



1.0. INTRODUCTION

This user manual is designed for all users of the Smaat Interactive Flat Panel Display (IFPD), offering clear guidance for beginners. It provides step-by-step instructions to help you navigate and master the device's features.

Support: If you encounter issues or need assistance, contact the manufacturer at <https://smaat.uk/>

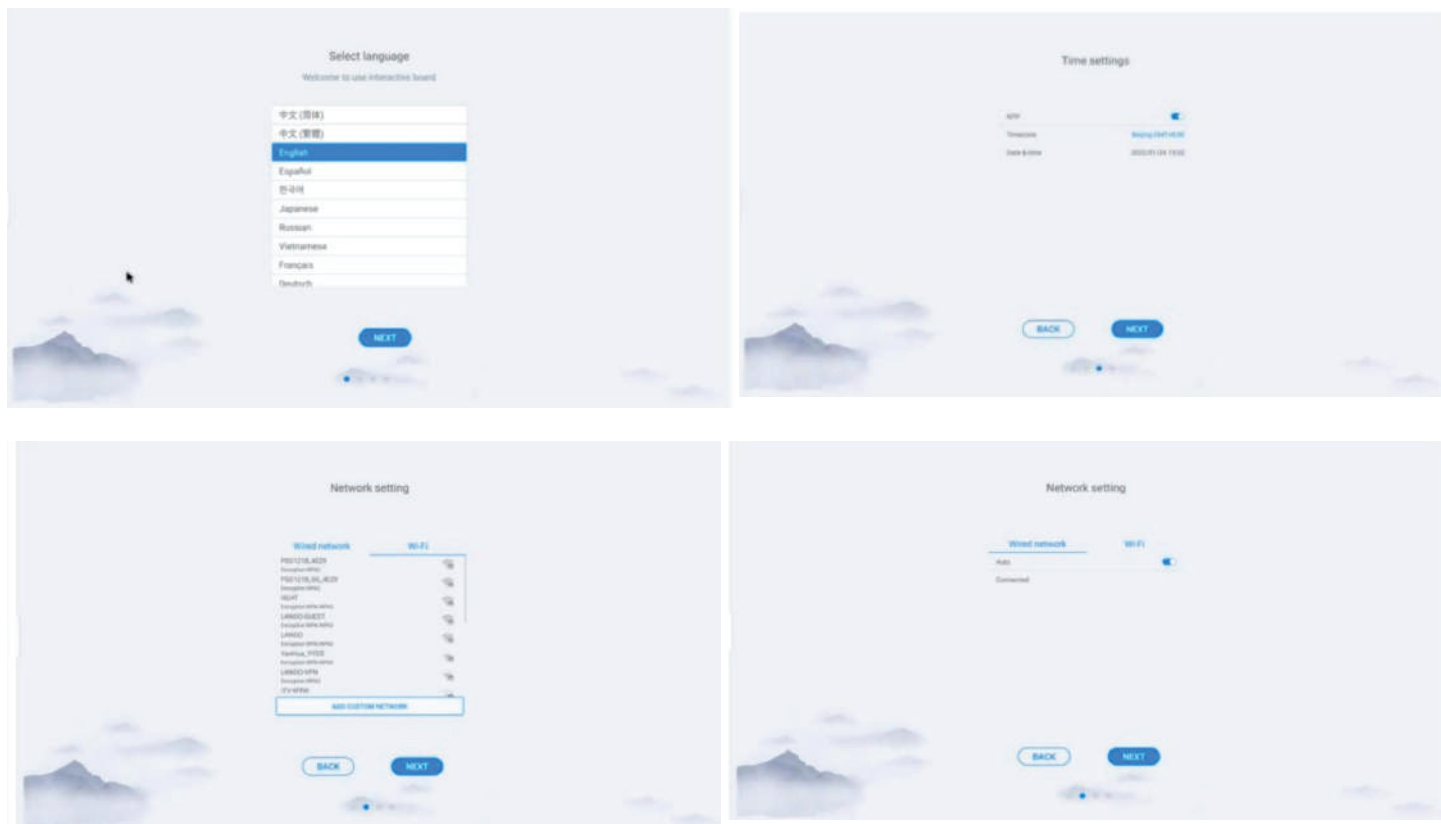
2.0. PRODUCT FEATURES

This manual explains the core functions and operation methods of the Smaat IFPD, enabling users to become proficient with its capabilities. The Smaat IFPD is an interactive, all-in-one device equipped with a wide range of system and application features. Each function is described in detail below to ensure ease of use.

Note: Refer to the table of contents to locate specific features.

2.1. BOOT WIZARD

The Boot Wizard appears automatically when you power on the Smaat IFPD for the first time. It guides you through the initial setup, introducing key functions to help you get started quickly. It includes several setup screens to configure basic settings.



2.2. LAUNCHER

The Launcher is the main interface displayed after powering on. It serves as the home screen, providing access to apps and settings. The system offers two default themes for customisation as displayed below:

2.2.1. PAGE ELEMENTS

The Launcher includes the following interactive elements:

- **Wallpaper:** Customise the background by selecting a theme, uploading a custom image, or enabling rotating wallpapers. Adjust these settings in System Settings > General > Personalisation.
- **Time:** Displays the current date and time. Long-press the time to access System Settings and manually adjust the date, time, or format.
- **Application Icons:** Click an icon to launch the corresponding app.
- **Source Preview:** Displays available signal sources (e.g., OPS).

How to use

1. Click the selection button at the bottom of the signal source preview interface to set a source.
2. Click the interface section to turn to the corresponding source page
3. Click the arrow in the top-right corner to collapse the source preview interface.

Tip: Organise app icons for quick access to frequently used tools.

2.2.2 STATUS BAR

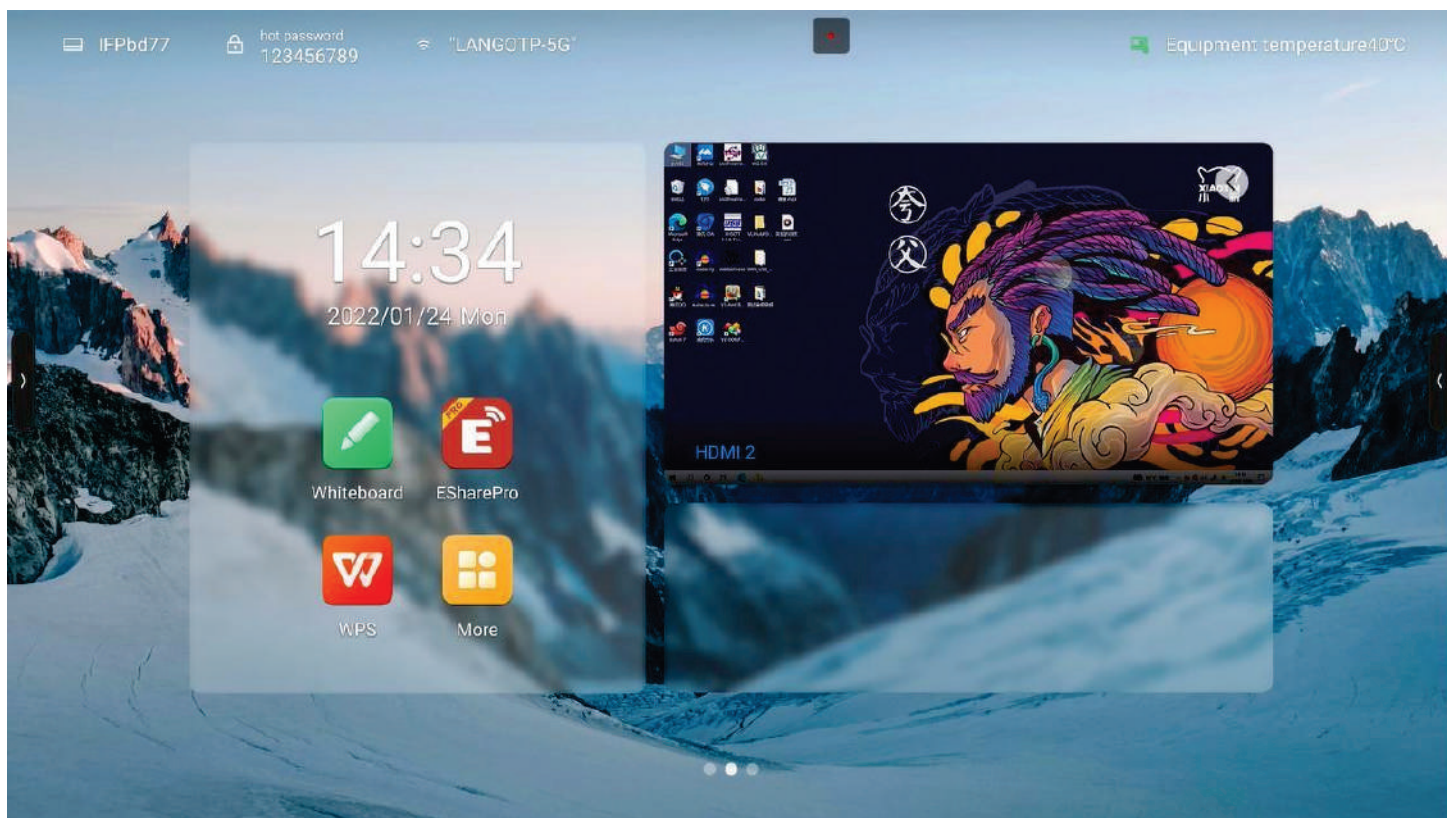
The status bar, located at the top of the screen, provides real-time device information, which includes:

- **Device Name:** Shows the current device name, which is linked to the hotspot, screen-sharing, and Bluetooth names. Modify it in System Settings > System.
- **Hotspot Password:** Displays the password when the hotspot is active. Configure hotspot settings in System Settings > Network > Hotspot.
- **Network Status:** Indicates the current network connection and its status (e.g., Wi-Fi, Ethernet).
- **Device Temperature:**
 1. Click the selection button at the bottom of the signal source preview interface to set a source.
 2. Click the interface section to turn to the corresponding source page.
 3. Monitors the whole machine temperature in real time. Users can enable or disable this feature in System Settings > System > Power State.
 4. Green Text represents the normal range when the Temperature is below 65°C.
 5. When the Temperature is between 65°C and 85°C, an Orange Text represents a high temperature with a shutdown warning.
 6. When the Temperature is 85°C or higher (critical), a Red Text represents an extremely high temperature, triggering an automatic shutdown after 5 seconds to protect the device.
 7. User Exit: Click to exit the current user and access the user selection screen. Configure multi-user settings in System Settings > System > Multi-User.

Note: Monitor the temperature display to prevent overheating during extended use.

2.3. SIDEBAR

The Sidebar is a convenient tool that remains accessible on most screens, allowing quick access to essential functions.



Theme1



Theme 2

How to Open:

- Swipe inward from the left or right edge of the screen.
- Click the expand button on either side (if enabled).

Note: The Sidebar closes automatically after 10 seconds of inactivity.

Features: Includes Back, Home, Multi-Task, Annotation, Control Panel, and Signal Source.

2.3.1 Back

Click the Back icon to return to the previous screen or action. Repeated Clicks navigate back to the home screen or the start of the operation.

2.3.2 Home

Click the Home icon from any screen to return to the Android home screen. The current app moves to the background and can be accessed via multitasking.

2.3.3 Multi-Task

Click the Multi-Task icon to view the system's multi-tasking screen, which displays all apps running in the background.

2.3.4 Annotation

Click the Annotation icon to enter annotation mode. Refer to Section 2.7 for details.

2.3.5 Control panel

Click the Control Panel icon to display the panel, which includes three sections: Shortcut Tools, Sound/Brightness Adjustment, and Application List.

2.3.5.1 Shortcut Tools

- **Ethernet:** Turn on/off the wired network
- **Wi-Fi:** Turn on/off to enable or disable the wireless network.
- **Hotspot:** Turn on/off to activate the hotspot.
- **Timer:** Click to activate the timer.
- **Screenshot:** Click to open the screenshot tool. The Sidebar hides automatically when active.
- **Smart Eye Protection:** Click on/off to reduce screen blue light after enabling the feature, helping to minimise eye strain.
- **Touch Induction:** To enable, click open/close. When enabled, screen brightness dims by 30% during touch input and restores after 5 seconds of inactivity, reducing glare.

- **Energy Saving:** When enabled, screen brightness is set to 25 and disables auto-brightness. Manual brightness adjustments or enabling auto-brightness will disable this mode.
- **Child Lock:** Locks the touch screen to prevent unintended inputs. A child lock icon appears in the top-left corner. Unlock using one of these methods:
 1. **Keypad:** Press Volume Down, Volume Down, Volume Up, Volume Up in sequence (V-, V-, V+, V+).
 2. **Remote:** Press Volume Down, Volume Down, Volume Up, Volume Up in succession (V-, V-, V+, V+).

Use child lock files - USB Key:

Create a text file

Enter the code: **U2FsdGVkX18v36IHH2OloQYdlbG+Y18YkDs9R1ACvSE=**

Name the file usb_child_key (remove the .txt extension).

The file characters are UTF-8

Save the file in UTF-8 encoding and place it in the root directory of a USB drive.

Insert the USB drive while in child lock mode to unlock.

- **Lock Screen:** Locks the screen. Configure unlock methods in System Settings.
- **Channel Settings:** Open channel settings to adjust image scale, VGA settings (for VGA image adjustment), or HDMI EDID versions (for OPS/HDMI channels).

Tip: Save the USB key code in a secure location for quick access.

2.3.5.2 Sidebar button

- **Expansion Style:** When enabled, an expand button appears when the Sidebar is closed. Click it to open the Sidebar.
- When disabled, swipe inward from the screen edges to open it.
- **Volume Adjustment:** Slide to adjust audio volume.
- **Brightness Adjustment:** Slide to adjust screen brightness. This is disabled in energy-saving mode.

2.3.5.3 Personal Apps

- Displays all available apps. Click an app to open it. Long-press apps with a “multi-window corner label” icon to open them in a small window.

Visual Suggestion: Include a screenshot of the Personal Apps section with a highlighted multi-window label.

2.3.6 Signal Source

Click the Signal Source icon to view a list of available sources (connected sources are highlighted). Select a source to switch to its channel.

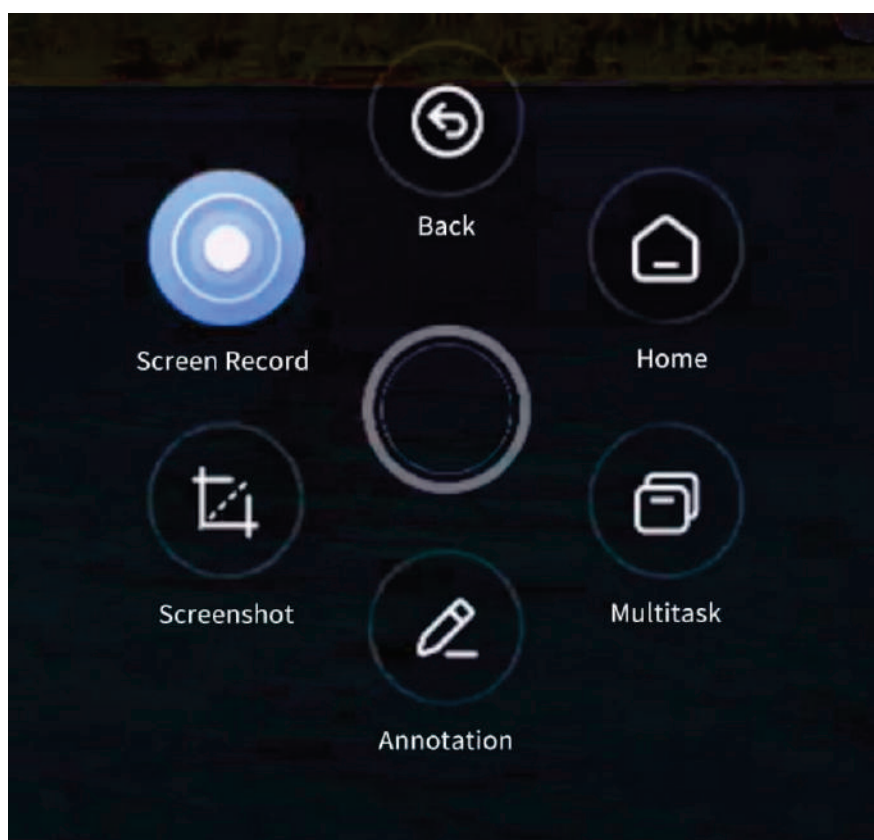
2.4 COMPASS

The Compass is a quick-access tool for navigating key functions across any interface.

How to Use:

1. **Open:** Long-press with five fingers on any screen to display the Compass.
 2. **Toggle:** Click the central circle to open or close the Compass.
 3. **Move:** Drag the central circle to reposition the Compass.
- **Compass Folded State:** Appears as a transparent floating ball (can be adjusted to list style, configurable in System Settings > General > Compass). It can be dragged to any position on the screen.
 - **Compass Extended State:** Provides six functions:
 1. **Default Functions:** Back, Home, and Multi-Task.
 2. **Custom Functions:** Three additional functions can be personalised in System Settings > General > Compass.

Tip: Customise the Compass with frequently used apps for faster access.



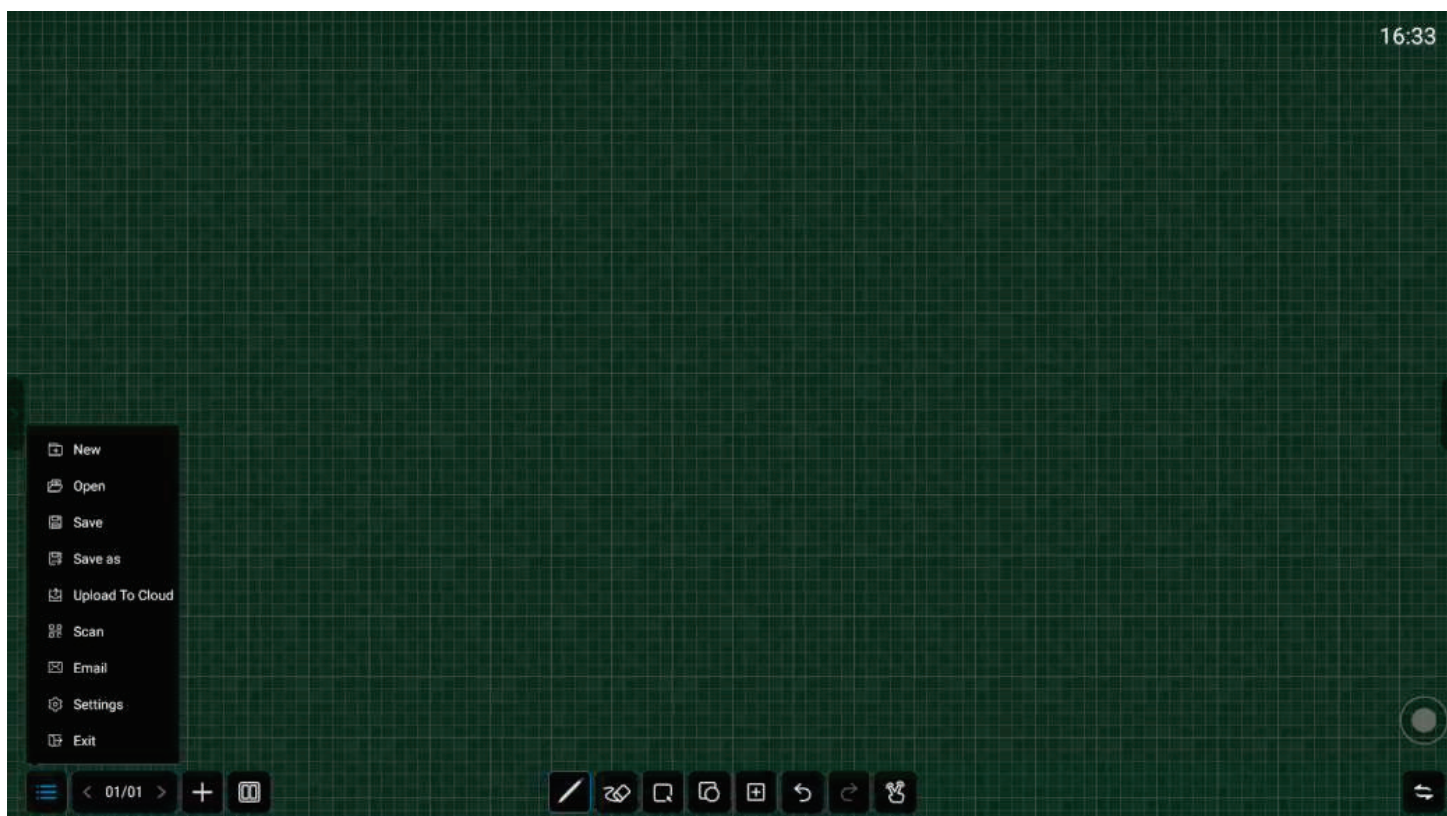
2.5 WHITEBOARD

The Whiteboard app enhances teaching and meetings by combining touch-based writing, multimedia playback, interactive tools, file management, collaboration, and sharing features. This section explains how to use the Whiteboard effectively.



