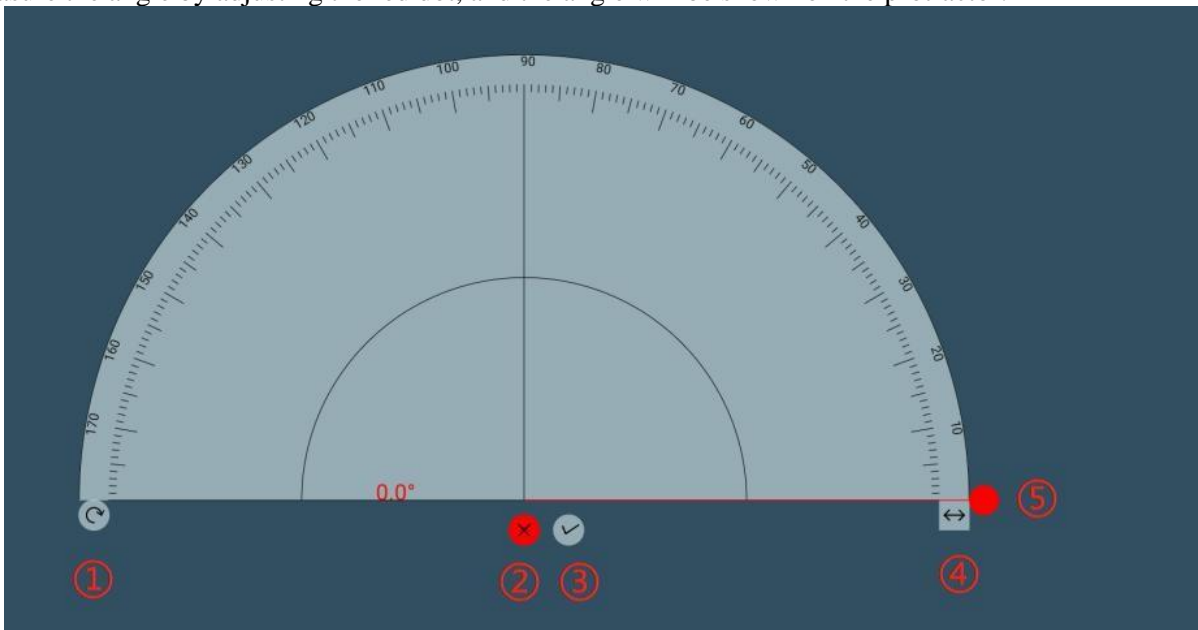


Features:

- ① Change the length of ruler
- ② Remove ruler
- ③ Rotate

## 1. Protractor

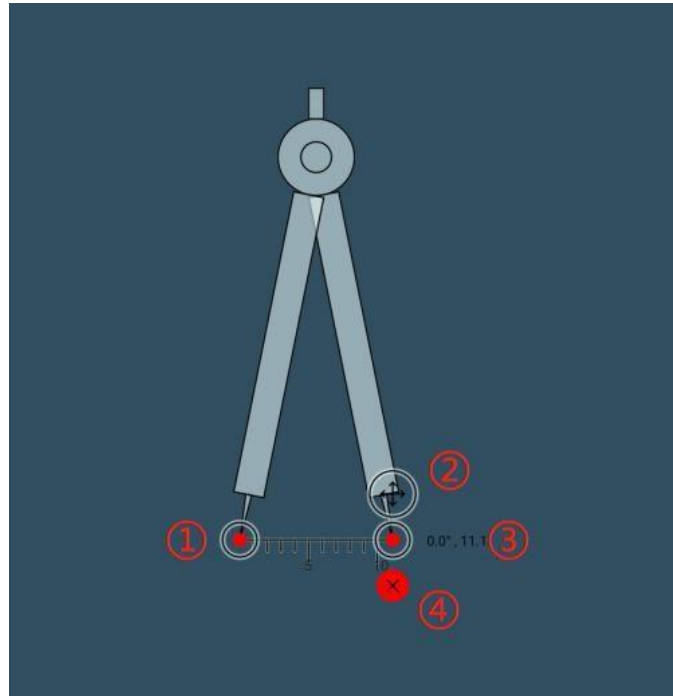
You can measure the angle by adjusting the red dot, and the angle will be shown on the protractor.



Features:

- ① Rotate
- ② Remove the angle ruler tool
- ③ Draw an angle
- ④ Enlarge
- ⑤ Adjust the angle

## 2. Compass

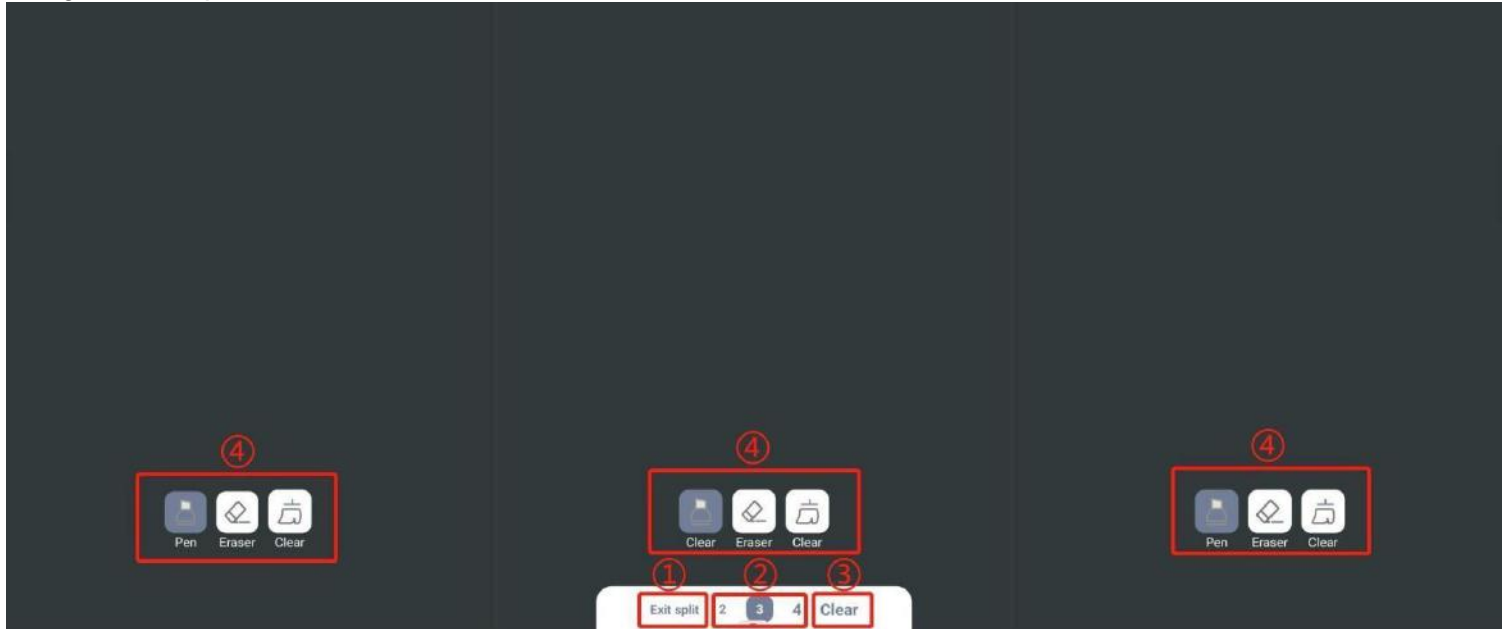


### Features:

- ① Fix a point and draw a circle around the point
- ② Adjust radius, rotate
- ③ Move the point to draw a circle, and the displayed figures are the angle and radius
- ④ Remove compass tool

### 11.10.1.14 Tools-Split

The difference between split screen and split screen + is that the compact split screen supports 2 to 4 split screens, while split screen + supports only 2 split screens. In addition, the split screen can only use the simplest features Split: Support simple writing, erasing and screen clearing. The operations between split screens are independent. You can change the number of split screens and set the default number of split screens in real time, and clear data after exiting the thin split screen.

