



DISPLAYS2GO

Interactive Whiteboard User Manual

Version: V1.01



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. Contact Displays2go 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.

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 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.

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1 Overview

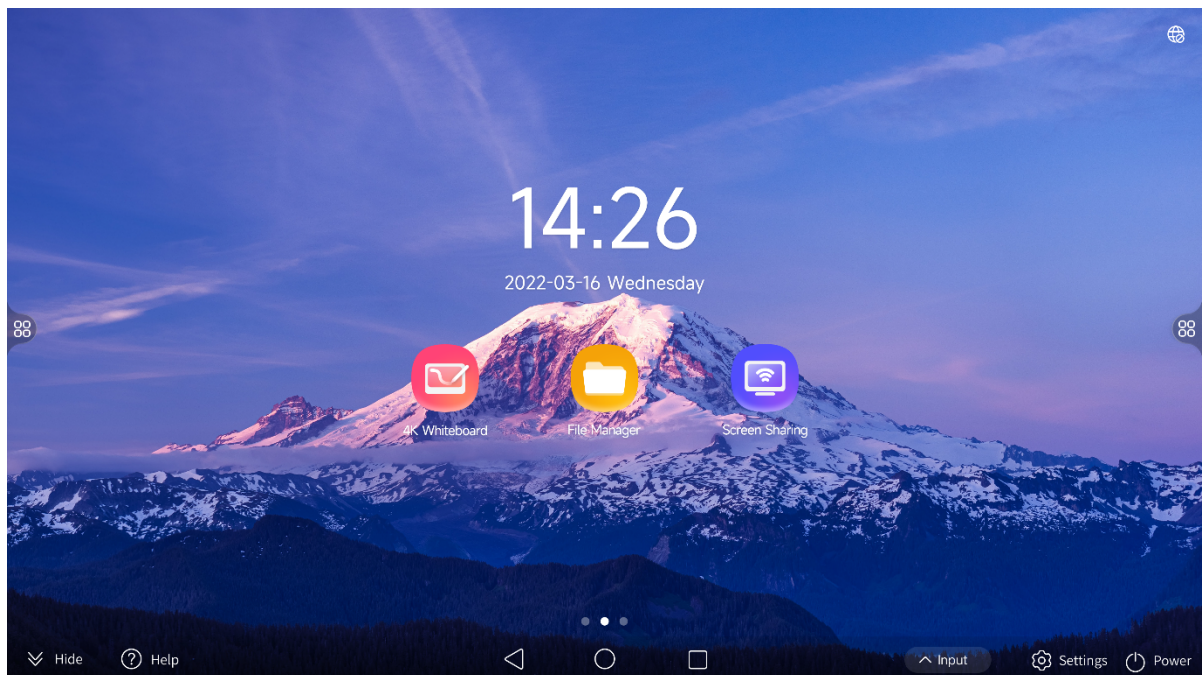
This Interactive Whiteboard has a UHD anti-glare screen, integrates multiple functions such as smart writing, screen sharing, and video conferencing, has speakers, stylus pens and a built-in Android system, and supports an optional OPS module for a dual-boot of Windows and Android, providing an efficient and smart meeting environment and realizing smart office throughout workflow.

2 System

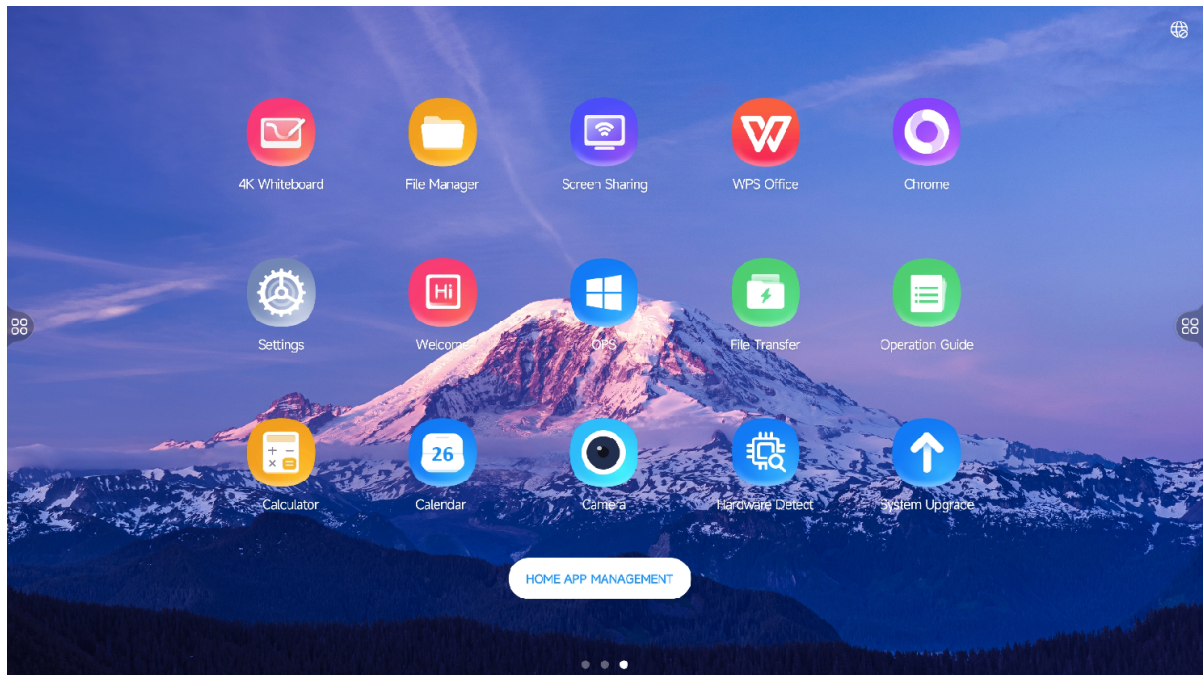
The device shows the home screen by default after startup.














2.1 Icons

Home Screen




Apps



Icon	Description
	View the current network status.
	Tools such as Annotation, adjust screen brightness and sound volume.
	View the current screen location.
	Hide the navigation bar.
	View tutorial videos, operation guides, and FAQs.
	Return to the previous screen.
	Return to the home screen.
	View running apps and switch between them.
	Switch input sources.
	Set network, display, sound, etc.
	Sleep/restart/shutdown.
	Set apps displayed on the home screen.
	Google Play Store

2.2 Gestures

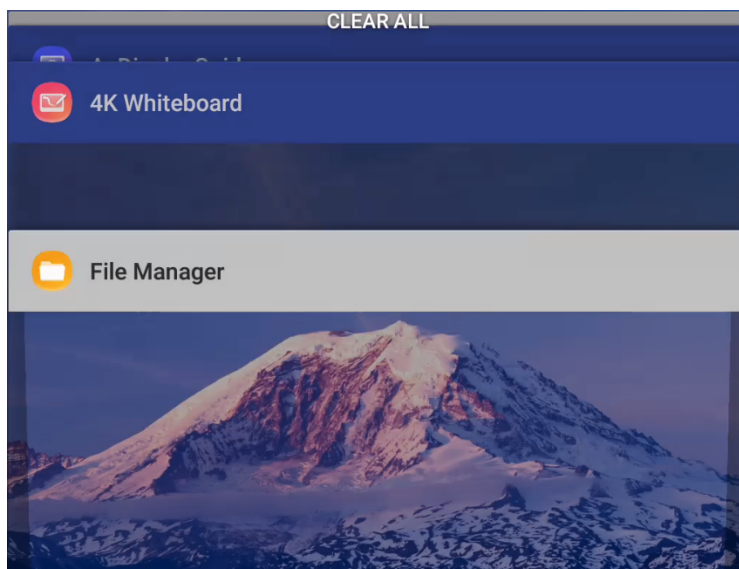
Gestures are supported to interact with the device.

- Swipe up from the bottom edge of the screen to open the navigation bar, swipe down or tap  to hide the navigation bar.
- Swipe inward from the left/right edge of the screen to open the sidebar.
- Swipe right on the home screen to open Welcome.
- Swipe left on the home screen and then swipe up/down to view all apps.

2.3 App Management

1. Multi-task Management

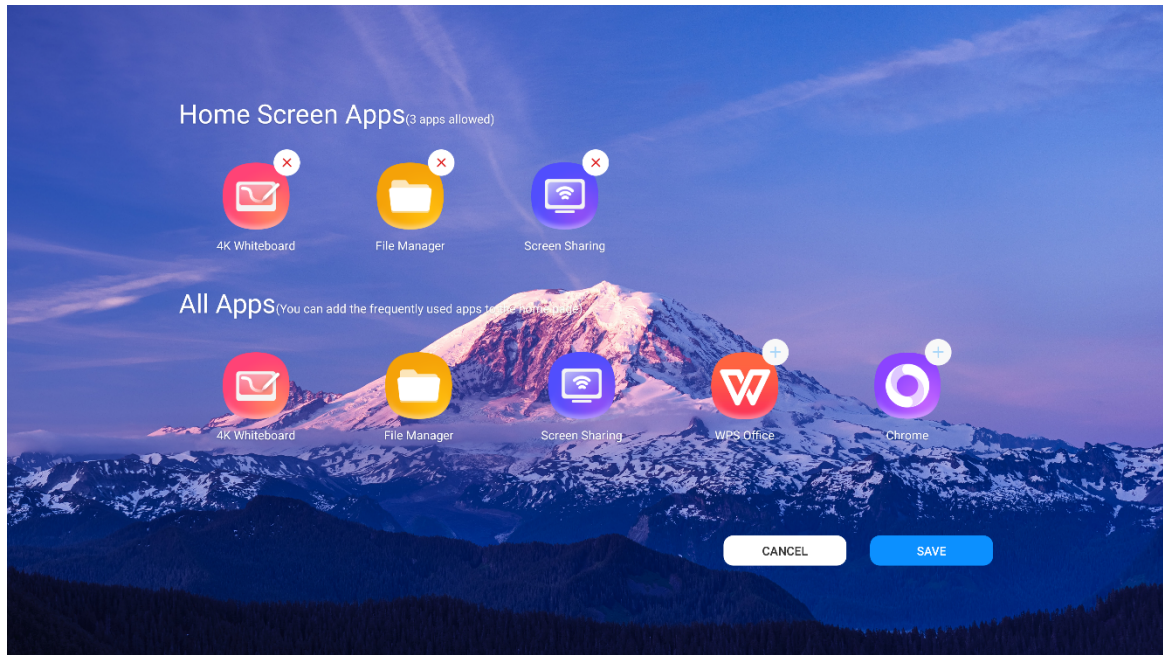
Tap .





- Swipe up/down to view all running apps.
- Tap an app to switch to it.
- Drag an app left/right to close it.
- Tap **CLEAR ALL** to close all running apps.

2. Home App Management

Swipe left on the home screen and tap **HOME APP MANAGEMENT** to manage the apps displayed on the home screen.




- Home Screen Apps: View apps displayed on the home screen. To delete an app from the home screen, tap .
- All Apps: View all apps installed on the device. To add an app to the home screen, tap .




NOTE!

Up to 3 apps are allowed on the home screen.