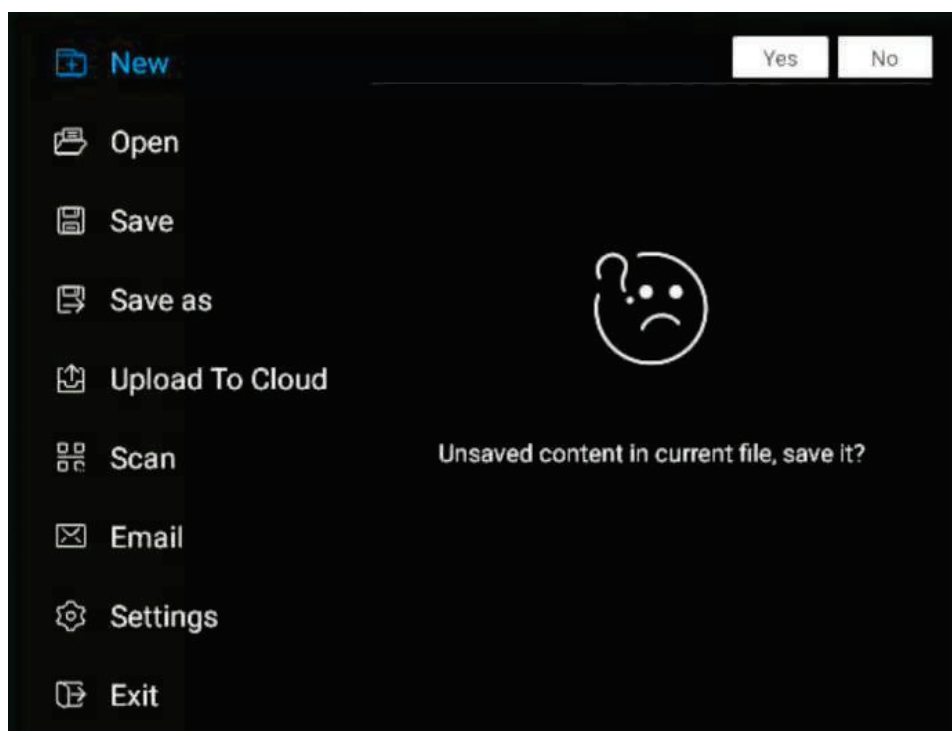
2.5.1 Menu Bar

Click the menu icon ($\equiv$) in the bottom-left corner of the Whiteboard to access its options.

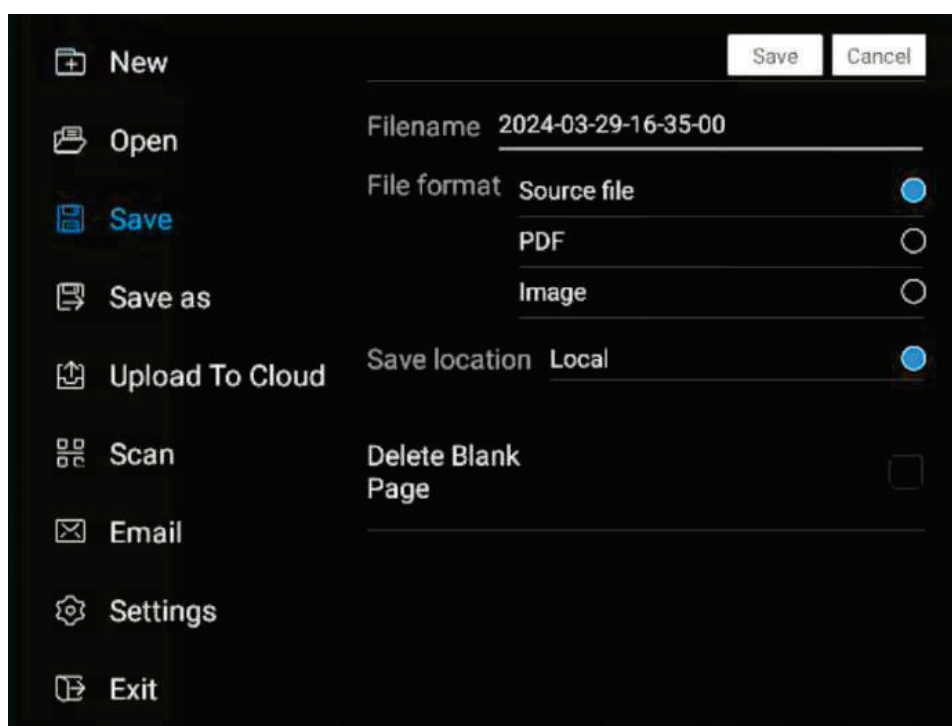


The menu includes the following functions:

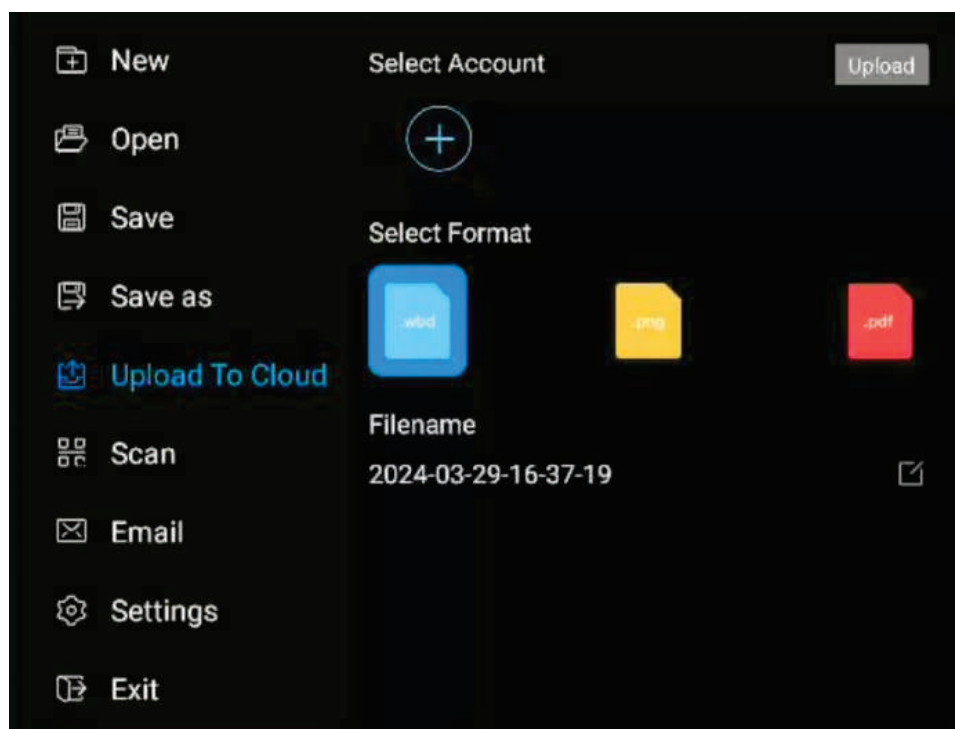
- **New:** Creates a new whiteboard, closing the current one. If unsaved changes exist, you'll be prompted to save before proceeding.
- **Open:** Open the File Manager to browse and select saved whiteboard files. Save any unsaved work before opening a new file.



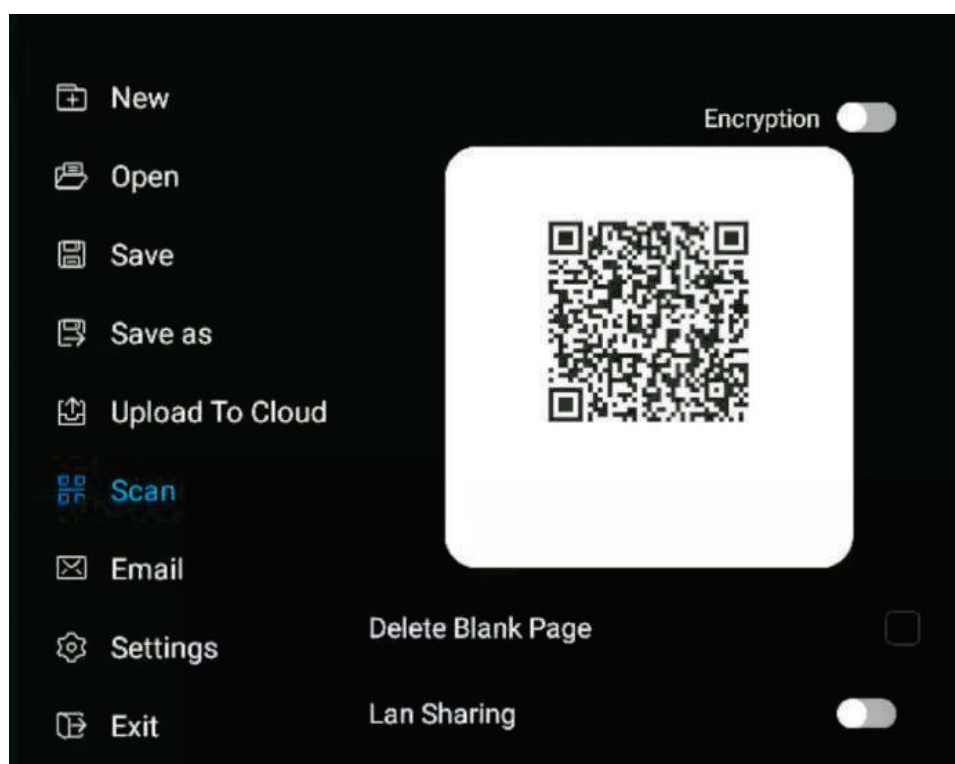
- **Save:** Saves the current whiteboard. You can specify the file name, format (.wbd, .png, or .pdf), and storage location.
- **Save As:** Saves a copy of the current whiteboard, allowing you to set a new file name, format, and location. Optionally, can delete blank pages during saving.



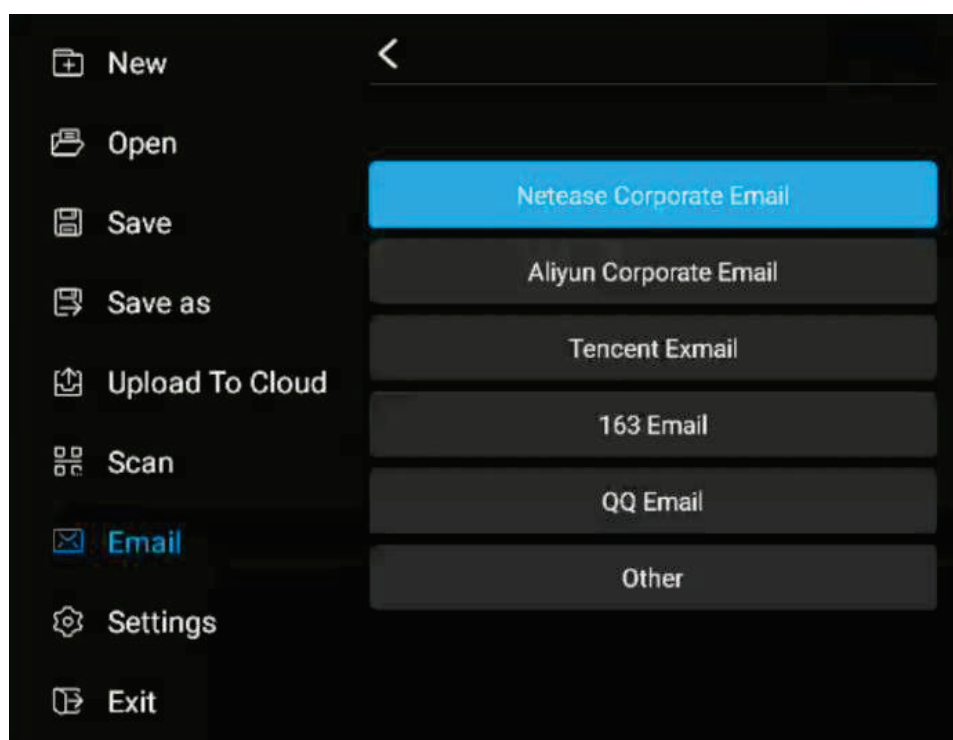
- **Upload to Cloud:** Uploads the whiteboard file to a network drive in .wbd, .png, or .pdf format.



- **Scan to Share:** Generates a QR code for sharing whiteboard content as an image.
 1. Click the encryption option to add a 4-digit password for secure access.
 2. Choose between local network or internet sharing (set default mode in System Settings > General).
 3. Users scan the QR code with a mobile device to download the content.



- **Email:** Sends the whiteboard file via email after configuring an email account (supports NetEase Enterprise, Ali, Tencent, NetEase, QQ, or custom mailboxes).



- **Settings:** It is used to customise the Whiteboard functionality with these options:
 - **Time Display:** Toggle the visibility of the time in the top-right corner.
 - **Background:** Choose a background style (solid colour, image, or grid).
 - **Email Settings:** Configure the email account for sharing files. It supports NetEase mailbox, QQ mailbox and custom mailbox.
 - **Pen/Eraser Sensitivity:** Adjust the sensitivity of the pen and eraser for precise writing and erasing. Customise pen or eraser types to suit your preferences.
1. **Finger Erase:** Enable to use a finger for precise, small-area erasing; disable to turn off this feature.
 2. **Write and Erase:** When enabled, allows simultaneous writing and erasing; disable to separate these actions.
 3. **Rotatable Eraser:** When enabled, it supports rotational erasing; disable to prevent eraser rotation recognition.
 4. **Palm Rejection:** When enabled, filters unintended palm touches during writing; disable to allow all touch inputs.

Exit: Click to close the Whiteboard app. If unsaved changes exist, you'll be prompted to save.

Tip: Save your work frequently to avoid losing changes when creating new files or exiting.

2.5.2 Page Management

Manage individual whiteboard pages with these tools:

- **Previous Page:** Click to switch to the previous page. It is disabled on the first page.
- **Next Page:** Click to switch to the next page. Disabled on the last page.

- **Add Page:** Inserts a new page after the current one and displays it.
- **Page Number:** Shows the current page and total pages (e.g., “02/02”). Click the displayed page number (e.g., 02/02) to view a list of all pages, where you can delete, share, or export pages.