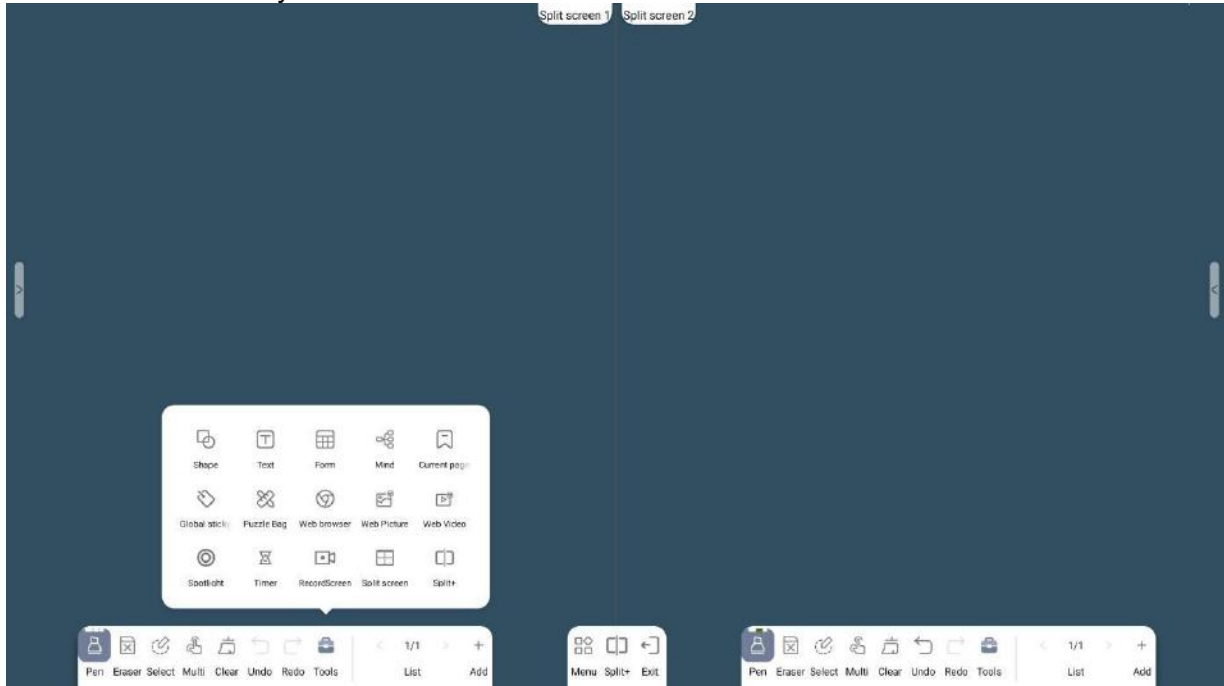


- ① Exits the simplified split screen
- ② Change the number of split screens. A maximum of 2 to 4 split screens can be changed
- ③ Clear screen: After clicking, all split screen lines will be cleared
- ④ Each screen has the tools of brush, eraser, clean screen (single screen).



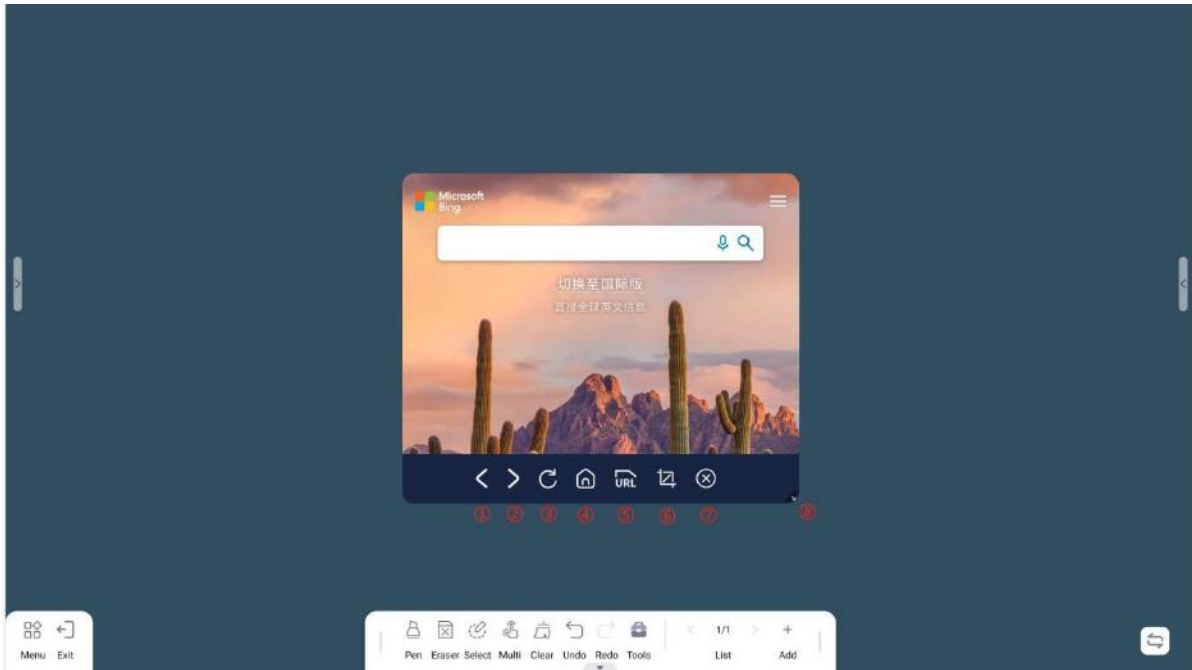
### 11.10.1.15 Tools-Split+

Full-featured split-screen function, when the screen is split, it supports independent operation of the whiteboards on both sides. When one side uses functions such as whiteboard, clear screen, recall, or restore, the other side of the whiteboard is not affected by the function.



How to exit the split screen + function: when you click the split screen + function again, you can exit the split screen + function

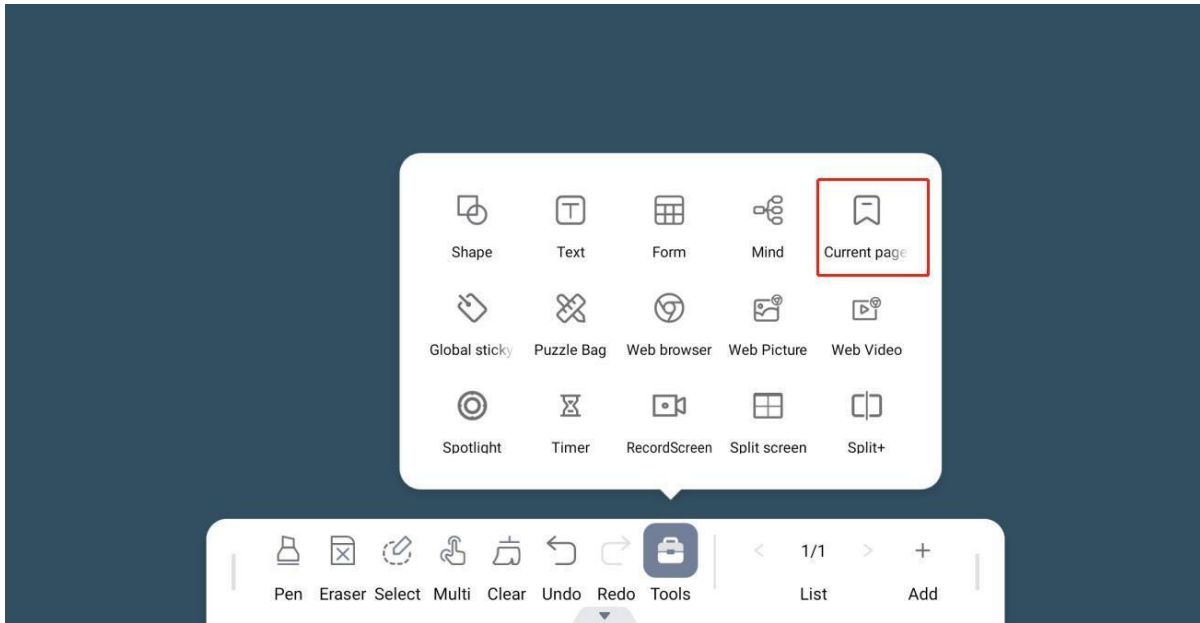
## 11.10.1.16 Tools-Micro-web browsers



- ① Back
- ② Forward
- ③ Refresh
- ④ Return to the browser homepage
- ⑤ Display URL
- ⑥ Screenshot and import to the whiteboard
- ⑦ Close minibrowser

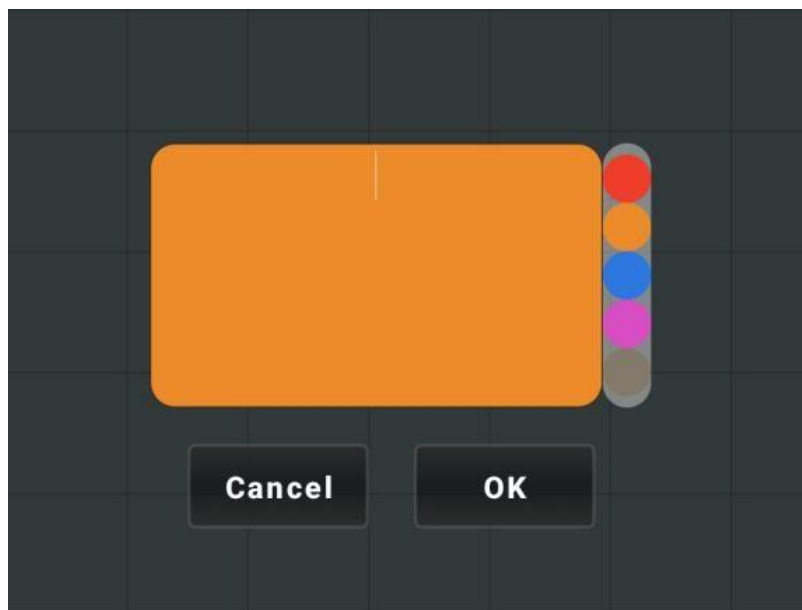
### 11.10.1.17 Tools-Current page note

Note on the current page indicates the content to be told on the current whiteboard page. This note is displayed only on the current whiteboard page. When the screen clearing function is used, this note will also be cleared.



