

# Smart Interactive Display

## User Manual

Manual Version: V1.04

## Disclaimer and Safety Warnings

### Copyright Statement

©2022-2024 Zhejiang Uniview Technologies Co., Ltd. All rights reserved.

No part of this manual may be copied, reproduced, translated or distributed in any form or by any means without prior consent in writing from Zhejiang Uniview Technologies Co., Ltd (referred to as Uniview or us hereafter). The product described in this manual may contain proprietary software owned by Uniview and its possible licensors. Unless permitted by Uniview and its licensors, no one is allowed to copy, distribute, modify, abstract, decompile, disassemble, decrypt, reverse engineer, rent, transfer, or sublicense the software in any form or by any means.

### Trademark Acknowledgements

 are trademarks or registered trademarks of Uniview.

All other trademarks, products, services and companies in this manual or the product described in this manual are the property of their respective owners.

### Export Compliance Statement

Uniview complies with applicable export control laws and regulations worldwide, including that of the People's Republic of China and the United States, and abides by relevant regulations relating to the export, re-export and transfer of hardware, software and technology. Regarding the product described in this manual, Uniview asks you to fully understand and strictly abide by the applicable export laws and regulations worldwide.

### Privacy Protection Reminder

Uniview complies with appropriate privacy protection laws and is committed to protecting user privacy. You may want to read our full privacy policy at our website and get to know the ways we process your personal information. Please be aware, using the product described in this manual may involve the collection of personal information such as face, fingerprint, license plate number, email, phone number, GPS. Please abide by your local laws and regulations while using the product.

### About This Manual

- This manual is intended for multiple product models, and the photos, illustrations, descriptions, etc. in this manual may be different from the actual appearances, functions, features, etc. of the product.
- This manual is intended for multiple software versions, and the illustrations and descriptions in this manual may be different from the actual GUI and functions of the software.
- Despite our best efforts, technical or typographical errors may exist in this manual. Uniview cannot be held responsible for any such errors and reserves the right to change the manual without prior notice.
- Users are fully responsible for the damages and losses that arise due to improper operation.
- Uniview reserves the right to change any information in this manual without any prior notice or indication. Due to such reasons as product version upgrade or regulatory requirement of relevant regions, this manual will be periodically updated.

### Disclaimer of Liability

- To the extent allowed by applicable law, in no event will Uniview be liable for any special, incidental, indirect, consequential damages, nor for any loss of profits, data, and documents.
- The product described in this manual is provided on an "as is" basis. Unless required by applicable law, this manual is only for informational purpose, and all statements, information, and recommendations in this manual are presented without warranty of any kind, expressed or implied, including, but not limited to, merchantability, satisfaction with quality, fitness for a particular purpose, and noninfringement.
- Users must assume total responsibility and all risks for connecting the product to the Internet, including, but not limited to, network attack, hacking, and virus. Uniview strongly recommends that users take all necessary measures to enhance the protection of network, device, data and personal information. Uniview disclaims any liability related thereto but will readily provide necessary security related support.
- To the extent not prohibited by applicable law, in no event will Uniview and its employees, licensors, subsidiary, affiliates be liable for results arising out of using or inability to use the product or service, including, not limited to, loss of profits and any other commercial damages or losses, loss of data, procurement of substitute goods or services; property damage, personal injury, business interruption, loss of business information, or any special, direct, indirect, incidental, consequential, pecuniary, coverage, exemplary, subsidiary losses, however caused and on any theory of liability, whether in contract, strict liability or tort (including negligence or otherwise) in any way out of the use of the product, even if Uniview has been advised of the possibility of such damages (other than as may be required by applicable law in cases involving personal injury, incidental or subsidiary damage).
- To the extent allowed by applicable law, in no event shall Uniview's total liability to you for all damages for the product described in this manual (other than as may be required by applicable law in cases involving personal injury) exceed the amount of money that you have paid for the product.

### Network Security

Please take all necessary measures to enhance network security for your device.

**The following are necessary measures for the network security of your device:**

- **Change default password and set strong password:** You are strongly recommended to change the default password after your first login and set a strong password of at least nine characters including all three elements: digits, letters and special characters.
- **Keep firmware up to date:** It is recommended that your device is always upgraded to the latest version for the latest functions and better security. Visit Uniview's official website or contact your local dealer for the latest firmware.

**The following are recommendations for enhancing network security of your device:**

- **Change password regularly:** Change your device password on a regular basis and keep the password safe. Make sure only the authorized user can log in to the device.
- **Enable HTTPS/SSL:** Use SSL certificate to encrypt HTTP communications and ensure data security.
- **Enable IP address filtering:** Allow access only from the specified IP addresses.
- **Minimum port mapping:** Configure your router or firewall to open a minimum set of ports to the WAN and keep only the necessary port mappings. Never set the device as the DMZ host or configure a full cone NAT.
- **Disable the automatic login and save password features:** If multiple users have access to your computer, it is recommended that you disable these features to prevent unauthorized access.
- **Choose username and password discretely:** Avoid using the username and password of your social media, bank, email account, etc, as the username and password of your device, in case your social media, bank and email account information is leaked.
- **Restrict user permissions:** If more than one user needs access to your system, make sure each user is granted only the necessary permissions.
- **Disable UPnP:** When UPnP is enabled, the router will automatically map internal ports, and the system will automatically forward port data, which results in the risks of data leakage. Therefore, it is recommended to disable UPnP if HTTP and TCP port mapping have been enabled manually on your router.
- **SNMP:** Disable SNMP if you do not use it. If you do use it, then SNMPv3 is recommended.
- **Multicast:** Multicast is intended to transmit video to multiple devices. If you do not use this function, it is recommended you disable multicast on your network.
- **Check logs:** Check your device logs regularly to detect unauthorized access or abnormal operations.
- **Physical protection:** Keep the device in a locked room or cabinet to prevent unauthorized physical access.
- **Isolate video surveillance network:** Isolating your video surveillance network with other service networks helps prevent unauthorized access to devices in your security system from other service networks.

**Learn More**

You may also obtain security information under Security Response Center at Uniview's official website.

**Safety Warnings**

The device must be installed, serviced and maintained by a trained professional with necessary safety knowledge and skills. Before you start using the device, please read through this guide carefully and make sure all applicable requirements are met to avoid danger and loss of property.

**Storage, Transportation, and Use**

- Store or use the device in a proper environment that meets environmental requirements, including and not limited to, temperature, humidity, dust, corrosive gases, electromagnetic radiation, etc.
- Make sure the device is securely installed or placed on a flat surface to prevent falling.
- Unless otherwise specified, do not stack devices.
- Ensure good ventilation in the operating environment. Do not cover the vents on the device. Allow adequate space for ventilation.
- Protect the device from liquid of any kind.
- Make sure the power supply provides a stable voltage that meets the power requirements of the device. Make sure the power supply's output power exceeds the total maximum power of all the connected devices.
- Verify that the device is properly installed before connecting it to power.
- Do not remove the seal from the device body without consulting Uniview first. Do not attempt to service the product yourself. Contact a trained professional for maintenance.
- Always disconnect the device from power before attempting to move the device.
- Take proper waterproof measures in accordance with requirements before using the device outdoors.

**Power Requirements**

- Install and use the device in strict accordance with your local electrical safety regulations.
- Use a UL certified power supply that meets LPS requirements if an adapter is used.
- Use the recommended cordset (power cord) in accordance with the specified ratings.
- Only use the power adapter supplied with your device.
- Use a mains socket outlet with a protective earthing (grounding) connection.
- Ground your device properly if the device is intended to be grounded.

# Contents

Disclaimer and Safety Warnings .....	i
1 Overview .....	1
2 System .....	1
2.1 Home Screen .....	1
2.2 Signal Source .....	2
2.3 App Management .....	3
2.3.1 Process Management .....	3
2.3.2 Home App Management .....	4
2.3.3 Install/Uninstall Apps .....	5
2.4 Tools .....	5
2.4.1 Page Tools .....	5
2.4.2 Auxiliary Tools .....	5
2.4.3 Other Tools .....	17
3 Apps .....	18
3.1 Settings .....	18
3.1.1 Network .....	18
3.1.2 General Settings .....	21
3.1.3 System .....	25
3.2 Whiteboard .....	30
3.3 Screen Sharing .....	38
3.4 Welcome .....	39
3.5 File Transfer .....	41
3.6 System Upgrade .....	44
3.7 File Management .....	46
3.8 Centralized Control Assistant .....	48

# 1 Overview

Smart interactive display (hereinafter referred to as display), designed for digital office, adopts an UHD anti-glare screen and integrates multiple functions such as smart writing and screen sharing, providing an efficient and smart meeting environment and realizing smart office throughout workflow.

This manual describes how to use the display.



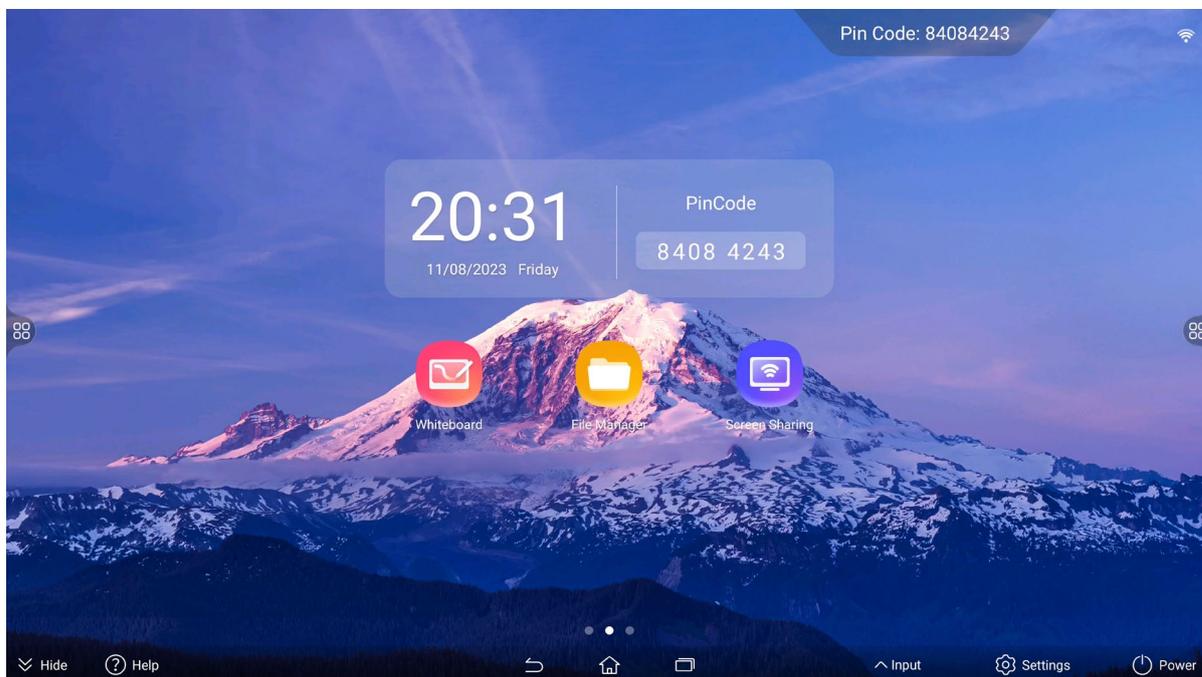
## NOTE!

This manual is intended for various products. The user interface, functions, and operations may vary with software version.

# 2 System

Configure the startup wizard including language, time zone, etc. before use the display at the first time.

## 2.1 Home Screen



Icon	Description
	View the current network status.
	Tools such as annotation, volume and brightness adjustment. See <a href="#">Tools</a> for details.

Icon	Description
Pin Code	Used to share screen on your device to the display. See <a href="#">Screen Sharing</a> for details.
	Frequently-used apps. See <a href="#">Home App Management</a> for customizing frequently-used apps.
	View the current screen location.
	Tap to hide the navigation bar. You may swipe up from the bottom edge of the screen to open the navigation bar, and swipe down to hide it.
	View operation guides, FAQs, etc.
	Return to the previous screen.
	Return to the home screen.
	View running apps and switch between them. See <a href="#">Process Management</a> for details.
	Switch input sources, including OPS, HDMI, etc. See <a href="#">Signal Source</a> for details.
	Set up the display. See <a href="#">Settings</a> for details.
	Sleep/restart/shutdown. Tap the icon to select the power status, and the display will automatically shut down if there is no operation within 15 seconds.

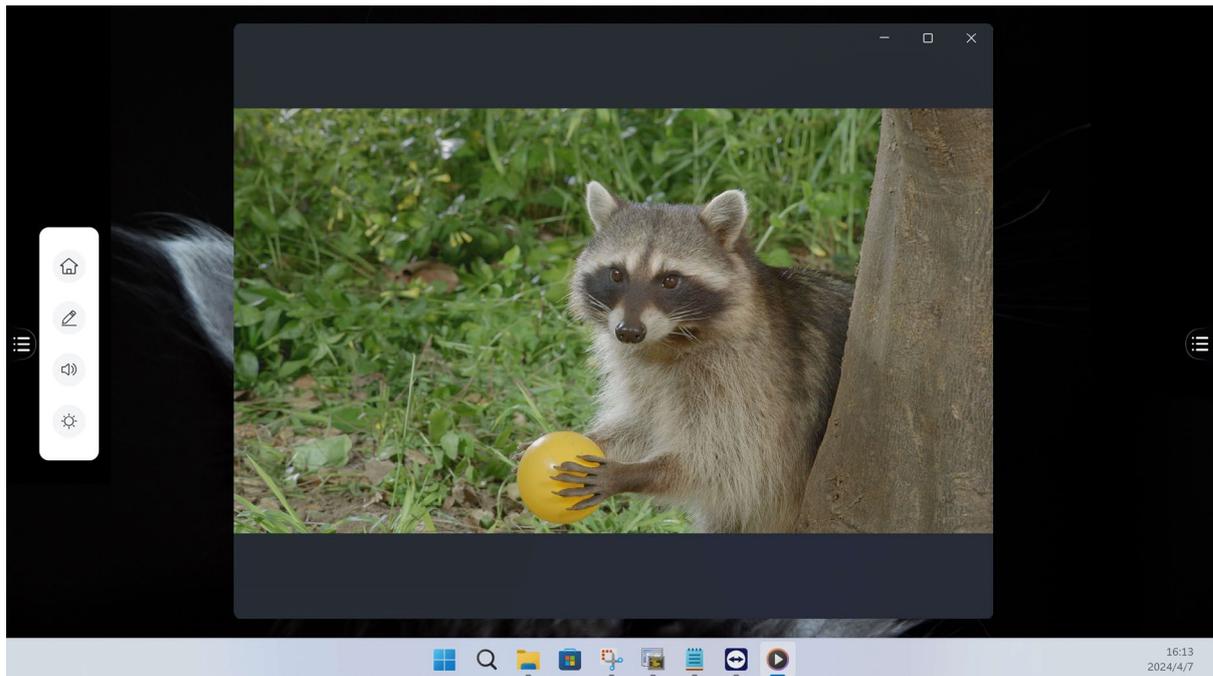
## 2.2 Signal Source

The Android screen is displayed by default after the display starts up. You can connect the display to other signal sources and switch to the corresponding screen as needed.

Three switching methods are available.

- Connect the display to a signal source, and then the corresponding screen will be displayed.
- Tap  in the lower navigation bar to show available signal sources. Tap the signal source you want to use, and the corresponding screen will be displayed
- Go to **Settings > System > Power**, set the power on channel to the desired signal source, and then the corresponding screen will be displayed after startup.

After switching the signal source, tap  on the left/right sidebar to open the toolbar.