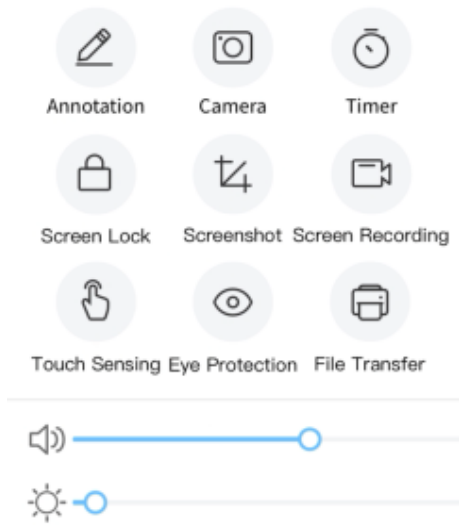
3. Uninstall Apps

Swipe left on the home screen, touch and hold on the app you want to delete, and then tap .

2.4 Tools

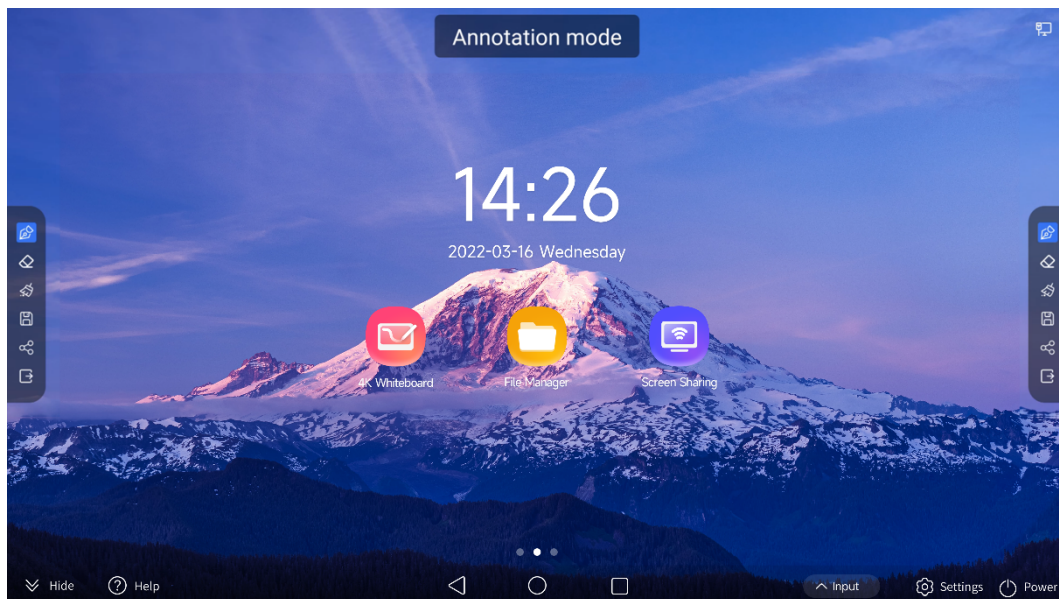
Tap  on the left or right side of the screen to open Tools.





Tools





1. Annotation

Make annotations on the current screen.



- : Write or draw on the screen.
- : Erase annotations as desired.
- : Clear all annotations.
- : Save annotations.

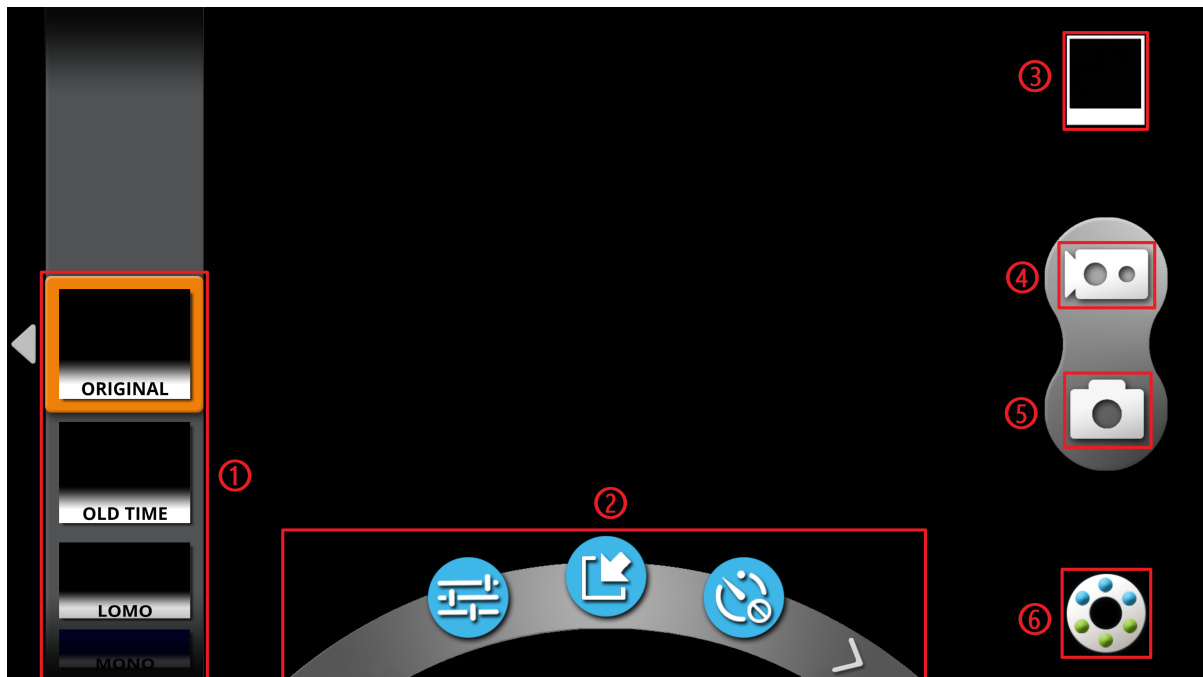
- : Share annotations via a QR code, and others can view the annotations by scanning the QR code. You can also encrypt the shared annotations.
- : Exit Annotation.

2. Camera







NOTE!

An external camera is required for this feature.






No.	Description	No.	Description
1	Filter	2	Toolbar
3	Thumbnail	4	Video
5	Photo	6	Toolbar button



- : Adjust contrast, brightness and saturation.
- : Insert images. You can apply a filter to the inserted image.
- : Timed shooting.

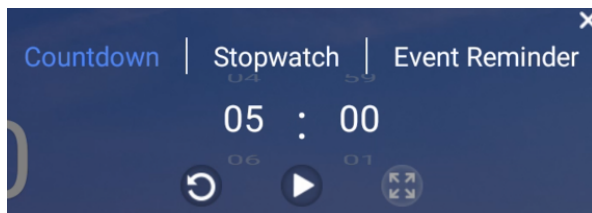
Tap  or swipe on the toolbar to view more tools.




- : Focus.

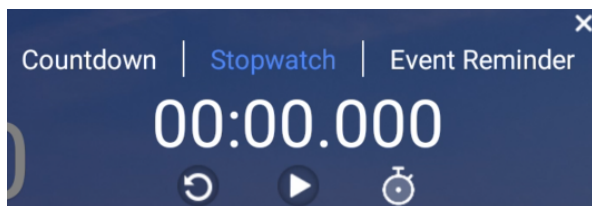
- : Automatic white balance. Adjust color casts under different light conditions.
- : Zoom.
- : Set aspect ratio, resolution, etc.

3. Timer

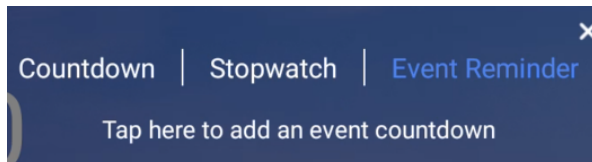
- Countdown: Tap  to set a time and then tap  to start countdown.



- Stopwatch: Tap  to start, tap  to stop, tap  to reset.



- Event Reminder: Tap **Tap here to add an event countdown** to set a date to start countdown.



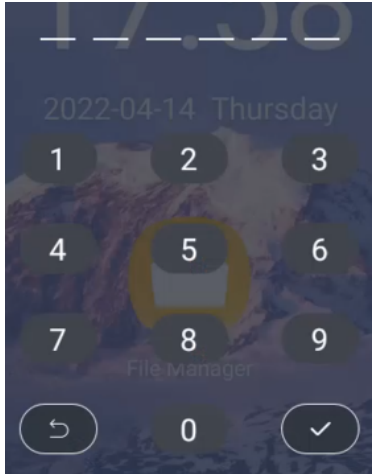
4. Screen Lock

Tap **Screen Lock** to lock the screen. To unlock, enter the password.

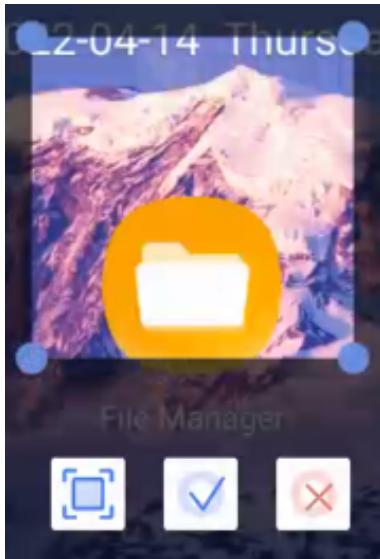




NOTE!



If no screen lock password is set, the password setting screen appears after you tap **Screen Lock**.



5. Screenshot






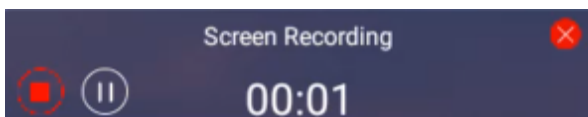
- Partial screenshot (default): Drag the corners of the screenshot box to select the area to take a screenshot of. To switch to full screenshot mode, tap .
- Full screenshot: Take a screenshot of the whole screen. To switch to partial screenshot mode, tap .

Tap  to save the screenshot. Tap  to cancel screenshot.

6. Screen Recording

Record the screen.

Tap  to start recording. Tap  to pause recording. Tap  to end recording.



7. Touch Sensing

When enabled, you can tap on the screen to dim it, and the brightness restores automatically in 3s if you have no operation.

8. Eye Protection

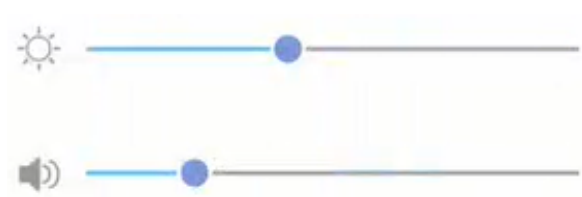
Eye protection mode automatically adjusts the color tone of the screen to protect your eyes.

9. File Transfer

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



10. Volume & Brightness Adjustment

Drag the slider to adjust the brightness or volume.