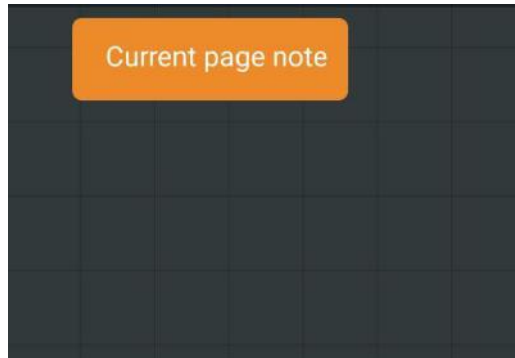
How to use:

- Create a note on the current page, select the color of the note, and enter text.



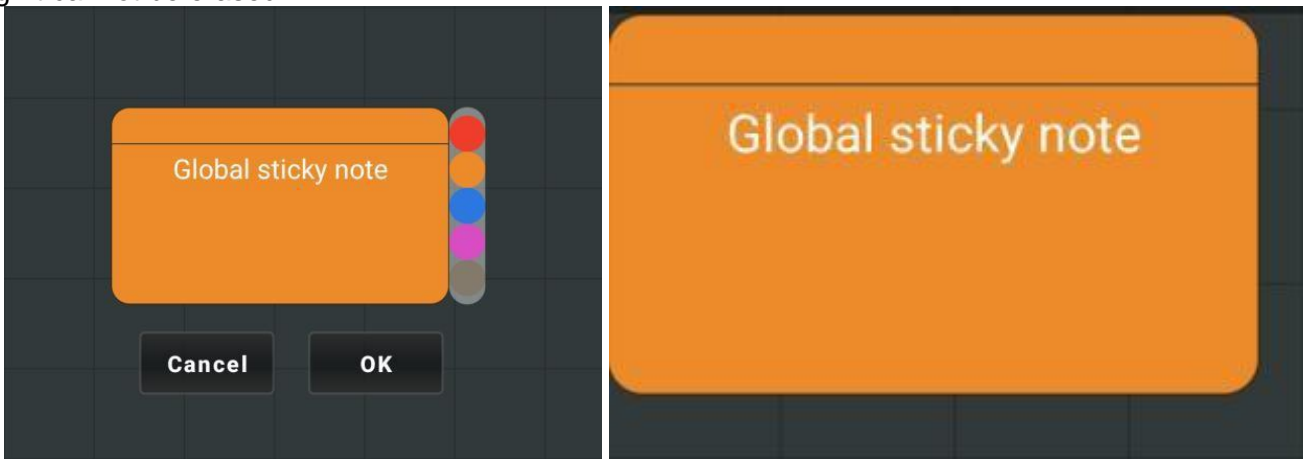


- Note after shrinking



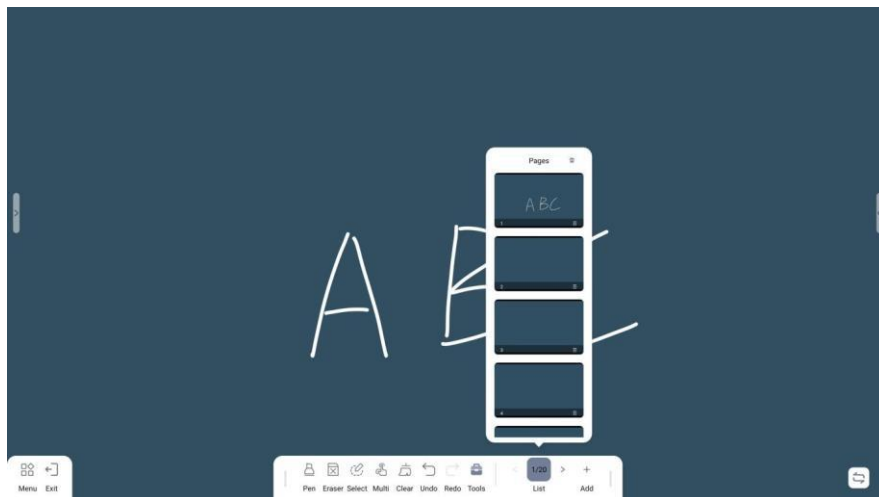
#### 11.10.1.18 Tools-Global sticky note

The global note can be displayed on all whiteboard pages. It is a small tool used to explain the topic of the meeting or teaching. It cannot be erased.



#### 11.10.1.19 Whiteboard page management

- Press the left arrow < to switch to the previous whiteboard page of the current whiteboard page
- Press the right arrow > to switch to the next whiteboard page on the current whiteboard page
- This function is available only when the whiteboard contains at least two pages
- Press the up arrow ^ to open a list of all whiteboards



### 11.10.1.20 Add whiteboard page

Click to add a whiteboard page. By default, the new whiteboard page has no content.

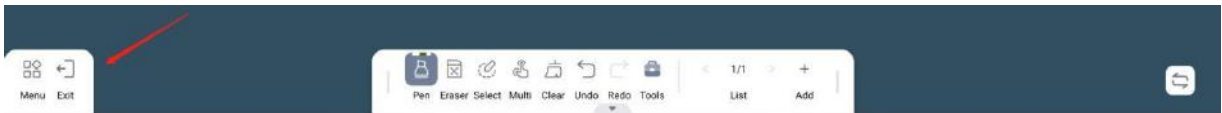


### 11.10.1.21 Side Menu

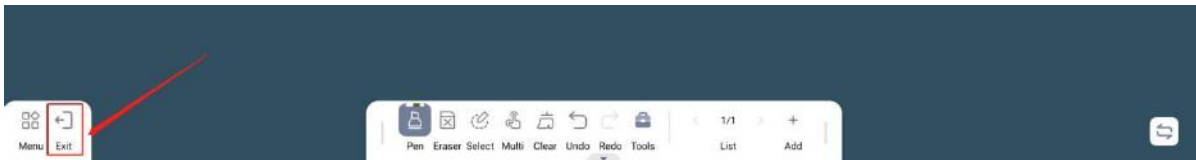
#### A. Side menu features swap buttons

After pressing the button, the position of the menu on the left side of the whiteboard will be switched to the right side of the large screen

- Before:



- After:



### 11.10.1.22 Exit the whiteboard

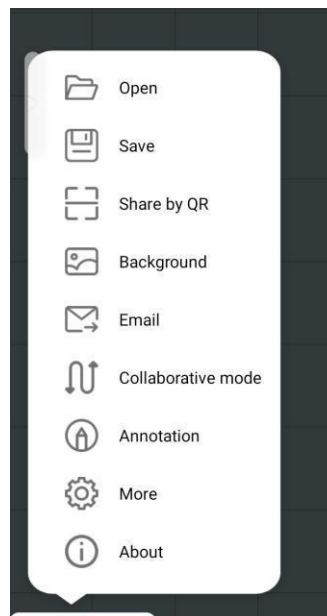
To exit the whiteboard, a dialog box will be displayed to choose whether to save the file or cancel the exit



- Cancel: Cancels the whiteboard exit
- No: exits the whiteboard without saving the whiteboard content
- Yes: Exits the whiteboard and saves the whiteboard content

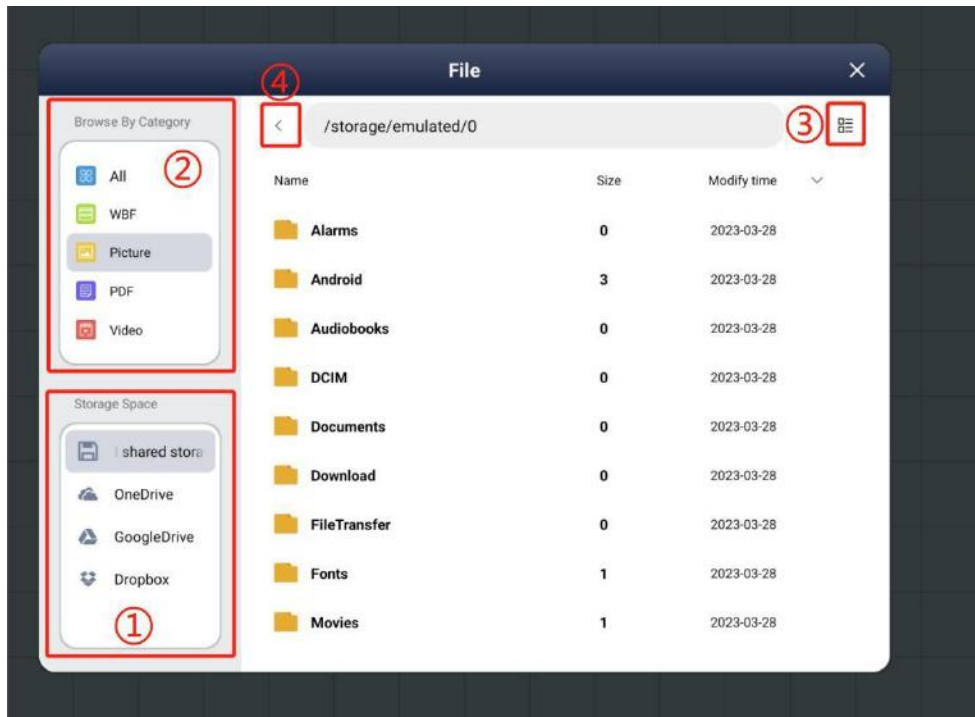
#### 11.10.1.23 Sidetool - Menu

The whiteboard menu is used to store the whiteboard functions that are not frequently used.