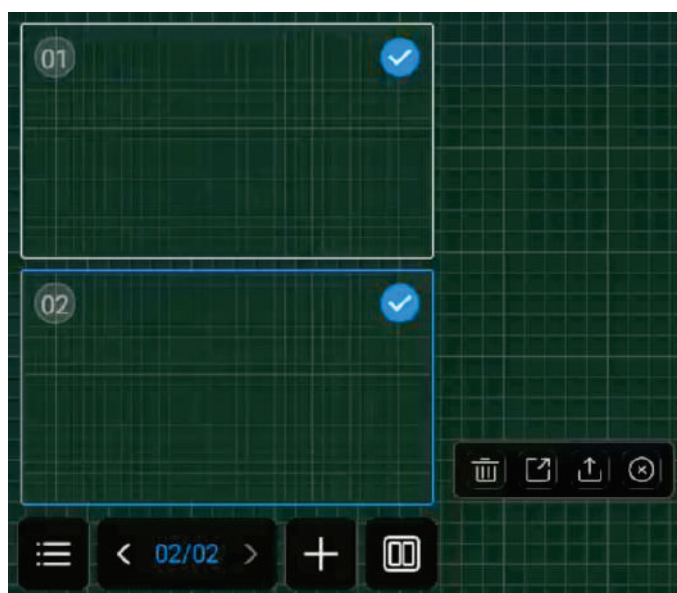


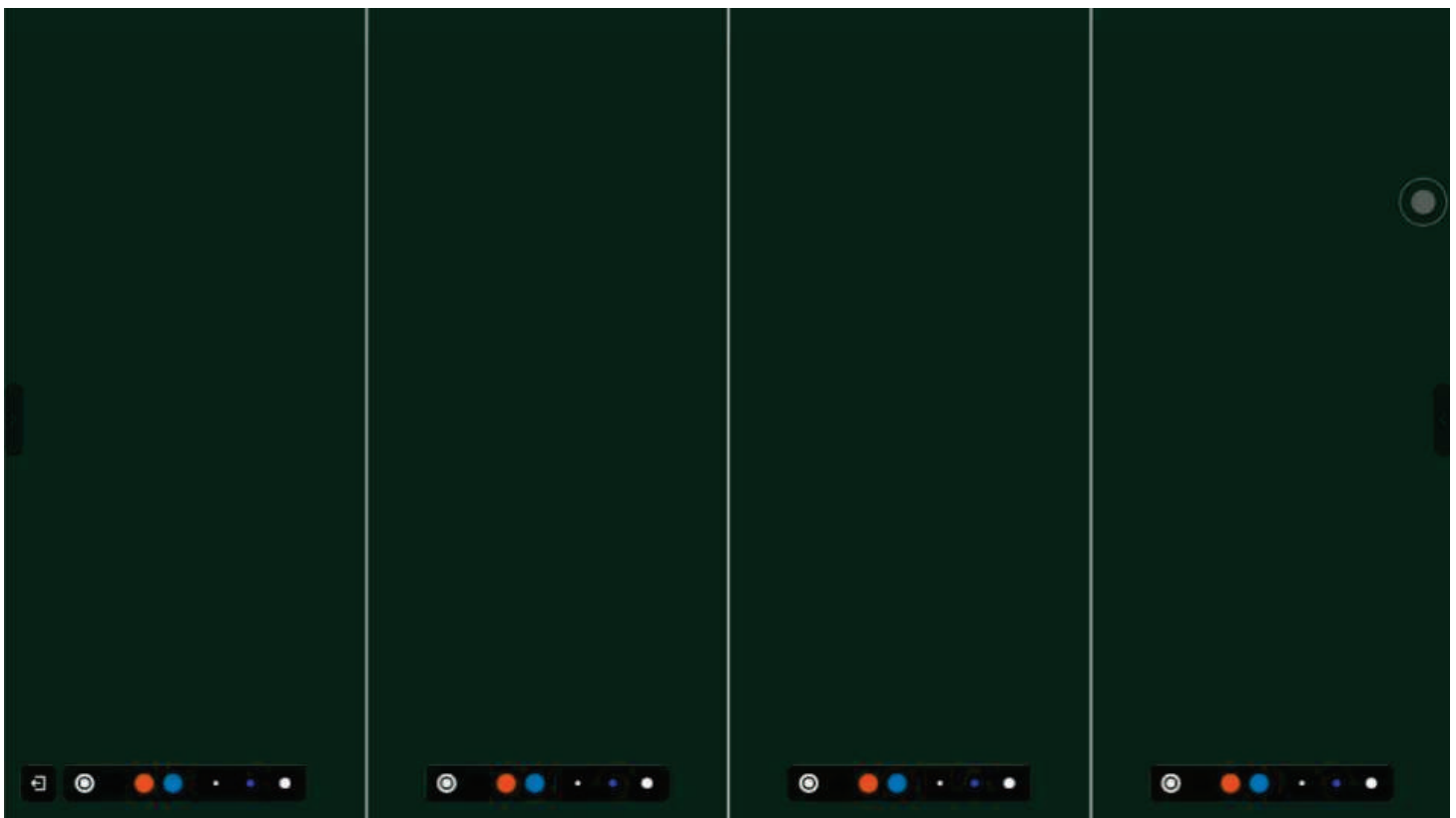
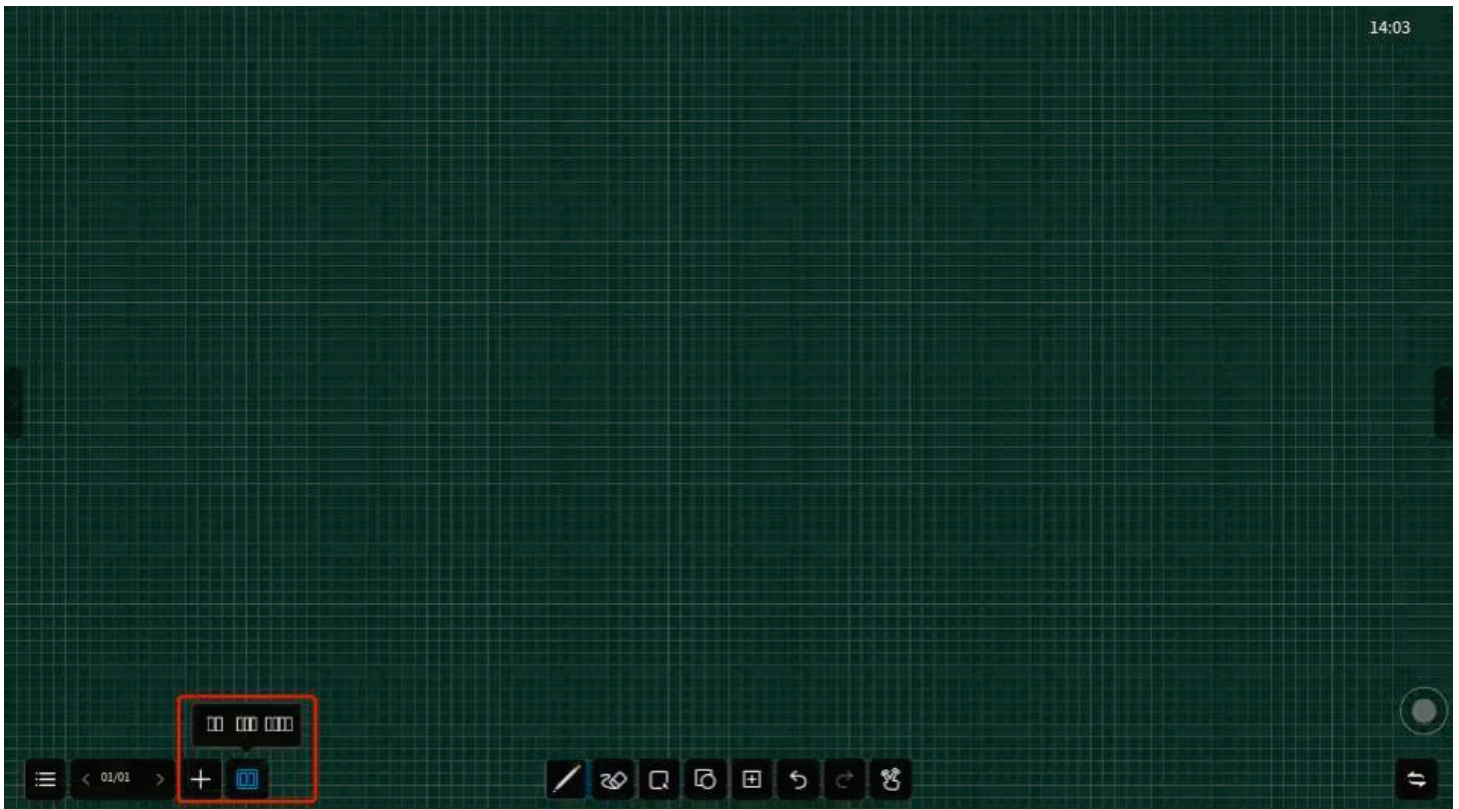
2.5.3 Split-Screen Writing

Divide the Whiteboard into multiple screens for independent writing.

How to use:

Click the split-screen icon to select a layout (2, 3, or 4 screens). Each screen operates independently, allowing multiple users to write without interference.





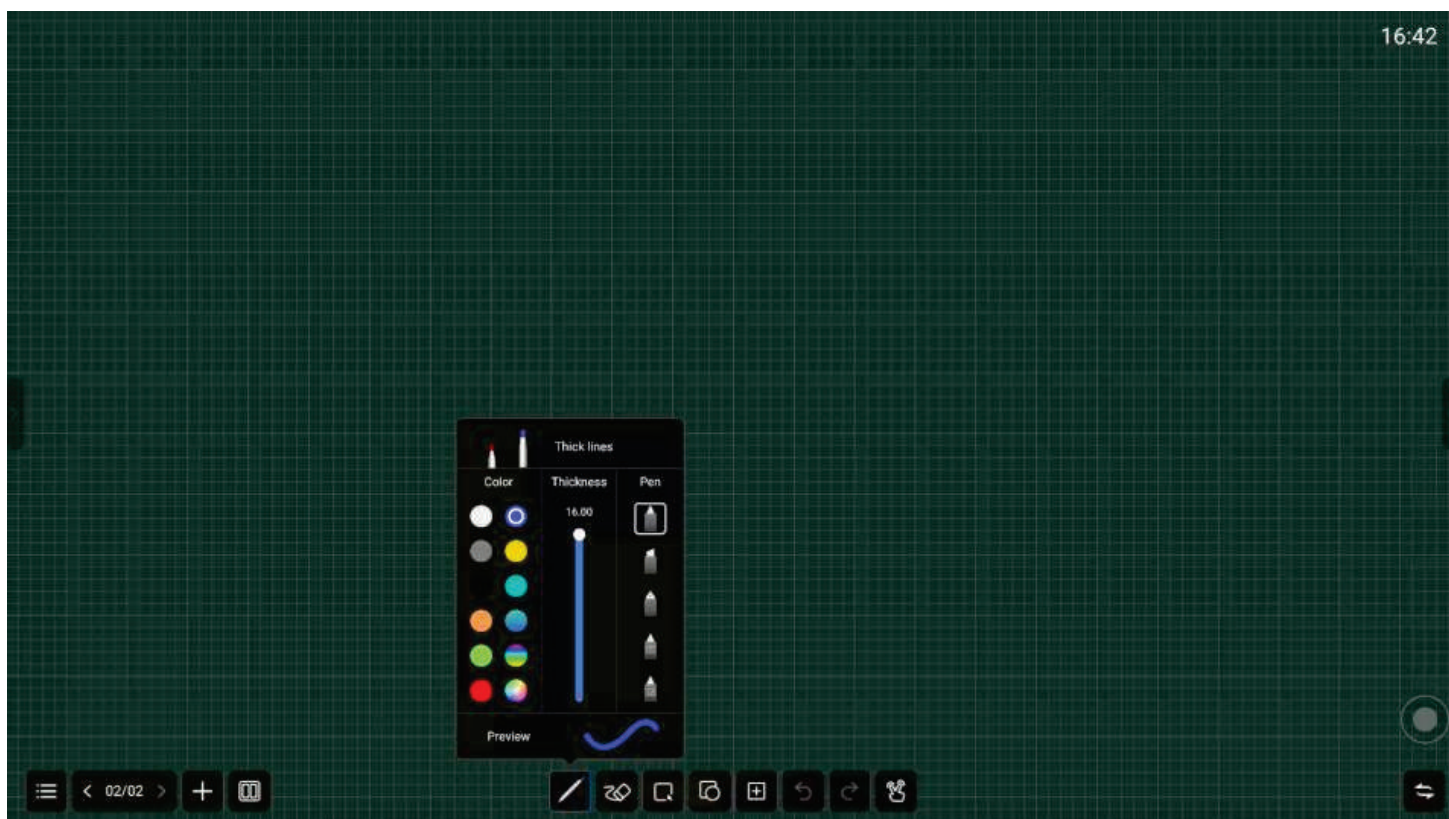
2.5.4 Paintbrush

Customise the brush for writing or drawing:

How to use:

- Click the brush icon to adjust settings.

- **Colour:** Choose from 9 solid colours, 2 gradient colours, or a custom colour.
- **Thickness:** Adjust from 2 to 16 units, with a preview below.
- **Style:** Select from standard brush, marker, pen, or intelligent brushes (text recognition converts handwriting to printed text; shape recognition converts drawings to geometric shapes).

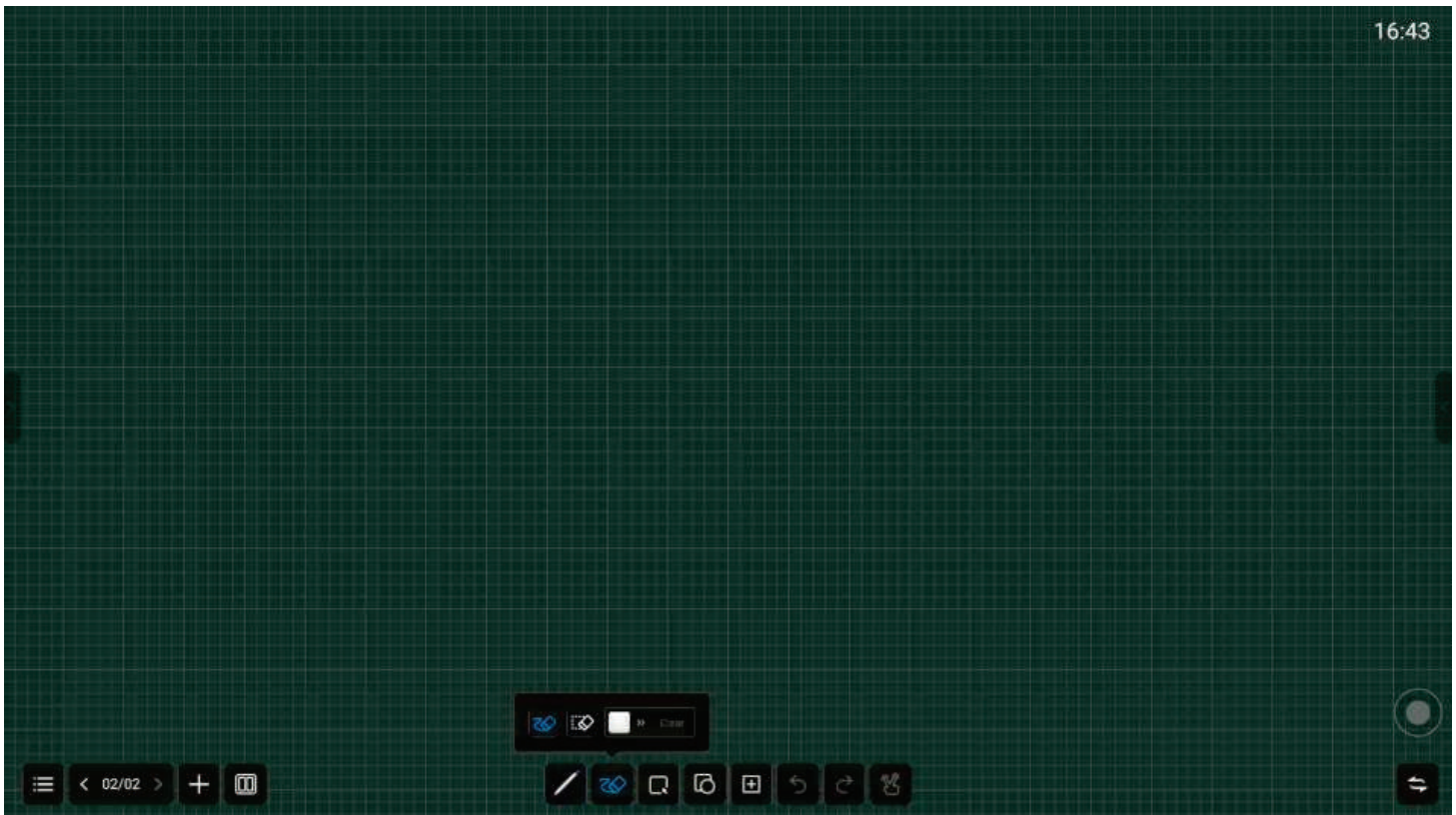


2.5.5 Eraser

Remove whiteboard content using these methods:

- **Palm Erase:** Swipe with your palm or the back of your hand to erase.
- **Circle Erase:** Draw a circle around content to delete it.
- **Path Erase:** Cross out content to remove it.
- **Clear Page:** Swipe the clear button to erase all content on the current page.

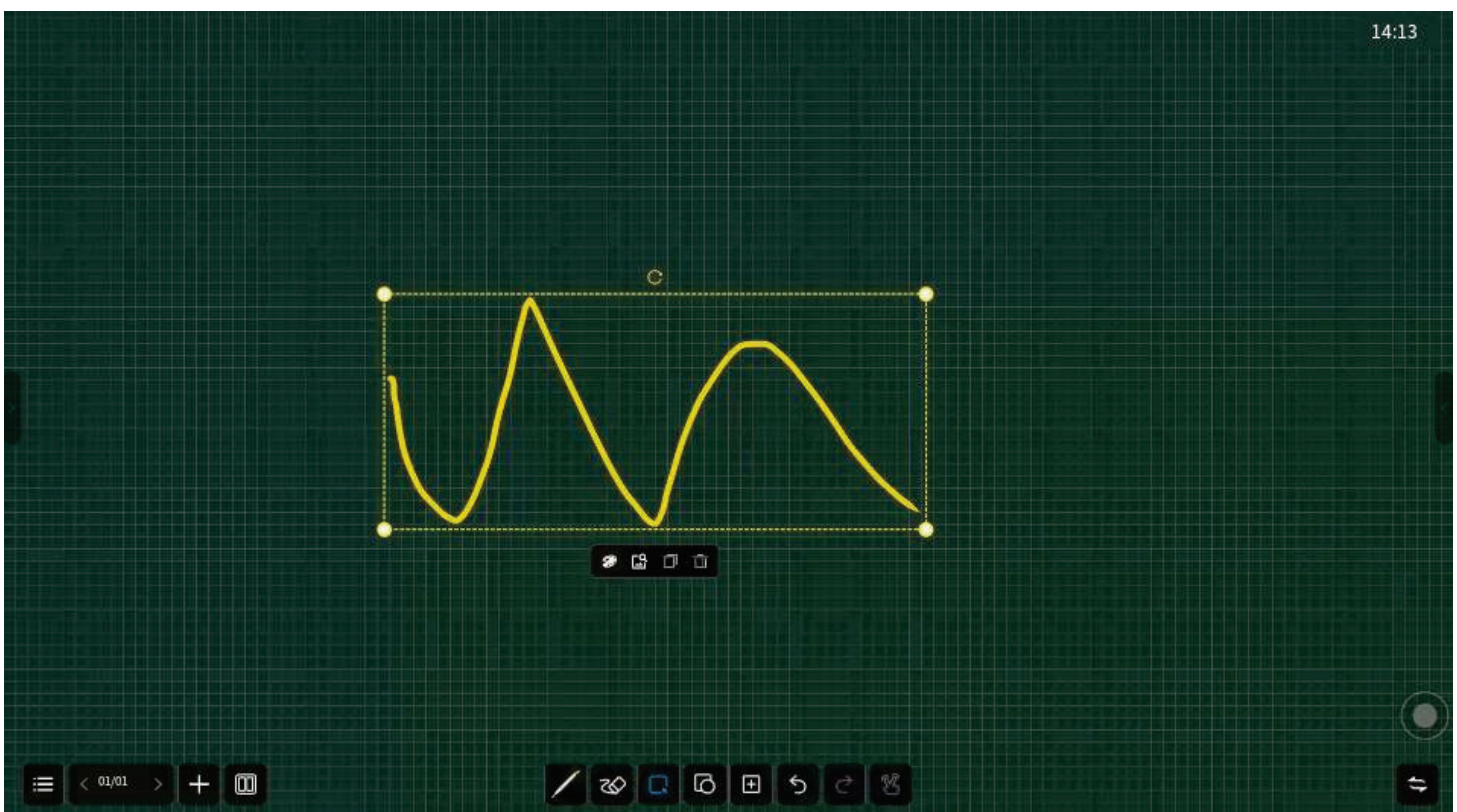
Tip: Enable finger erase in Settings for precise erasing in small areas.



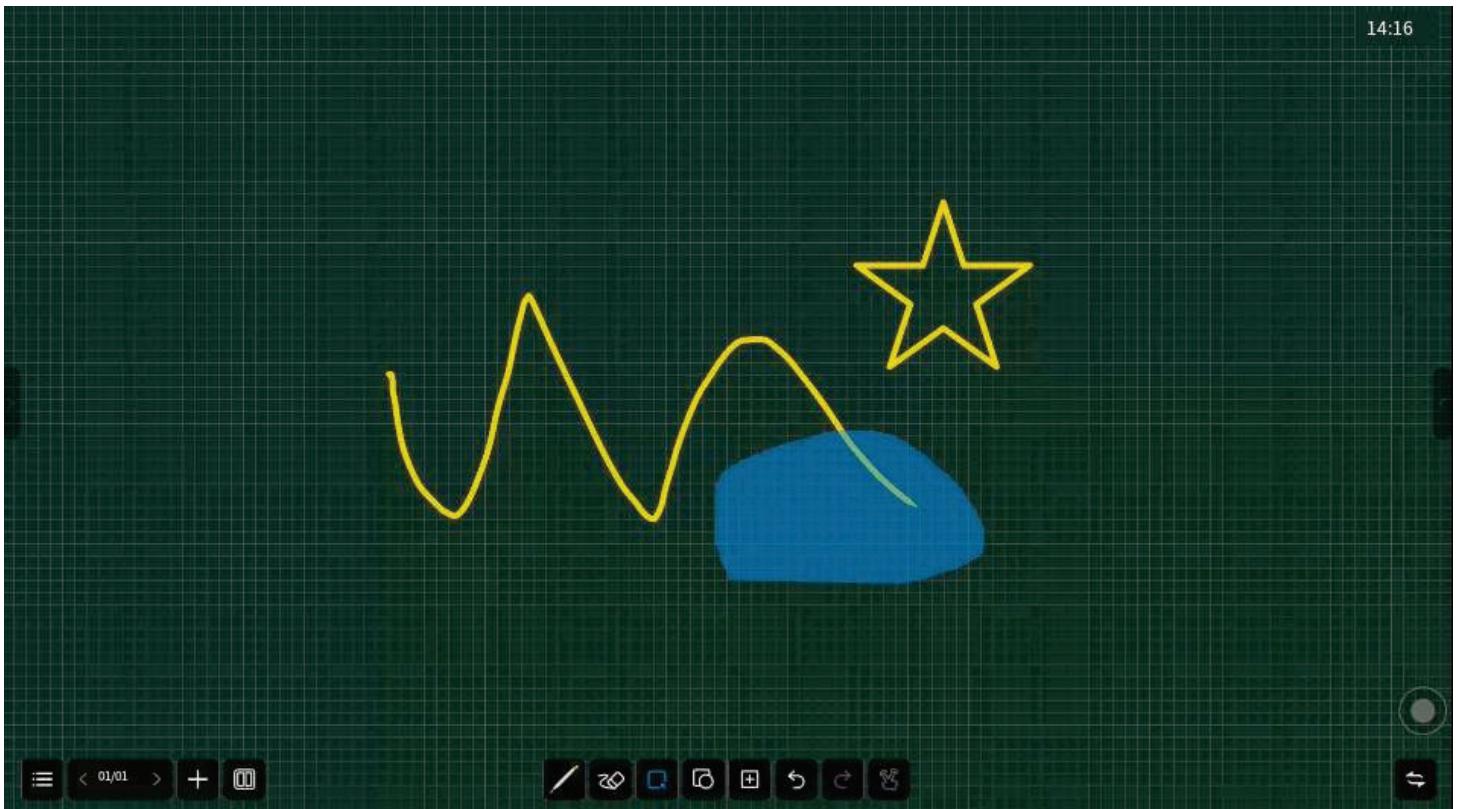
2.5.6 Selection Tool

Edit whiteboard elements (handwriting, images, etc.):