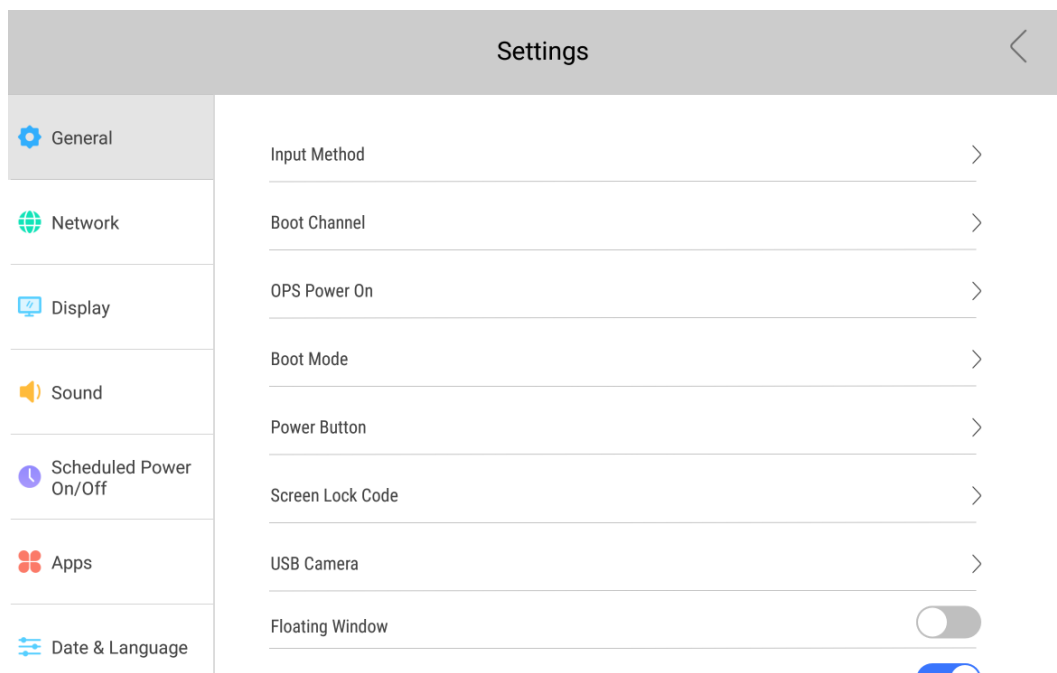


3 Apps

3.1 Settings

Tap  or  to configure general settings, network, display, etc.

3.1.1 General Settings



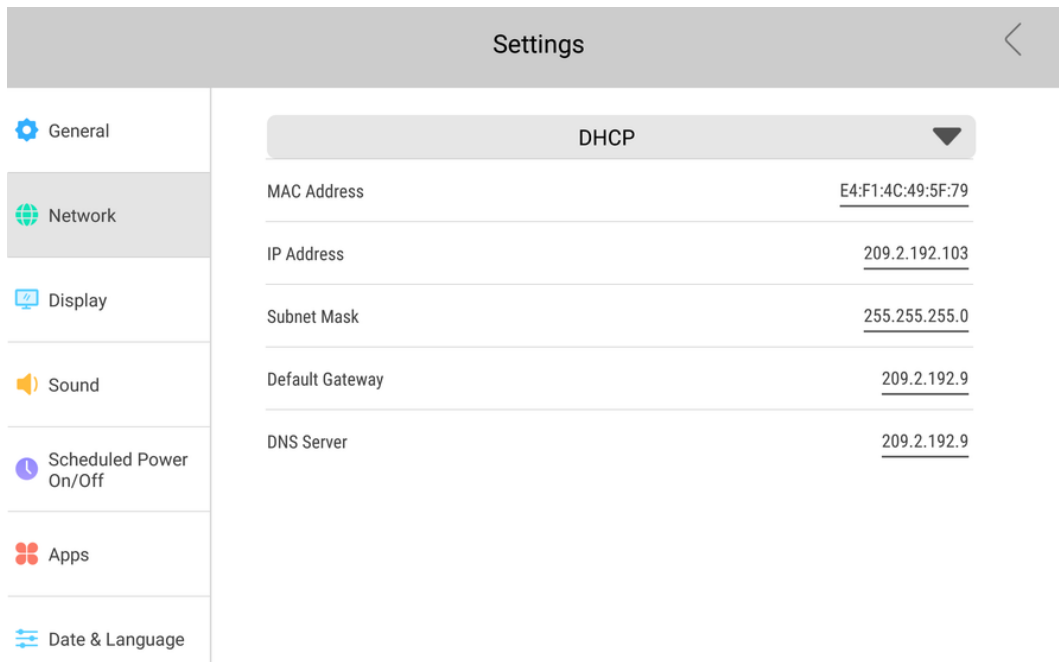
Item	Description
Input Method	View and set the input method (Gboard by default). You can install other input methods by downloading them in the browser or importing them from a USB flash drive.
Boot Channel	Set the boot channel, including Android, Windows, etc.
OPS Power On	<ul style="list-style-type: none"> Any Input Source: OPS module is automatically powered on for any input source. Windows Only: OPS module is automatically powered on for Windows input only. Note: After the OPS module is powered on, if you switch the signal source of the device to Windows, the device will instantly enter the corresponding screen.
Boot Mode	Select how to start up the display after power-on. <ul style="list-style-type: none"> Normal: To start up the display, turn the power switch on or press the power button. Standby: To start up the display, turn the power switch on and press the power button. Memory (default): <ul style="list-style-type: none"> If you shut down the display by turning the power switch off, then you just need to turn the power switch on to start up the display. If you shut down the display by tapping Power on the screen or press the power button, then you need to turn the power switch on and press the power button to start up the display.
Power Button	Set power button options. <ul style="list-style-type: none"> Shutdown. Sleep/Restart/Shutdown.
Screen Lock Code	Set the screen lock code, allows numeric and gesture codes.
USB Camera	Select the camera used.
Floating Window	Set whether to show the floating window. You can manage the frequently-used apps displayed in the floating window.
Sidebar	Set whether to show the sidebar.
Centralized Control	When enabled, you can control the device via the serial port.
Shared front USB	When enabled, the device automatically recognizes whether the device connected to the USB port is Windows or Android. Note: Make sure this feature is enabled if Windows is connected to the USB port; otherwise, the device cannot recognize the Windows system.
Source Recognition	When enabled, the device automatically recognizes the input source such as VGA and HDMI and enters the corresponding screen.
USB Drive Lock	When enabled, USB flash drives are disabled.

3.1.2 Network

1. Wired Network

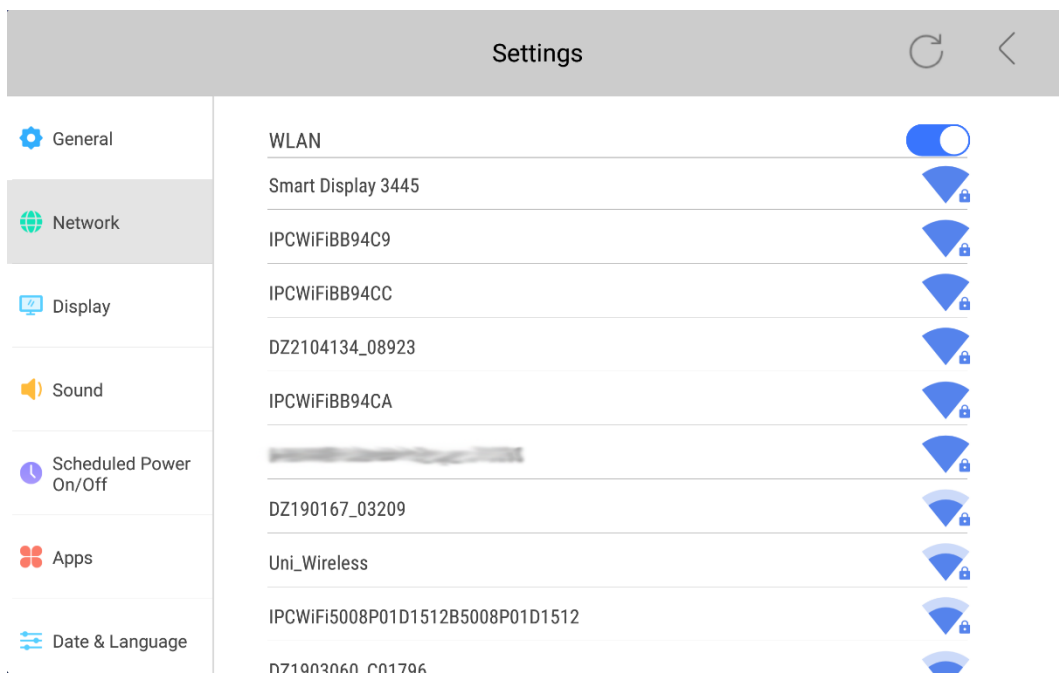
Connect to a wired network and view network information.

DHCP is enabled by default. You can disable it to set the IP address, subnet mask, and other parameters manually.



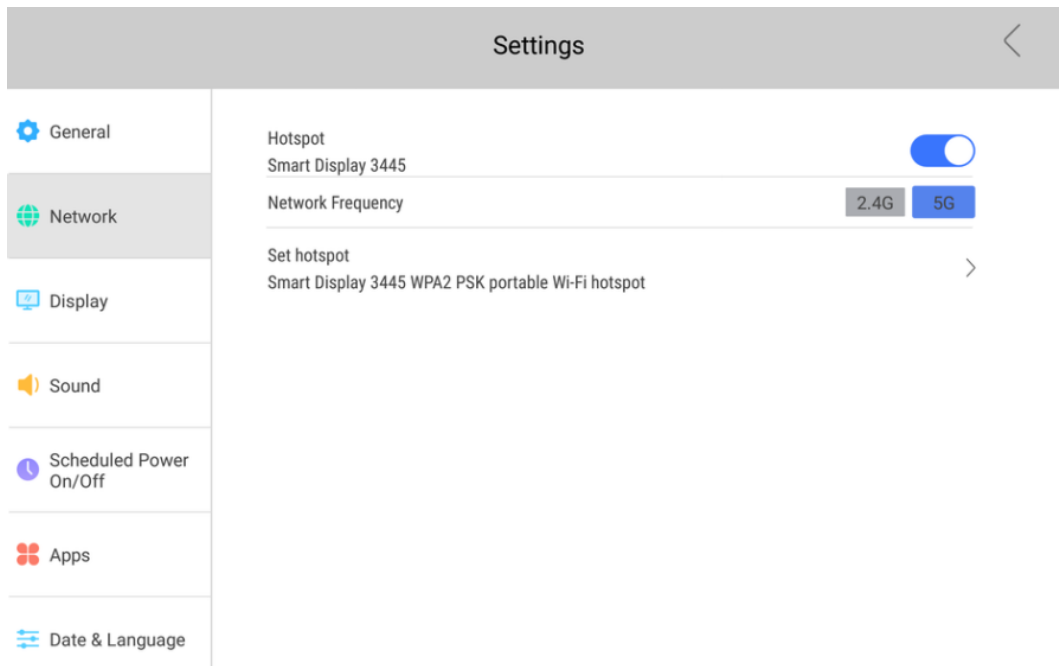
2. Wireless Network

Connect to a wireless network. Enable **Wireless Network** to discover available wireless networks automatically, then select a network and enter its password to connect to it.