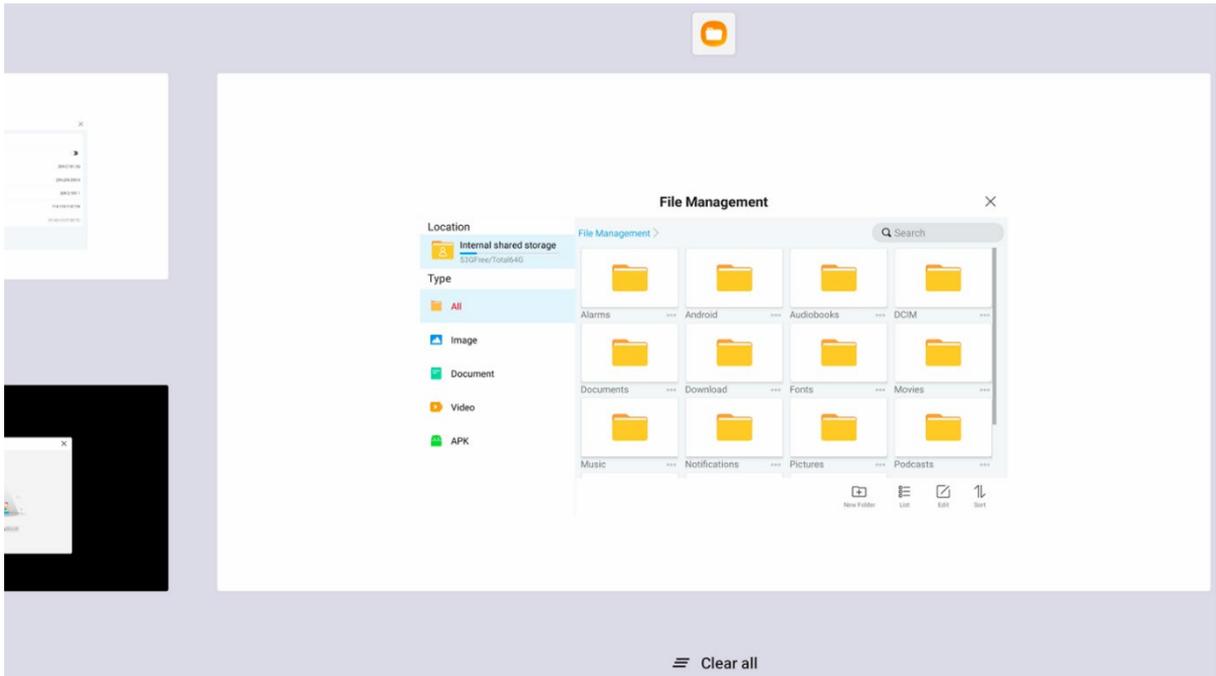
 : Return to the Android screen	 : Open Annotation. See <a href="#">Annotation</a> for details.
 : Adjust the volume	 : Adjust the screen brightness

## 2.3 App Management

### 2.3.1 Process Management

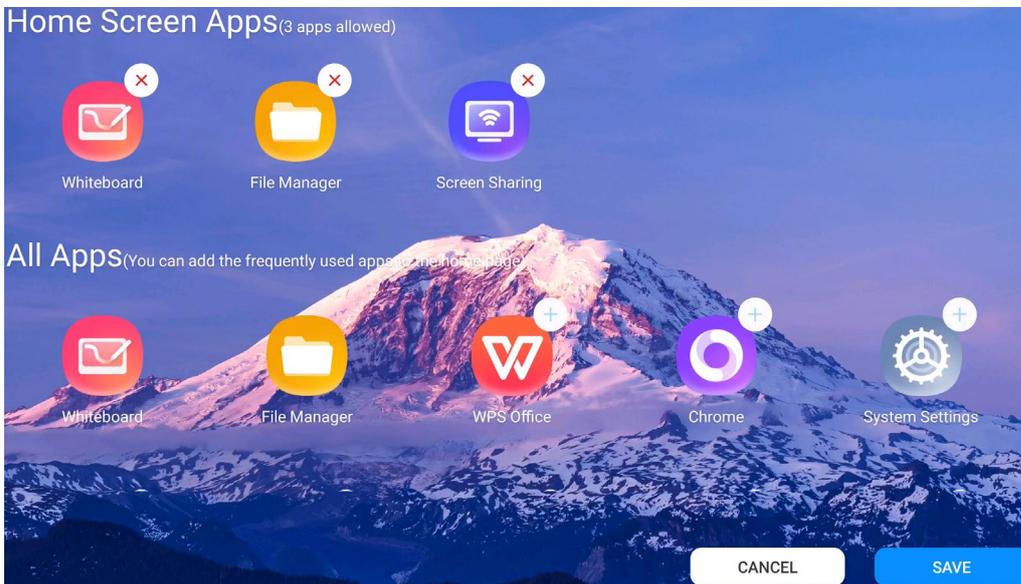
Tap  in the lower navigation bar or  in the sidebar tool, and then the process management screen appears.

- Swipe right or left to view all running apps.
- Tap an app to switch to it.
- Swipe up on the preview of an app to close it.
- Tap **Clear all** to close all running apps.



### 2.3.2 Home App Management

Swipe left on the home screen to view all the installed apps. Tap **HOME APP MANAGEMENT** to manage the frequently-used apps displayed on the home screen.



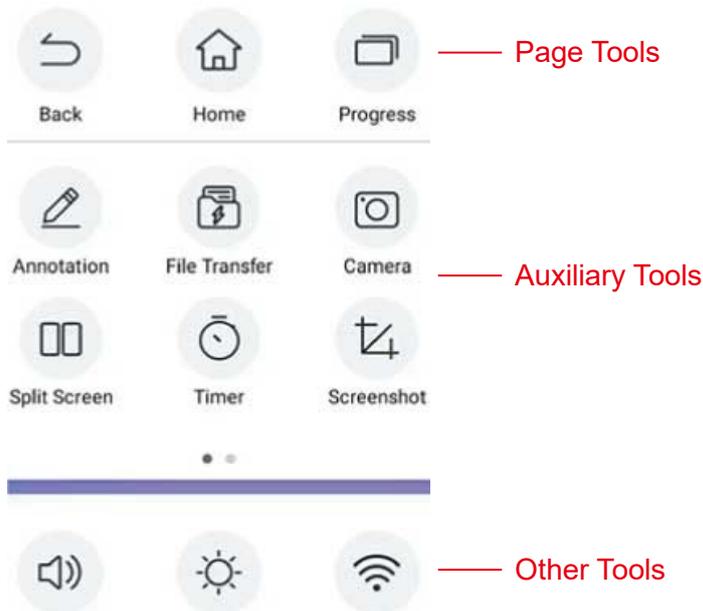
Item	Description
Home Screen Apps	View frequently-used apps displayed on the home screen. Up to 3 apps are allowed. To delete an app from the home screen, tap  .
All Apps	Swipe up or down to view all to view all the installed apps. To add an app to the home screen, tap  .

### 2.3.3 Install/Uninstall Apps

- Install apps: Get the app you want to use from the app store, browser, or USB drive, and then install it.
- Uninstall apps: On the app screen, touch and hold on the app you want to delete, and then tap . The system apps cannot be uninstalled.

## 2.4 Tools

Tap  on the left or right side of the screen to open the Tools menu.



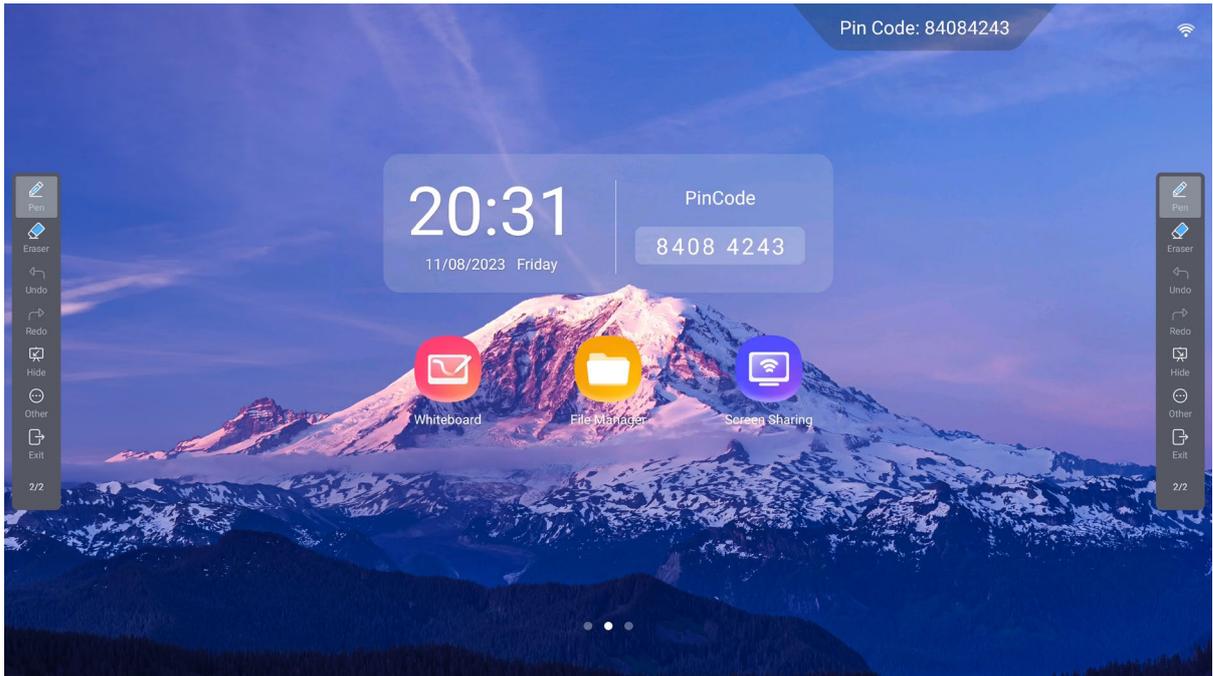
### 2.4.1 Page Tools

- : Back: Return to the previous screen.
- : Home: Return to the home screen.
- : Process management: View all the running apps and switch between them. See [Process Management](#) for details.

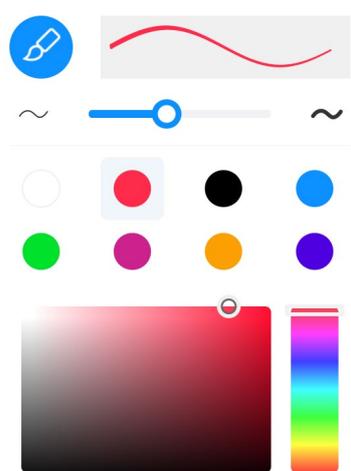
### 2.4.2 Auxiliary Tools

#### 1. Annotation

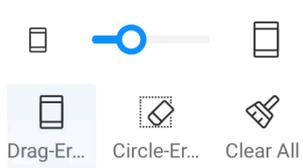
Take a screenshot of the current page as the background image, and make annotations on the image for marker, supplementary description, etc.



- : Writing, set the pen style to make annotations. In writing mode, pinch in or out with your two fingers to zoom or move annotations.



- : Erase annotations.



- : Set the eraser size and then drag the eraser over the contents you want to erase.
- : Circle the contents you want to erase.

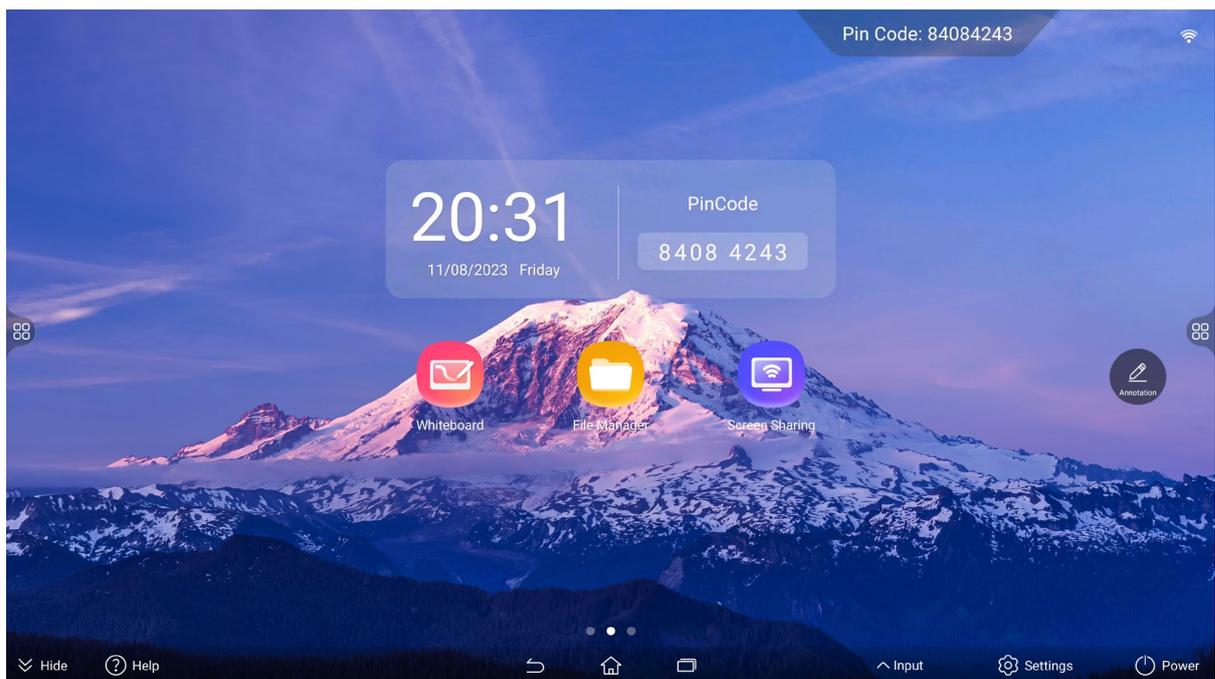
➤  : Clear all contents.



### NOTE!

In writing mode, you can use gestures to erase partial annotations. The erasure area depends on the touched area, such as the back of the hand, palm, etc.

-  : Undo the last operation.
-  : Redo what you've undone.
-  : Hide the annotation bar as a floating icon . You can drag the icon to other positions.
  - After operating other page, you can tap the floating icon to open Annotation. A new canvas will be created and use the current page as the background image, then you can make annotations on the image.
  - Tap and hold the floating icon, and it will be . Tap  to close Annotation.



-  : Other tools: After completing the annotations, you can save or share the annotations, or import the annotations into the whiteboard.
  -  : Import the current canvas with annotations to Whiteboard, and you can operate the annotations on Whiteboard.
  -  : Convert all canvases to images and share them via a QR code, and then others can view the canvas contents or save images by scanning the QR code.

If you set a 6-digit password and click **ENCRYPT**, the shared content will be encrypted, and other users need to enter the correct password after scanning the QR code to view the shared content. If you close this QR code, click , and the QR code will be updated and restore the unencrypted state.



Enter 6-digit

ENCRYPT

➤ : Save all canvases as source files or images. The source files can be opened in Whiteboard.

Save Source File  Save as image

Save to /sdcard/Documents ...

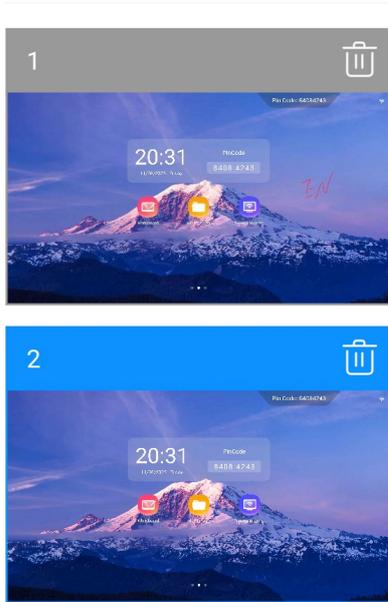
File Name wb20230811212315 uwb

Cancel

Save

- : Exit Annotation.
- **2/2**: Current page /total number of pages. Tap to preview the thumbnails of all canvases. Tap a thumbnail to show the corresponding canvas in full screen. To delete a canvas, tap .

### Canvas



### 2. File Transfer

Transfer images or files to the display by scanning a QR code or browser. See [File Transfer](#) for details.

### 3. Camera

When an external camera is connected, you can tap  in the [Auxiliary Tools](#) to take photos or record videos. The photos and videos will be automatically saved to the internal shared storage space in [File Management](#).



Pinch out with your fingers on the snapshot, or tap   to zoom out on the snapshot; Pinch in with your fingers on the snapshot, or click  to restore the original size. Tap  to configure camera parameters, including volume, resolution, etc. Tap  to exit the camera settings.

- Snapshot: Tap  to take a photo, and then the thumbnail of the image will be displayed in the lower left corner. Tap the thumbnail to enter the image folder of File Management.
- Recording: Tap  to start recording and tap  to stop, and then the thumbnail of the recording appears in the lower left corner. Tap the thumbnail to enter the video folder of File Management.

#### 4. Split Screen

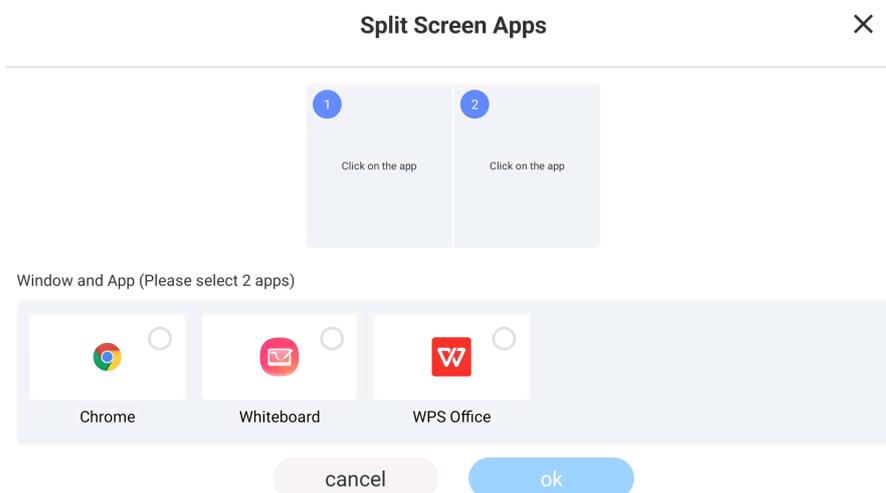
Split the screen into the left and right areas. You can open two apps simultaneously and operate on the two screens separately.