1. Click the select icon to enter selection mode.
2. Click or box-select elements to resize, rotate, change colour, copy, delete, or search for images. (Add image as provided)



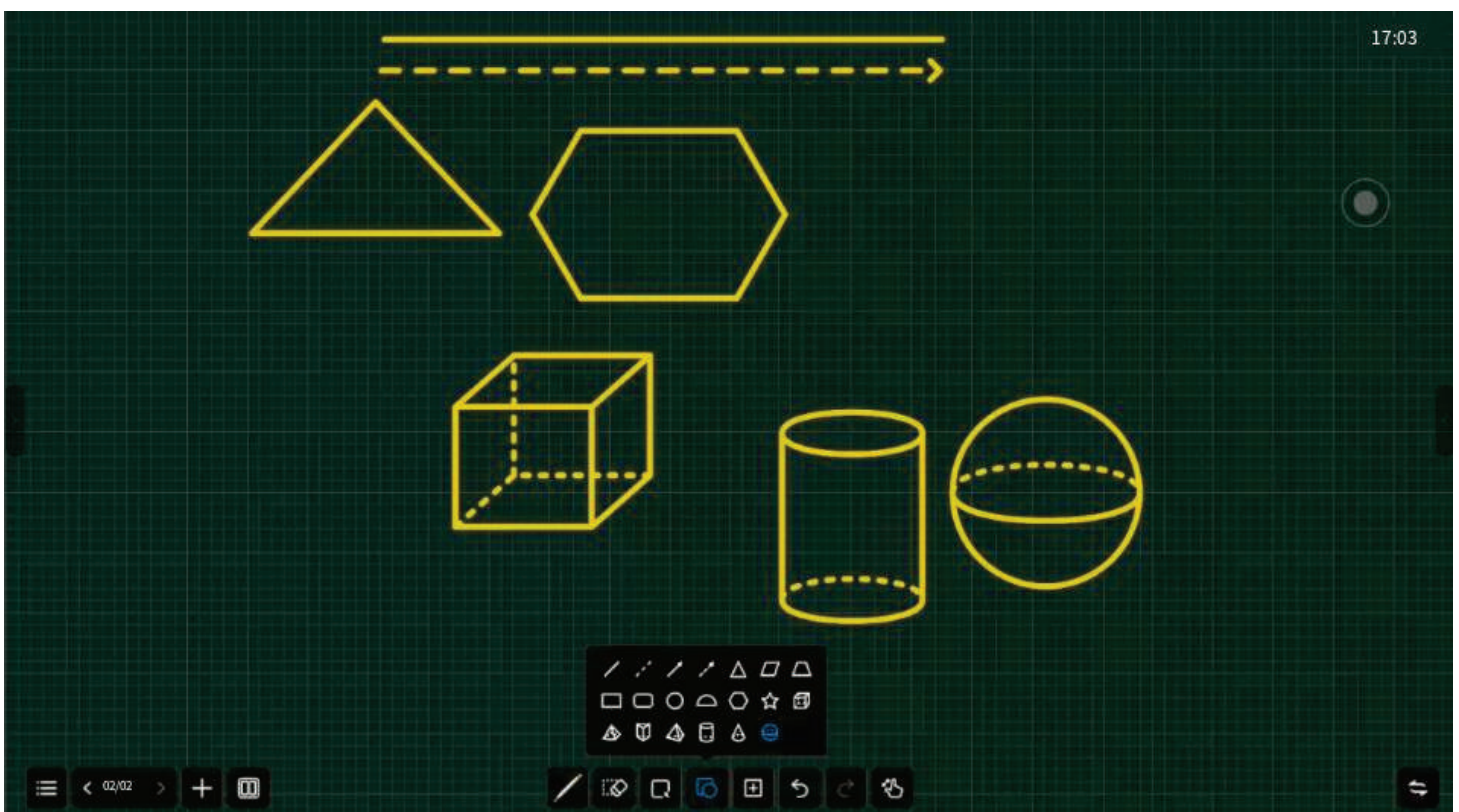
3. Long-press a searched image to insert it into the whiteboard.



2.5.7 Graphics

Draw geometric shapes:

1. Select a shape (lines, plane shapes, or stereo shapes) and drag with your touch to draw.
2. Resize or rotate shapes after placement.

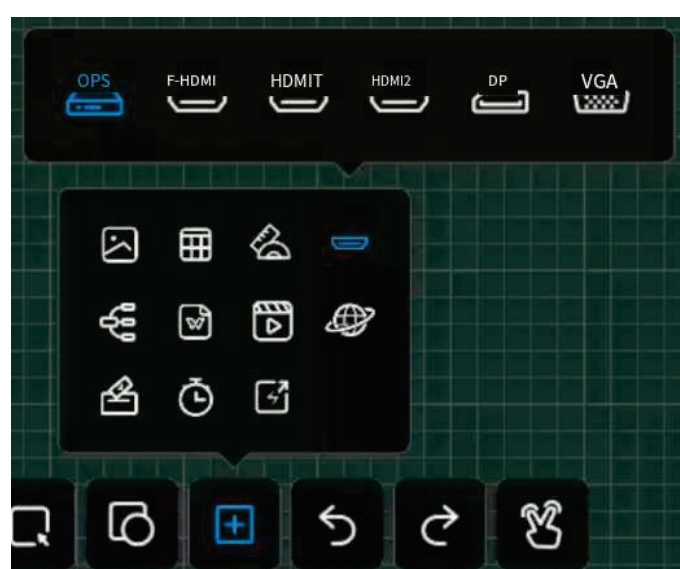
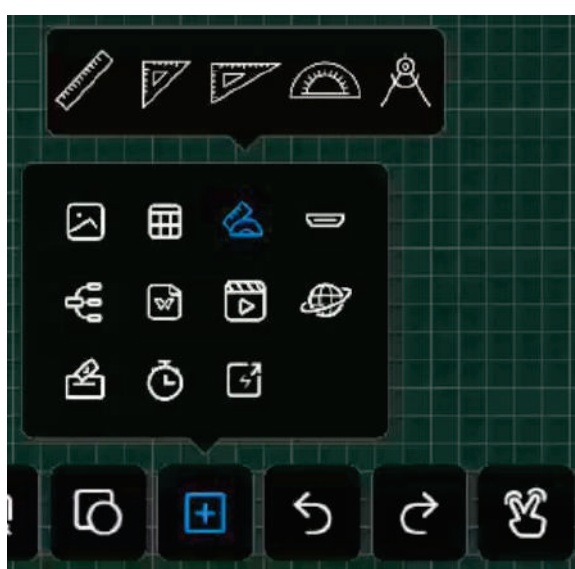


2.5.8 Toolbox

Insert additional tools into the Whiteboard:



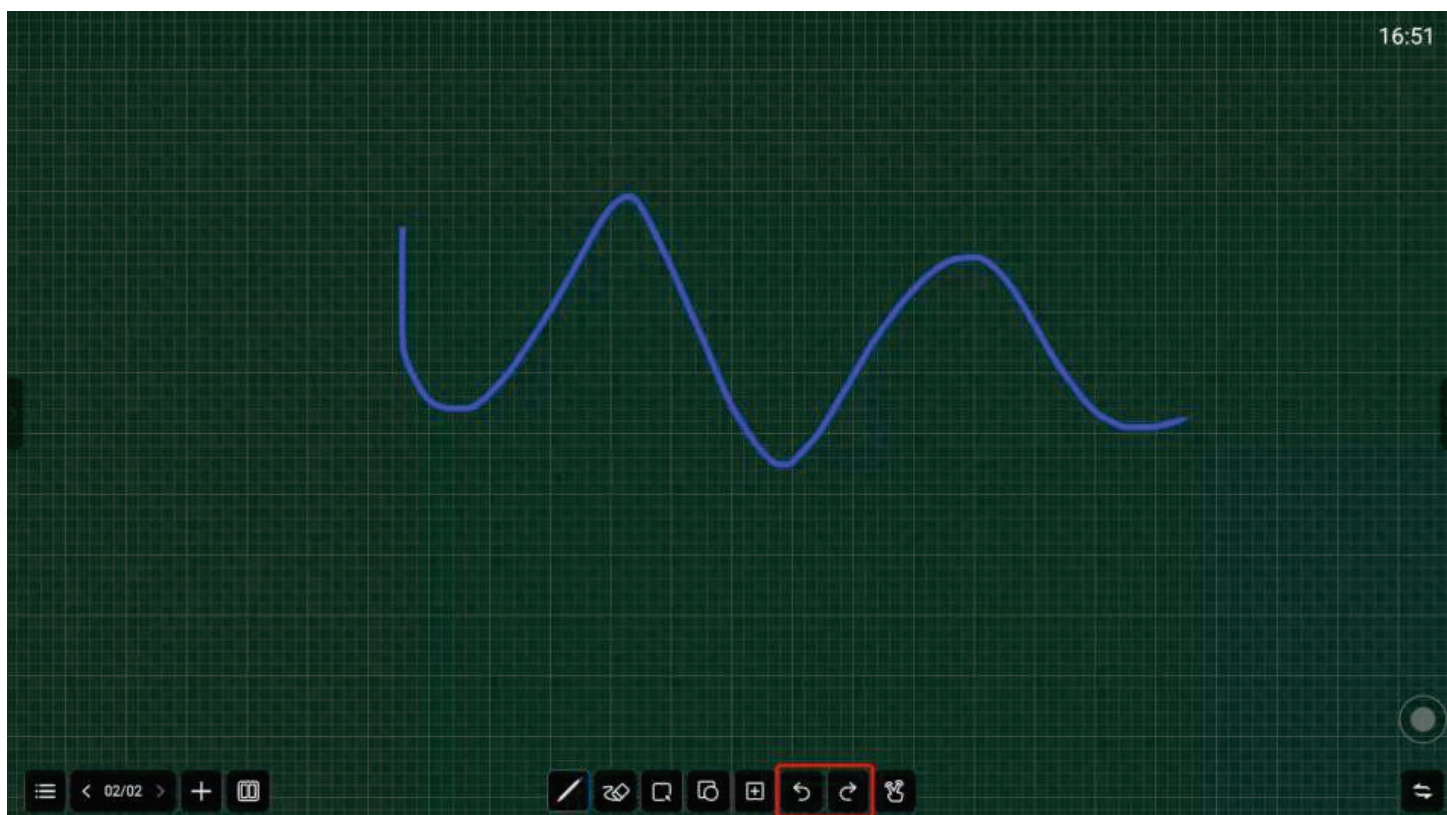
- **Images:** Select up to 10 images from the File Manager's image page to insert into the whiteboard.
- **Tables:**
 1. Click the table icon.
 2. Choose the number of rows and columns, then click OK to insert.
 3. Use the brush to add content (table size adjusts automatically).
 4. Draw horizontal/vertical lines to add rows/columns or a "Z" shape to delete them.
 5. Use the selection tool for additional row/column operations.
- **Math Tools:** Click to insert movable and resizable tools (ruler, triangle, isosceles triangle, protractor,
- **Channels:** Click to display different signal sources (e.g., HDMI) in a free



- **Mind Maps:** Insert a mind map with adaptive sizing based on brush input.
- **Documents:** Insert PPT, Word, or PDF files from the File Manager via a WPS free window.
- **Videos:** Insert video files from the File Manager via a free media player window.
- **Browser:** Search and display web content in a window.
- **Votekit:** See Section 2.13.7.
- **Timer:** See Section 2.13.8.
- **Eazy Upload:** See Section 2.13.3.

2.5.9 Undo and Redo

- Undo: Reverts the last action (up to 30 steps).
- Redo: Restores the last undone action.



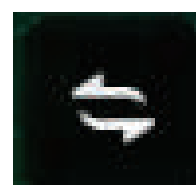
2.5.10 Two-Finger Zoom and Multi-Finger Writing

Click to switch between two-finger zoom (for scaling content) and multi-finger writing.



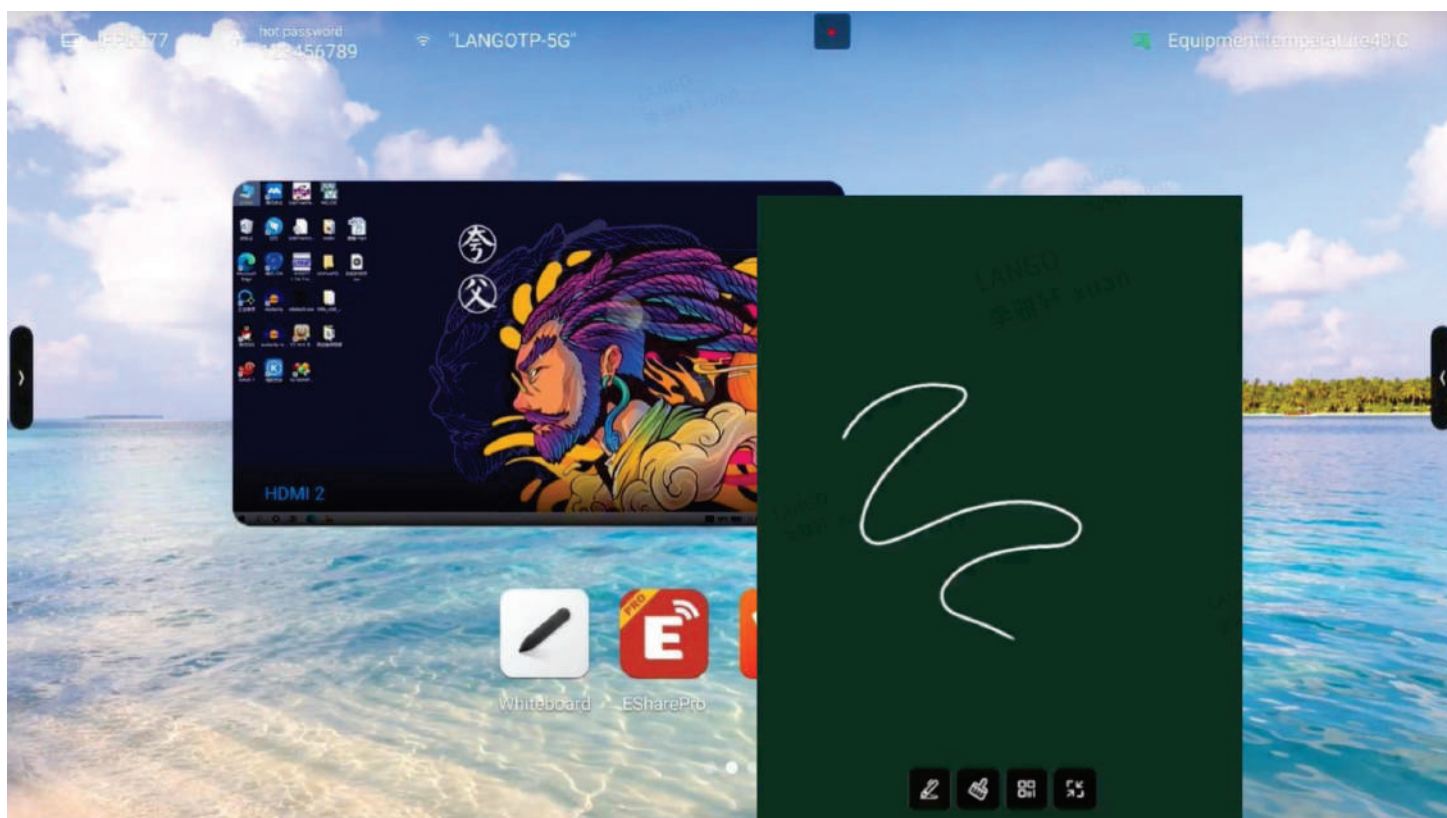
2.5.11 Layout Toggle

Click to switch the position of the Whiteboard's menu and writing area to accommodate the presenter's location.



2.6 MINI WHITEBOARD

The Mini Whiteboard is a quick-access tool for writing notes on any screen. Swipe up from the bottom of the display to open it.



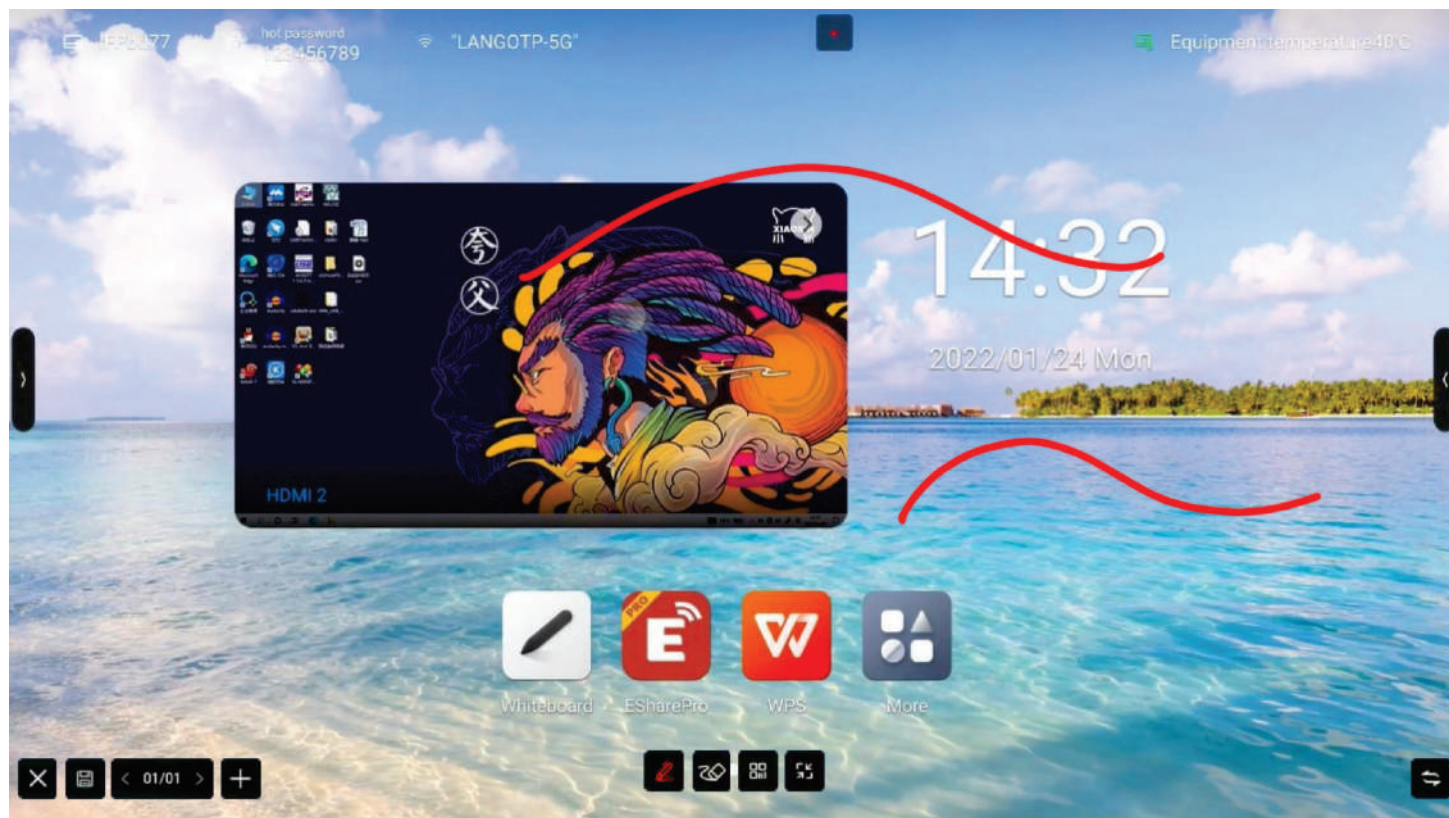
Features:

- **Brush:** Select from multiple colours for quick writing.
- **Eraser:** Remove content using methods from the main Whiteboard app (see Section 2.5.5):
 1. **Palm erase:** Swipe with your palm or the back.
 2. **Point erase:** Click specific areas to delete.
 3. **Circle erase:** Circle content to remove it.
- **QR Code Sharing:** In a networked state;
 1. Click the QR code icon to generate a web link QR code.
 2. You can **scan the QR code** with a mobile device to download the content as an image.
 3. Click the encryption option to add a 4-digit password, required after scanning to access the content.
- **Minimise:** Click the minimise icon to collapse the Mini Whiteboard. Alternatively, slide with multiple fingers to hide it.