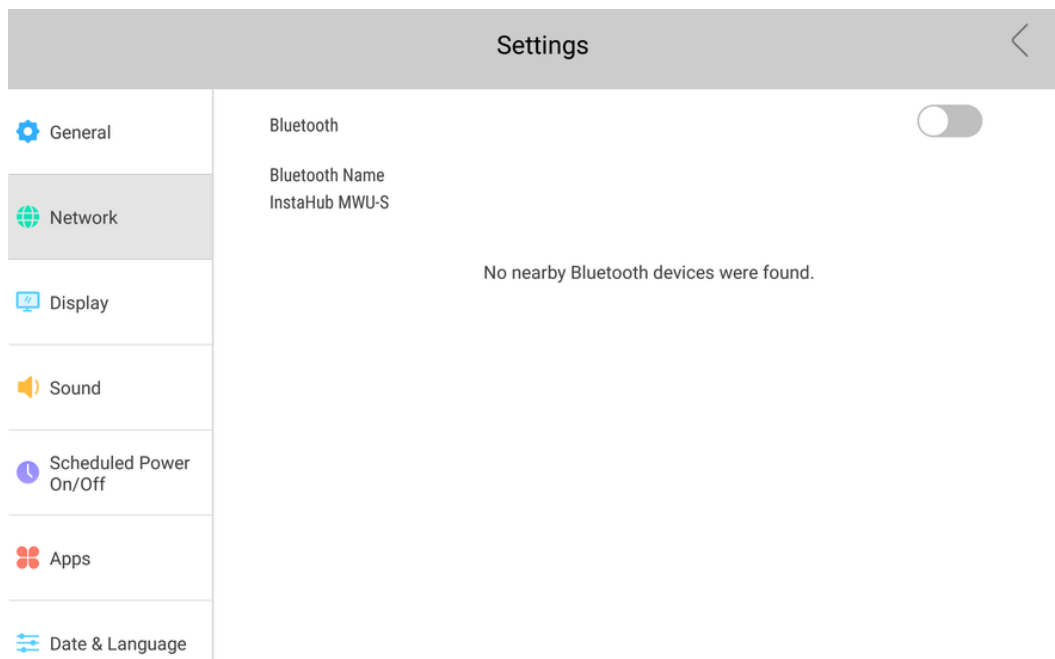
3. Hotspot

Connect your phone to the device's hotspot to mirror the phone screen to the device.

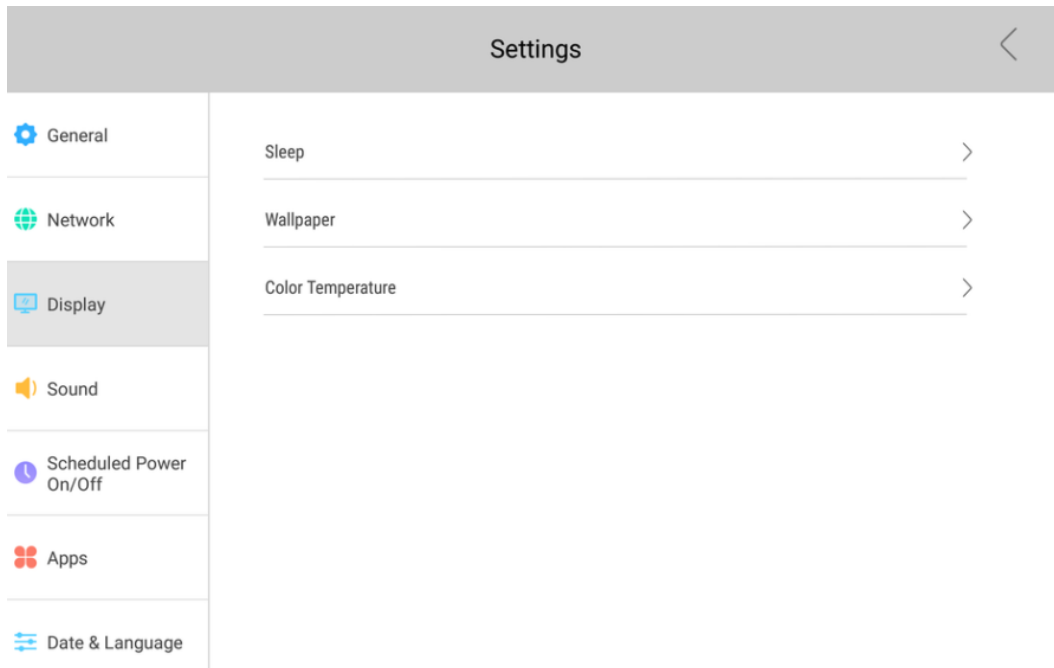


4. Bluetooth

Connect to a Bluetooth device. Enable **Bluetooth** to discover available Bluetooth devices automatically, then select a device to connect to it.

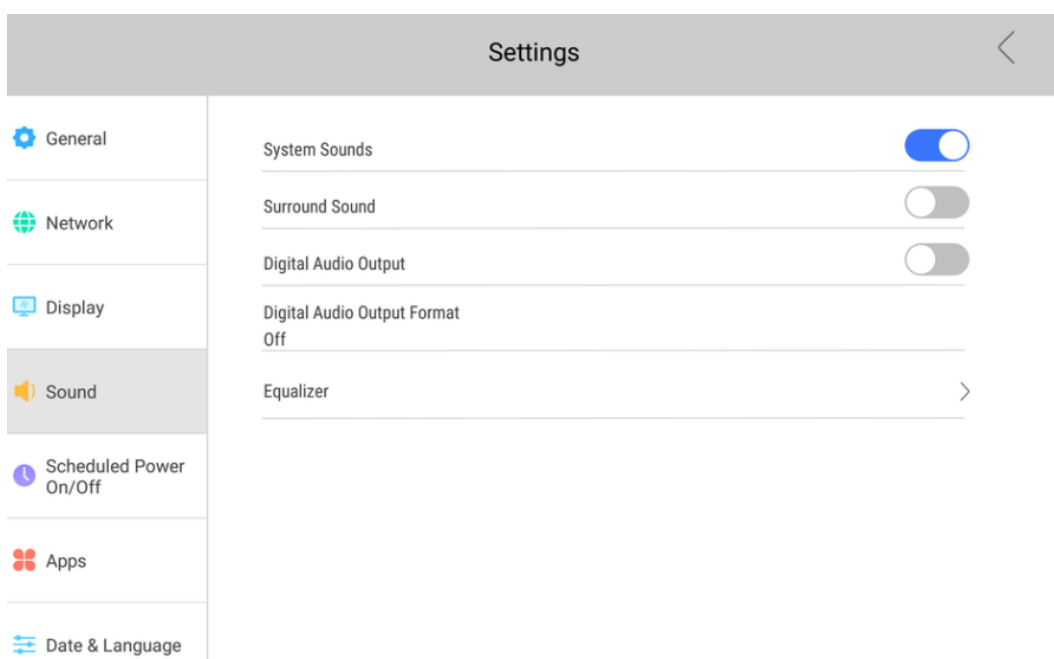


3.1.3 Display



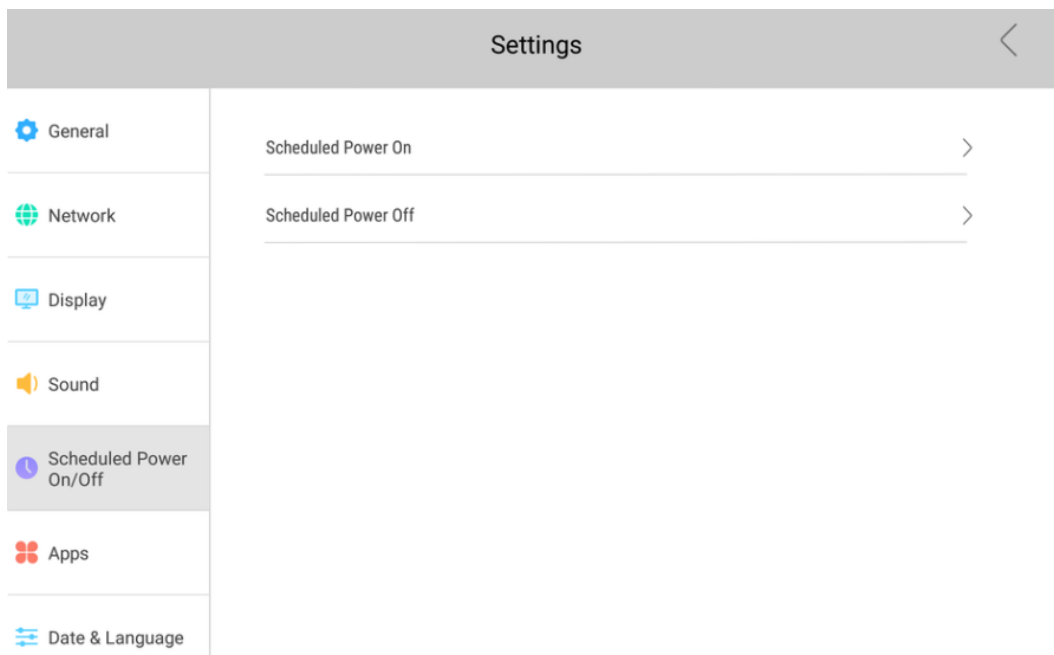
Item	Description
Sleep	Set the duration of sleep.
Wallpaper	Set the wallpaper. You can use an existing image in the system or import an image from a USB flash drive as the wallpaper.
Color Temperature	Set the color temperature of the screen.


3.1.4 Sound

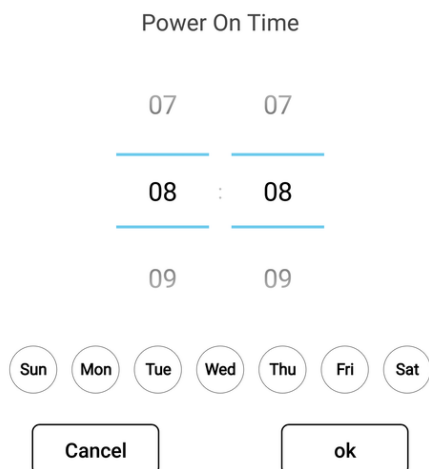


Item	Description
System Sounds	Turn on/off device sound.
Surround Sound	Turn on/off surround sound.
Digital Audio Output	Set the device sound to high-resolution digital audio.
Digital Audio Output Format	Set the digital audio output format.
Equalizer	Adjust the sound frequency.

3.1.5 Scheduled Power On/Off

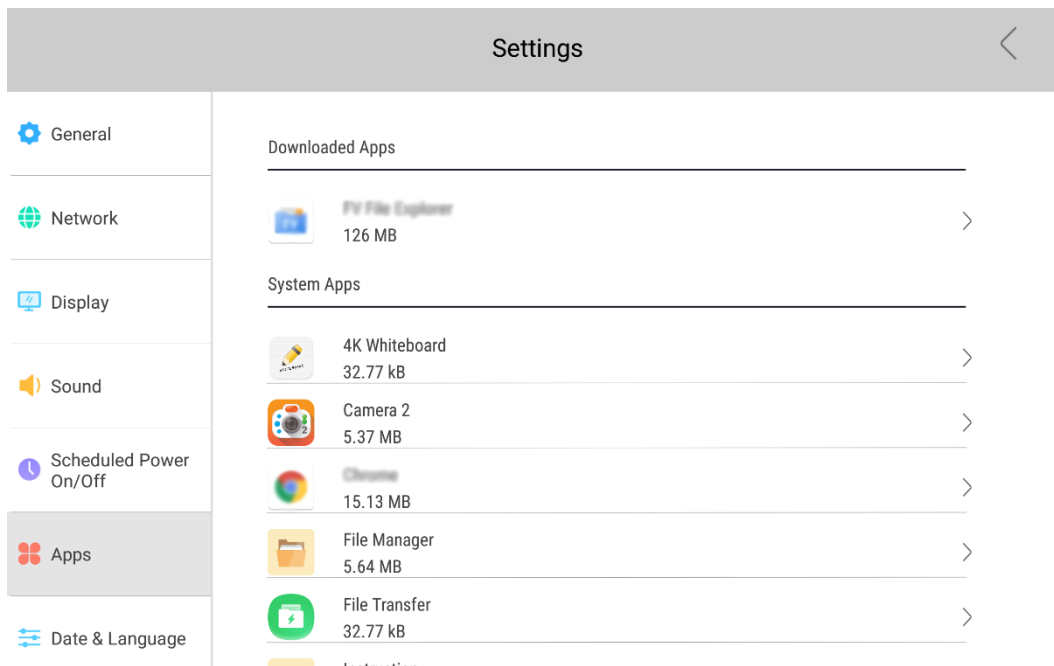


Tap  right to **Scheduled Power On/Off** to set the time for automatic power on/off and then tap **OK**.