1. Tap  in the [Auxiliary Tools](#), and the **Split Screen Apps** screen appears.

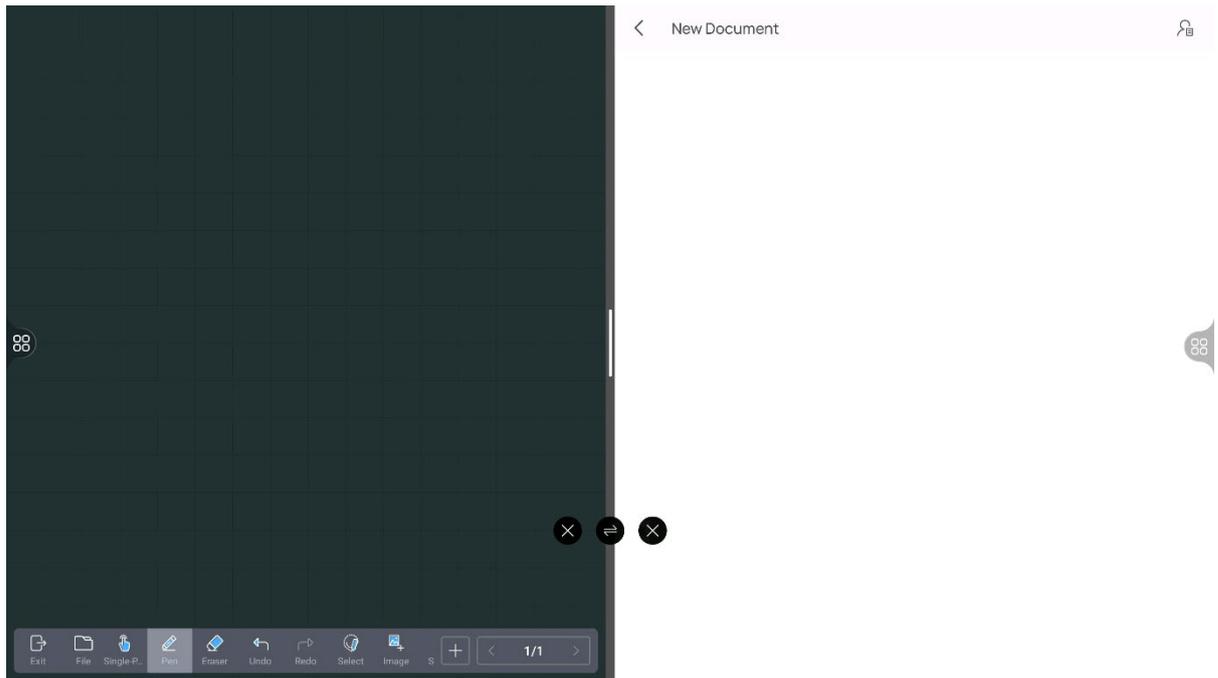


#### NOTE!

Only the running Whiteboard, WPS, Google Chrome, and the third-party apps support split-screen operations. To display an app on the split screen, open and run it first.



2. Tap to select two apps, tap **ok**, and the two apps will be displayed on the split screens. You can operate on the two screens separately and change the screen style as desired.



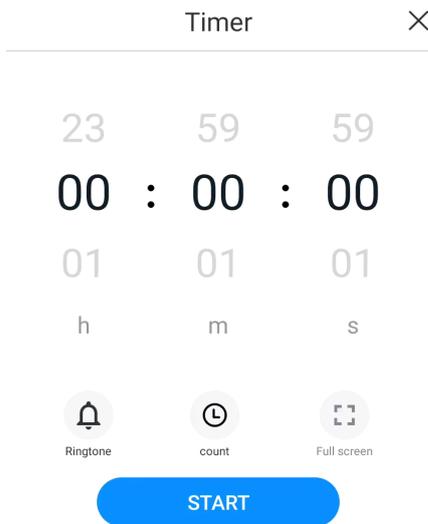
- Tap  to close one side of the screen, and the other side will expand to the full screen. To display split screens, open the Split Screen tool again.
- Tap  or double-tap the vertical line between the two screens, and then the pages of the two screens will be switched.
-  and  will be automatically hidden after 10 seconds. Double-tap the vertical line between the two screens, swipe left and right, and then the two buttons will appear.
- Tap and hold the vertical line and swipe to one side, and the side of the screen will be smaller and the other side screen will be larger.

## 5. Timer

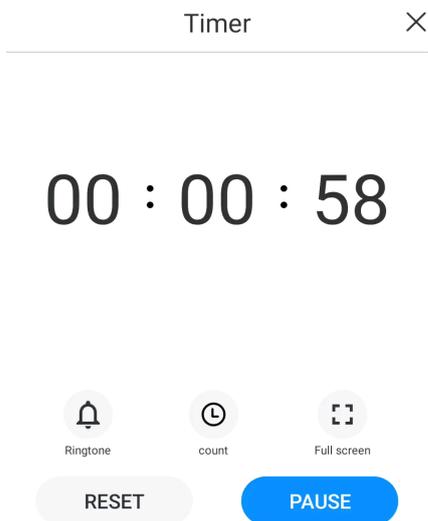
### Timer

Swipe up or down to set a time and then tap **START** to start countdown. You can tap  to

enter full screen mode, and tap  to set a ringtone to alert you when the time is up.

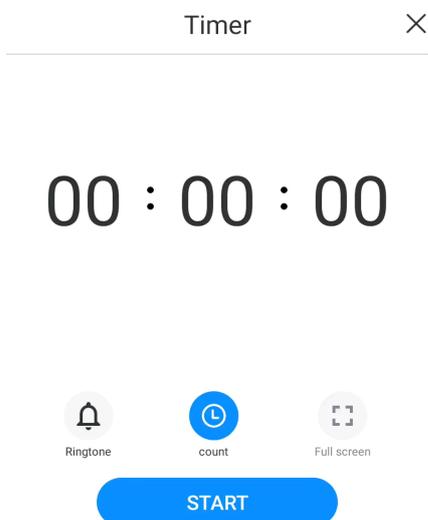


Tap **RESET** or **PAUSE** to reset the time or stop countdown. The screen shows “End” to alert you when the time is up.

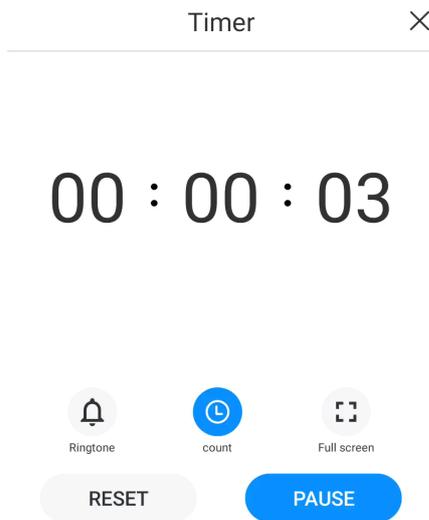


### Chronometer

Tap  to open the chronometer screen, and the icon becomes . Tap **START** to start count.



Tap **RESET** or **PAUSE** to count again or stop count. Tap  again to switch to the timer screen.



### 6. Screenshot

Take a screenshot of the displayed content.

- Partial screenshot (default): Drag the corners of the screenshot box to select the area to take a screenshot of. To switch to full screenshot mode, tap .
- Full screenshot: Take a screenshot of the whole screen. To switch to partial screenshot mode, tap .

Tap  to save the screenshot. Tap  to exit Screenshot.



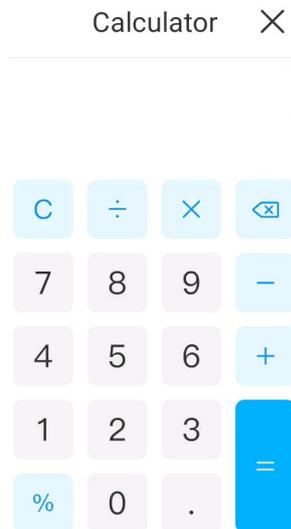
### 7. Screen Recording

Record the screen and operation. The audio can be recorded after the display is connected to a microphone module. After the recording is ended, the video will automatically saved to the internal shared storage space in File Management.



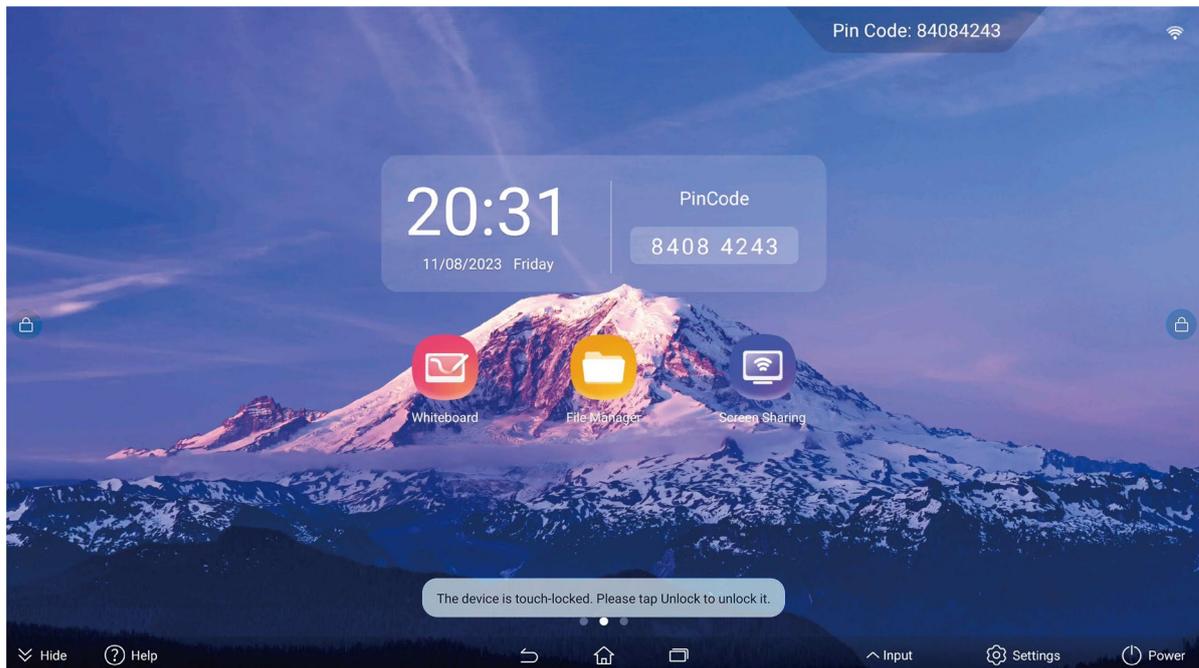
## 8. Calculator

Make mathematical calculations.



## 9. Touch Lock

After **Touch Lock** is enabled, the screen cannot be controlled to avoid the misoperation. To unlock, tap  in the sidebar.



## 10. Screen Lock

Enable **Screen Lock** in **Settings > Sound & Display > Security**, then tap  in the [Auxiliary Tools](#) to lock the screen. To unlock, swipe up on the screen.



### 11. Vote

Create and launch a vote.

1. Tap **Edit** in the Vote screen, or scan the QR code with your phone.

Vote 



Scan to Edit

Edit

Revote

2. Edit the vote contents as desired, and then tap **Start** to create and launch the vote.

< Edit ×

Subject  
Please enter the subject (up to 30 characters)

Options

1	Option (up to 30 characters)	🗑️
2	Option2	🗑️
3	Option3	🗑️

Add

Multi-Option

Anonymous

Start

3. The participants can scan the QR code to vote.

Scan to Vote ×



Total 1 people voted

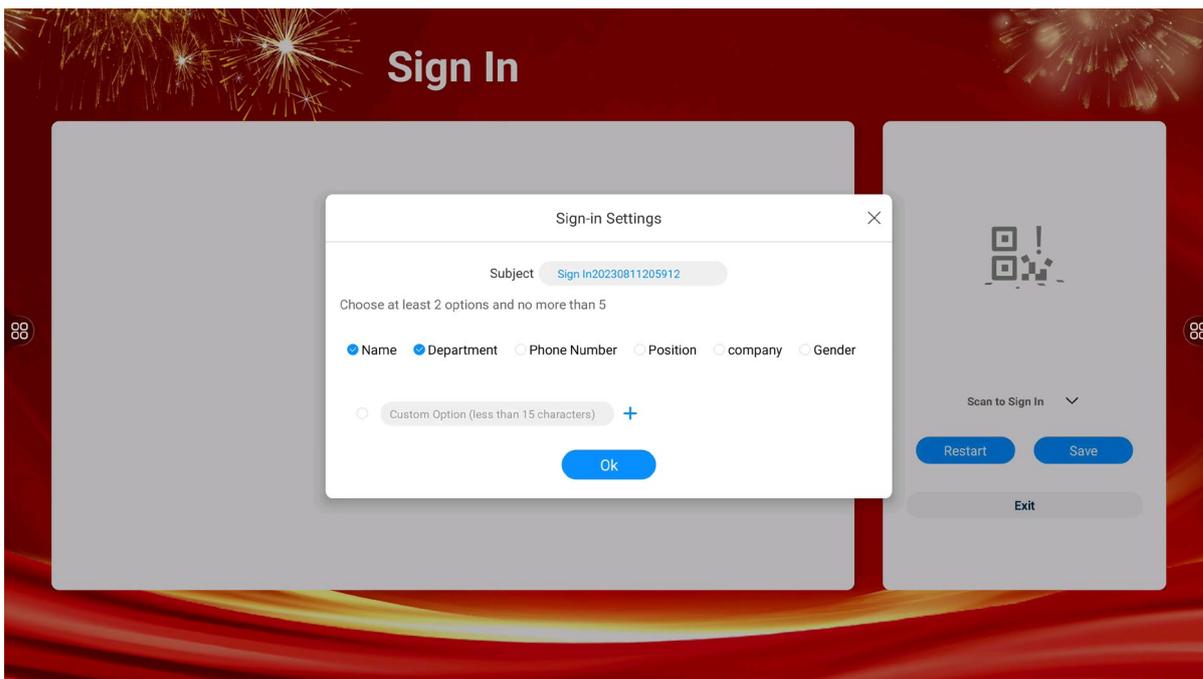
Generate Results Revote

4. Tap **Generate Results** to view the vote results, or tap **Revote** to recreate a vote.

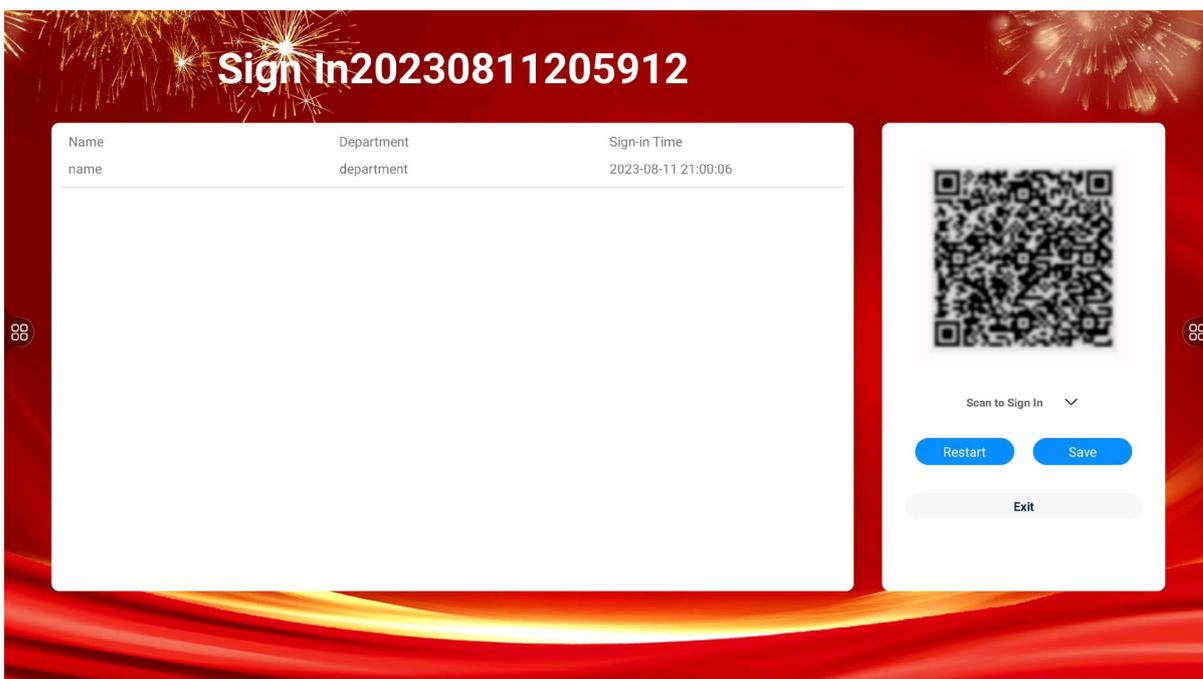
## 12. Sign In

Create and launch a sign-in to count participants information, the number of participants, etc.

1. Set the sign-in contents as desired, and then tap **OK** to create and launch the sign-in.



- 2. The participants can scan the QR code to sign in, and the results will be automatically displayed on the **Sign In** screen.



- 3. Tap **Save** to save the sign-in results, or tap **Restart** to recreate the sign-in.

### 2.4.3 Other Tools

#### 1. Volume

Tap to enter the volume adjustment screen. Drag the slide to adjust the media volume or calling volume. Tap or to mute/unmute the media volume or calling volume.

To close the screen, tap other area of the screen or wait for 5 seconds.



## 2. Brightness

Tap  to enter the brightness adjustment screen. Drag the slide to adjust the screen brightness.

To close the screen, tap other area of the screen or wait for 5 seconds.



## 3. Wireless Network

Tap  to enter the **Wireless Network** screen, and you can connect the display to the wireless network or set the wireless network. See [Wireless Network](#) for details.

# 3 Apps

---

Swipe left on the home screen to view all apps.

## 3.1 Settings

Tap  in the navigation bar or open the Settings app to configure general settings, network, system, etc.