#### 11.10.1.24 Whiteboard side menu - Open file

Open the files or import them into whiteboard.

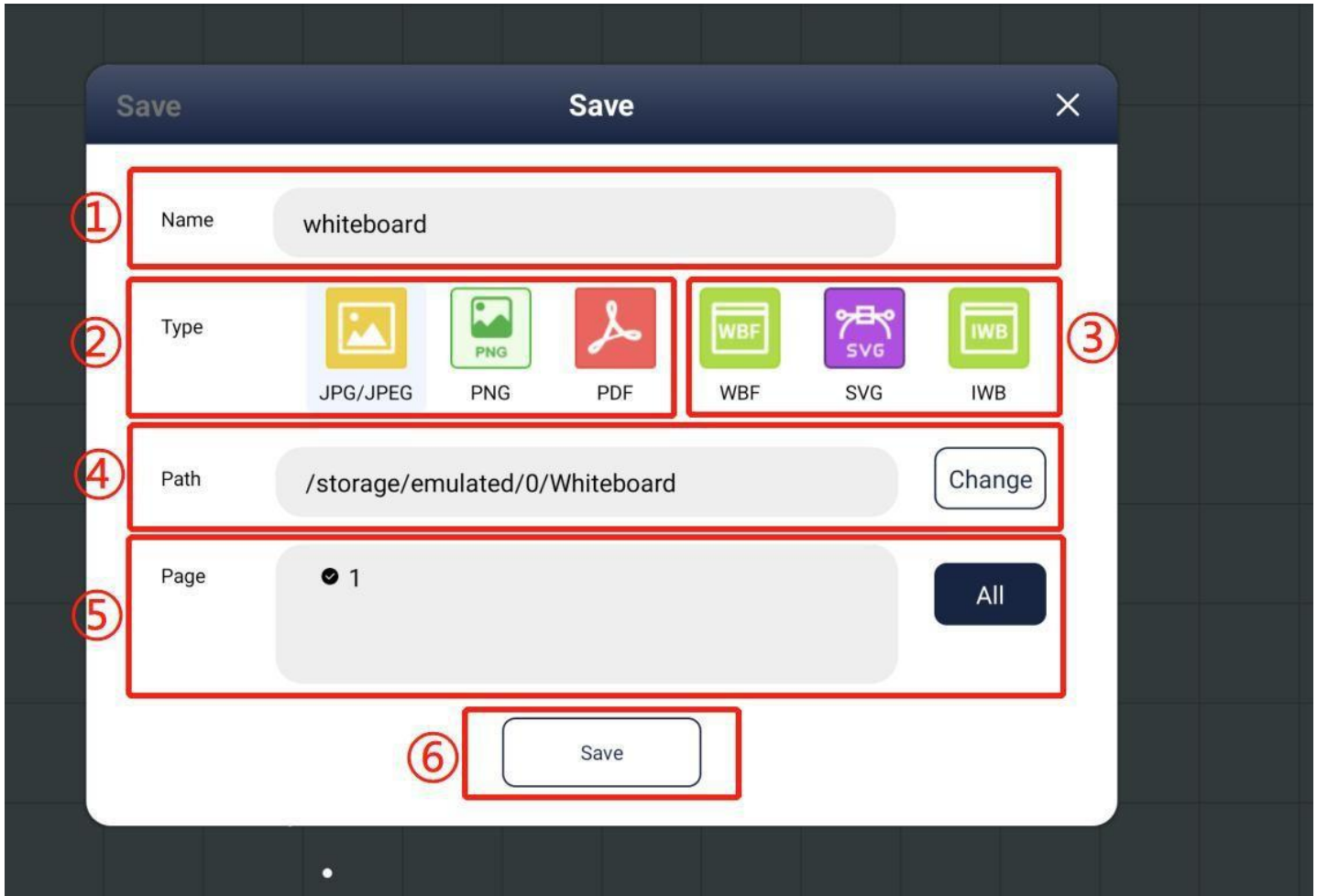


- ① source files: built-in storage space, OneDrive, GoogleDrive, dropbox, U disk;
- ② the classification of all, any WBF, pictures, PDF, and video
- ③ display format: switch to a list or grid display
- ④ returns the file directory at the next higher level



### 11.10.1.25 Whiteboard side menu - Save

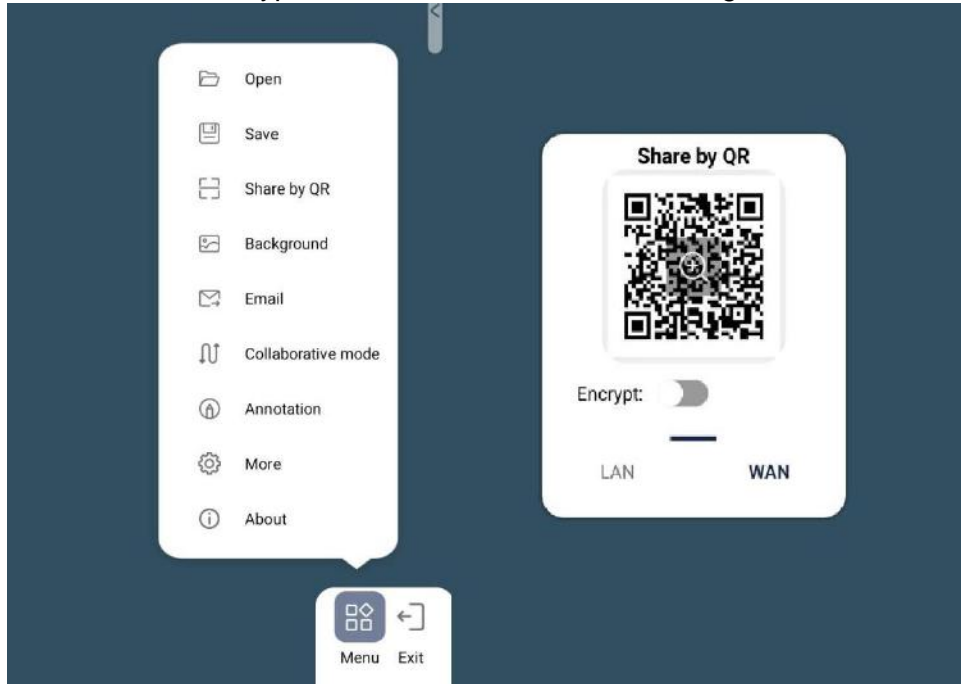
Save the contents of the current whiteboard to a file location.



- ① User-defined names are supported
- ② Supported image formats:
  - JPG\JPEG:  
Support high compression rate, download speed
  - PNG:  
Small size, lossless compression
  - PDF:  
Use document format retention, not easy to be arbitrarily modified
- ③ The supported data format file (WBF, SVG, and IWB) is used to save the original data. After you save the file and open it again, you can edit the whiteboard.
- ④ Save path: built-in storage, U disk, web disk
- ⑤ Customize the whiteboard page to save the whiteboard. You can select the whiteboard page to save the whiteboard content.
- ⑥ Save

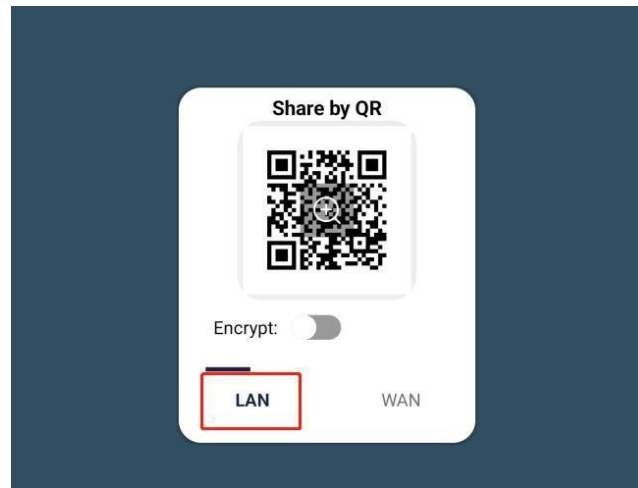
### 11.10.1.26 Whiteboard side menu - Scan code to share files

You can share the whiteboard page on an external device (such as a mobile phone or tablet) over the network. There are three ways of sharing, LAN sharing, WAN sharing and Bluetooth sharing. At the same time, in order to keep confidentiality, you can also choose to encrypt whiteboard content when sharing.



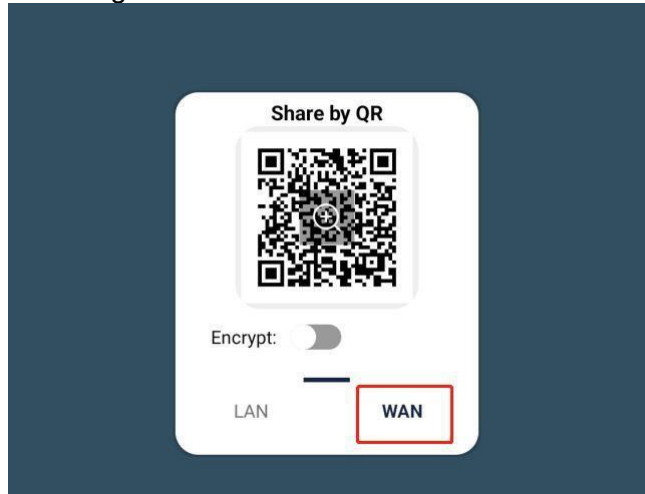
#### A. LAN sharing

The contents of the whiteboard can be obtained only when the mobile phone and the large screen are in the same LAN and the QR code of the large screen can be scanned by the mobile phone.