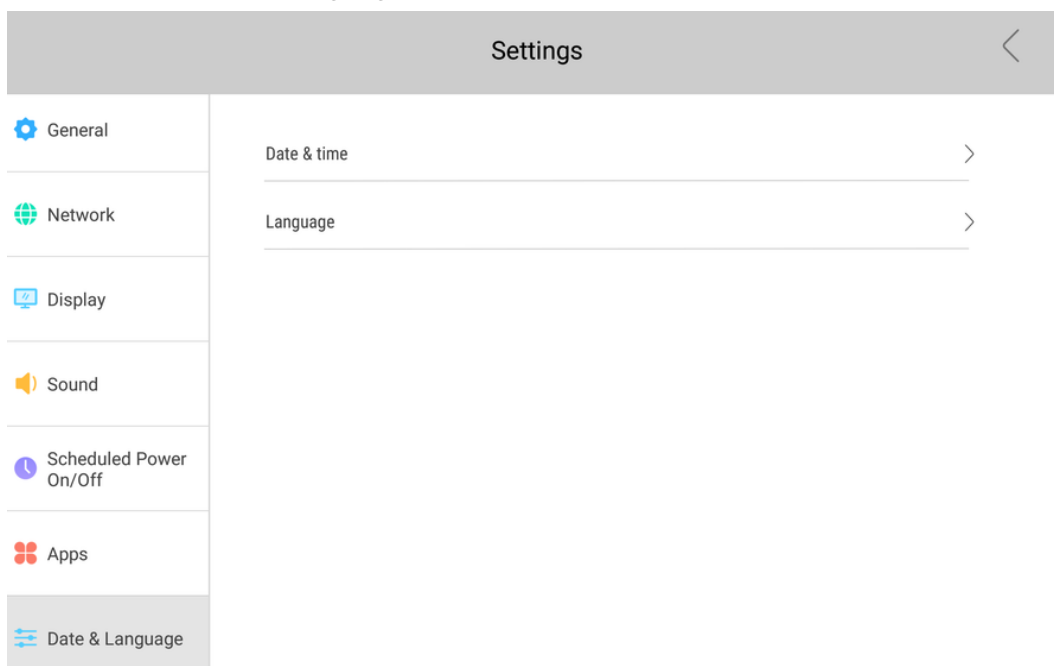
3.1.6 Apps

View app information, clear app data and modify app permissions.



3.1.7 Date & Language

Set the date, time and language of the device.



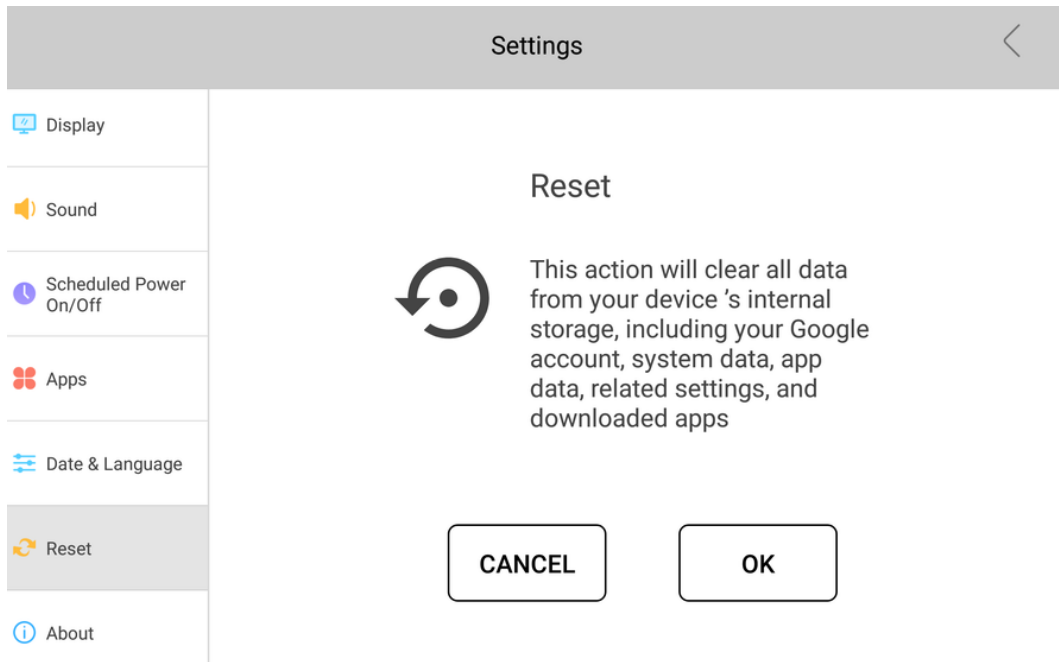
3.1.8 Reset

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



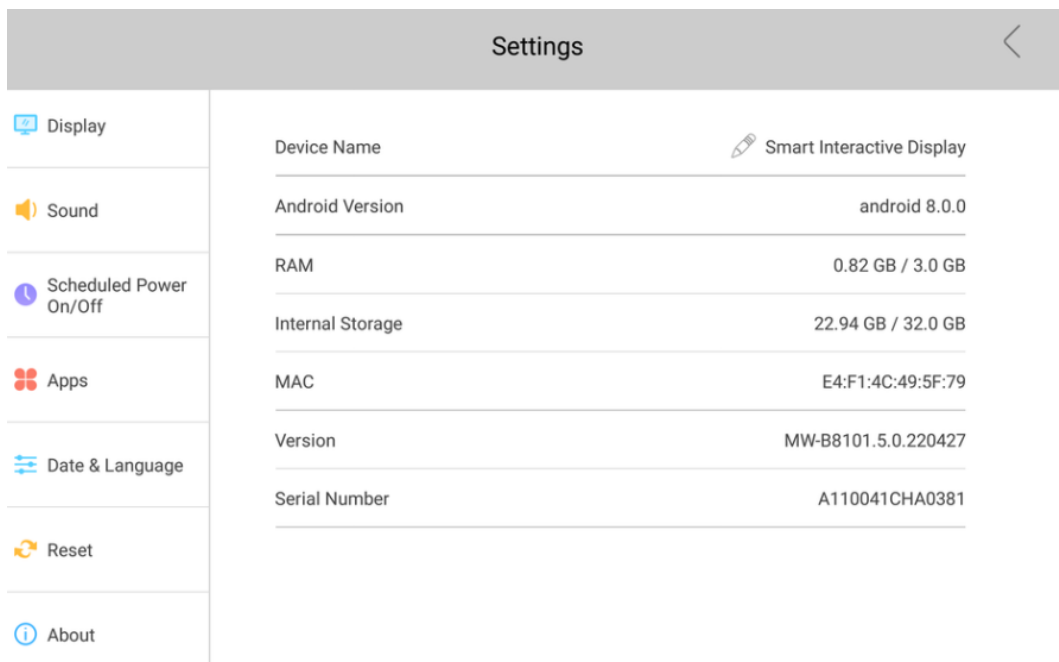
CAUTION!

The reset operation cannot be undone.




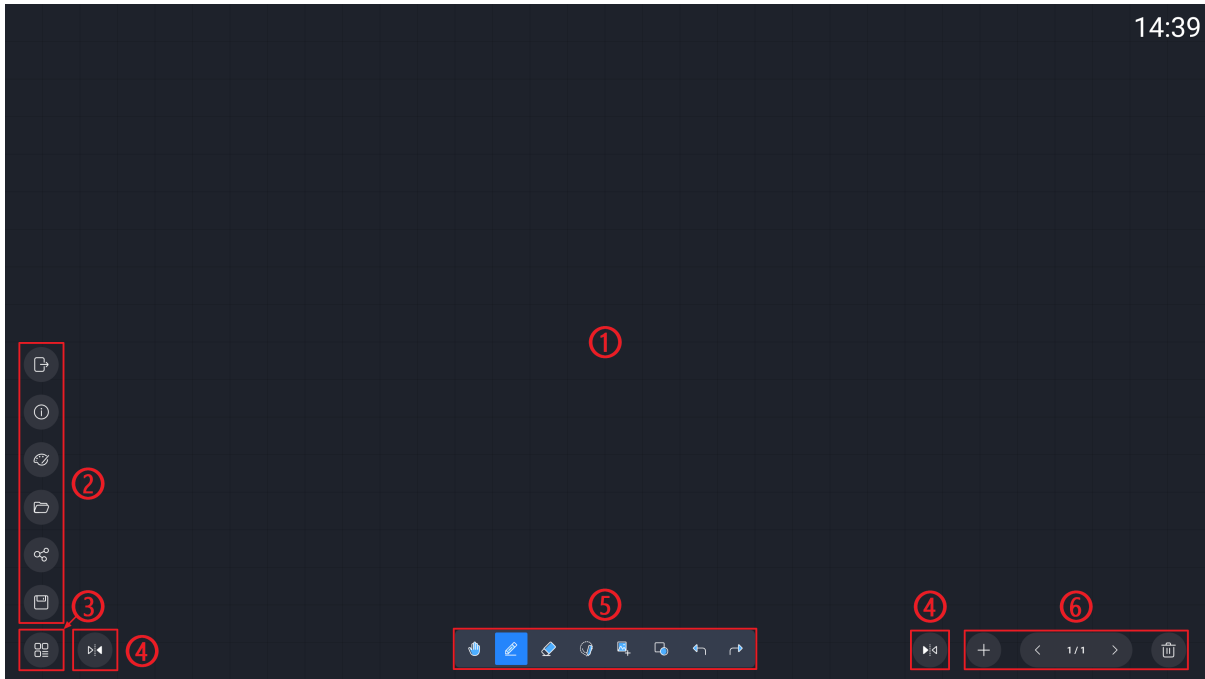
3.1.9 About

View device information.








3.2 Whiteboard

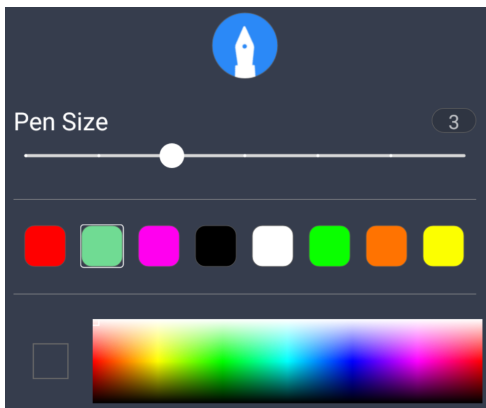
Tap  to open Whiteboard. You can write on the whiteboard with your fingers or the stylus pen.








No.	Description	No.	Description
1	Canvas	2	Menu
3	Menu button	4	Change the location of menu and page tools
5	Writing tools	6	Page tools

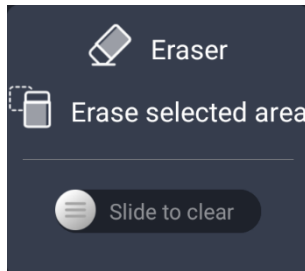
1. Writing Tools


- : 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 handwriting size and color.