### 3.1.1 Network

#### 1. Wired Network

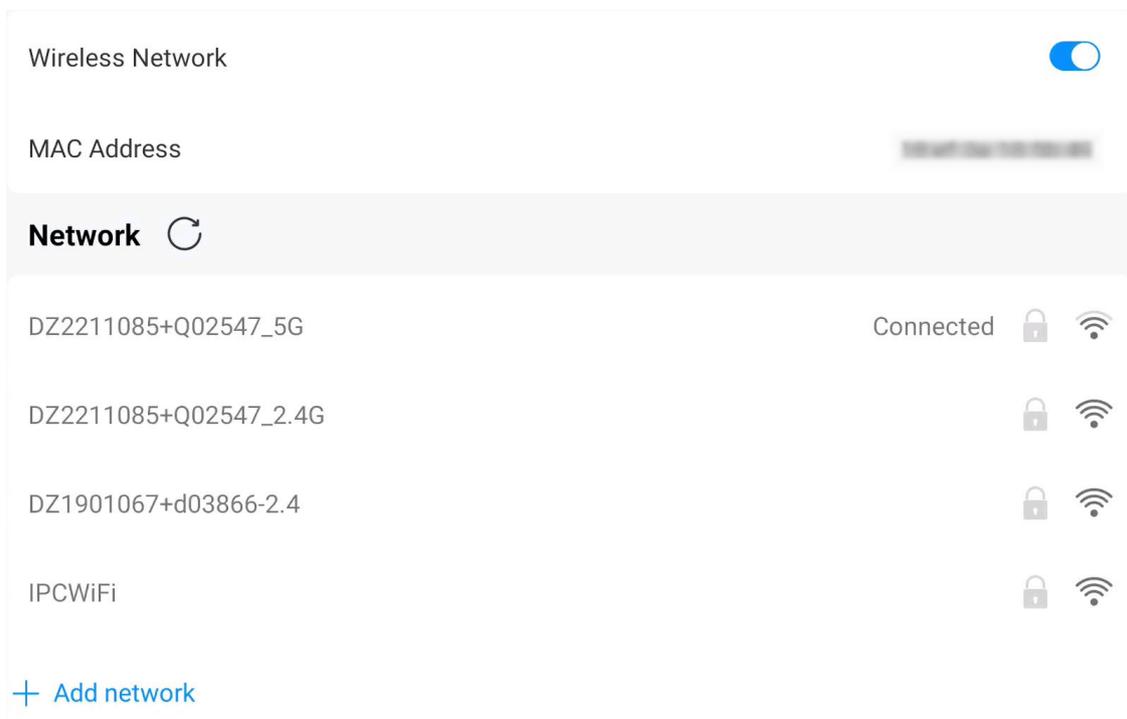
Connect the display to a wired network using a network cable. You can enable DHCP to obtain the IP address, subnet mask, and other parameters from the DHCP server, or disable DHCP to set the parameters manually.



## 2. Wireless Network

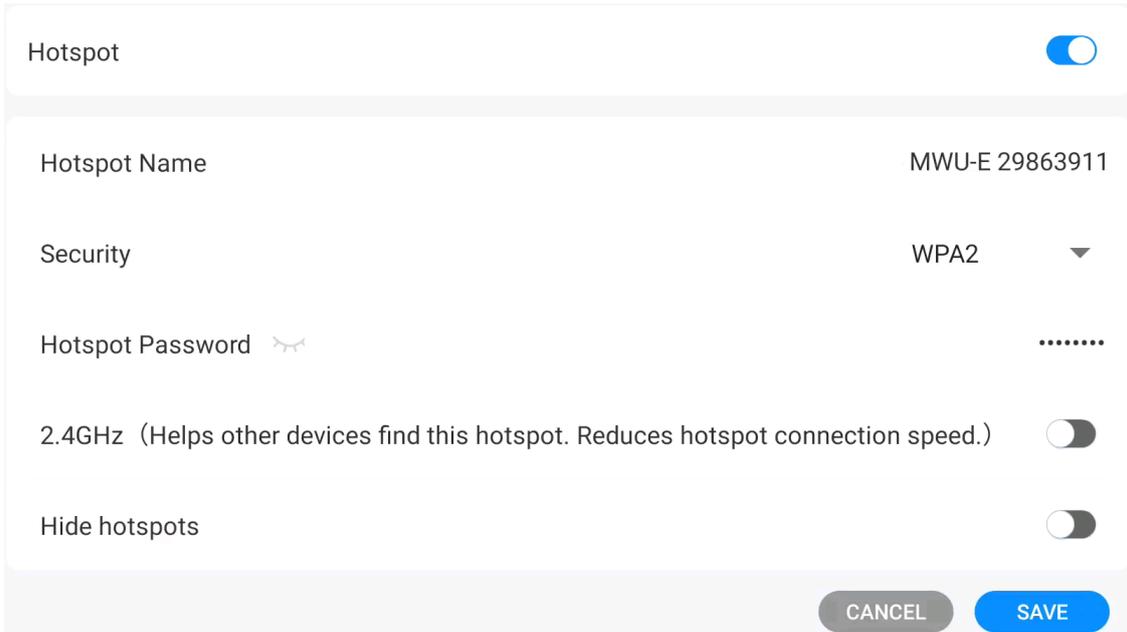
Enable **Wireless Network** to discover available wireless networks automatically, then select a network and enter its password to connect to it. After successful connection, you can tap the network to view detailed information.

If the wireless network you want to use does not appear in the network list, tap  to refresh the list or tap **Add Wi-Fi** to add it manually.



## 3. Hotspot

Enable **Hotspot** to share the display's network connection with other devices for wireless screen sharing. See [Screen Sharing](#) for details.



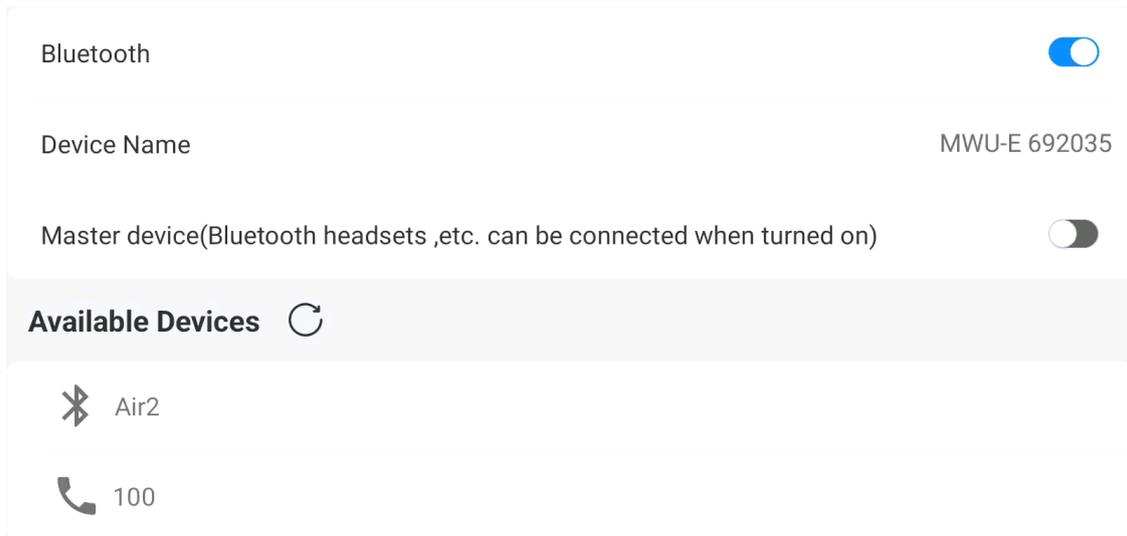
Item	Description
Hotspot Name	View or edit the hotspot name. Other devices can discover the hotspot via the name.
Security	<ul style="list-style-type: none"> <li>● None: The hotspot is accessible without a password.</li> <li>● WPA2: The hotspot is accessible with a password.</li> </ul>
Switch to 2.4GHz	5GHz by default. Switching to 2.4GHz helps other devices find the hotspot but may slow down the connection speed.
Hide Hotspot	When enabled, other devices cannot automatically get the hotspot. The hotspot can be added manually.

#### 4. Bluetooth

Enable **Bluetooth** to discover available Bluetooth devices automatically, then select a device to connect to it. After successful connection, you can transfer files between the display and the device.

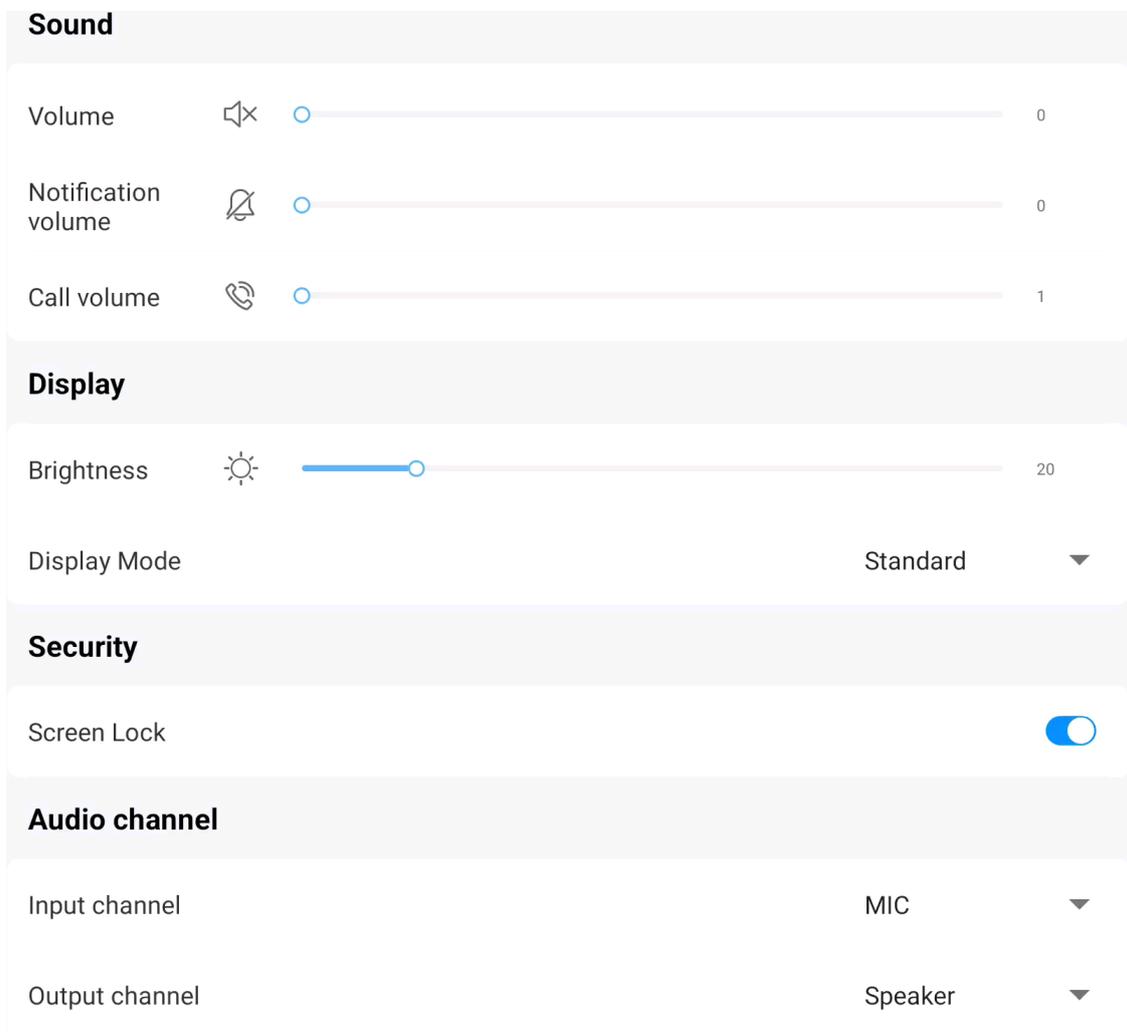
Enable **Host Device** to connect devices such as Bluetooth earphones.

If the Bluetooth device you want to use does not appear in the device list, click  to refresh the list.



### 3.1.2 General Settings

#### 1. Sound & Display



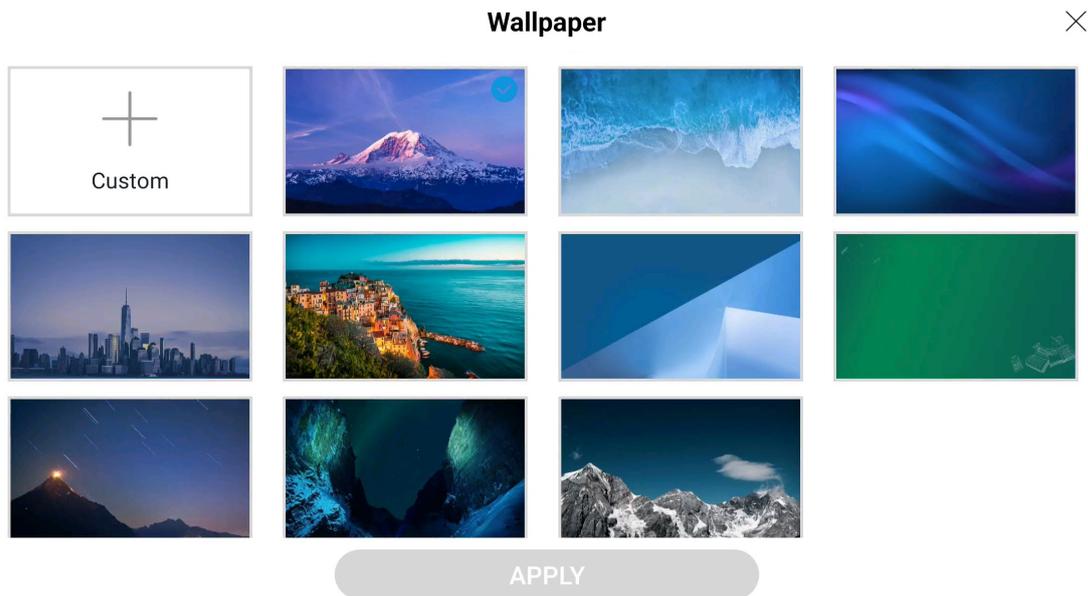
Item	Description
Sound	Adjust the volume by dragging the slider.

Item	Description
Display	<ul style="list-style-type: none"> <li>● Brightness: Adjust the screen brightness by dragging the slider.</li> <li>● Display mode: Set the color temperature of the screen.</li> </ul> <p><b>NOTE!</b> This function is available on certain models only.</p>
Security	When enabled, you can tap  in the Tools menu to lock the screen.
Audio channel	<p>Set the channel used for audio collection or playback.</p> <ul style="list-style-type: none"> <li>● Input channel: Audio collection device connected to the LINE IN interface / MIC module.</li> <li>● Output channel: Audio playback device connected to the LINE OUT interface / Speaker.</li> </ul>

## 2. Personalization

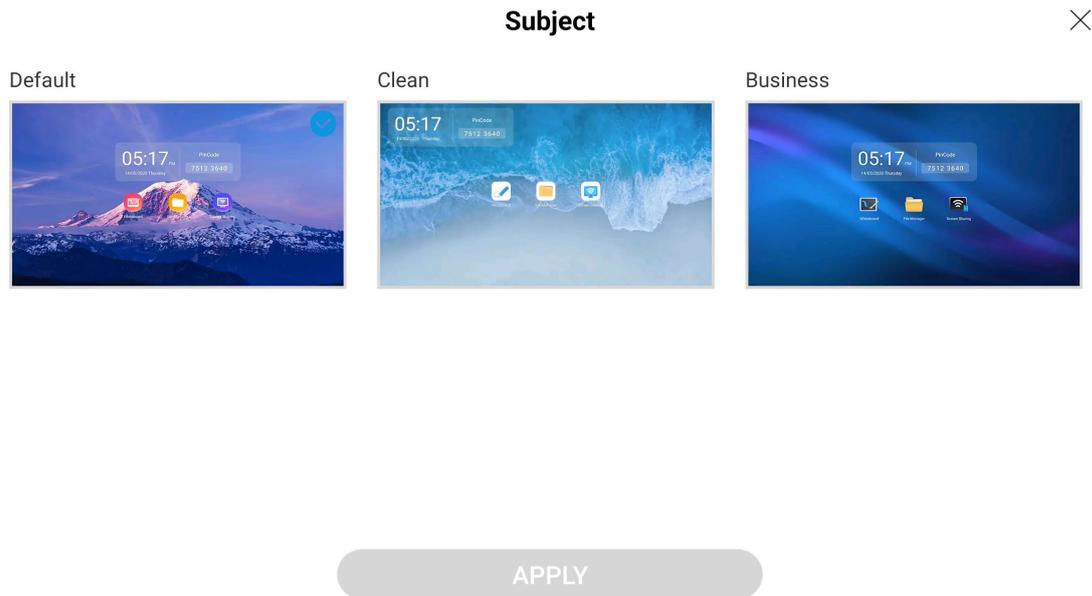
### Wallpaper

Set the wallpaper as you like. Choose a preset image or tap **Custom** to choose another image.



### Subject

Set the subject style as you like.