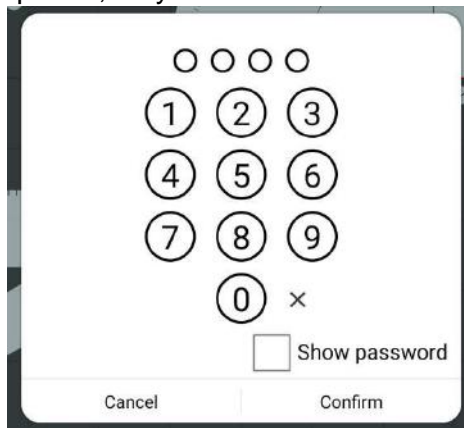
## B. WAN sharing

In WAN sharing, the mobile phone and the large screen do not need to be in the same LAN. The mobilephone can scan the two-dimensional code on the large screen to obtain the content on the large screen.



## C. Encrypted sharing

When this option is enabled, a password box will popping-up for setting password. When someone scans theQR code on the large screen using a mobile phone, they need to enter the same password to access the whiteboard page.

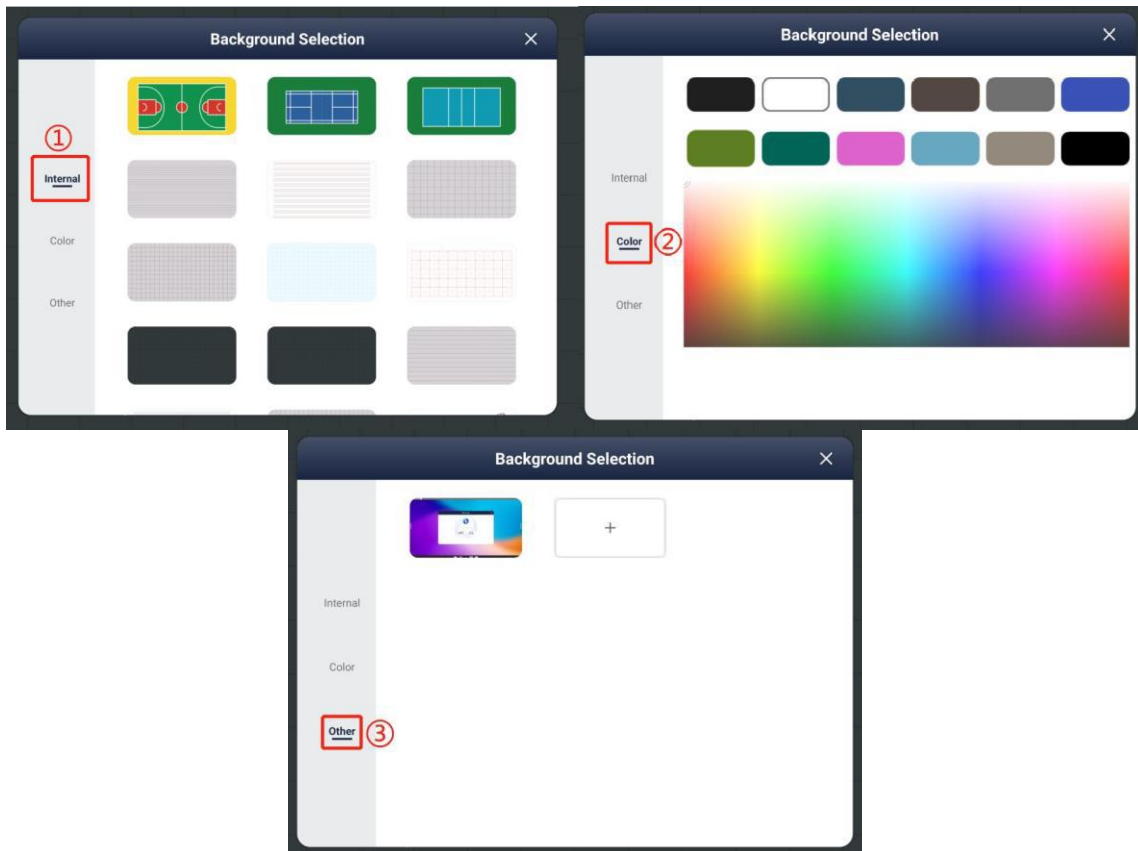


## D. Enlarge the code

Press + to enlarge the code.



### 11.10.1.27 Whiteboard side menu - Replace background



- A. Background: 15 conferences and teaching backgrounds are built in.
- B. Color backgrounds: You can set the solid color background, support the custom color plate for your choice.
- C. Other backgrounds: Images can be imported from the machine's storage space, external USB flash drive, or web disk as the background.

## 11.10.1.28 Whiteboard Side menu - Send mail

The screenshot shows an 'Email' dialog box with the following elements:

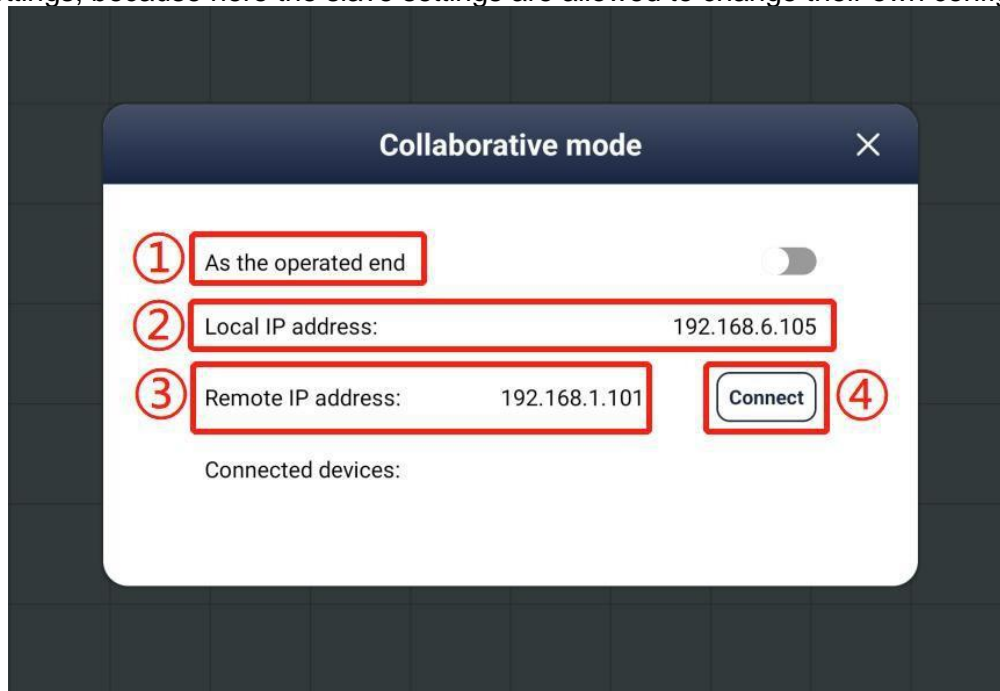
- 1**: From field
- 2**: Nickname field
- 3**: Authorization field with a help icon (?)
- 4**: Gear icon (top right)
- 4**: Document icon (top right)
- 5**: List icon (top right)
- 6**: To field
- 4**: Document icon (middle right)
- 5**: List icon (middle right)
- 7**: Subject field with text 'Whiteboard record'
- 8**: Content field with text 'Written content from the Whiteboard.'
- 9**: Attach field with file 'file-2023-03-28.pdf'
- 10**: Confirm button

- ① The sender's email account
- ② Sender's Nickname
- ③ Authorization password of the sender
- ④ Save sender\recipient account information
- ⑤ Select sender\recipient account
- ⑥ Select other servers and ports (optional)
- ⑦ Recipient's email account
- ⑧ Edit email subject
- ⑨ Edit email content
- ⑩ Send email

### 11.10.1.29 Whiteboard Side menu-Collaborative mode

Within the same LAN, one device (master) can control another device (slave) to synchronize the contents of the whiteboard to the (slave) device, or control the (slave) device to remove the drawing lines from the whiteboard. There are three main functions:

- Writing: The touch data written by the master device is transmitted to the slave device in real time, and the slave device operates according to its current writing configuration. After manual synchronization, you can write the same content.
- Clear screen: The master device controls the slave device to clear the screen, but the master device does not clear the screen.
- Manual synchronization: synchronize the writing configuration (size, color and input mode) of the master device to the slave settings, because here the slave settings are allowed to change their own configuration.