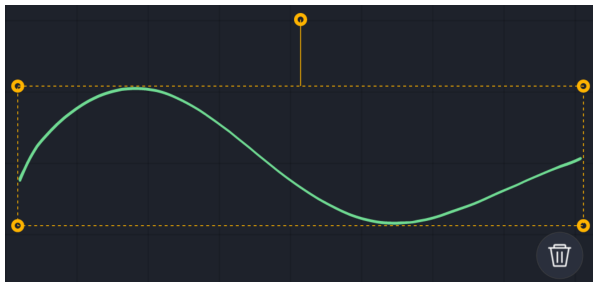




- : Eraser. To erase what you've written,

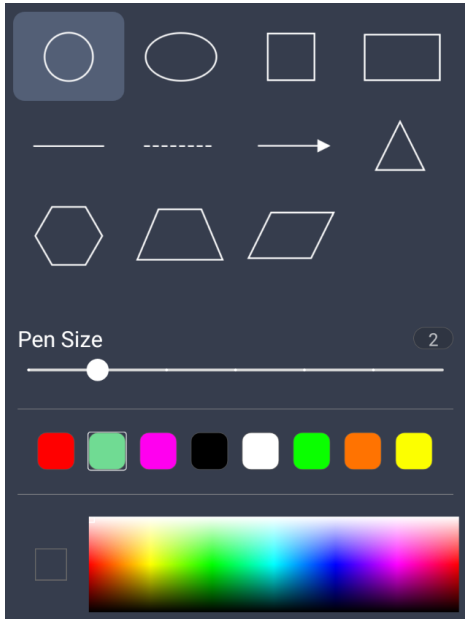
- Tap  and drag your hand over the contents you want to erase.
- Tap , select **Eraser**, and then drag the eraser over the contents you want to erase.
- Tap , select **Erase selected area**, and then circle the contents you want to erase.
- Tap  and drag the slider to clear all.





- : Select. You can circle an area and perform zoom, move, rotate, and delete operations on it.







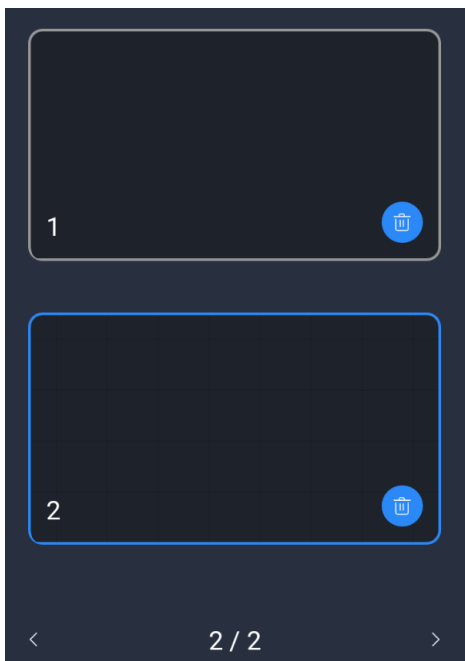
- +: Insert images. After you insert an image, you can zoom, move, rotate, delete, and annotate it, and edit the annotations without changing the image.
- : Insert shapes. Set the size, color and border width as needed.




- : Undo the last operation.
- : Redo what you've undone.


2. Page Tools







- : Create a new page.
- : Previous/next page.
- : Tap to show the thumbnail of all pages. Tap a thumbnail to switch to the page. To delete a page, tap  in the lower-right corner of the thumbnail.

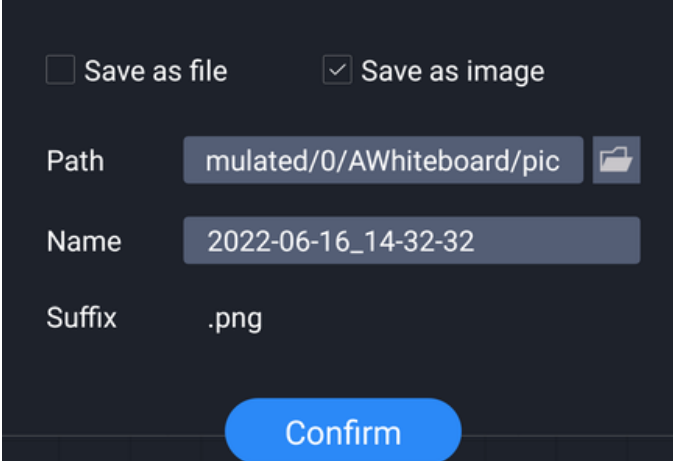


- : Delete the current page.

3. Menu


Tap  to open the menu.

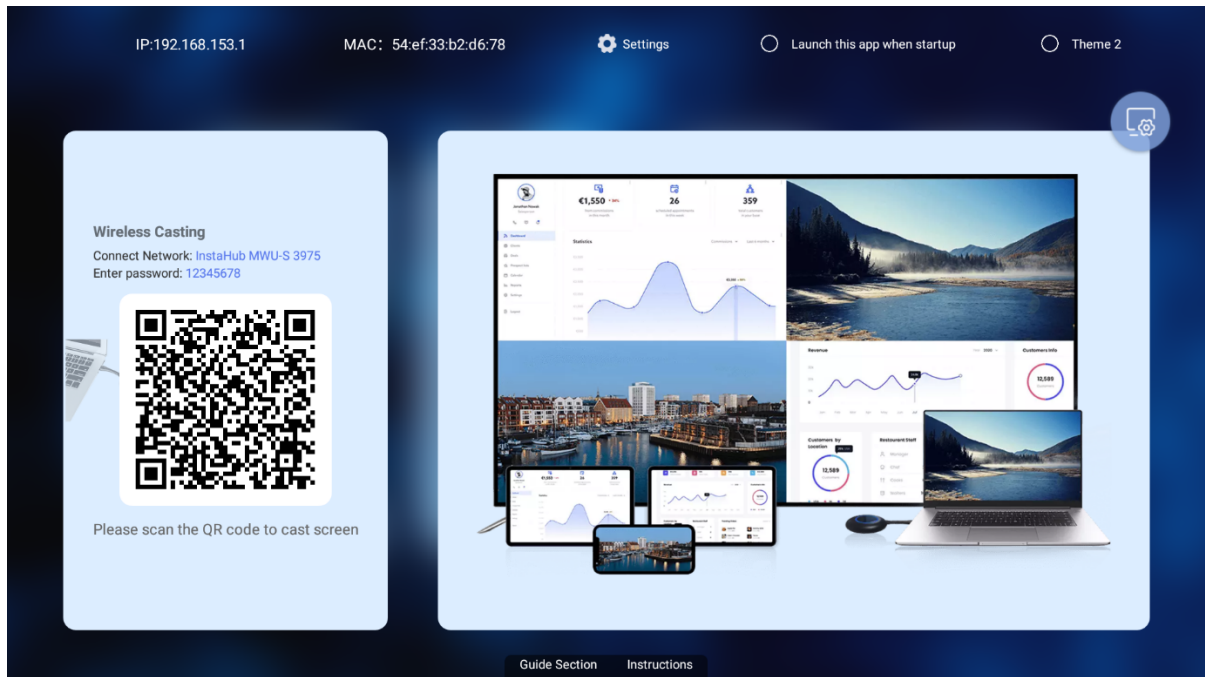
- : Exit Whiteboard.
- : View Whiteboard version info.
- : Set background color, writing template and background image.
- : Open a saved whiteboard file.
- : Share whiteboard contents via a QR code, and others can view the contents by scanning the QR code. You can also encrypt the shared contents.
- : Save whiteboard contents as a file or an image.





The screenshot shows a dark-themed save dialog. At the top, there are two options: "Save as file" with an unchecked checkbox and "Save as image" with a checked checkbox. Below this, there are three input fields: "Path" with the value "mulated/0/AWhiteboard/pic" and a folder icon to its right; "Name" with the value "2022-06-16_14-32-32"; and "Suffix" with the value ".png". At the bottom center, there is a blue rounded button labeled "Confirm".

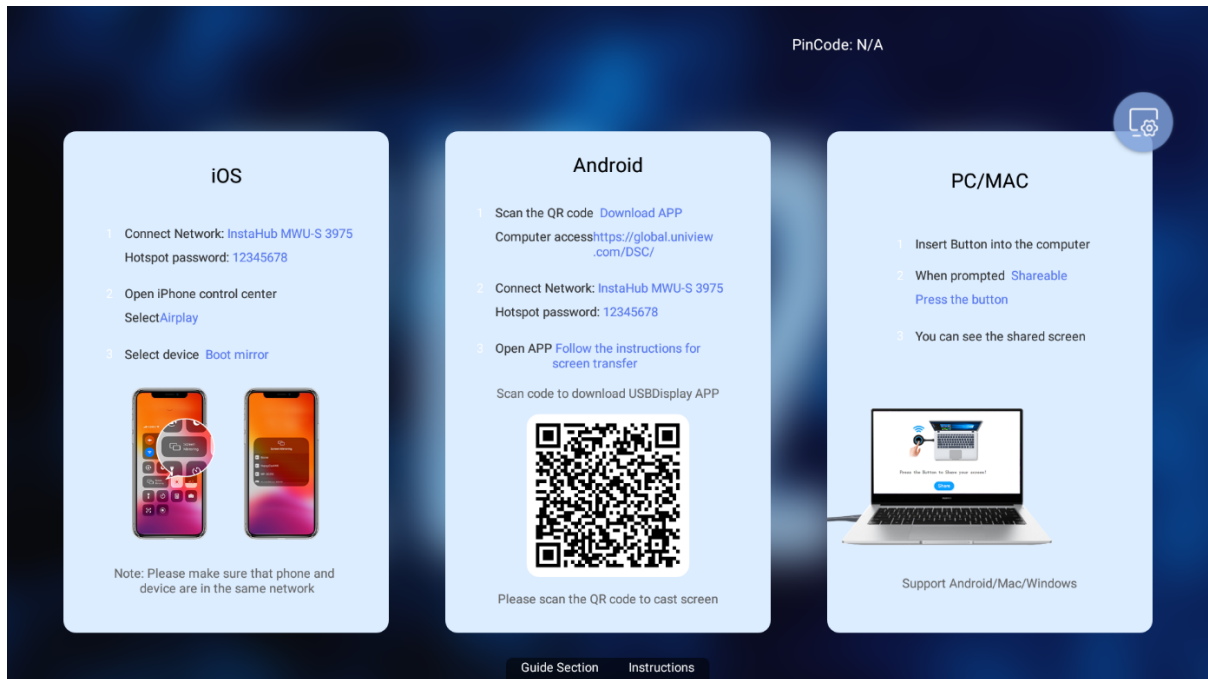
3.3 Screen Sharing

Tap  to open Screen Sharing. The device allows screen sharing from Android, iOS and Windows devices.




Item	Description
IP/MAC	IP address and MAC address of the device.
	Set the display of the Guide Section screen.
Launch this app when startup	Set whether to automatically launch this app after startup.
Theme 2	Change the app theme.
	Configure the app.
PinCode	Enter the code on your phone to start screen sharing.

Refer to the on-screen instructions to start screen sharing.




1. IOS

1. Connect your phone to the device's hotspot or the same network as the device.
2. Open **Control Center** on your phone and tap **Screen Mirroring** .
3. Select the device to start mirroring.

2. Android

1. Scan the QR code to download and install USBDisplay on your phone.
2. Connect your phone to the device's hotspot or the same network as the device.
3. Open USBDisplay, then enter the screen sharing code or scan the QR code to start screen sharing.

After screen sharing, you can annotate the shared contents by tapping  on the phone.