Tip: Use the Mini Whiteboard for quick notes during presentations without opening the full Whiteboard app.

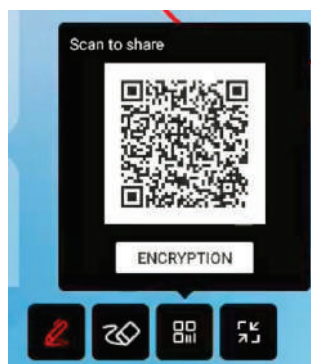
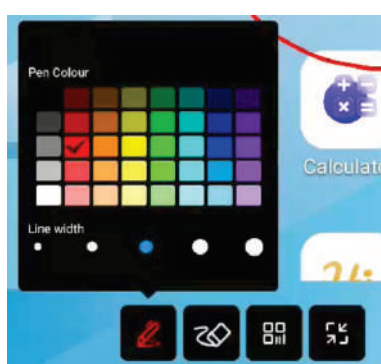
2.7 ANNOTATION

Enter annotation mode by clicking the Annotation icon in the Compass (see Section 2.4). The current screen is captured as a background for annotating.



The interface includes three sections:

- **Left Action Bar**
 1. **Exit:** Clears all annotations and exits annotation mode.
 2. **Save:** Saves the annotated page locally as an image or PDF.
 3. **Add:** Creates a new page for annotation on the same background. Flip between pages if multiple exist.
- **Middle Toolbar**
 1. **Brush:** Defaults to red. Click the brush icon to adjust colour, opacity, and thickness.



2. **Scan to Share:** Generates a QR code for sharing annotations. Click on encryption to enable and add a 4-digit password, required after scanning to access the content.

3. **Eraser:** Uses the same methods as the Whiteboard app (see Section 2.5.5).
4. **Minimise:** Temporarily hides annotation mode to allow page switching or interaction with the underlying screen.
- **Right Toggle Button**
1. **Layout Toggle:** Switches the annotation toolbar's position to suit the presenter's location (see Section 2.5.11).

Note: Save annotations before exiting to preserve your work.

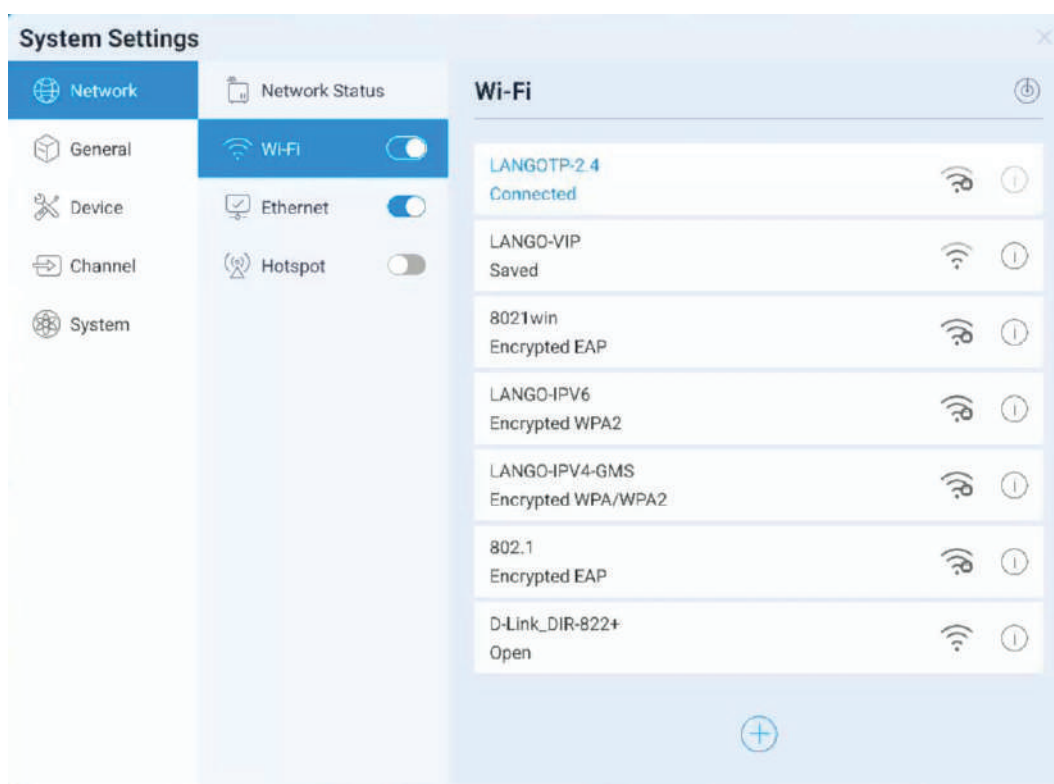
2.8 SYSTEM SETTINGS

The System Settings menu allows you to configure network, general preferences, and device options. Access it via the Launcher or Status Bar (see Section 2.2).

2.8.1 Network

Manage network connections and view status details.

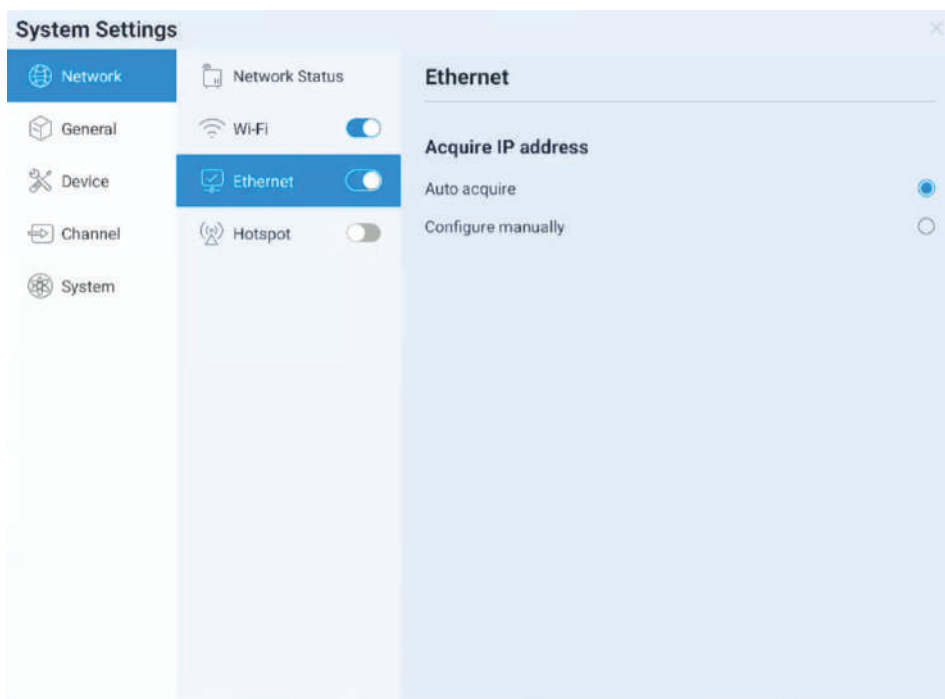
- **Network Status:** Displays current network information, including:
 1. Connection type (Ethernet or Wi-Fi).
 2. IP address, default gateway, subnet mask, and DNS settings.
- **Wi-Fi**
 1. **Toggle:** Click on wi-fi to enable or disable Wi-Fi.
 2. **Refresh:** Click the refresh icon in the top-right corner to update the network list.
 3. **Add:** Click the add icon at the bottom to manually enter a hidden network's name and password.
 4. **Connect:** Select a network from the list and enter the password to connect.



- **Ethernet:** Turn on Ethernet to connect via a wired network.

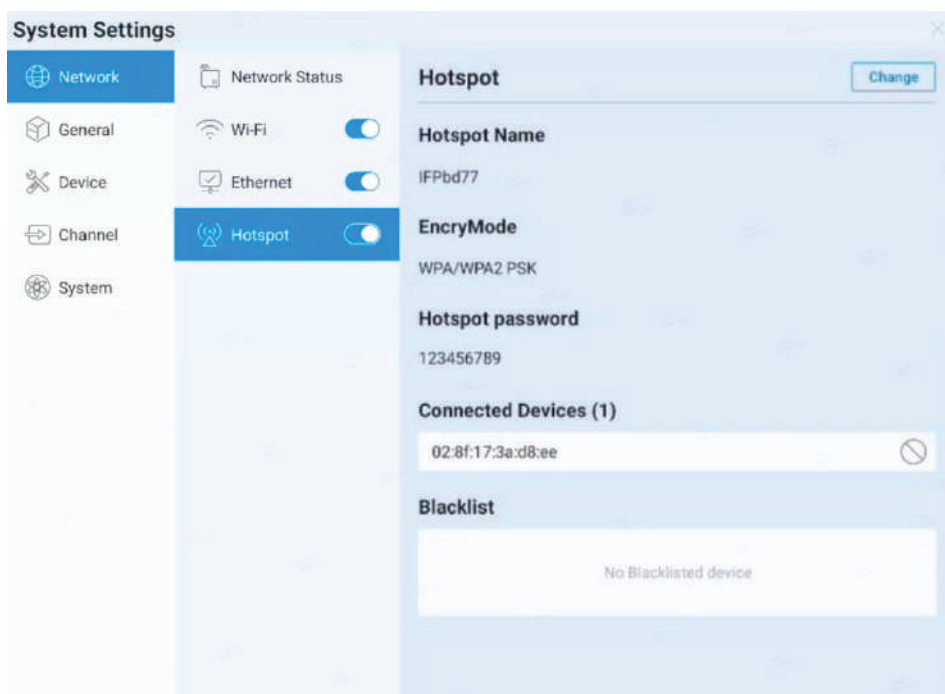
IP Configuration:

1. **Automatic:** Obtains an IP address automatically upon connection.
2. **Manual:** Enter IP address, default gateway, subnet mask, DNS1, and DNS2 manual



Hotspot

1. **Password:** Displays the current hotspot password. Click to change it.
2. **Encryption Mode:** Shows the current encryption method.
3. **Connected Devices:** Lists devices connected to the hotspot.
4. **Blacklist:** Displays blocked devices, which cannot connect to the hotspot.



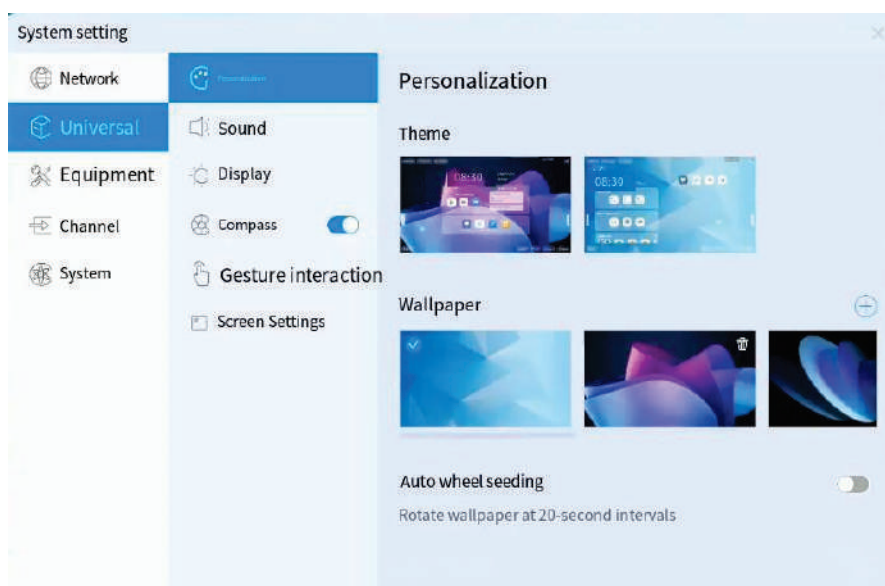
Tip: Secure your hotspot with a strong password to prevent unauthorised access.

2.8.2 General

Customise the Smaat IFPD's appearance, sound, display, and interaction settings.

- **Custom**

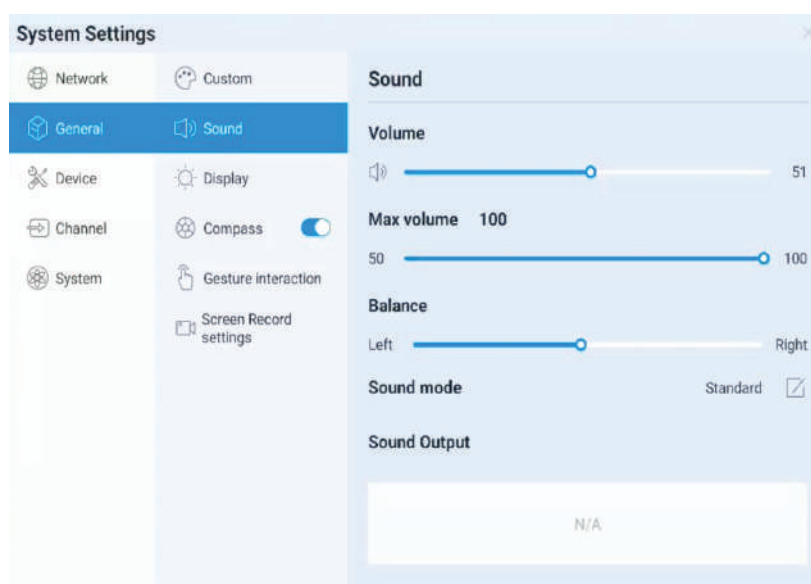
1. **Theme:** Choose between two default themes (Conference or Education themes) for different home screen styles.
2. **Wallpaper:** Select from seven default wallpapers or upload a custom image.
3. **Auto wheel seeding:** Turn on to enable automatic wallpaper rotation every 20 seconds.



- **Sound:**

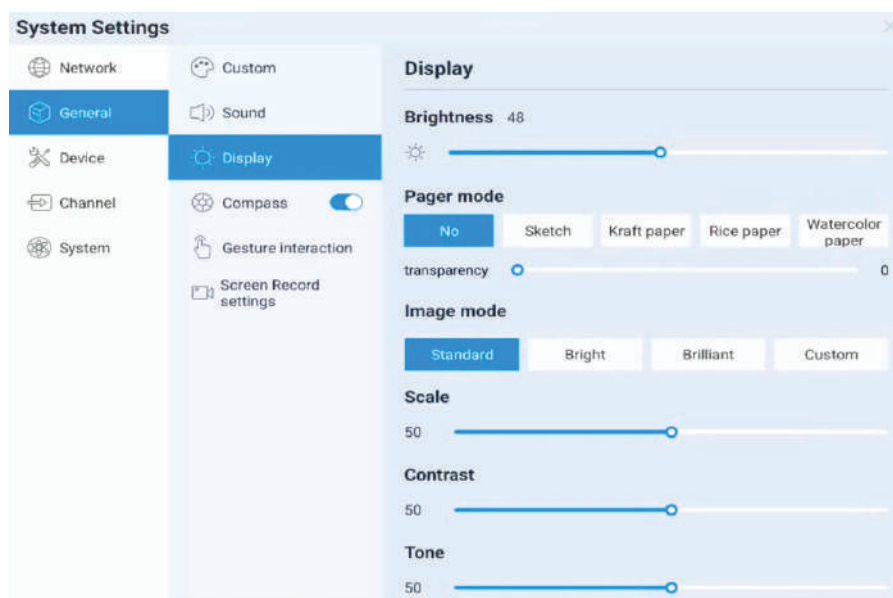
Volume: Adjust the system volume (also controllable via remote or device buttons: Volume + and Volume –).

- **Max Volume:** Set the maximum volume limit.
- **Balance:** Adjust left and right channel balance.
- **Sound Mode:** Choose from Standard, Conference Room, Cinema, or Classroom modes, or create a custom mode.



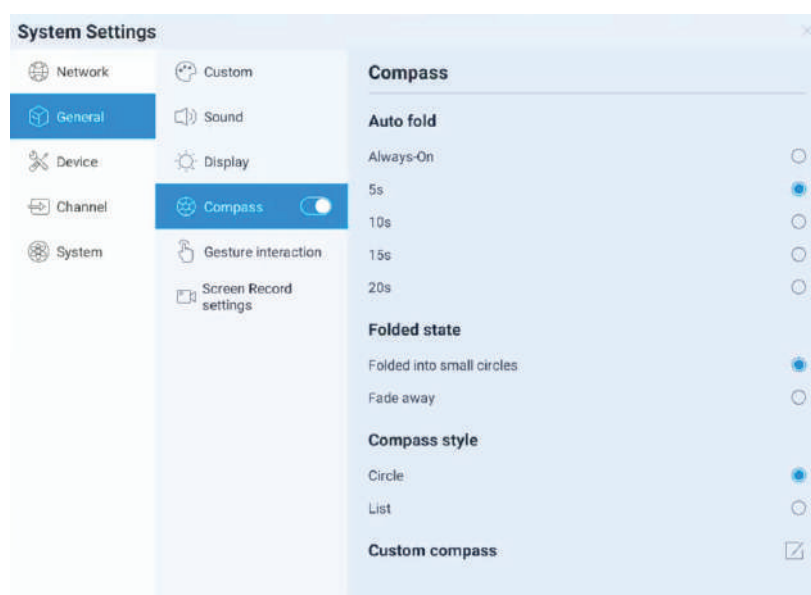
- **Display:**

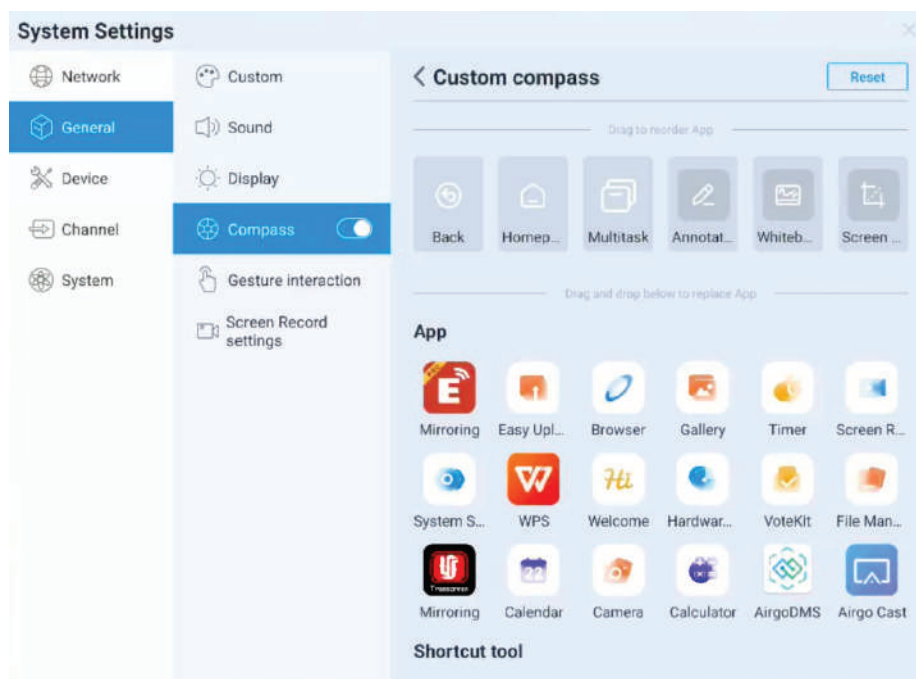
1. **Brightness:** Adjust backlight brightness (the lower the value, the darker the screen).
2. **Paper Mode:** Select from Sketch, Kraft Paper, Rice Paper, or Watercolour Paper effects.
3. **Image Mode:** Choose Standard, Bright, or Vivid modes, or customise settings.
4. **Colour Adjustment:** Modify colour scale, contrast, and tone.