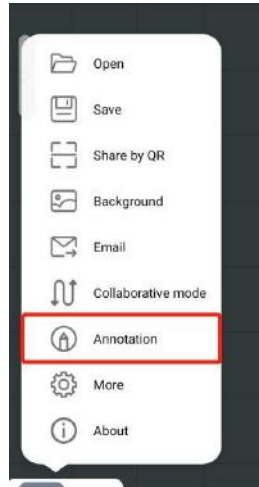


- ① As the operated end: After opening, connect with other MFPs, the drawing line of the other party will be synchronized to this device.
- ② Local IP address: display the network IP address of this device;
- ③ Remote IP address:
- ④ Connection

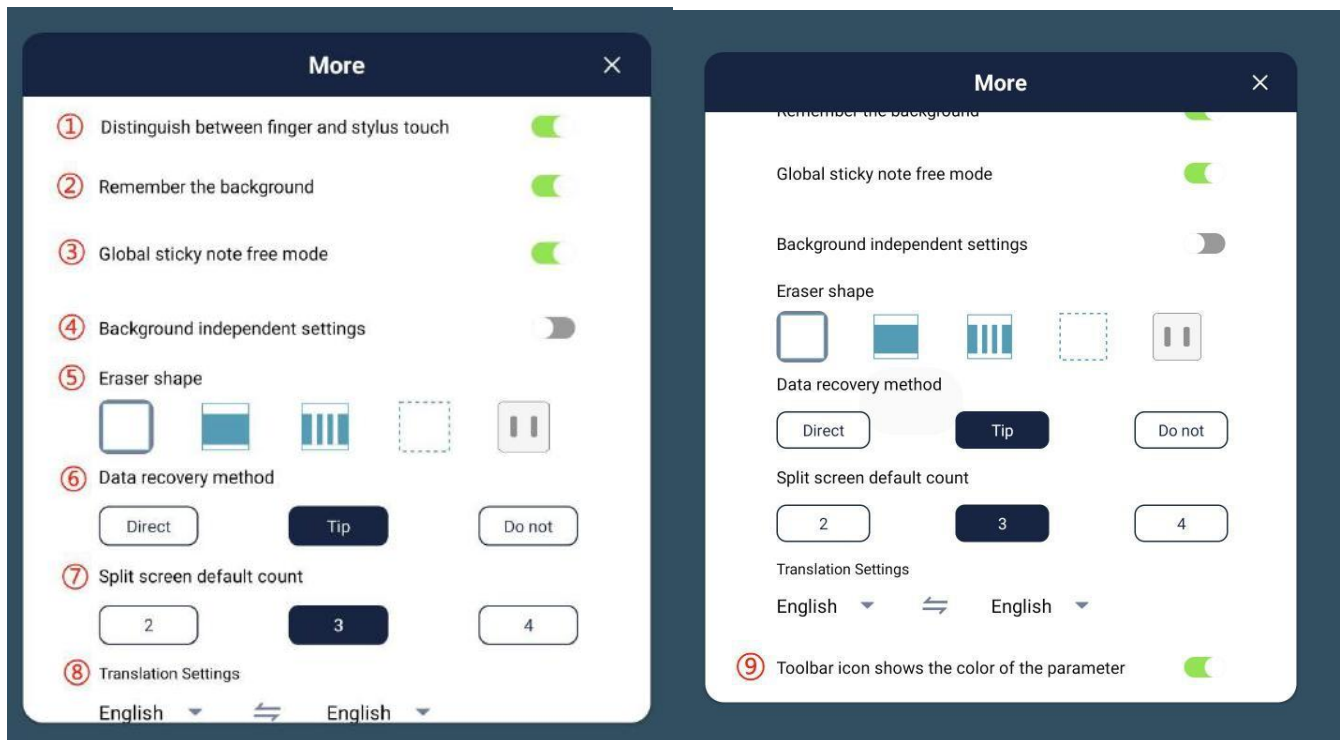
How to connect:

- First set device A and device B in the same LAN
- Device A is in the 'As Operated Side' is on state, let Device A be the slave device.
- Device B in 'as the operated end' is off, leaving device B as the master device.
- Enter the 'remote IP address' of device B into the IP address of device A
- Click the connect button of device B
- When the connection is successful, the bottom of the page will show Connected Device:XXXXX (Device Aname)

### 11.10.1.30 Whiteboard Side Menu - Annotation Quick access to the annotation .



### 11.10.1.31 Whiteboard Side Menu - More Settings Some of the preferences provided to users.

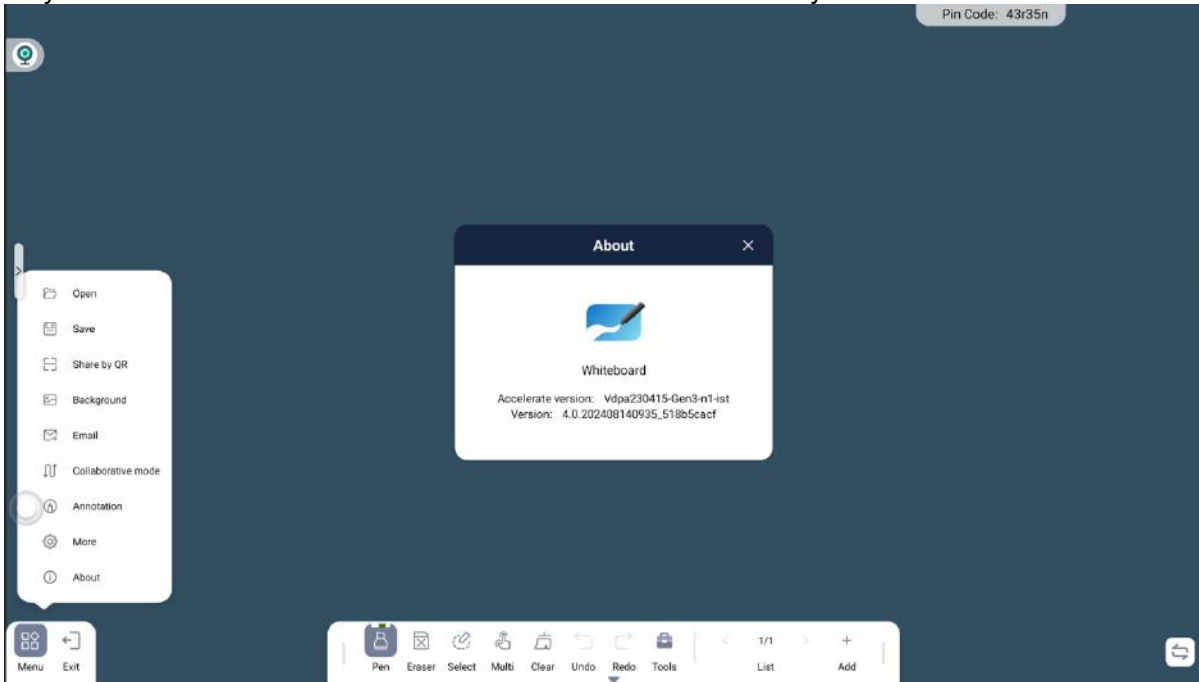


- ① Hand and pen recognition: Whether to distinguish the finger and pen parameters when writing according to the different contact area with the screen.
- ② Remember background: whether to remember the last set background, also effective after shutdown.
- ③ Global sticky note free move mode: you can drag the global sticky note on the big screen at will after opening.
- ④ Board eraser shape: you can choose different board eraser patterns.

- ⑤ Data recovery mode: detect data with data presence, the way to recover.
- ⑥ Default number of split screens: the default number of split screens when entering the streamlined splitscreen, you can set 2, 3, 4.
- ⑧ Translate setting
- ⑨ Toolbar icon shows the color of the parameter.

### 11.10.1.32 Whiteboard Side Menu-About

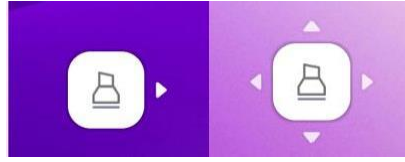
Here you can check the version number of the acceleration library and the version number of the whiteboard.



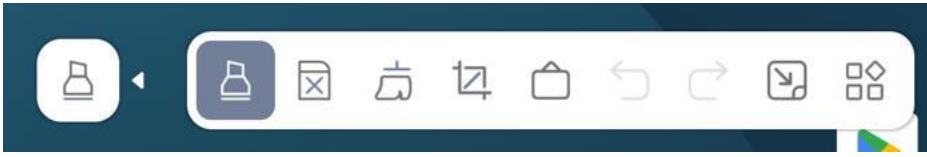


## 11.10.2 Annotation

Access to the annotation function



- ① Not moving
- ② Moving
- ③ Expand the annotation box



### 11.10.2.1 Annotation pen



#### ① Adaptive thickness pen function

The self-adaptive thickness pen function has recognition of three types: SS (super fine pen), S (fine pen), and F (thick pen), which is distinguished by the size of the pen used to touch.

Although it is an adaptive pen thickness, this function is defined as three different types of electronic pens. Each pen can adjust the pen settings, line thickness and line color independently according to personal preferences. When different people use different pen thicknesses When writing with a special pen, the electronic whiteboard can accurately distinguish the drawn lines.