### 3. Auxiliary Function

#### Mini Mode

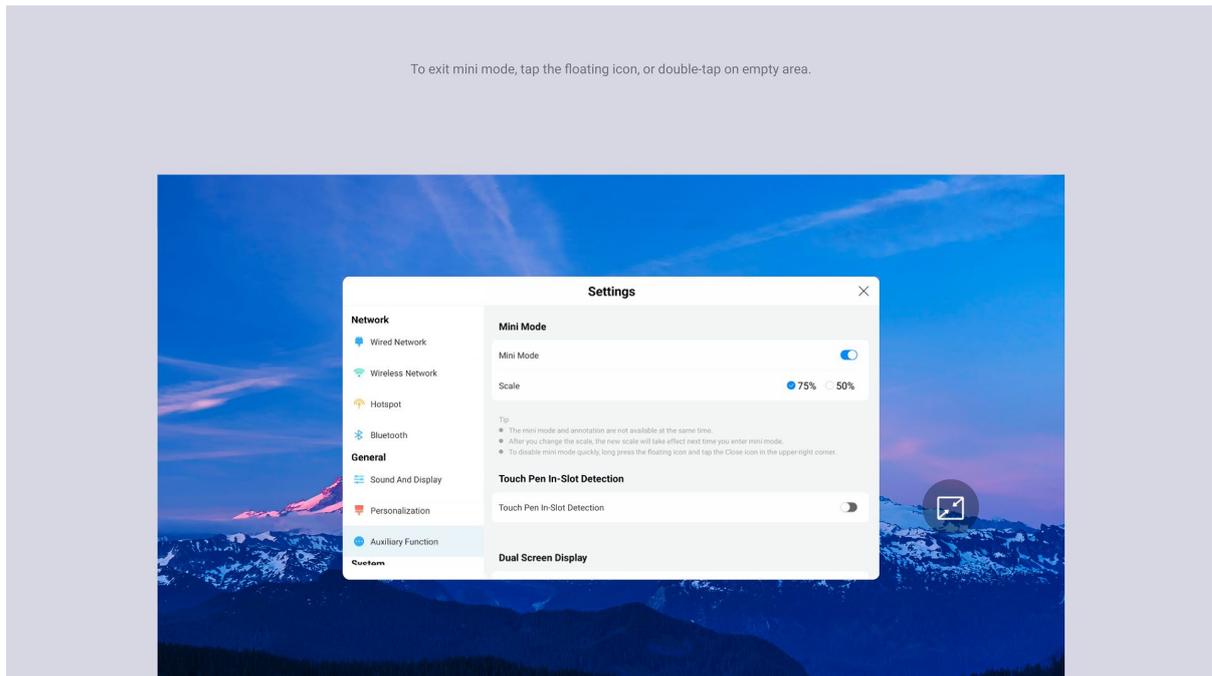
Enable **Mini Mode**. A floating icon  appears. Tap the icon to scale the screen to the preset size. When scaled, the sidebar tools are unavailable. To restore the screen to its original size, double-tap on any blank area.

To exit mini mode, you can disable **Mini Mode** directly, or tap and hold the floating icon and then tap .



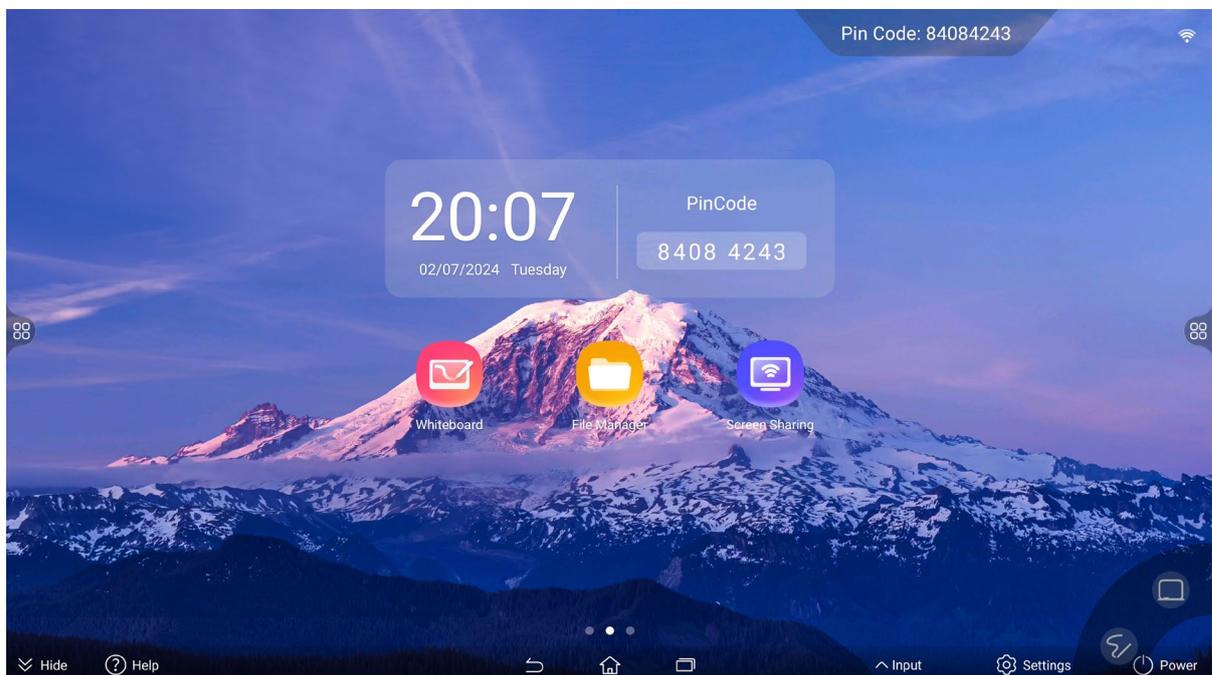
#### NOTE!

Mini mode is designed for easier operation of the display screen. If certain functions do not work properly in mini mode, please restore the screen to its original size.



### Touch Pen In-Slot Detection

This function is available on certain models only. When enabled, a pop-up shortcut window will appear at the bottom of the screen when you pick up the touch pen from the slot, providing quick access to [Annotation](#) and [Whiteboard](#).



### Dual Screen Display

When a monitor is connected to the interactive display's HDMI OUT or DP OUT port, the monitor displays the same contents as the interactive display.

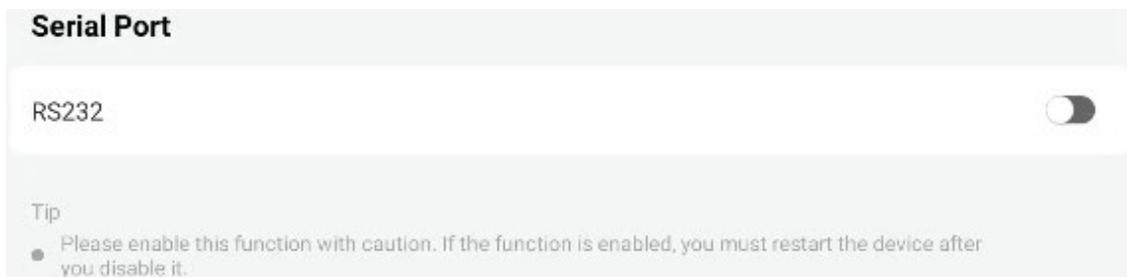
When the **Dual Screen Display** function is enabled, the monitor shows the screen (see [Wireless Screen Sharing Guide](#)), allowing you to mirror the screen of a mobile phone or a laptop to the monitor.

**NOTE!**

If both HDMI OUT and DP OUT ports are connected to monitors, the dual screen display function is available to only one monitor.

**Serial Port**

Enable **RS232**, connect your PC to the RS232 port of the display, and then you can issue the command to the display on your PC using the serial port tool (please contact us for the command document).



To close the function, disable **RS232** first, and tap **OK** on the pop-up window to restart the display.

**Tip**

To disable the function, you need to restart the device. Restart it now?

**CANCEL****OK****3.1.3 System****1. Date & Time**

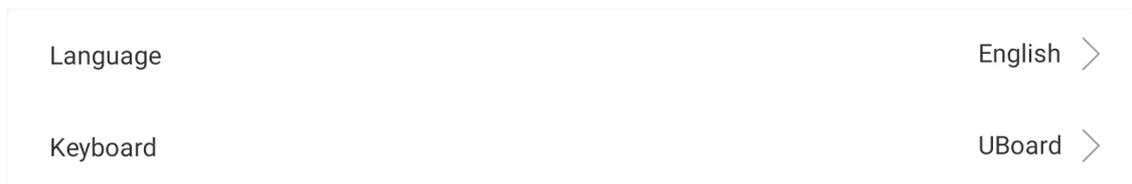
Enable **Auto Date & Time**, then the display can sync the date and time with the network. To manually set the date and time, disable **Auto Date & Time**.

The display uses 12-hour format by default, you can enable **Use 24-hour Format** to switch to 24-hour format.

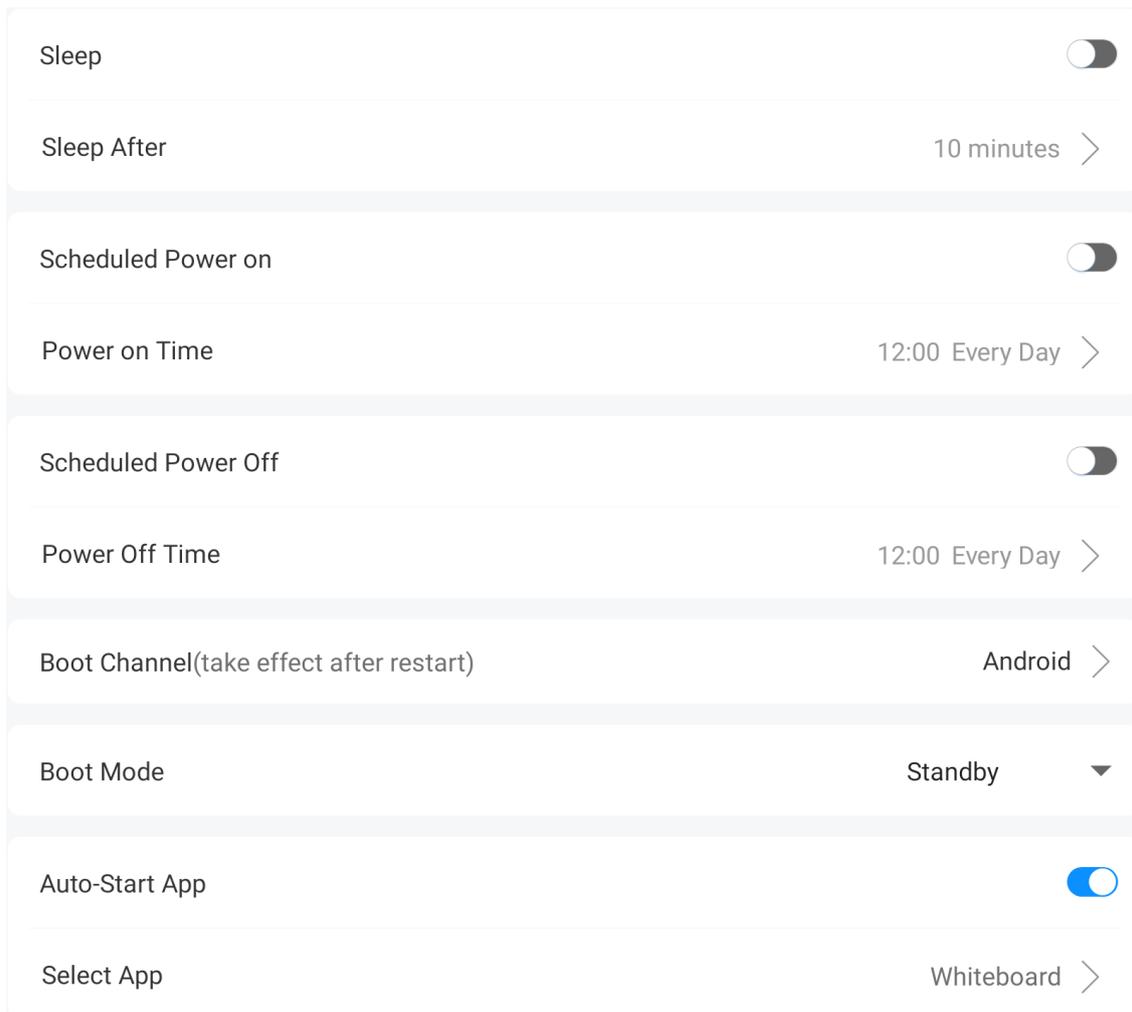


## 2. Language & Keyboard

View or change the currently used language and input method. You can install other input methods by downloading in the app store/browser or obtaining installation packages from a USB flash drive.



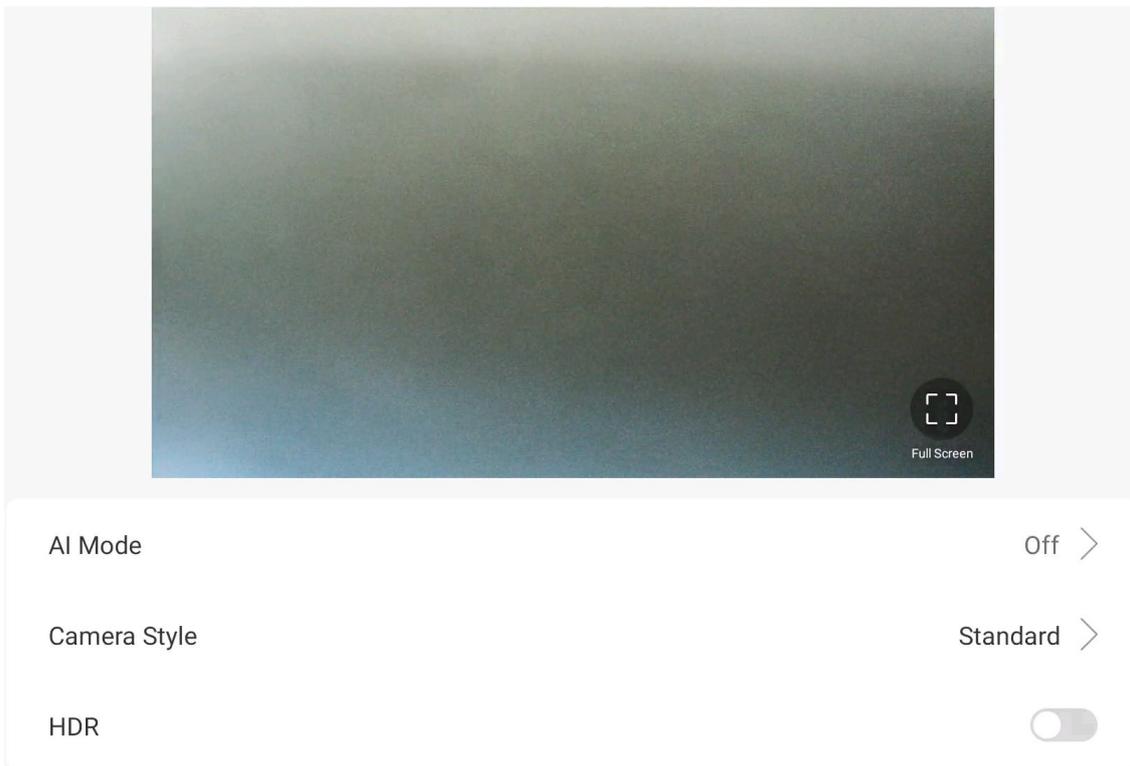
### 3. Power



Item	Description
Sleep	Set how long the display turns the screen off when you're no longer using it.
Scheduled Power On/Off	Set the time for the display to automatically turn on or off.
Boot Channel	Set the boot channel, including Android, OPS, etc. The corresponding screen will be displayed after startup.
Boot Mode	<ul style="list-style-type: none"> <li>● Standby: To start the display up, turn the power switch on and press the power button.</li> <li>● Normal: To start the display up, turn the power switch on.</li> </ul>
Auto-Start App	Select an application to launch automatically when the display starts up.

### 4. Camera

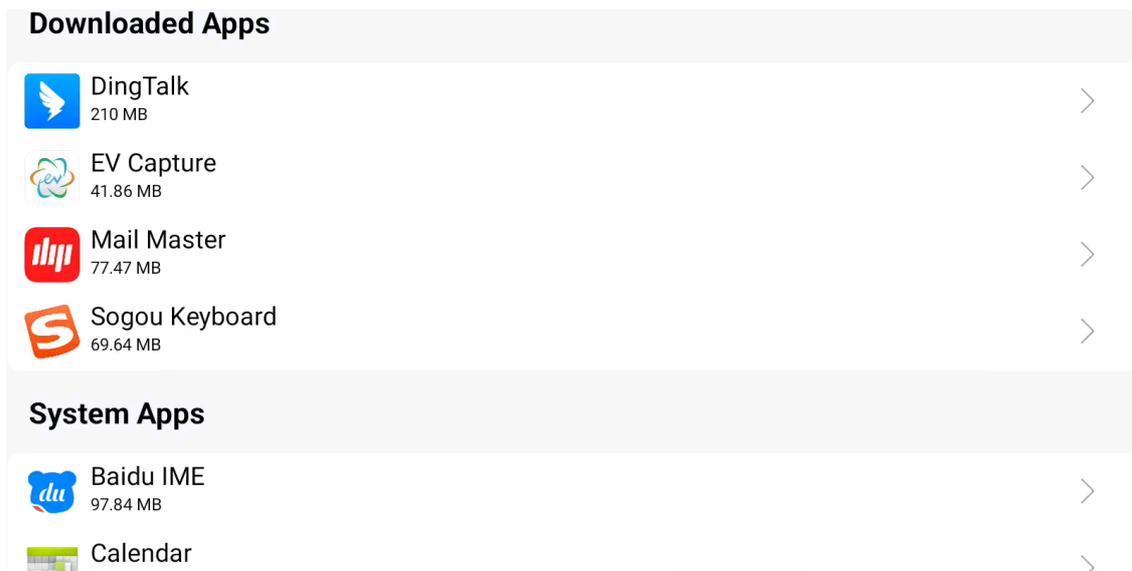
After the display is connected to Uniview camera module, the camera mode can be set and it will take effect in all apps that use the camera module.