- **Compass:**

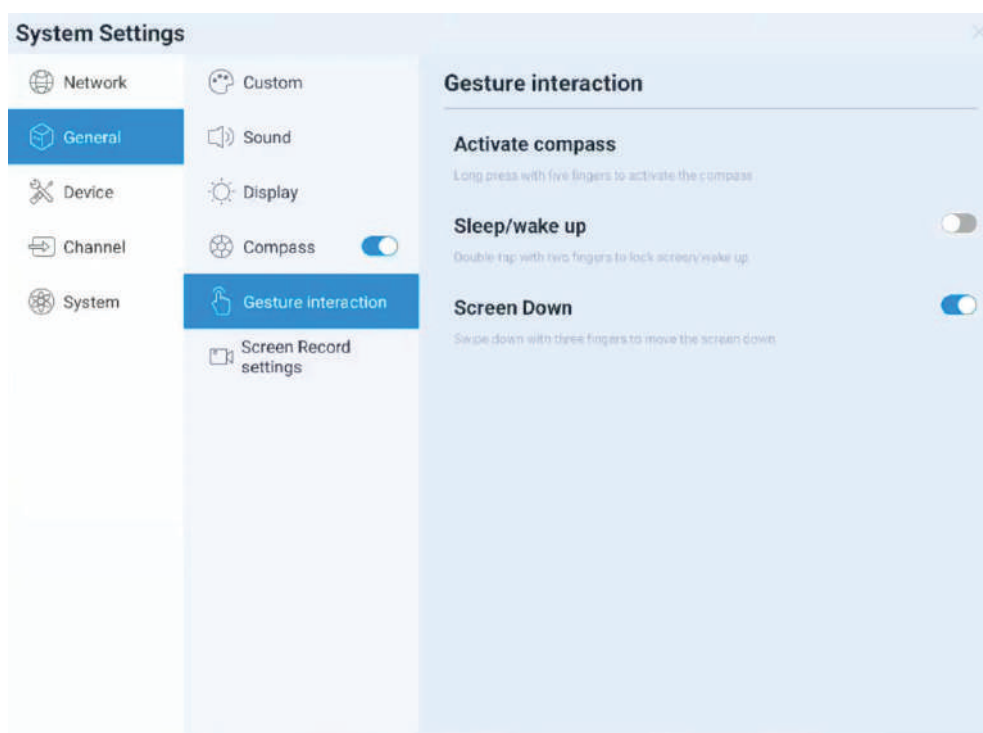
1. **Toggle:** Click the Compass switch to change its display state. When turned off, the Compass cannot be activated. When turned on, long-pressing with five fingers will bring up the Compass.
2. **Auto-Fold:** Set the time before the Compass folds automatically.
3. **Folded State:**
 - a. **Small Circle:** Select this option to fold only the four edges of the Compass, keeping the centre circle visible. Click the circle to expand the Compass.
 - b. **Disappear:** Select this option to hide the Compass completely when folded. It will not appear on the screen and must be recalled using a five-finger long-press.
4. **Compass Style:** Choose between Roulette or List layouts.
5. **Custom Icons:** Customise the last three Compass icons as shown below by dragging preferred apps to the desired positions.





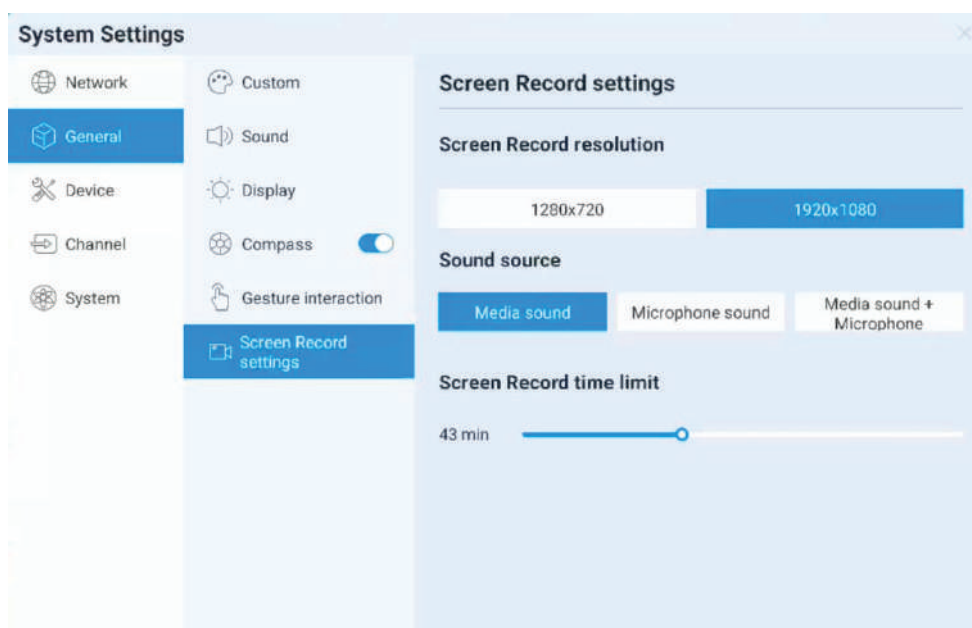
- **Gesture Interaction:**

1. **Activate Compass:** Enabled by default for five-finger long-press.
2. **Sleep/Wake:** Double-click with two fingers to turn the screen off, repeat to wake it.
3. **Screen Down:** On the channel pages, slide three fingers downward to scroll the screen.



- **Screen Recording:**

1. **Resolution:** Choose from the two available resolutions.
2. **Sound Source:** Select the audio source for recordings (e.g., Media, Microphone or Media + Microphone)
3. **Time Limit:** Set the maximum recording duration; a save prompt appears when reached.

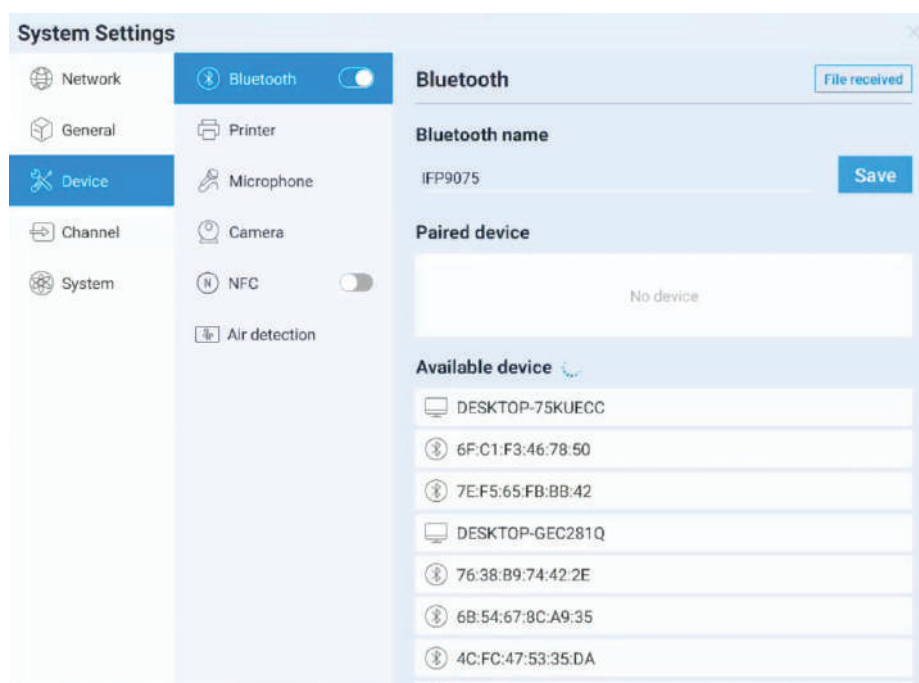


2.8.3 Device

Configure external devices connected to the Smaat IFPD, including Bluetooth, printers, microphones, cameras, NFC, and air detection equipment.

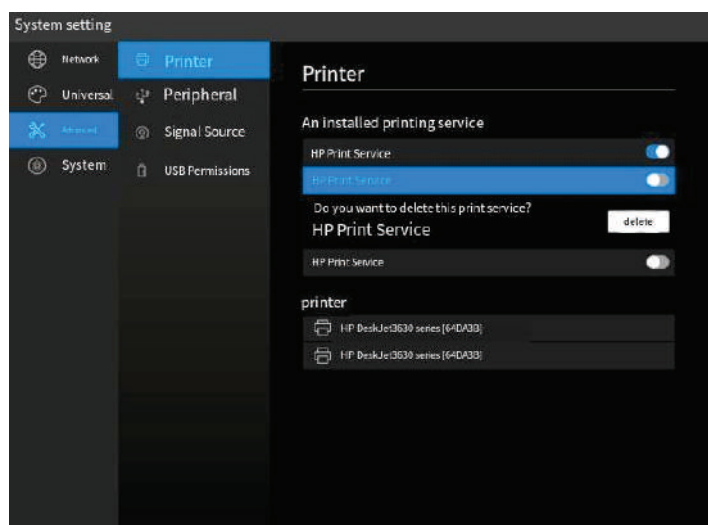
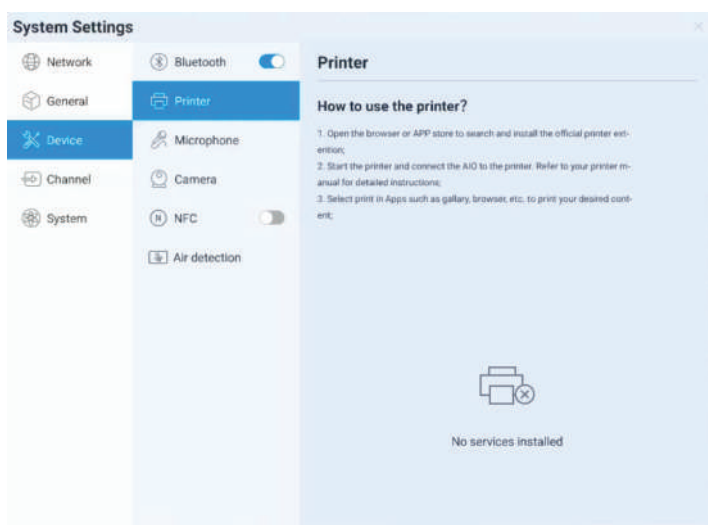
- **Bluetooth:** When enabled, search for and connect to Bluetooth devices (e.g., mouse, keyboard, headset, speakers, mobile devices, PCs, or unrecognised devices).
 1. **Received Files:** View a folder with all files received via Bluetooth.
 2. **Bluetooth Name:** Modify the device's Bluetooth name.
 3. **Paired Devices:** Lists currently paired devices.
 4. **Available Devices:** Shows nearby Bluetooth-enabled devices.

Note: Bluetooth function is dependent on the actual model configuration.

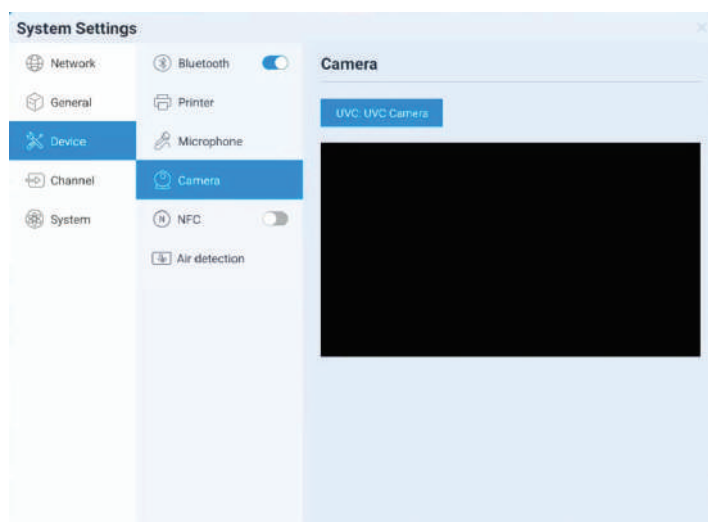
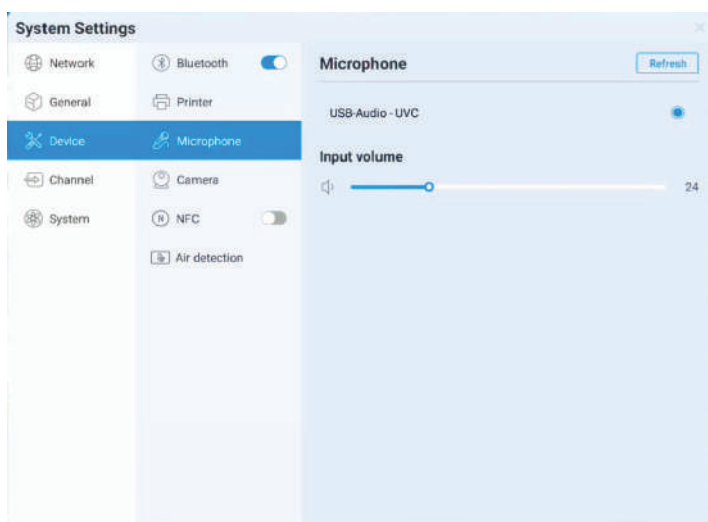


- **Printer:**

1. **Setup:** Follow the instructions in the image below to install printing services.
2. **Enable:** Activate printing services to detect available printers.

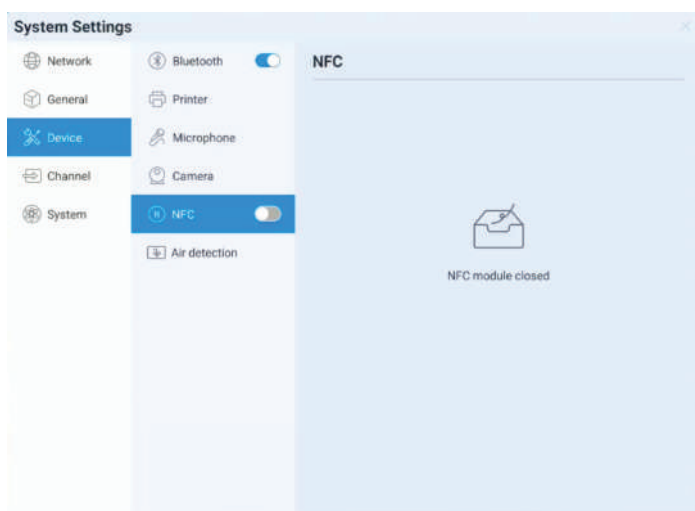


- **Microphone:** Select a connected microphone and test its input to ensure it functions correctly.
- **Camera:** Choose a connected camera and preview its feed to confirm it's working.

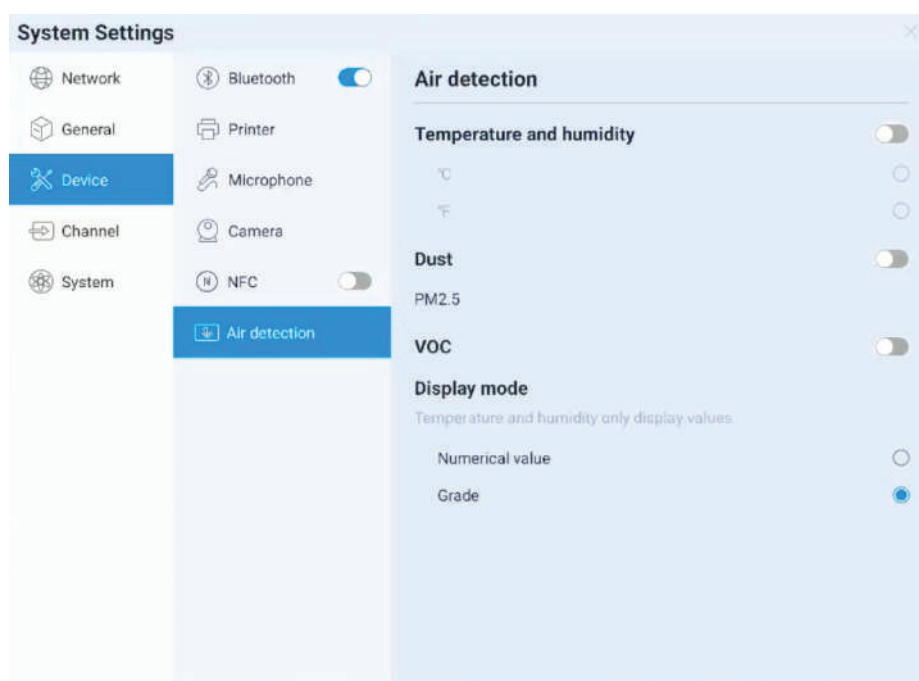


- **NFC**

Toggle: Enable or disable the NFC module to activate or deactivate NFC functionality on the Smaat IFPD.



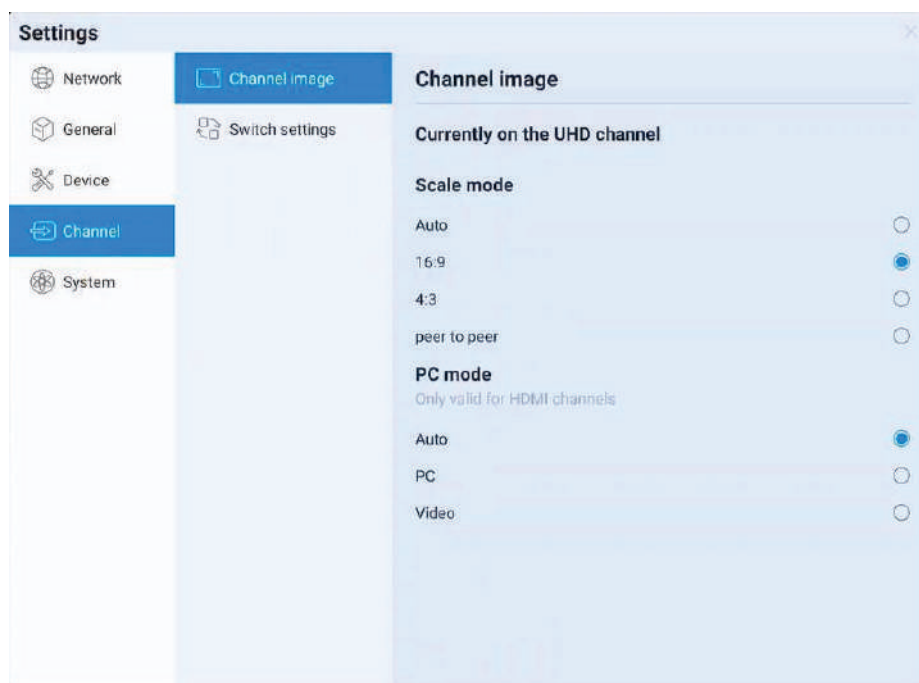
- **Air Detection:** Configure air quality sensor settings:
 1. **Temperature Units:** Choose the preferred temperature unit (e.g., Celsius or Fahrenheit).
 2. **PM2.5 Display:** Enable or disable the display of PM2.5 levels.
 3. **Pollution Levels:** Show or hide air pollution indicators.



2.8.4 Channel

Manage signal source settings for optimal display and operation.

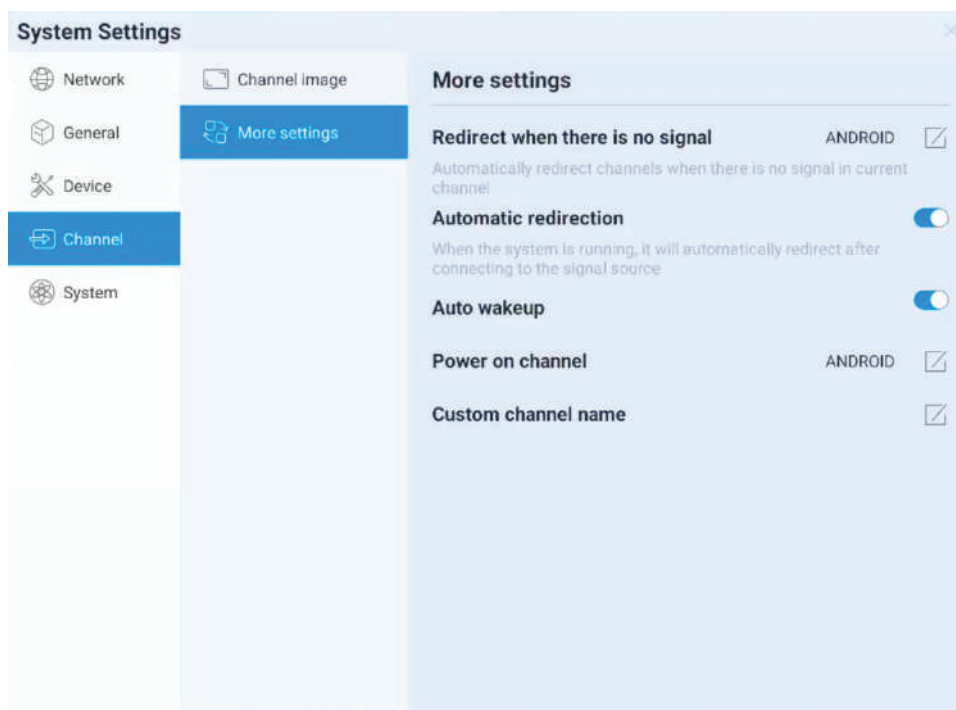
- **Channel Image:** Displays the current signal source's connection status.
- **Scale Mode:** Adjust the display ratio of the input source on the integrated machine.
- **PC Mode:** Select the screen display mode.