#### **Remark:**

The function of the adaptive thickness pen is dependent on the touch frame, and the touch frame needs to support this function

Ultra-fine pen: 2.8mm

Fine pen: 6.5mm

Thick pen: 10mm

#### ② Brush function

The paintbrush supports 3 kinds of pen shapes, from top to bottom are fountain pen, brush, and whiteboard pen. It draws materials from reality, selects 3 kinds of pens commonly used in life, and imitates the pen marks written by pens.

Fountain pen: Smooth drawing lines, tough pen marks, sharp edges when detached  
Brush pen: The lines are round and smooth, art style writing

Whiteboard pen: draw lines without any effects, has the fastest writing speed

③ Pen thickness adjustment

The size of the pen mark can be adjusted.

④ Shape recognition

After this function is turned on, shapes can be automatically recognized according to the shape of the drawn line, and this function can recognize the shapes drawn by multiple users at the same time.

**Remark:**

Delete: The shapes identified by drawing lines can only be erased by using the selection or clear screen, and the eraser cannot erase this shape  
Supported shapes: triangle, rectangle, trapezoid, circle, ellipse

⑤ Text recognition

After the function is turned on, the language pack can be automatically downloaded through the default language of the system. After the whiteboard recognizes the font shape of the line drawn on the large screen, it will automatically convert it into text.

**Remark:**

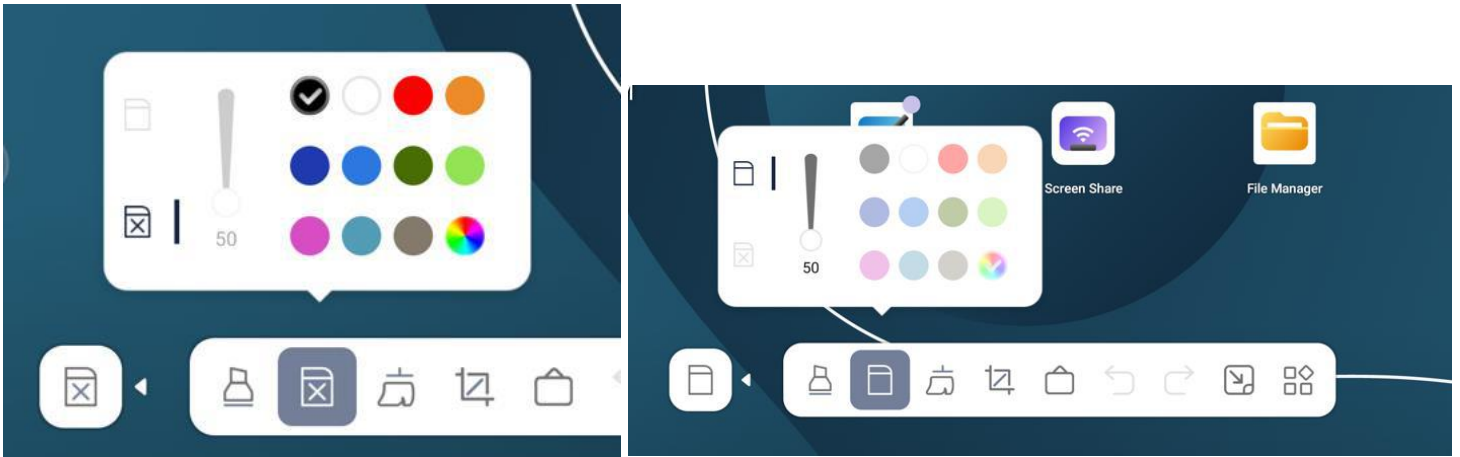
After opening the function for the first time, the machine needs to connect to the network to download the language pack

Text recognition can only recognize the current system language and English letters  
Supported languages: Chinese, English, Korean, Japanese, Latin

⑥ Brush color board

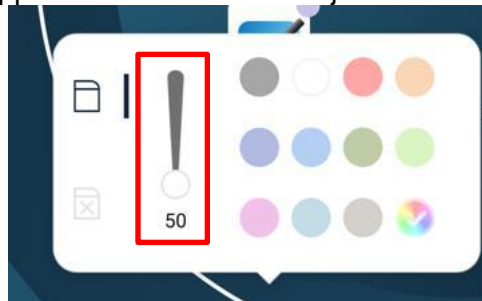
This function is used to change the pen color

## 11.10.2.2 Erase the annotation



### 11.10.2.2.1 Eraser

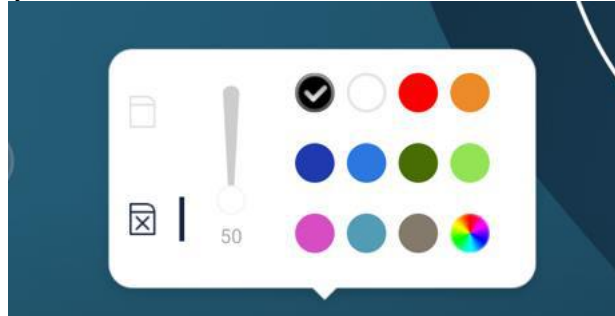
Used to erase the drawing line on the whiteboard, when selected, function ③(eraser size adjustment) will light up, you can adjust the size of the eraser, support 100~350 units of adjustment.



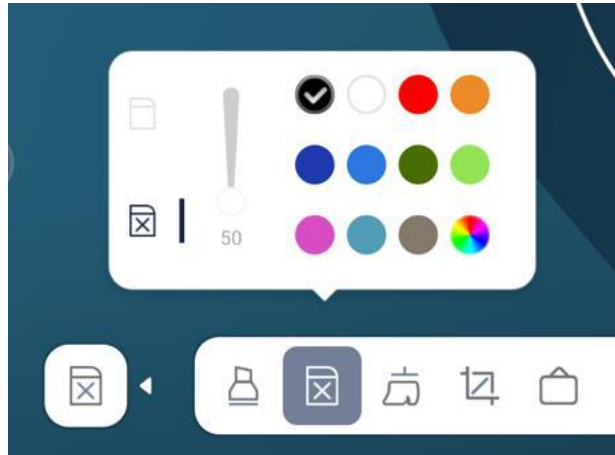
- Eraser thickness adjustment, Used to adjust the size of the eraser.
- Eraser function has no color palette, by default all colors of the drawing line can be erased.

#### 11.10.2.2.2 Circle Eraser

When the circle erase function is selected, the corresponding content can be cleared by touching the drawingline on the whiteboard; or by circling the object with the circle erase function, the content can be cleared as well.



- Circle eraser is not available with the coarse and fine function, the default is set to gray
- Circle eraser default select full color can be erased



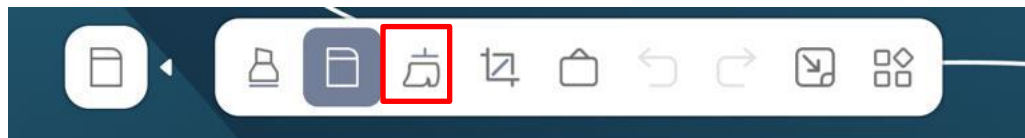
- Specific circles erase specific colors of lines, for example, if you choose black circles, when you use the circle erase function, only black lines can be erased, other colors of lines will be automatically retained.

#### 11.10.2.2.3 Hand Back Eraser

The hand back eraser eraser requirements is the minimum contact 30mm (length and width), the greater the contact out of the board eraser the larger

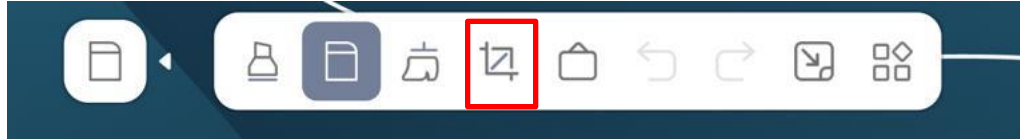
#### 11.10.2.3 Clear Screen

Clear all contents on the screen.



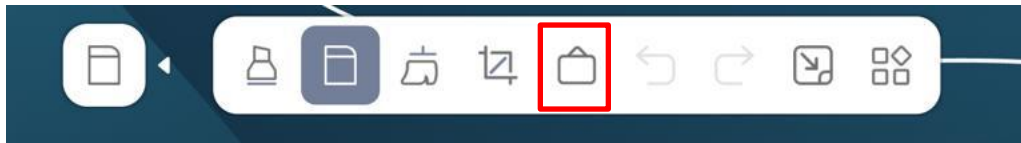
#### 11.10.2.4 Screenshot insert whiteboard function

By this function, the annotation will generate a screenshot of the large screen background along with the content of the annotation and insert it into the whiteboard.



### 11.10.2.5 Access to whiteboard

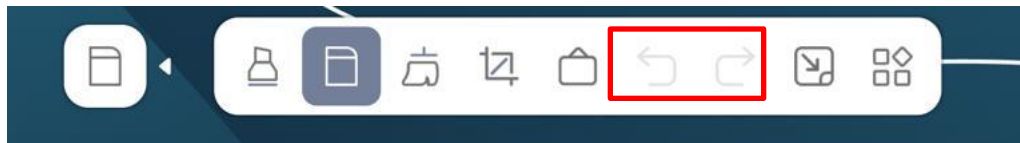
Quick access to whiteboard.