Item	Description
Full Screen	Show the image in full screen to view the details.
AI Mode	<ul style="list-style-type: none"> <li>● Auto framing: Automatically identify everyone in the screen and zoom in them on the center.</li> <li>● Speaker tracking: Automatically identify the person who is talking in the screen and display his/her close-up.</li> <li>● Multi-window close-up: Automatically identify everyone in the screen and display their close-up images individually in the split screens.</li> </ul> <p><b>Note:</b> It is only available to the AI camera module.</p>
Camera Style	Set the image style.
HDR	High dynamic range imaging, used to improve the image brightness and contract ratio to deliver more image details.

## 5. Apps

View all apps installed on the display and detailed app information, clear app data and cache, etc.



## 6. Email Server

After the display's email account is configured, you can use the account to send the whiteboard contents to other mailboxes.

1. Enable SMTP server in the email that you use to obtain the authorization code.
2. Go to **Settings** > **System** > **Email Server**, enter the email account and authorization code, and then the SMTP server and port will be automatically generated. Tap **Configure** to set the email account, and the mailbox will receive the message after successful configuration.

Outbox account number	example@xx.com
Authorization code	<input type="password"/>
SMTP server	smtp.xx.com
Port	

Please go to the corresponding email address to obtain the SMTP authorization code and related information

## 7. Reset

Clear all data from the display's internal storage and restore the device to factory settings.



### **CAUTION!**

The reset operation cannot be undone.

This will erase all data from your device, including:

1. Photos, music, and user data
2. System and app data and settings
3. Downloaded apps

RESET

## 8. System Upgrade

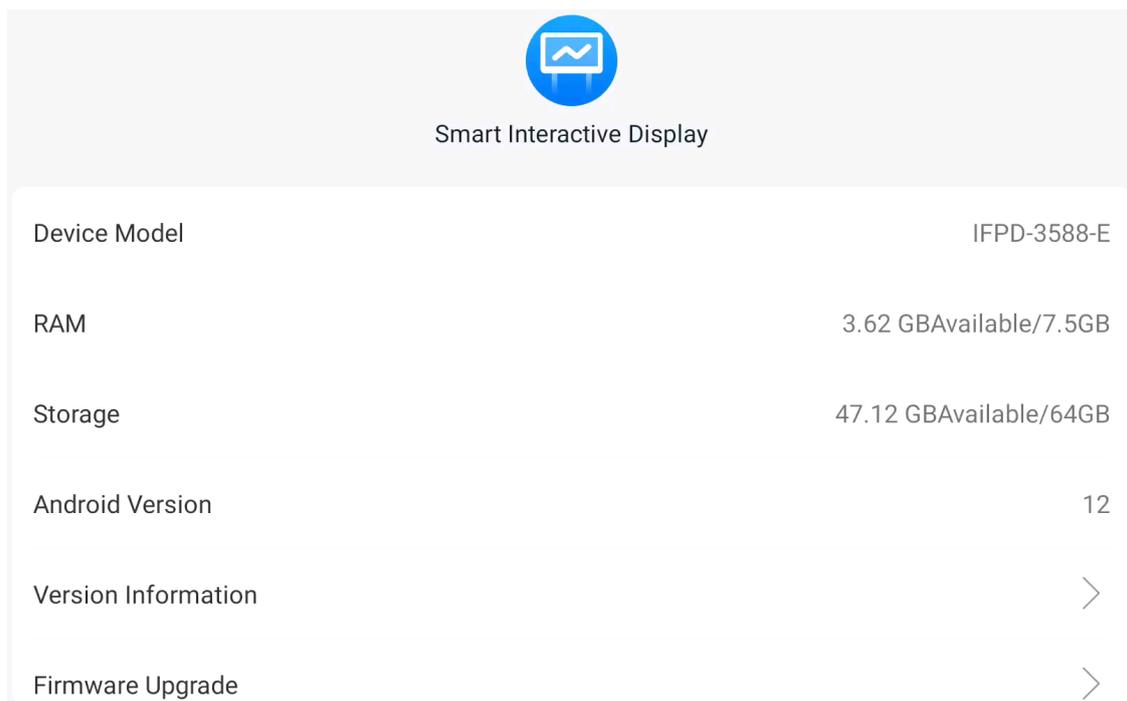
Upgrade the display system. Supports automatic upgrade and manual upgrade. See [System Upgrade](#) for details.

## 9. About

View the display information including name, model, etc.

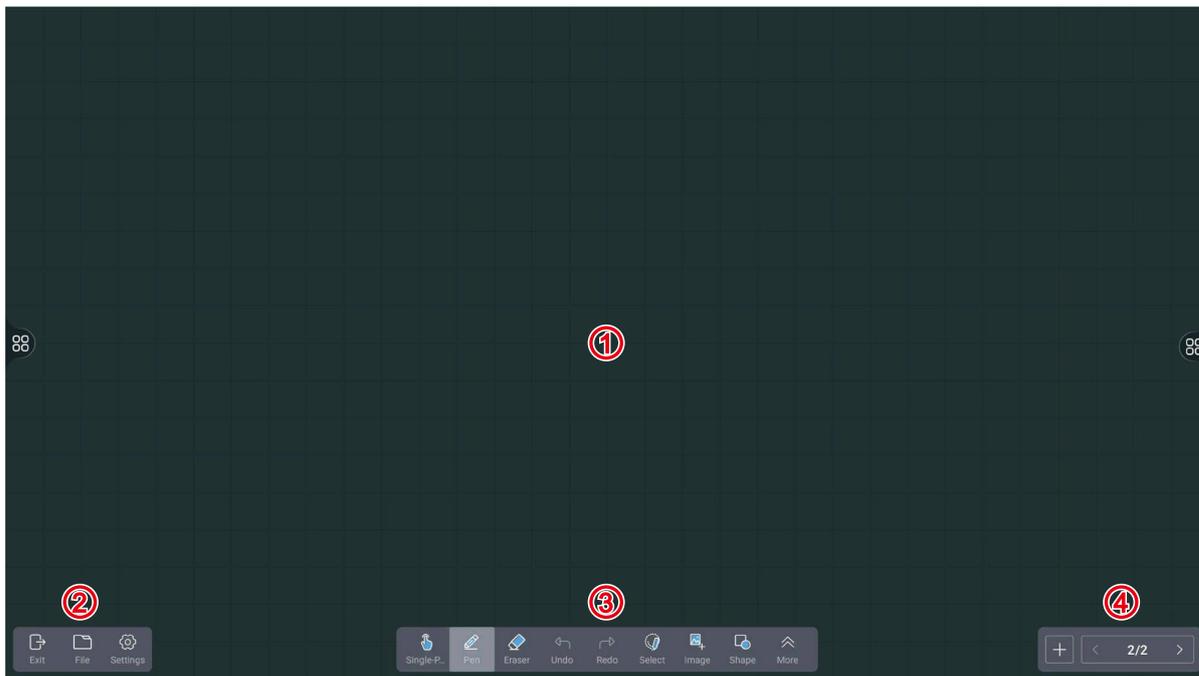
Tap **RAM/Storage** to free the running memory or clear all caches.

Firmware upgrade is available on certain models only. Tap **Firmware Upgrade**, and select an upgrade package based on the prompt for upgrade.



## 3.2 Whiteboard

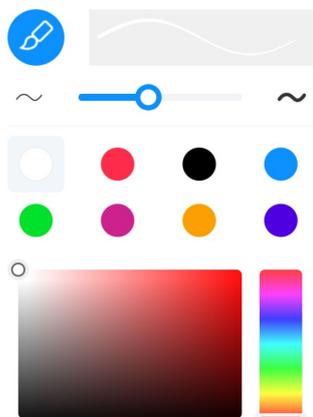
Tap  to open Whiteboard. You can write or draw on the whiteboard with your fingers or the stylus pen.



1. Canvas	2. Auxiliary tools	3. Writing tools	4. Page Tools
-----------	--------------------	------------------	---------------

### 1. Writing Tools

- : Single-point writing mode. Tap  to switch to multi-point writing mode.
- : Multi-point writing mode. Up to 20 points are allowed. Tap  to switch to single-point writing mode.
- : Pen. Set the pen style to write. In single-point writing mode, pinch in or out with your two fingers to zoom or move the selected contents.



- : Eraser. Erase what you've written.



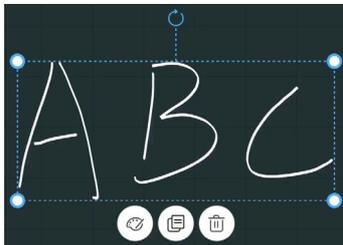
- : Set the eraser size and then drag the eraser over the contents you want to erase.
- : Circle the contents you want to erase.
- : Clear all contents on the current page.



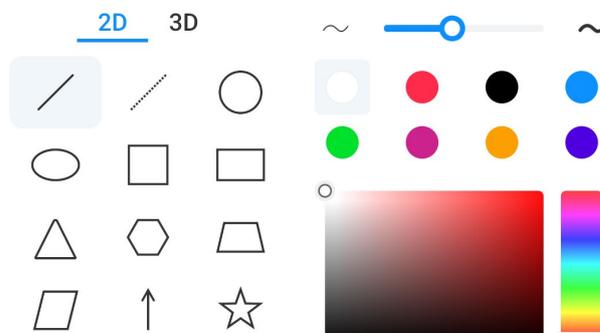
**NOTE!**

When **Erase with Hand** in [Auxiliary Tools](#) is enabled, you can use gestures to erase what you've written in writing mode. The erasure area depends on the touched area, such as the back of the hand, palm, etc.

- : Undo the last operation.
- : Redo what you've undone.
- : Select. Circle an area and perform move, copy, delete and other operations on it.

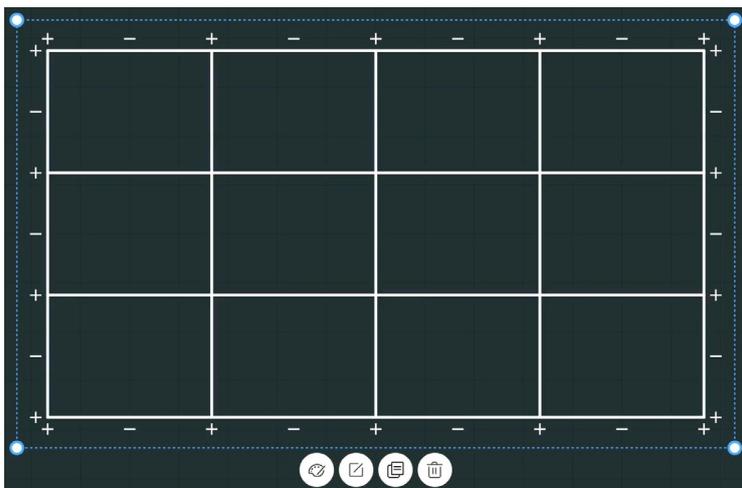


- : Insert images.
- : Insert shapes. Choose a shape and set the style, and then draw on the whiteboard.



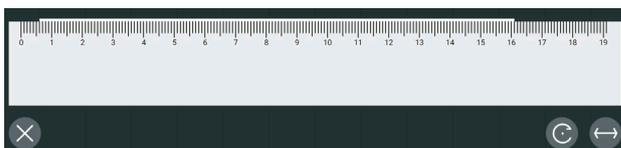
- : More tools. Show the unselected tools on the custom toolbar. See [Auxiliary Tools](#) for details.

- : Insert tables. You can write on the table, and edit, copy or delete the table.



- : Ruler. Insert rulers, protractors, and compasses to assist in drawing line, angles, and circles. You can drag, rotate, and stretch them as needed.

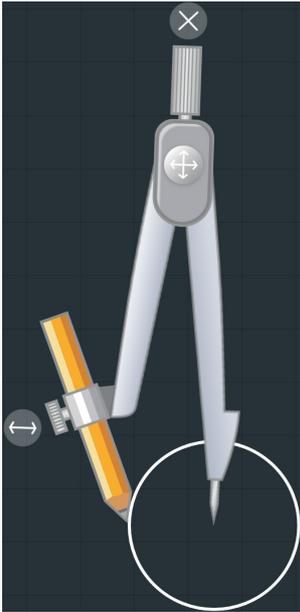
- : Straight/triangle ruler. Draw the precise straight lines along the scale marks on the ruler.



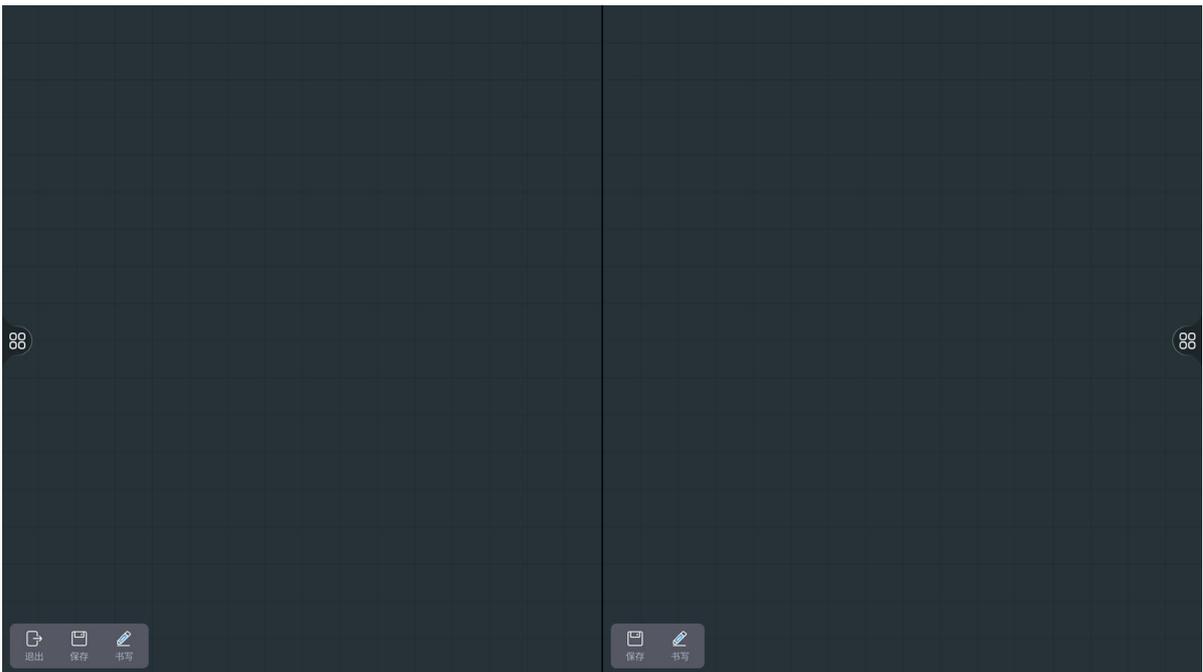
- : Protractor. Press and hold the blue circles of the two lines on the protractor, rotate the circles separately to adjust the angle, and tap  to complete the drawing.



- : Compass. Long press and drag outward  to change the radius size, then hold the pen and rotate to draw a circle.



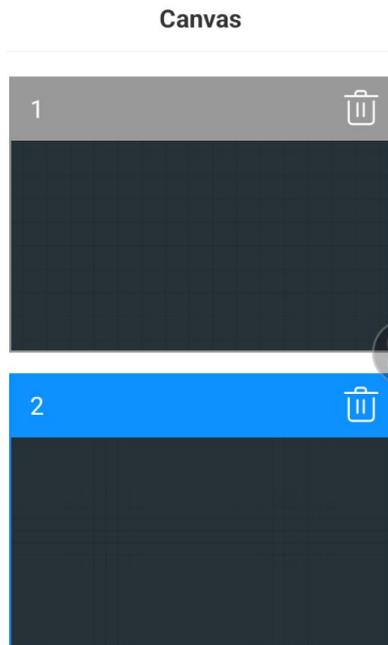
- : Split. You can divide the canvas into several parts to perform operations (single-point writing, erase with hand, and save) separately. Click  to exit the split mode.



## 2. Page Tools

- : Create a new page.
- : Previous/next page.

- : Current page/total number of pages. Tap to show the thumbnail of all pages. Tap a thumbnail to switch to the page. To delete a page, tap .



### 3. Auxiliary Tools

- : Exit Whiteboard.
- : Save the writing contents or share contents to phones or mailboxes.

- : Save all whiteboards as source files or images

Save Source File  Save as image

Save to  ...

File Name

Cancel

Save

- : Convert all whiteboards to images and share them via a QR code, and then others can view the whiteboard contents or save images by scanning the QR code. If you set a 6-digit password and click **ENCRYPT**, the shared content will be encrypted, and other users need to enter the correct password after scanning the QR code to view the shared content. If you close this QR code, click , and the QR code will be updated and restore the unencrypted state.



Enter 6-digit

ENCRYPT

- : Open and edit saved source files of whiteboards and annotations.
- : Email. After the mailbox is configured in [Email Server](#), all whiteboards can be converted into images and sent to the recipient's mailbox.

### Recipient

Recipient

Email Address

Subject

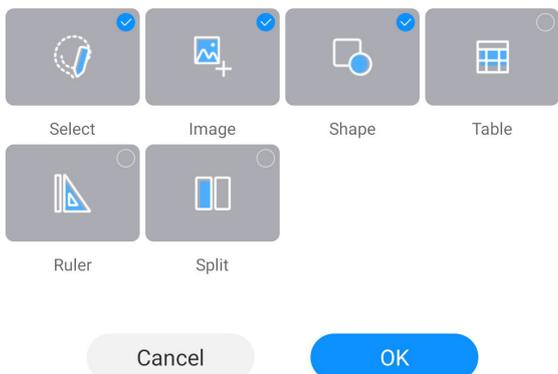
Meeting Minutes

SEND EMAIL

- : Print the whiteboard content after the display is connected to the printer in the same LAN.
- : Set the custom toolbar, enable OCR, set the writing background, etc.
- : Custom toolbar. Select the tool(s) you want to show in [Writing Tools](#) of Whiteboard.