- **More Settings**

1. **No-Signal Redirect:** If no signal is detected, the Smaat IFPD automatically switches to a user-defined page.
2. **Automatic Redirect:** When a new signal source is connected, the system switches to display it.
3. **Auto Wake-Up:** Wakes the device from standby or sleep mode when a signal source is connected.
4. **Power-On Channel:** Set the default screen (Android or a specific source) displayed on startup.
5. **Custom Channel Name:** Rename signal sources for easier identification. The system updates to show the new

names.

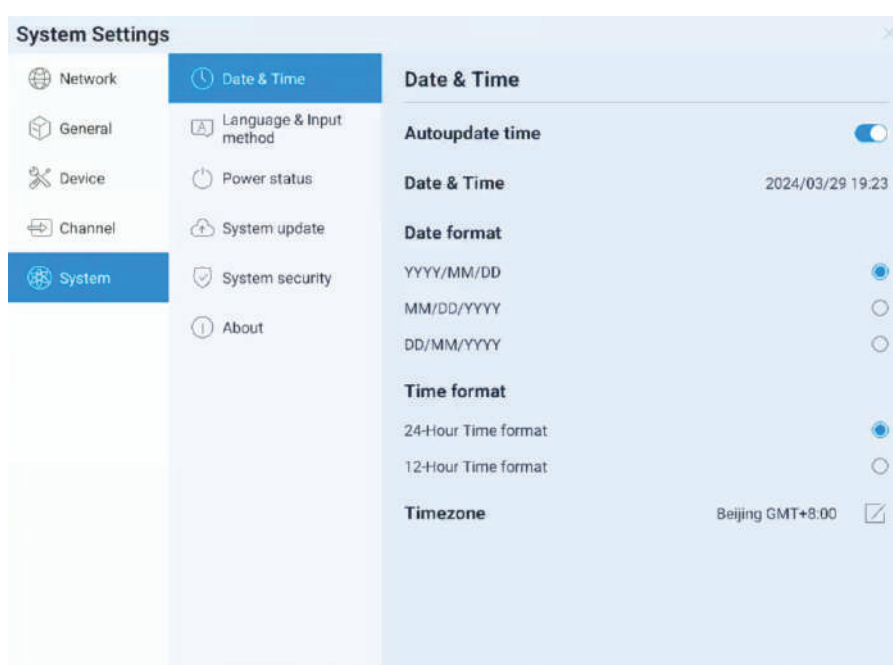


Tip: Customise channel names to match your setup for quicker source selection.

2.8.5 System

System settings can be used to adjust and view system parameters, including date and time, language, power, updates, security, and device information.

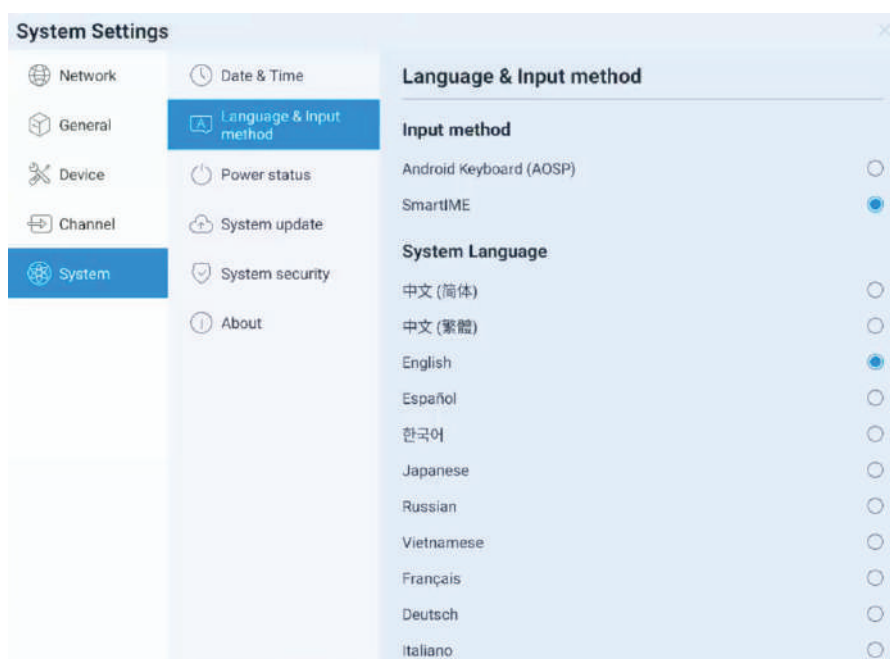
- **Date and Time**



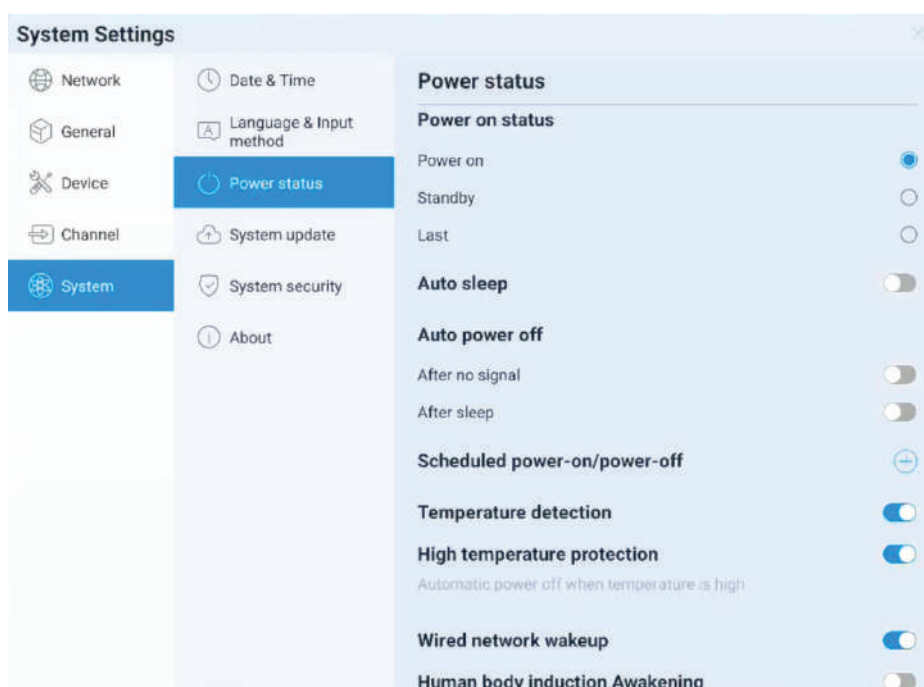
1. **Auto Update:** When enabled, it automatically time with the internet (requires a network connection).
2. **Date and time manual Setting:** Adjust date and time manually (disable Auto Update first).
3. **Date Format:** Choose from three display styles.
4. **Time Format:** Select between 12-hour and 24-hour formats.
5. **Time Zone:** Click to pick a time zone from the selection list.

- **Language and Input Method**

1. **Input Method:** Choose from the available input methods installed on the system.
2. **System Language:** Select from the 21 languages currently supported by the system, including Simplified Chinese, Traditional Chinese, English, Spanish, Korean, Japanese, Russian, Vietnamese, French, German, Italian, e.t.c

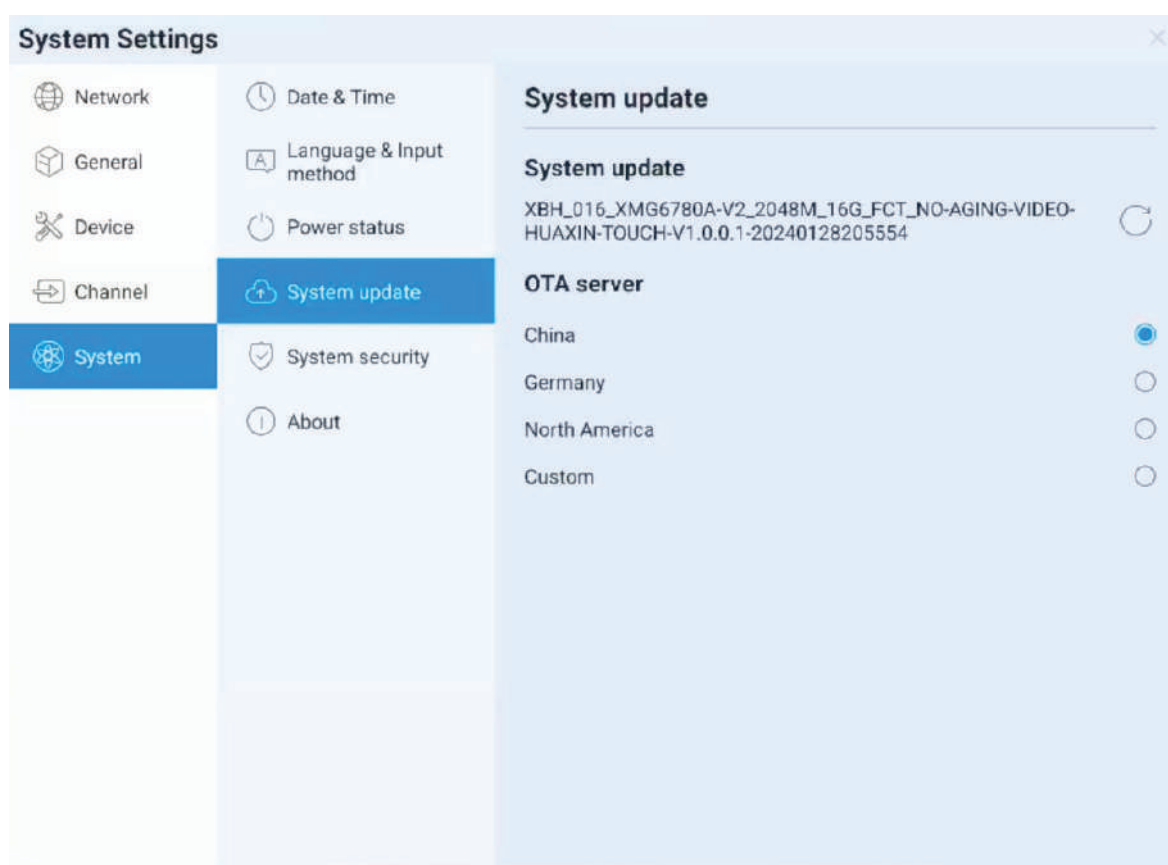


- **Power Status**



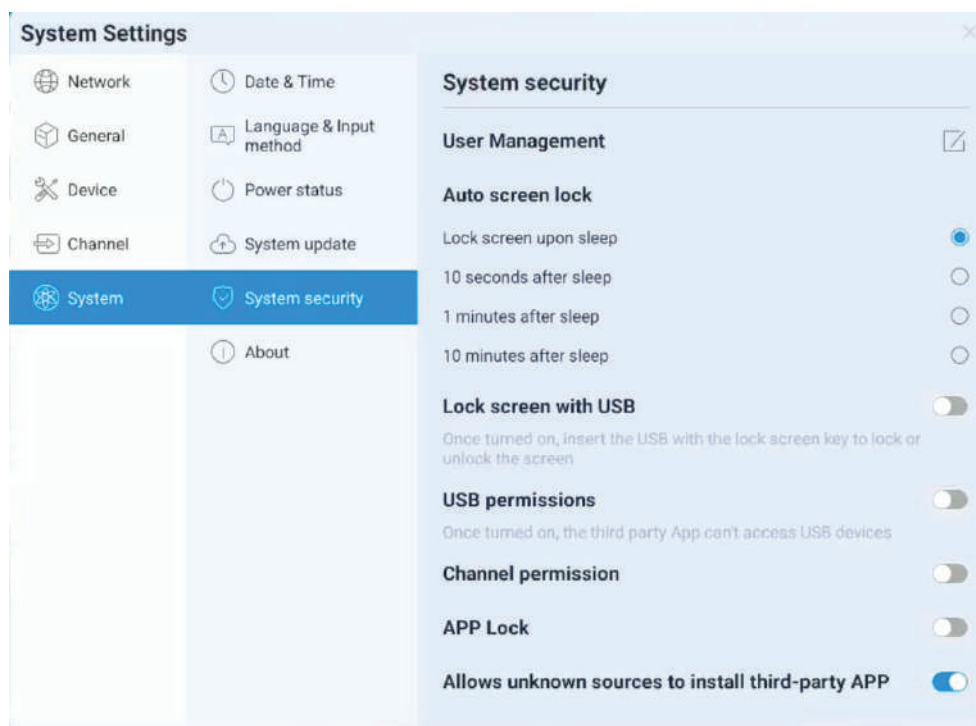
1. **Power-On Status:** Choose from Power On, Standby, or Last(from memory).
2. **Auto Sleep:** Enable to dim the screen after a period of inactivity.
3. **Auto Power-Off:** Set automatic shutdown after losing a signal source or when the screen dims.
4. **Scheduled Power:** Set automatic power-on and power-off times.
5. **Temperature Detection:** Enable or disable real-time temperature monitoring.
6. **High-Temperature Protection:** When enabled, the system shuts down automatically if the temperature is too high.
7. **Wired Network Wake-Up:** Wakes the screen when an Ethernet cable is connected.
8. **Human Body Induction:** Wakes the screen when someone approaches the device.

- **System Update**

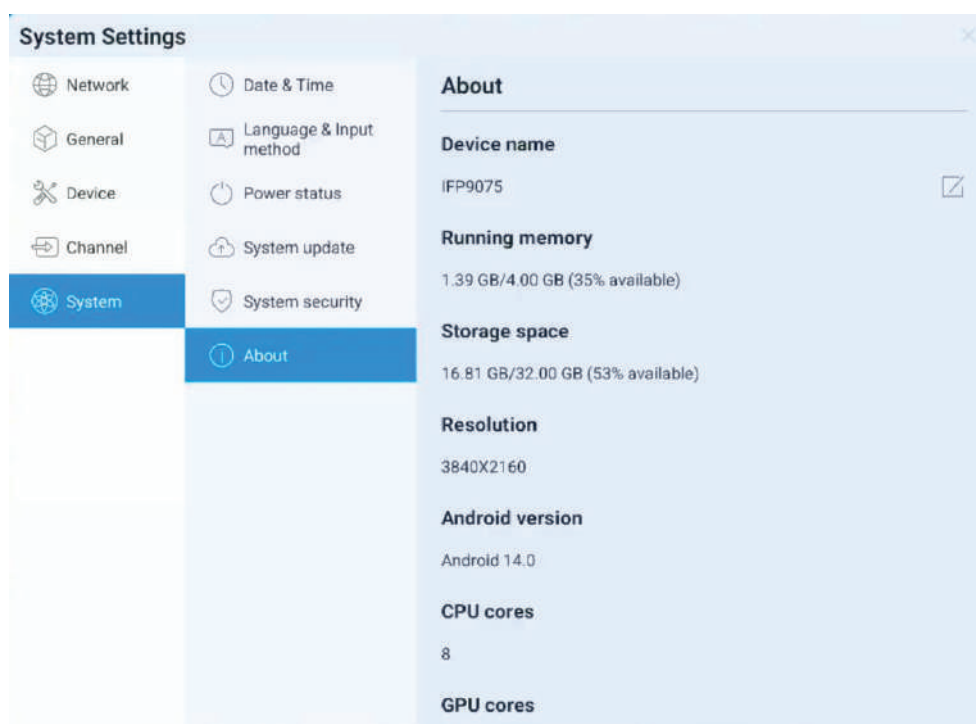


1. **Firmware Version:** Displays the current version. Click Refresh to check for updates. If available, an Update button appears to start the process.
2. **OTA Server:** Use OTA push to automatically check for updates online. The OTA server address is customizable.

- **System Security**



1. User Management: Configure user accounts (see Section 2.10).
 2. Auto Screen Lock: Set the idle time before the screen locks.
 3. USB Lock Screen: When enabled, use a USB key to lock or unlock the screen.
 4. USB Permissions: Restrict third-party apps from accessing USB devices.
 5. Channel Permission: Require a password to access signal source channels.
 6. App Lock: Requires a password to open specific apps.
 7. Unknown Sources: Allow installation of third-party apps when enabled.
- **About:** Displays device details, including the device name, RAM, storage space, resolution, Android version, CPU cores, and GPU cores.



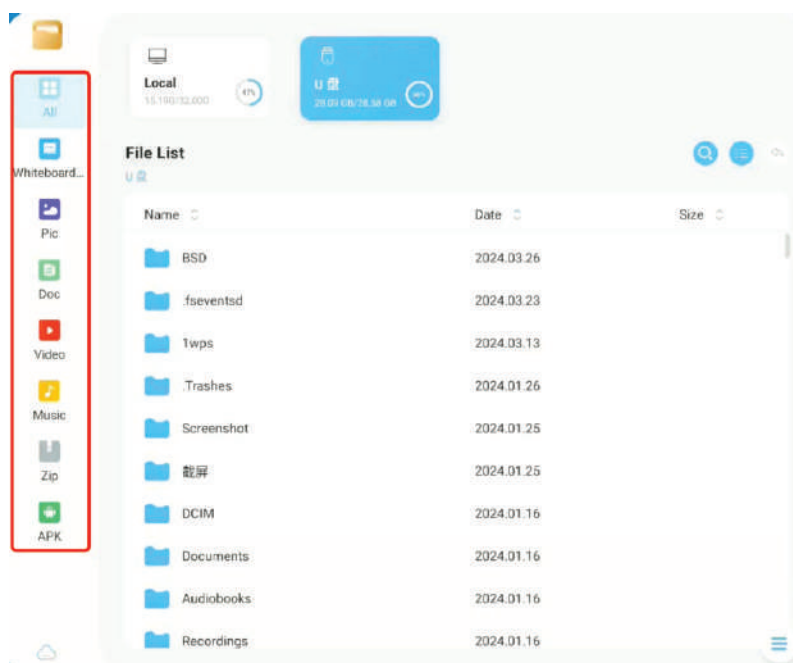
2.9 FILE MANAGER

The File Manager organises and manages files on the system's internal storage and external devices.

2.9.1

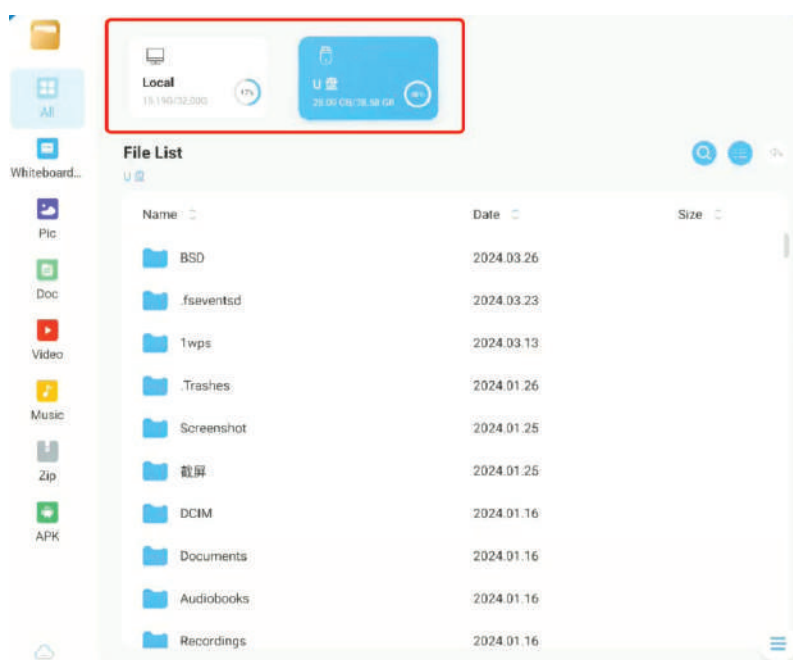
File Classification: The two viewing forms provided are;

- All Files: View files by folder directory.
- Classified View: Sort files by type (e.g., whiteboard files, images, documents, videos, music, archives, APKs) from local storage or USB drives.