Undo, Redo

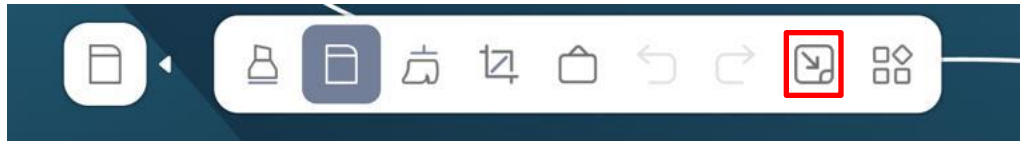
Undo the last action.

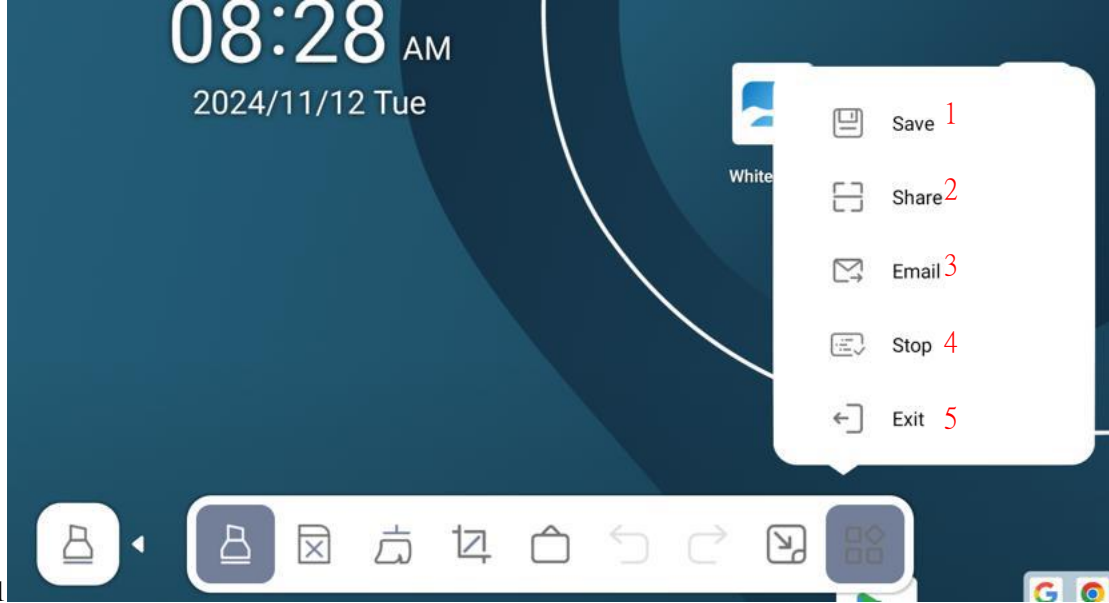
Redoing the last operation , equals to canceling the undo.



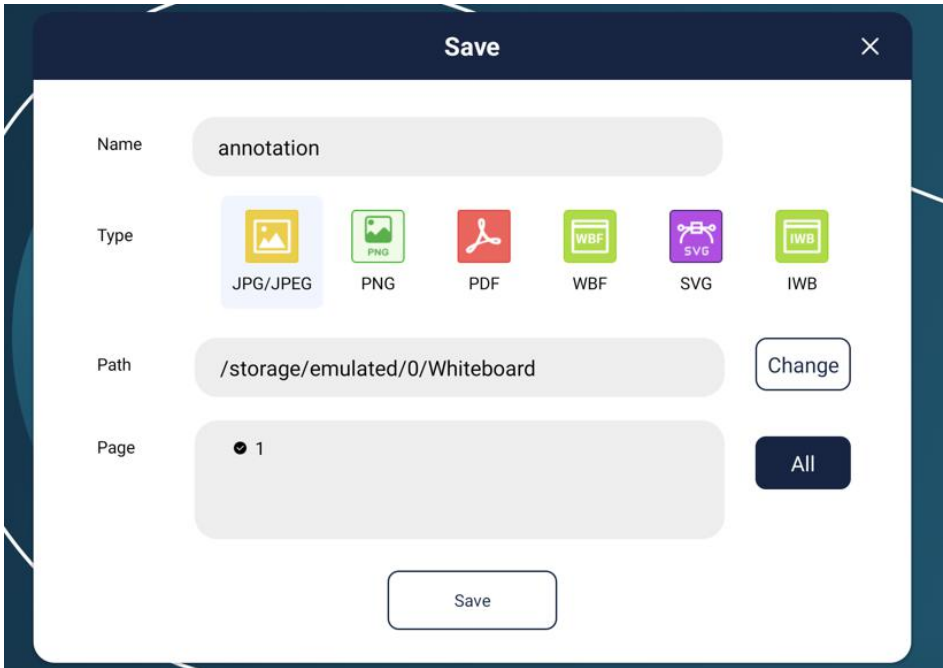
### 11.10.2.6 Minimize the annotation

Minimizing the annotation to the background will not exit the annotation, and when you reopen the annotation,you can also re-edit the content of the annotation.





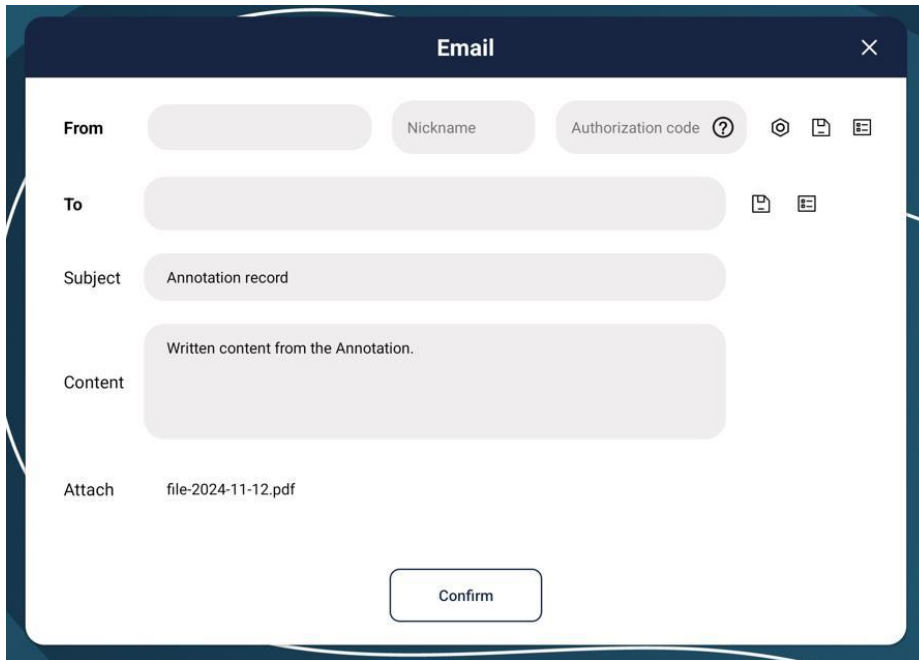
1. Save files  
Same as the whiteboard.



2. Scan code to share  
Same as whiteboard.

### 3. Send Email

Same as whiteboard.

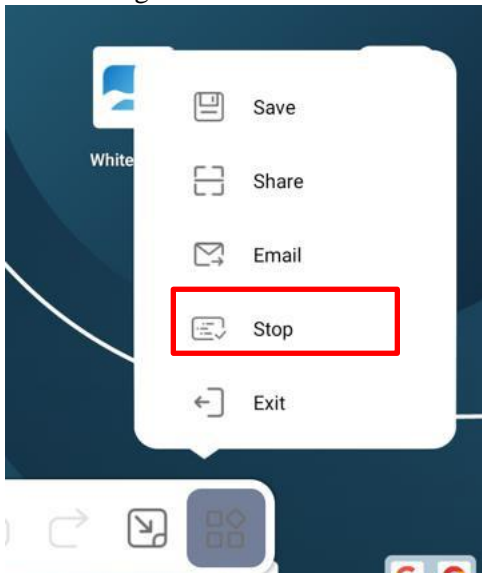


### 4. Background stop

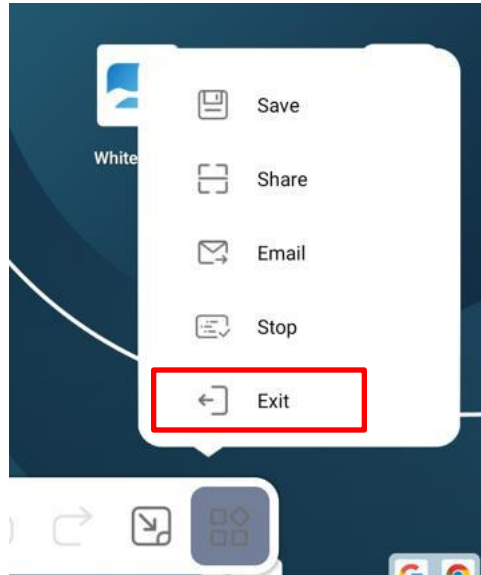
The default background is static, so it is more convenient for users to annotate the interface they need.

However, when necessary, such as when a video is playing in the background, you can also watch the video and annotate the content at the same time.

- Static background icon:



- Movement background icon:



5. Exit the annotation

Exit the annotation, the system will prompt whether to save.