3. PC/MAC

Screen Sharing via Wireless Screen Sharing Dongle




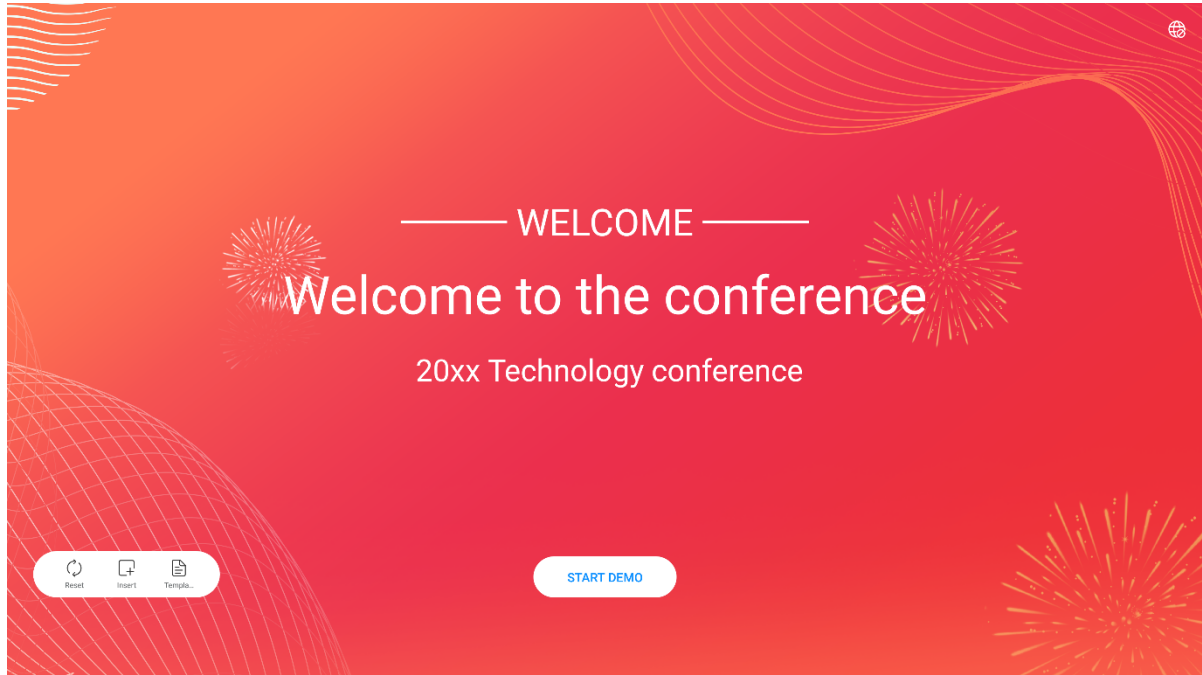
1. Connect the dongle to the device, and then disconnect the dongle after successful pairing.
2. Connect the dongle to the PC, and then press the button on the dongle after the system prompts that the PC is ready to share.


Screen Sharing via Software Client

1. Contact Displays2go to download and install WIFIDisplay.
2. Connect the PC to the device's hotspot or the same network as the device.
3. Open WIFIDisplay and select the device to start screen sharing.

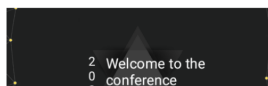
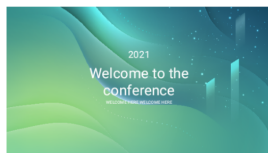
3.4 Welcome


Tap  or swipe right on the home screen to open Welcome.



-  : Change template.

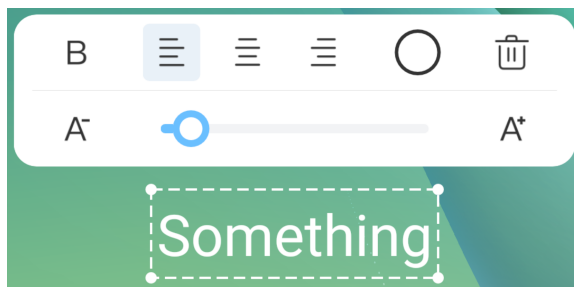
Template



-  : Change background image or add text. You can set the font size and color of the added text.


↶ Background

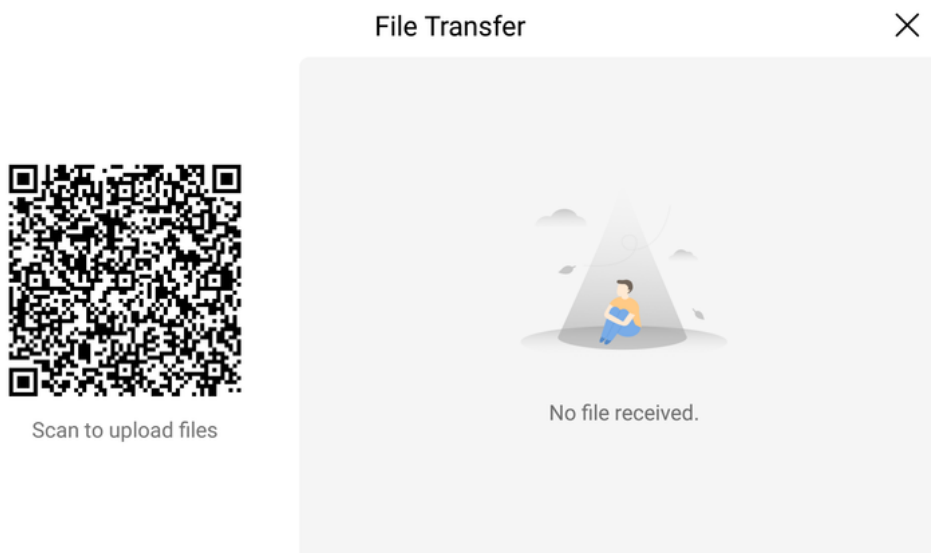
📄 New Text



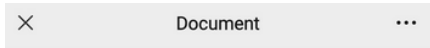
- ↶ : Reset the current page to its initial state.

3.5 File Transfer

Tap  to open File Transfer. Scan the QR code to upload images or files.



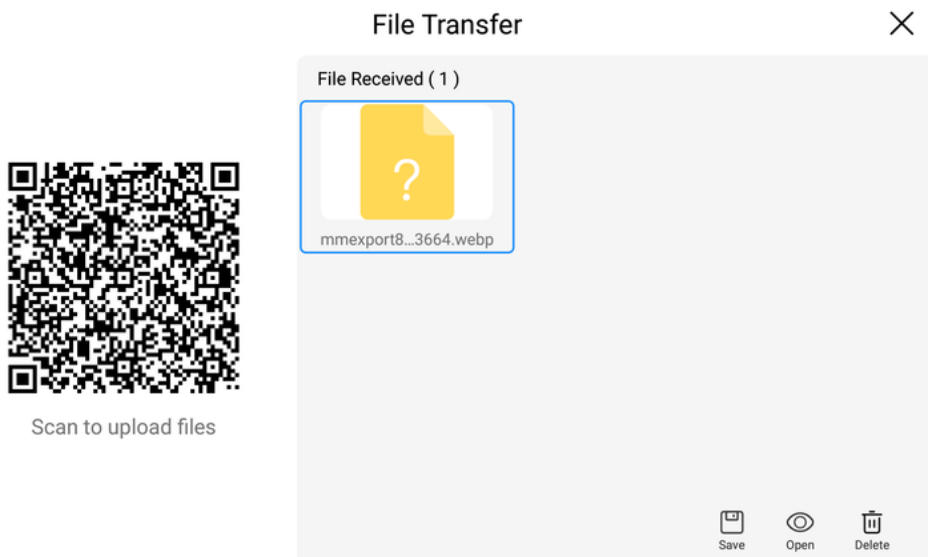
1. Scan the QR code.



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



2. Select the image or file you want to upload to start uploading. The uploaded image or file will be displayed on the device synchronously.

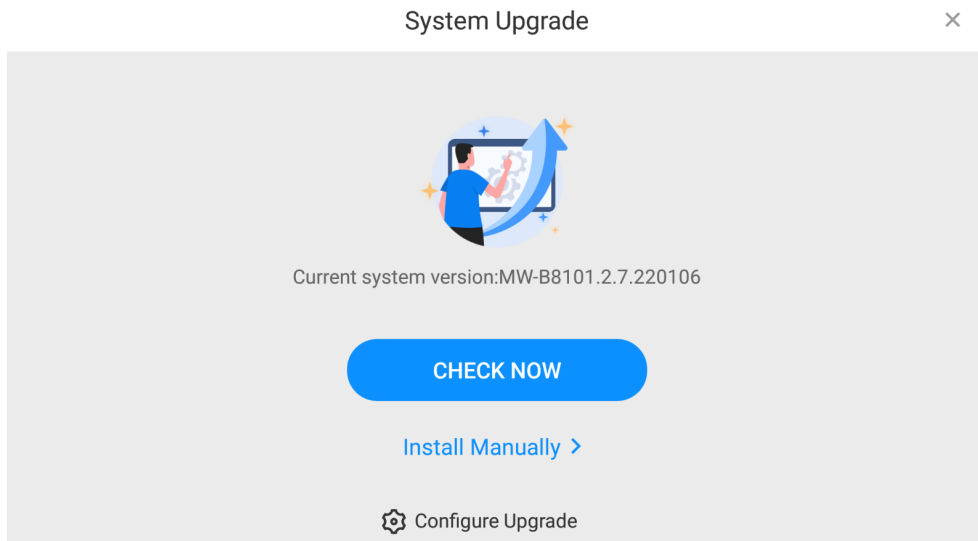


3. After the upload is complete, you can perform save, open, and delete operations on the image or file.
4. To close the app, tap . All the uploaded images and files will be cleared after you close it.