### Custom Toolbar

Select the tools that appear in the toolbar. Unselected tools will be moved to More button.



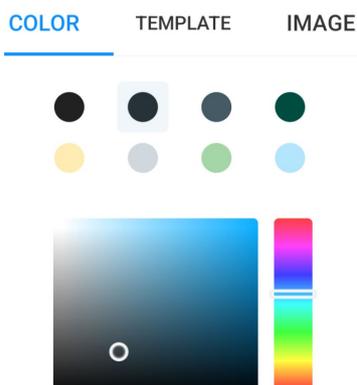
- : Erase with hand. When enabled, you can use gestures to erase what you've written in writing mode. The erasure area depends on the touched area, such as the back of the hand, palm, etc.

When disabled, you can only write on the whiteboard with your fingertip in writing mode.

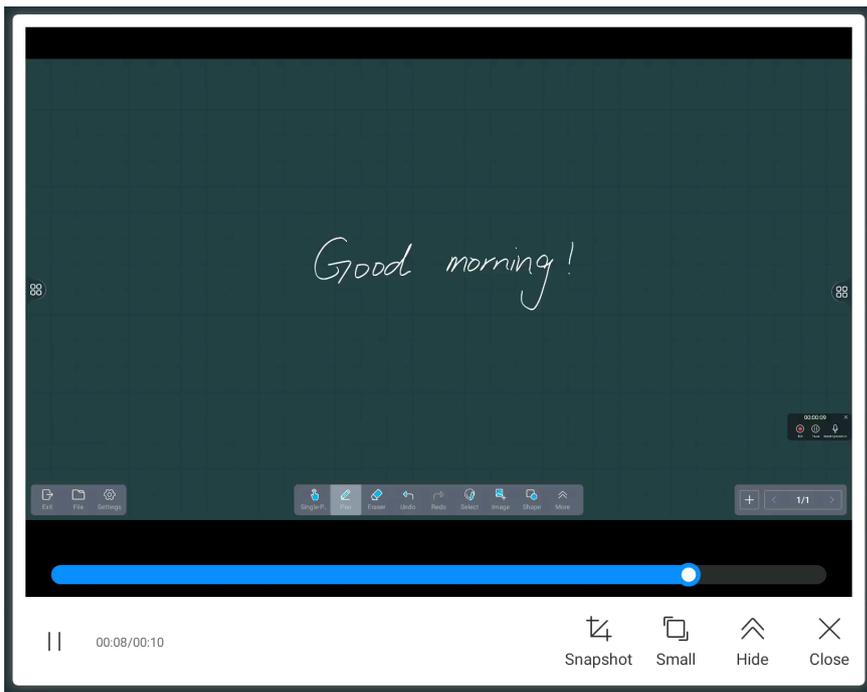
- : OCR. Enable **OCR**, tap **OCR Config** to select the language you want to recognize, and then the characters written in the single-point mode can be recognized and converted into texts.



- : Set the background style of the writing.



- : Functions that are testing.
  - Insert a document, web page, or video, and operate those items including deletion, edition, etc.



- Double-color pen: Show two colors based on the area size of the recognized writing point (two ends of the pen, or finger touch area).



### 3.3 Screen Sharing

Tap  to open Screen Sharing. Follow the on-screen instructions to start screen sharing from phone or PC.

For displays that support NFC scanning, you can follow these steps to start screen sharing:

1. Turn on the hotspot on the display.
2. On an Android phone, download the screen sharing app and enable wireless network and NFC function on the phone.
3. Place the back of your phone near the NFC sensing area of the display.
4. The phone will automatically open the screen sharing app and connect to the display's hotspot. Follow the on-screen instructions to complete the screen sharing.

### Wireless Screen Sharing Guide

Pin Code: 84084243    PinCode: 84084243  
⚙️ Settings

#### Windows

**USBDisplay mirroring**

- ① Insert the dongle into the display, and then remove it after successful pairing
- ② Insert the dongle into the PC, and then press the button on the dongle after being prompted that the PC is ready to share

**Client mirroring**

- ① Connect the PC to network [MWU-E 29863911](#)
- ② For first use, access browser to download and install WiFiDisplay on the PC  
Access address: <https://global.uniview.com/DSC/>
- ③ Open WiFiDisplay, select [MWU-E 29863911](#) and click Share Screen

#### Android

- ① Connect [MWU-E 29863911](#)
- ② For first use, scan the QR code below to download and install UniShare on the phone
- ③ Open application, select [MWU-E 29863911](#) and click Share Screen



Please scan the QR code to cast screen

#### ios/Mac

- ① Connect [MWU-E 29863911](#)
- ② Open Control Center and select **Airplay**
- ③ Select [MWU-E 29863911](#) to start screen sharing



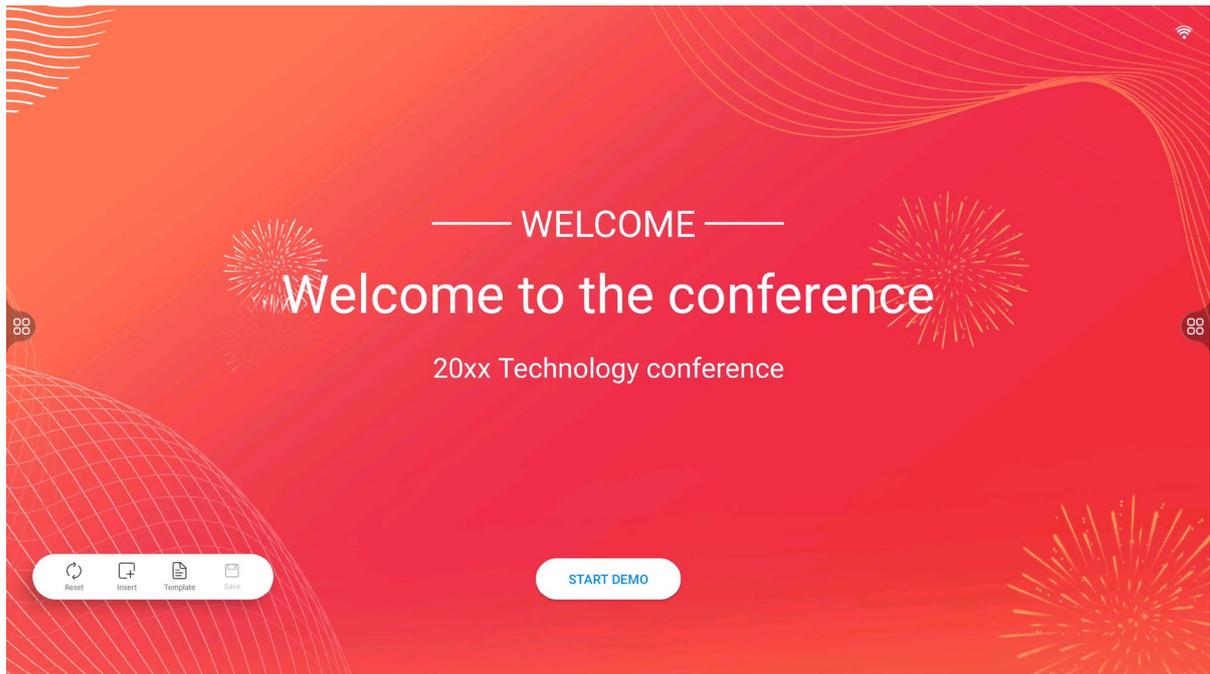
AirPlay's name and icon may vary with iOS version

Item	Description
Screen sharing code	Enable <b>Pin Code</b> in  to show the code. Enter the code in the screen sharing client for screen sharing.
	Screen sharing settings.

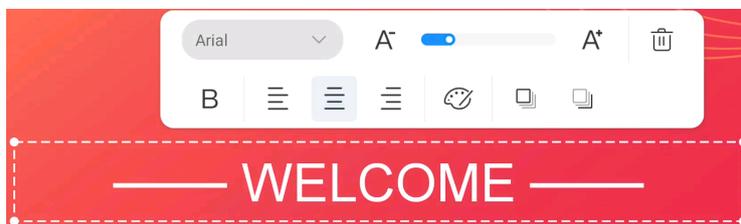
## 3.4 Welcome



Tap or swipe right on the home screen to open Welcome. You can design the page style to welcome visitors or show activities. Tap **START DEMO** to display the designed page. Double tap the Welcome page to exit the demo.



- : Reset the current page to its initial state.
- : Insert custom texts, or change the background image.
  - : Insert a text box, and edit the text content and style.



- : Insert an image, set a background music, or change the background image: Open the file folder and select the file you want to use in the welcome page.
- : Change template.

Except for custom templates, each type comes with three templates, which cannot be deleted and do not require downloading. Click a template to switch to the corresponding style.

To download a template, click . After the download is complete, click the template to switch to the corresponding style. To delete a downloaded template, click , and the template status changes back to “not downloaded”. You can click  to download it again when needed.



**NOTE!**

Only the downloaded templates are displayed when there's no network connection. A network connection is required if you want to use more templates.

**Template**

MEETING
CELEBRATION
WELCOME
CUSTOM

- : Save the current style as a custom template.

Save Template

Save to Custom

File Name

**CANCEL**

**OK**

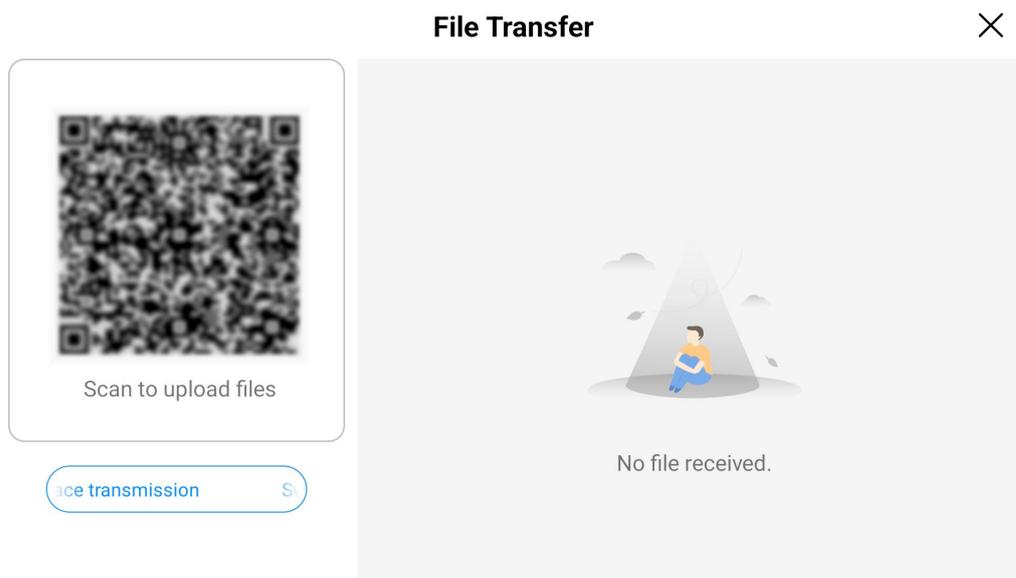
### 3.5 File Transfer



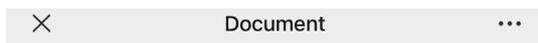
Tap to open File Transfer. You can upload images or files to the display quickly. For the phone and display, when they are connected to the network, the online transmission mode can be used; when one of them or they are not connected to the network, the face-to-face transmission mode can be used.

#### Online Transmission

1. Scan the QR code with your phone to upload images or files.



2. Select the image or file you want to upload to start uploading. The uploaded image or file will be shown on the display synchronously, and automatically saved to the internal shared storage space in File Management.



You can send images and files to the smart interactive display.



Image



File

3. Select and tap the received file, and you can open or delete the file, as well as open the file location.

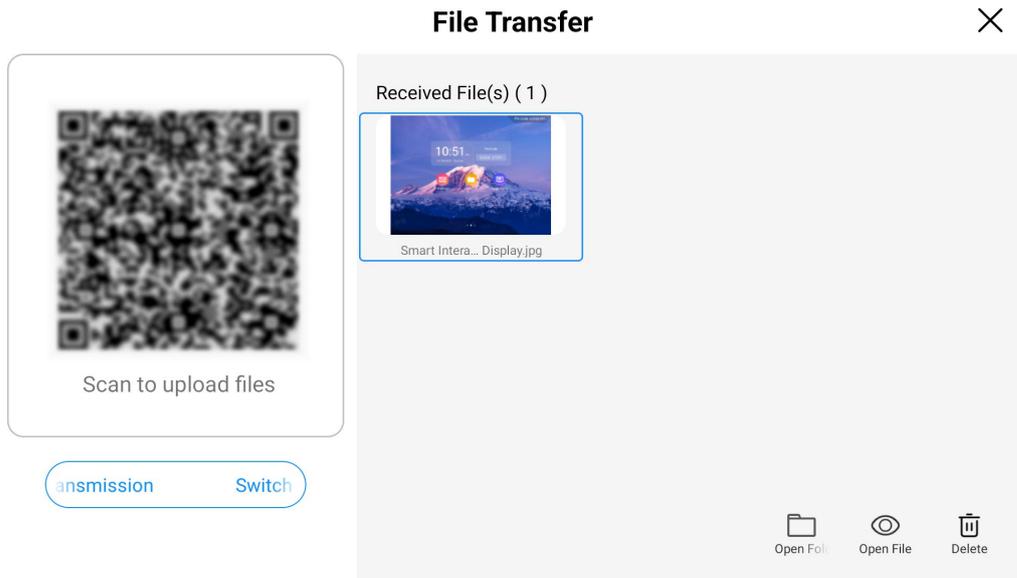


---

**NOTE!**

The received images or files will be automatically saved. The deletion operation can only clear them from the file list of File Transfer, but not delete image or files saved in the display.

---



4. Tap **X** to close File Transfer, and all the uploaded images or files will be cleared.

### Face-to-Face Transmission

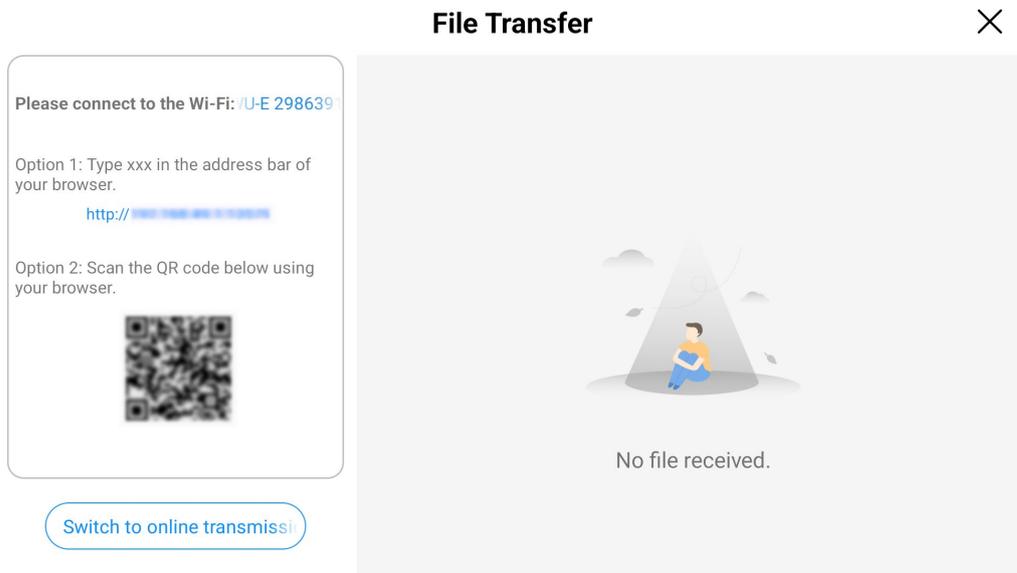
1. Connect your phone to the hotspot of the display.



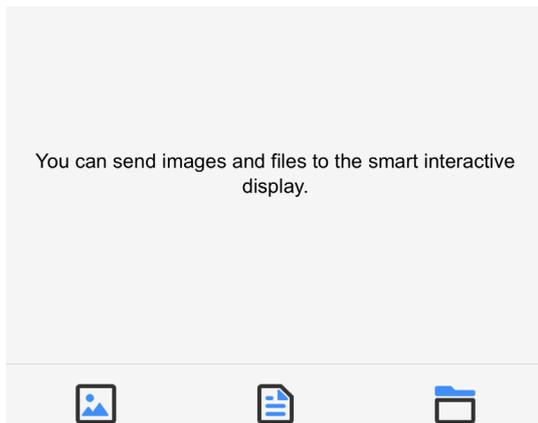
**NOTE!**

The face-to-face transmission can be used when the display has no network connection.

2. Follow the prompts on the screen to type the address in your browser or scan the QR code with your phone.



3. Select the image, text, or file you want to upload to start uploading. The uploaded attachments will be shown on the display synchronously, and automatically saved to the internal shared storage space in File Management.