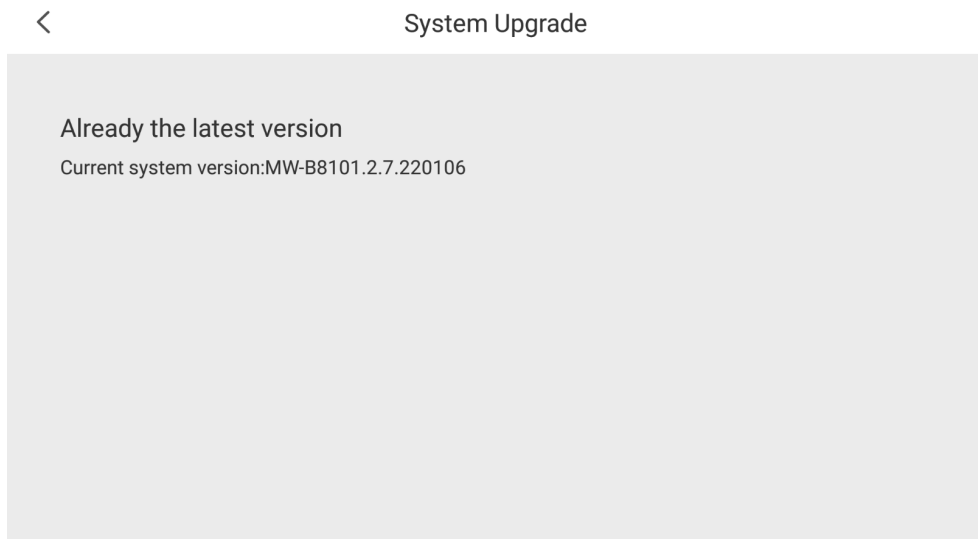
3.6 System Upgrade



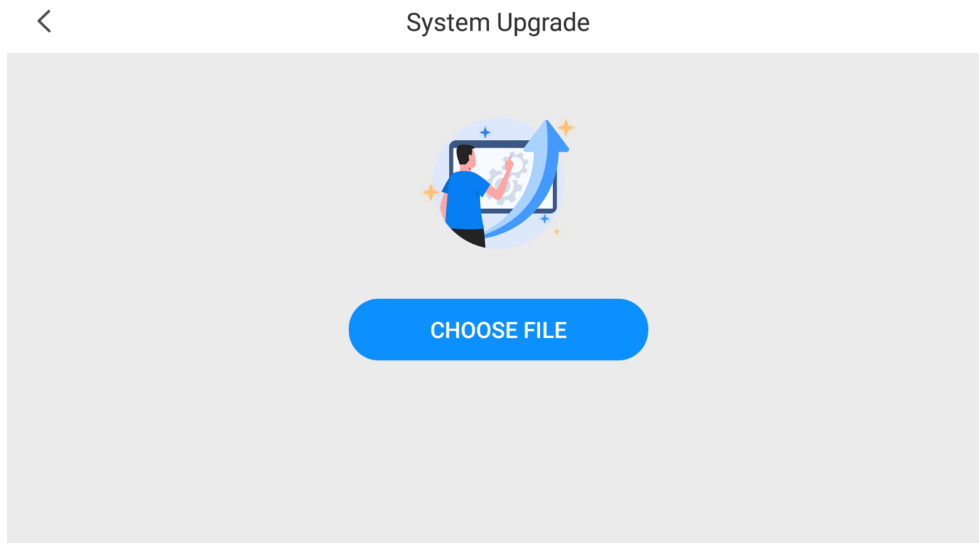
Tap to open System Upgrade.



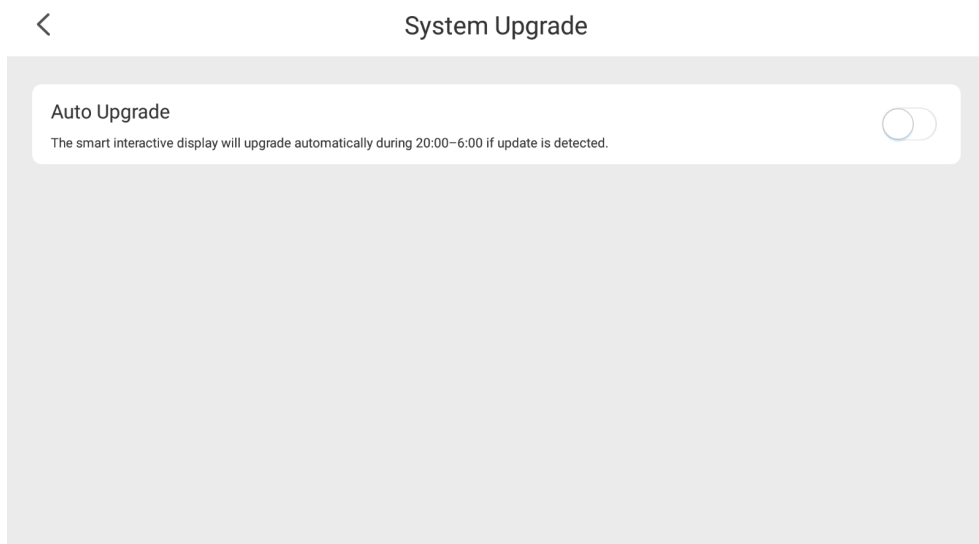
- Auto upgrade: Tap **Check Now** to see whether a new version is available. If there is no new version, you will be prompted that the system is up to date. If a newer version is displayed, download and install it.



- Manual upgrade: Tap **Install Manually**, select the upgrade file to start upgrade.

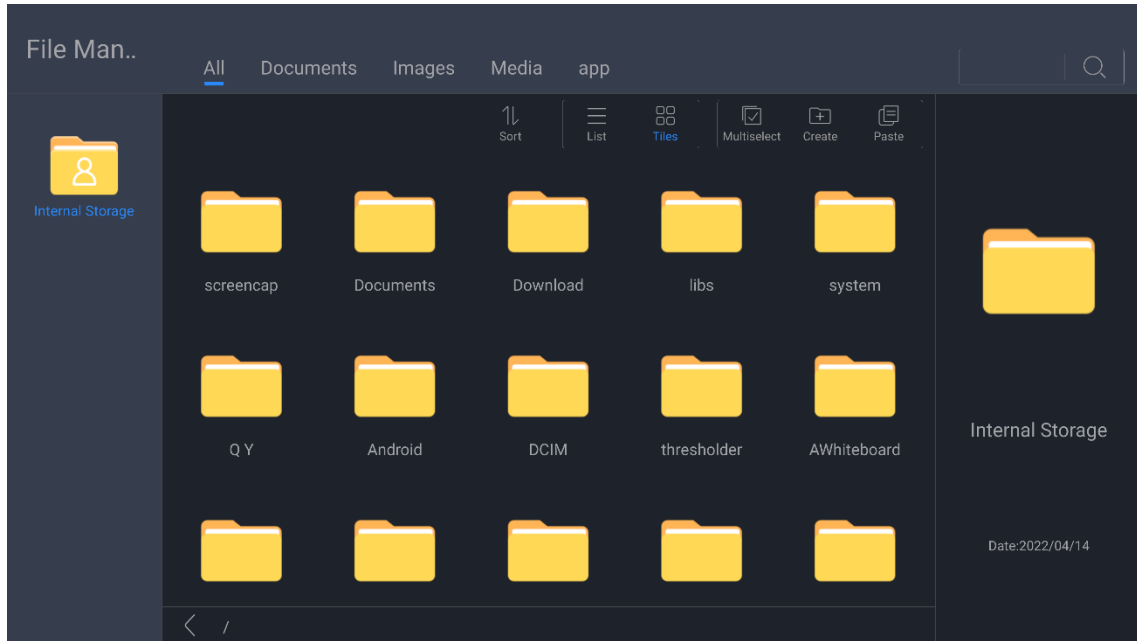


To receive an update notification when a new version is available, tap **Upgrade Config** and enable **Auto Upgrade**.

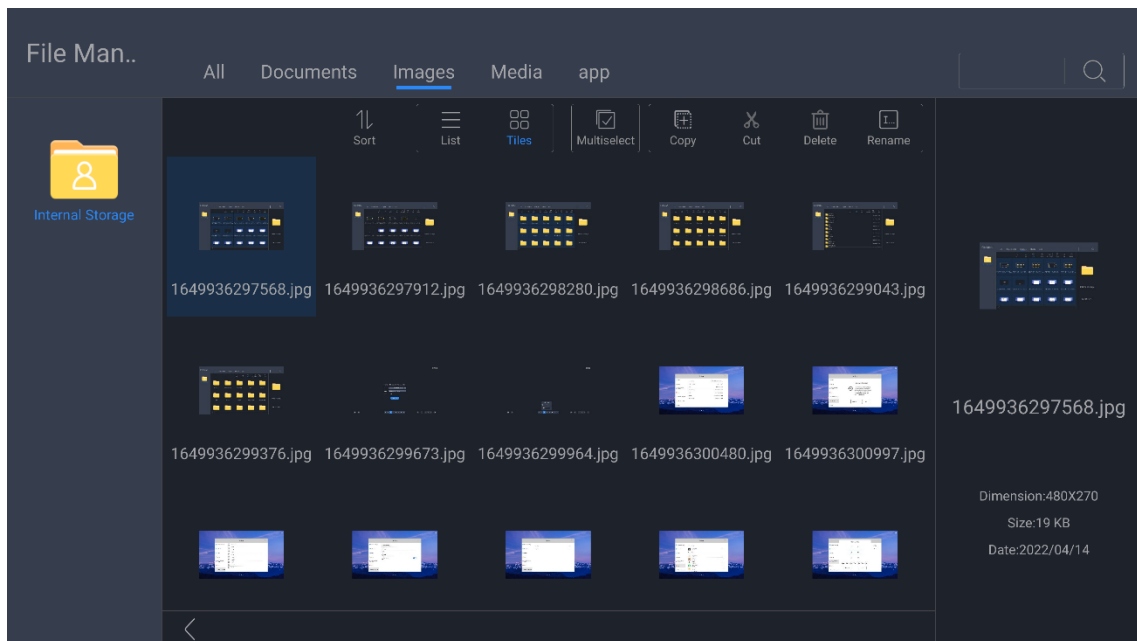







3.7 File Manager

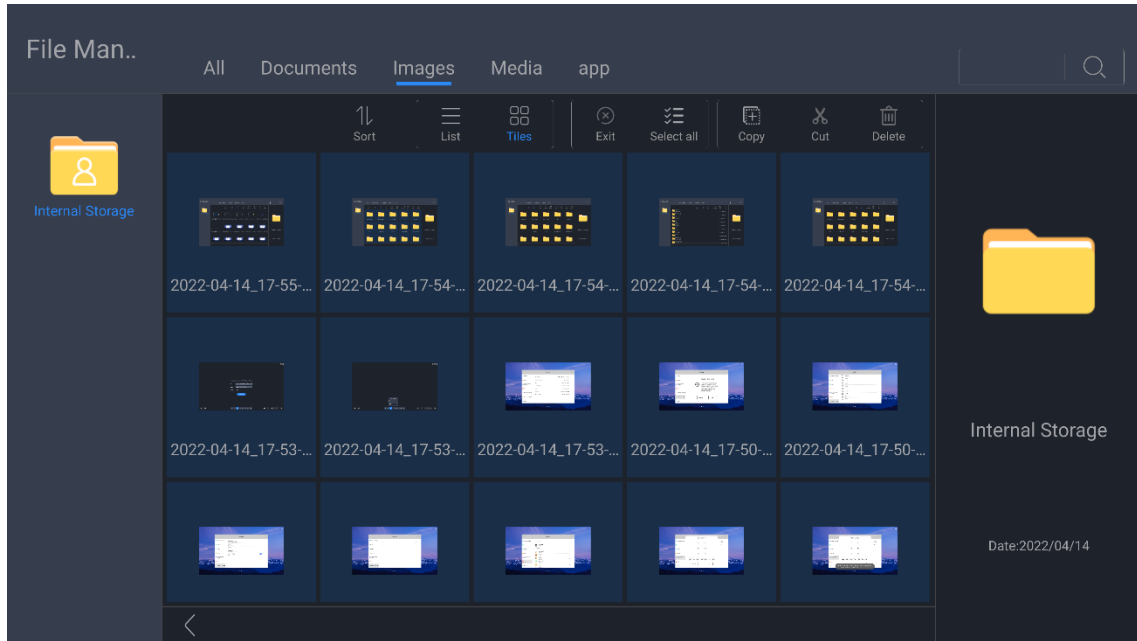
Tap  to open File Manager.











You can tap and hold on an item to copy, cut, delete or rename it.



- : Search for an item by entering its keywords.
- : Sort items by name, size, or modification time.
- : View items in list mode.
- : View items in tiles mode.
- : Select items as required.



- : Cancel selecting.
- : Select all items on the current page.
- : Copy the selected item(s).
- : Cut the selected item(s).
- : Delete selected item(s).
- : Create a new folder.
- : Paste the copied or cut item(s) to the current location.
- : Rename the selected item.



If you have any questions regarding our products, please visit us at www.displays2go.com or contact our customer service at 1-844-221-3393.