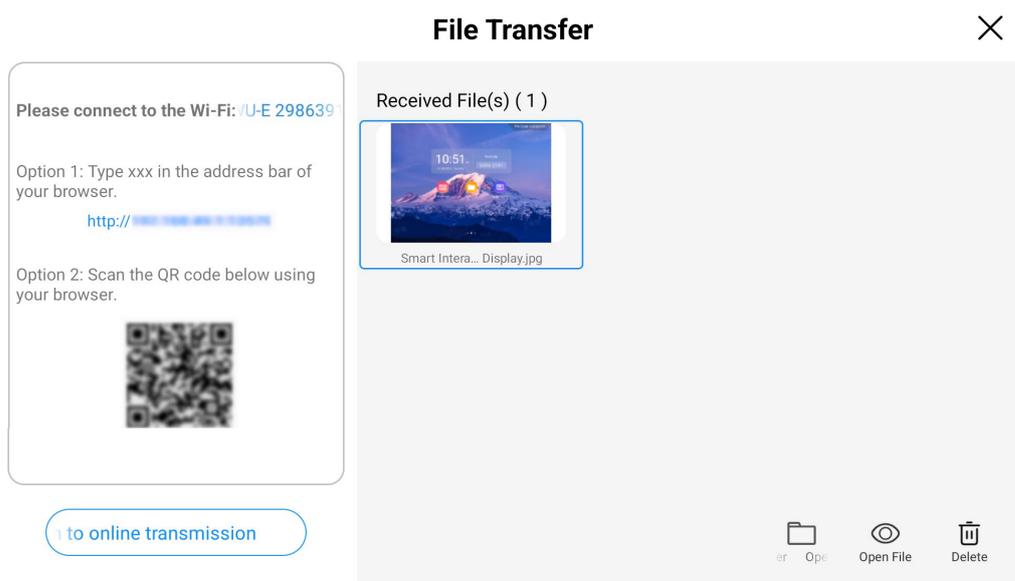


- Select and tap the received file, and you can open or delete the file, as well as open the file location.



#### NOTE!

The received images or files will be automatically saved. The deletion operation can only clear them from the file list of File Transfer, but not delete image or files saved in the display.

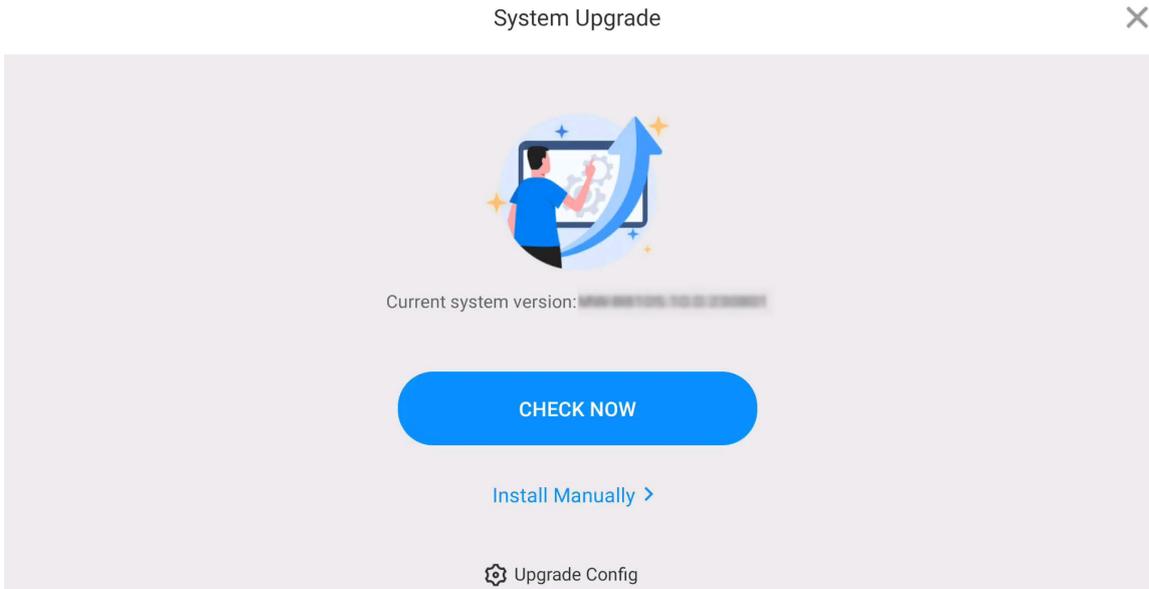


- Tap to close File Transfer, and all the uploaded images or files will be cleared.

## 3.6 System Upgrade

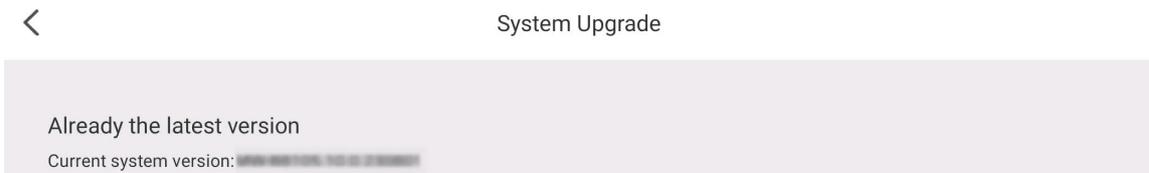


Tap to open System Upgrade. You can upgrade the display system via the automatic or manual methods.

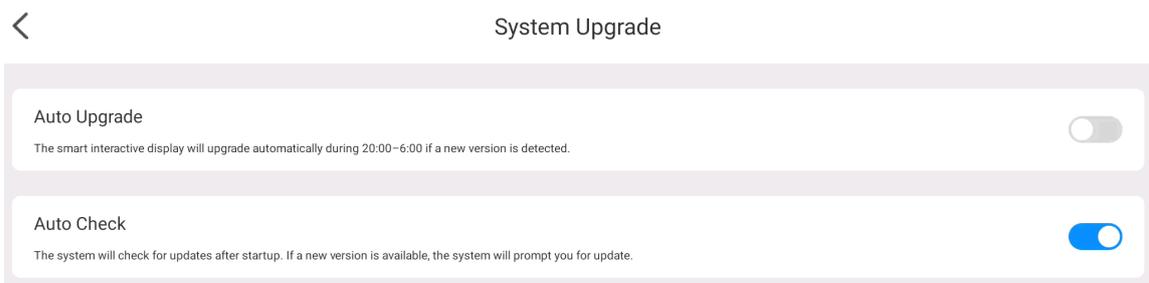


### Auto Upgrade

- Method 1: Tap **Check Now** to see whether a new version is available. If there is no new version, you will be prompted that the system is up to date. If a newer version is displayed, download and install it.



- Method 2: Tap **Upgrade Config** to set auto check and auto upgrade.



- Auto Upgrade: The system will auto check for the new version during 20:00 to 6:00. If a new version is detected, it will be automatically downloaded and the system will prompt you to update. Tap **UPDATE NOW** or if there is no operation within 20 seconds, and then the system will be upgraded automatically.

### Ready for Update

The latest version has been downloaded. Upgrade now?



- **Auto Check:** The system will automatically check for the new version after the display starts up. If a new version is detected, the system will prompt you to upgrade. Tap **OK** or if there is no operation within 30 seconds, and then the system will be automatically upgraded.

Tap **Ignore**, and then the system will prompt you to upgrade until the next new version is detected.

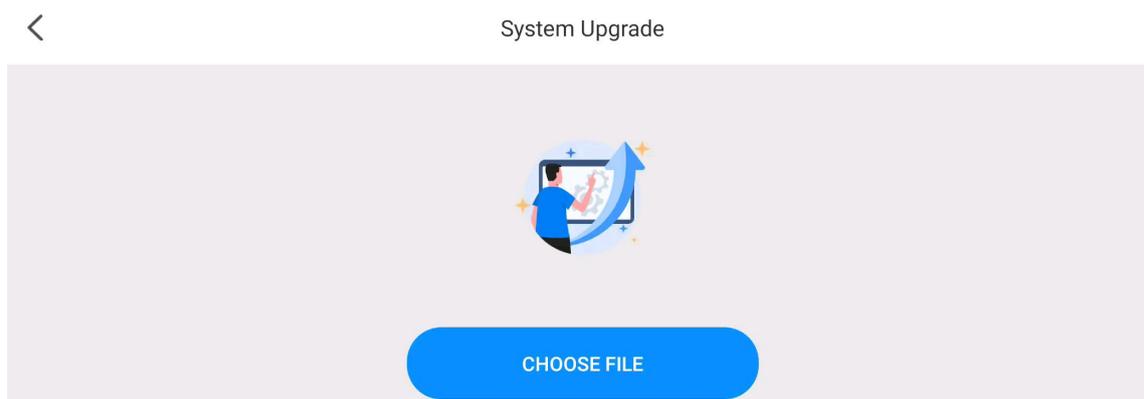
### System Upgrade

A new version is available. Update now?



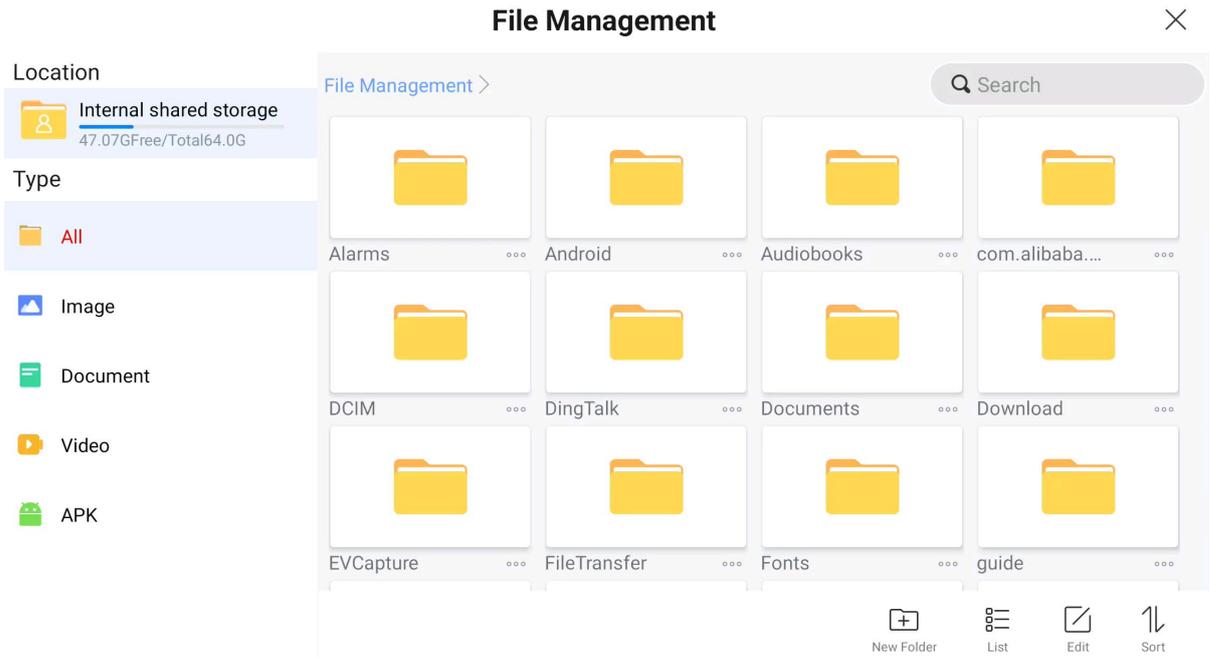
### Manual Upgrade

Import the installation package to the display, tap **Install Manually**, and select the upgrade file to start upgrade.



## 3.7 File Management

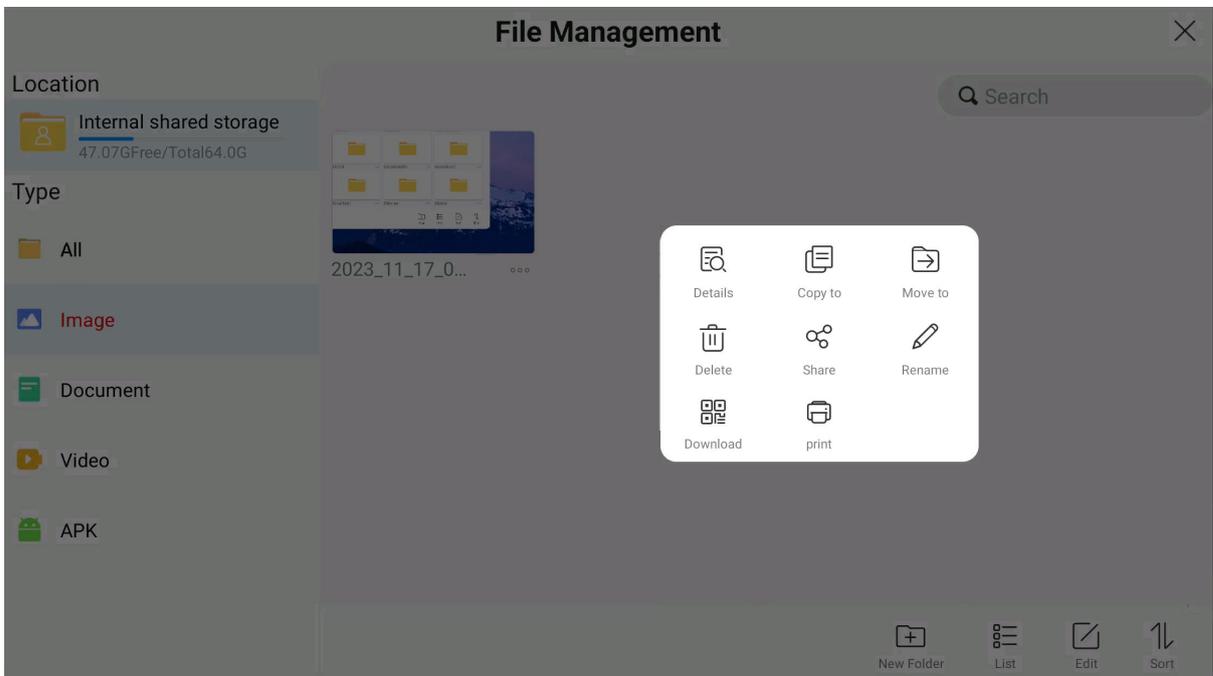
Tap  to open File Management. You can search and view the item contents. You can also tap an item or select multiple items to operate it or them



Item	Description	Item	Description
New	Create a new folder.	List/Tile	View items in list/tile mode.
Edit	Edit mode.	Sort	Sort items.

### Management for One Item

Tap  in the lower right corner of the item.



Item	Description	Item	Description
Details	View item information such as size, location, etc.	Copy	Copy the item.
Move	Move the item.	Delete	Delete the item.

Item	Description	Item	Description
Share	Share the item.	Rename	Rename the item.
Download	Scan the QR code with your phone and download the item to your phone	Print	Print the item after the display is connected to the printer on the same LAN.

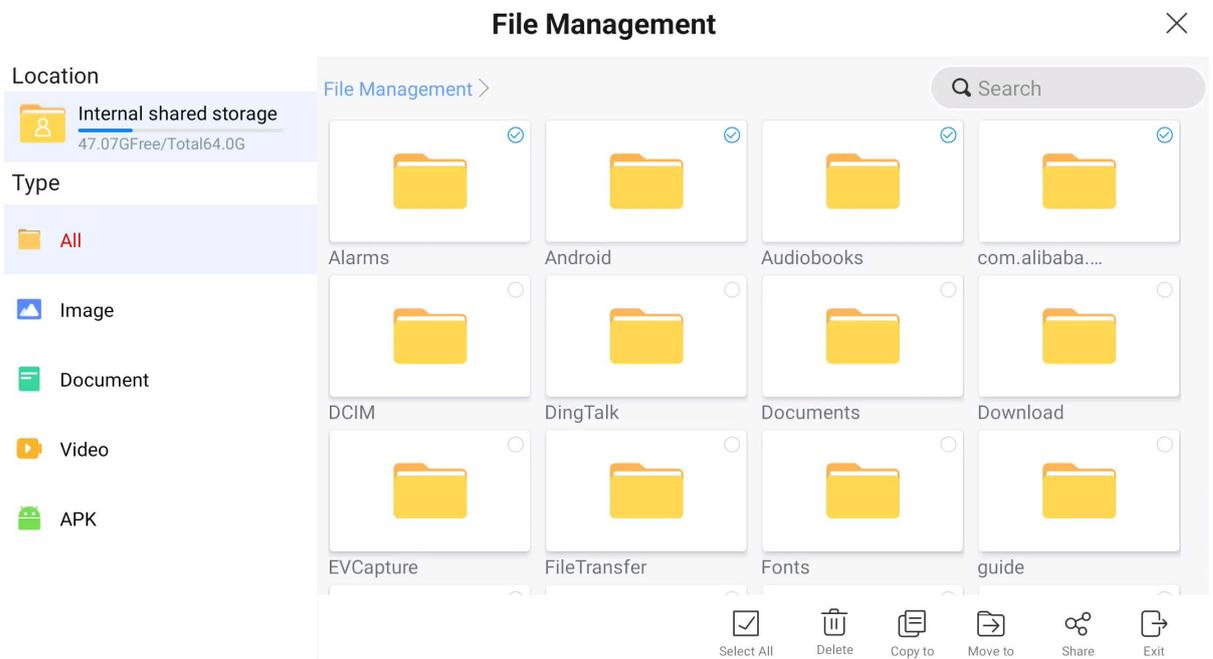


**NOTE!**

Only PDF and image support print function.

**Management for Multiple Items**

Press and hold on an item or tap to edit it. Select the desired items or tap to select all items, then you can perform delete, copy and other operations on them. To exit editing, tap .



**3.8 Centralized Control Assistant**

Tap to open Centralized Control Assistant. You can associate the display with the centralized control assistant, and control the display including shutdown, restart, etc. through the app. For detailed operations, see the corresponding user manual.

## Centralized Control Assistant



Department ID:

Please Enter a 6-digit Department Code

Device Name:

Smart Interactive Display

Associated Devices