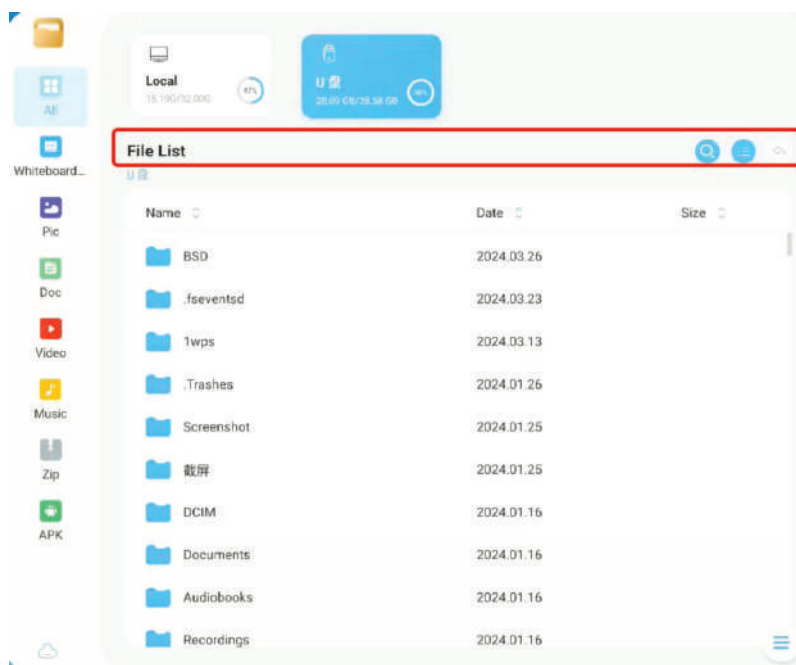
2.9.2 Disk

Shows the storage capacity and usage of the system's local drive and any connected USB drives. Tap a drive to view its file list.



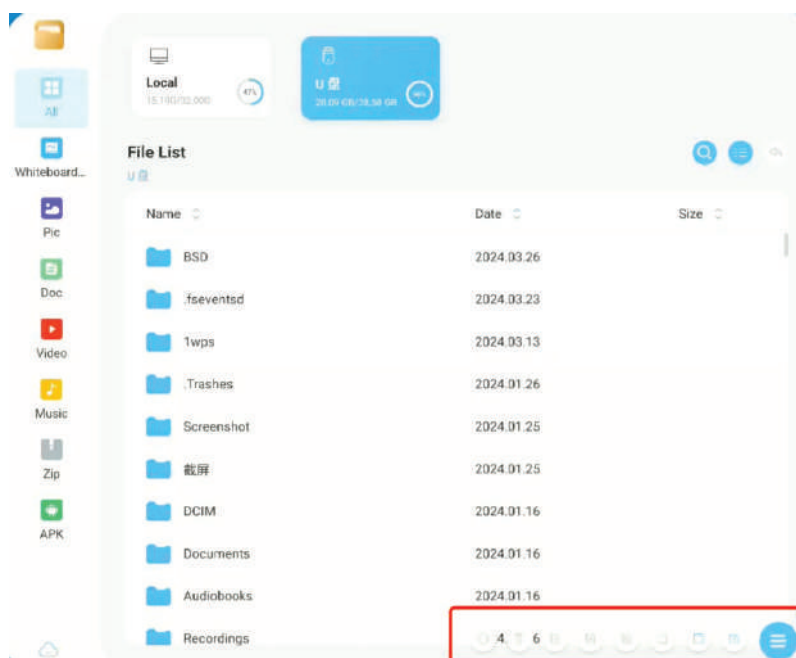
2.9.3 File List Action Bar

- **Path Navigation:** Displays the current folder path on the left side. Tap a folder name to jump to it.
- **Search:** Find files by entering keywords.
- **View Toggle:** Switch between list and grid views.
- **Back:** Return to the previous directory.



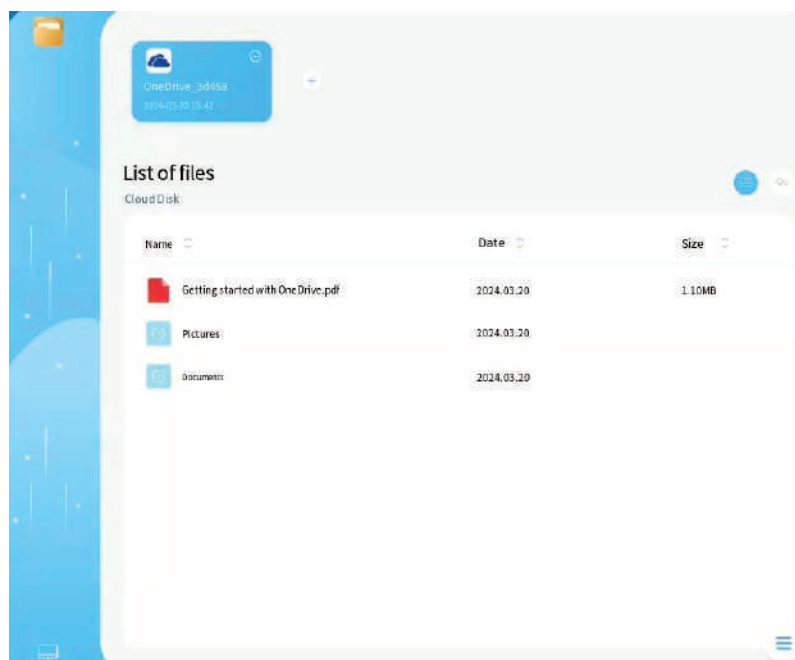
2.9.4 Commonly Used Features

- **Open:** Click a folder to view its contents or a file to open it.
- **Select:** Long-press a file or folder to select it. Options include:
 1. Deselect, delete, copy, cut, or rename.
 2. Select/deselect all, paste, or create a new folder.



2.9.5 Cloud Disk

- **Login:** Sign in to a cloud drive account (supports OneDrive and Google Drive).
- **Functions:** After logging in, you can upload local files to the cloud disk to save or download cloud files to the system's local, or manage cloud files by adding, deleting, moving, and renaming.

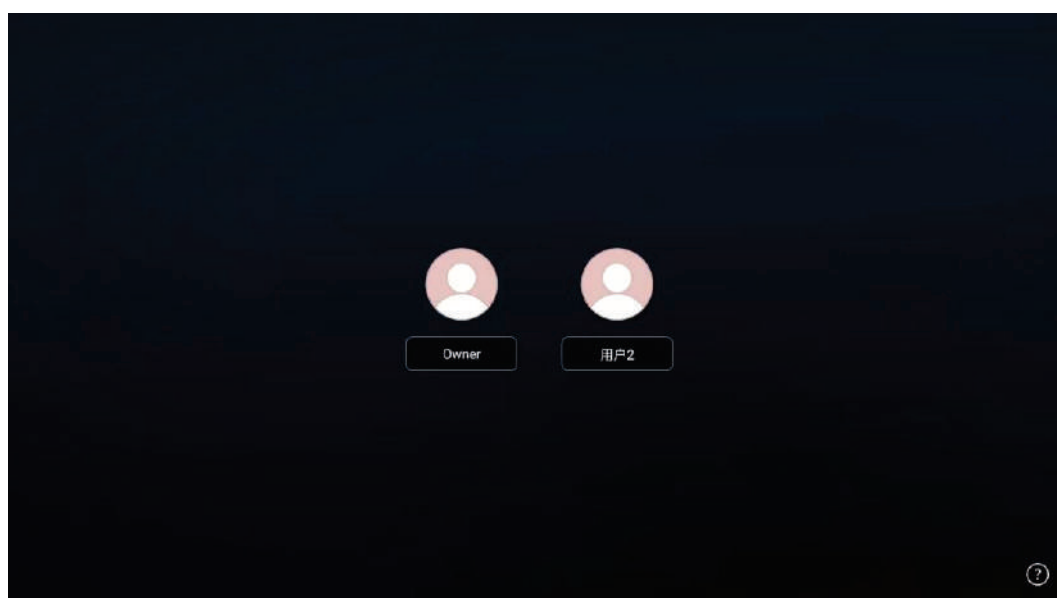


Tip: Back up important files to the cloud for secure storage.

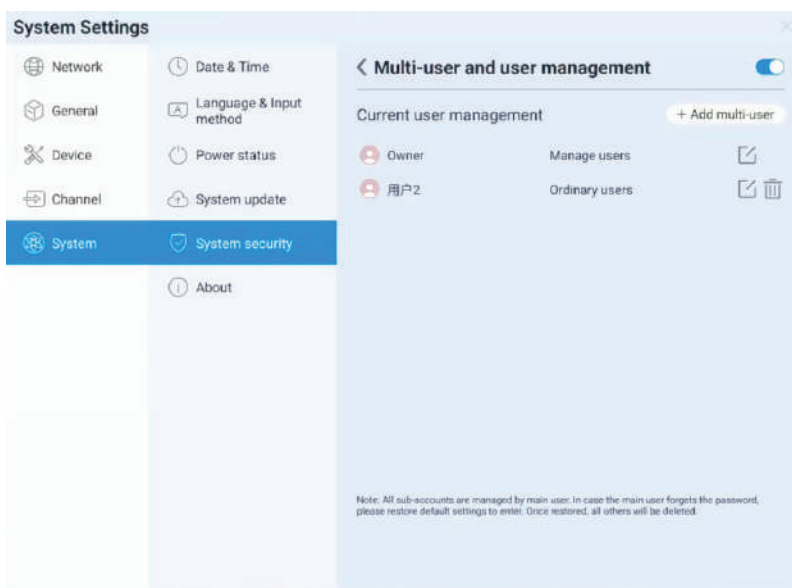
2.10 MULTI-USER MODE

Multi-user mode supports multiple users on a single system, ideal for shared environments.

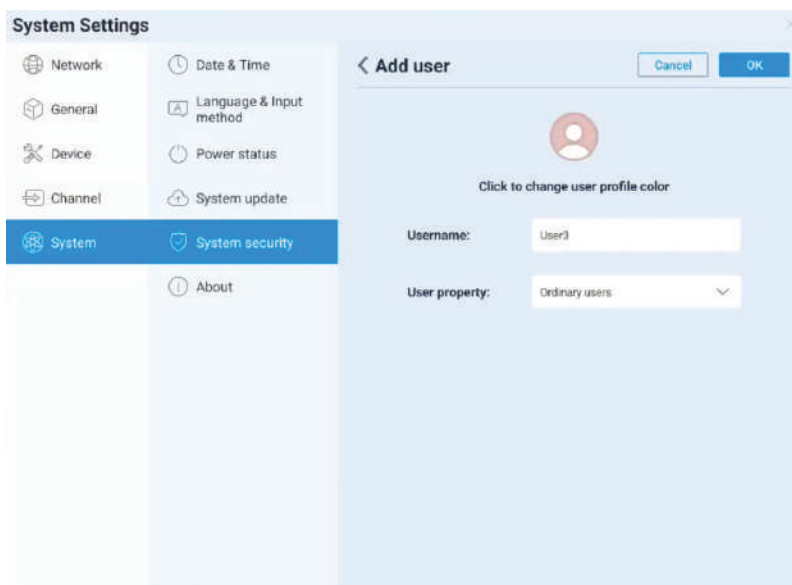
- **Multi-User and User Management**
1. From the main account, go to System Settings > System > System Security (see Section 2.8.5) and tap Edit to enter the user management page.



1. **Add User:** Click to add a Multi-User to create a new user. Set a username and choose between Normal or Guest user types.

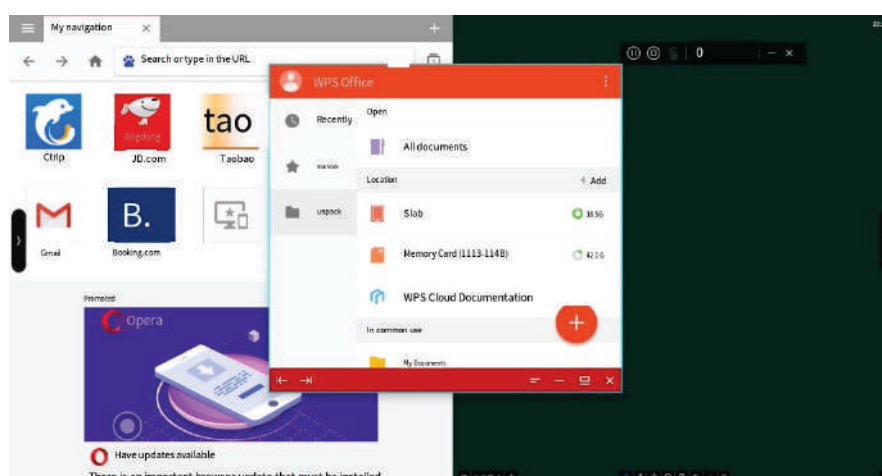


- **Edit User:** Click the "Edit" button on the right side. You can change your username or set a password.



2.11 Multiple Windows

Multiple Windows allow the simultaneous use of different apps, displaying their content side by side.



2.11.1 Open Multiple Windows

How to open multiple windows:

1. Method 1: On the Launcher, long-press an app icon, select Free Window from the pop-up menu to open it in a resizable window.
2. Method 2: In the Sidebar's app management, long-press an app with a corner icon to open it in Free Window mode.
3. Method 3: In an app, pinch inward with five fingers to switch to Free Window mode.

2.11.2 Multi-Window Operations

- **Select:** Click the control bar at the bottom of a window to activate it.
- **Drag:** Press and drag the control bar to move the window.
- **Zoom:** Drag the window's edges to resize width or height; drag a corner to adjust both.
- **Split Screen:** click the edge resize button () to snap the window to the left or right half of the screen.

Use two apps for a split-screen view.

- **Restore:** Click the restore icon () to return the window to its original size.
- **Minimise:** Tap the minimise icon () to collapse the window (accessible via multi-tasking).
- **Maximise:** Tap the maximise icon () to display the app in full screen.
- **Close:** Tap the close icon () to exit the app.

Tip: Use split-screen mode for multitasking, such as viewing a document and a whiteboard simultaneously.

• 2.12 Screenshot



The Screenshot tool captures and saves screen content quickly.

- **Open:** Click the Screenshot icon in the Sidebar or Compass to start the tool, capturing the central screen area by default.
- **Adjust:** Drag the frame to reposition or resize the capture area.

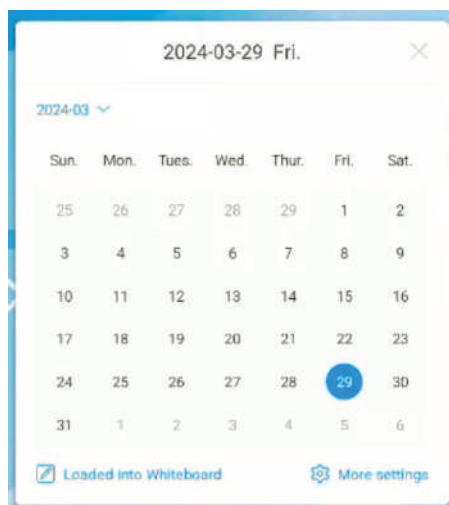
- **Whiteboard Insert:** Click on the whiteboard icon to open the Whiteboard app and insert the screenshot ()
- **Full Screen:** Click on the full-screen icon () to capture the entire display
- **Cancel:** Click on the cancel icon () to exit without saving.
- **Save:** Click on the save icon () to confirm the screenshot and save it.

2.13 OTHER APPS

2.13.1 Calendar

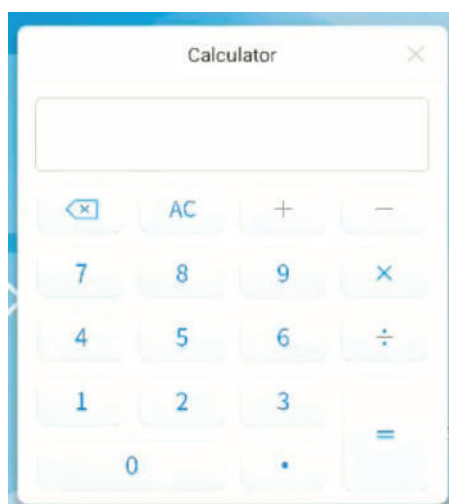
Displays the current month's calendar.

- **Navigate:** Switch to other months.
- **Insert Whiteboard:** Click on the bottom-left icon to insert the calendar as an image into the Whiteboard.
- **Settings:** Click on "More Settings" in the bottom-right to access System Settings' date/time options.



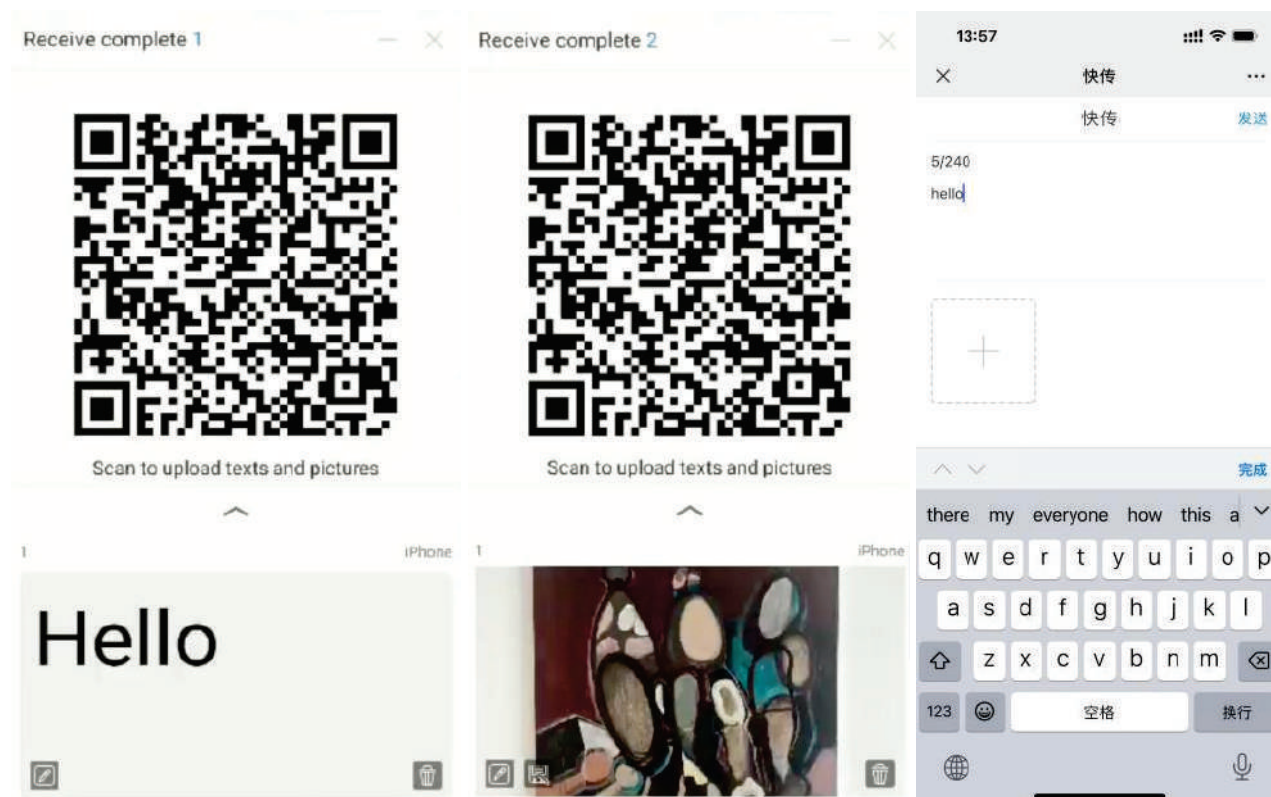
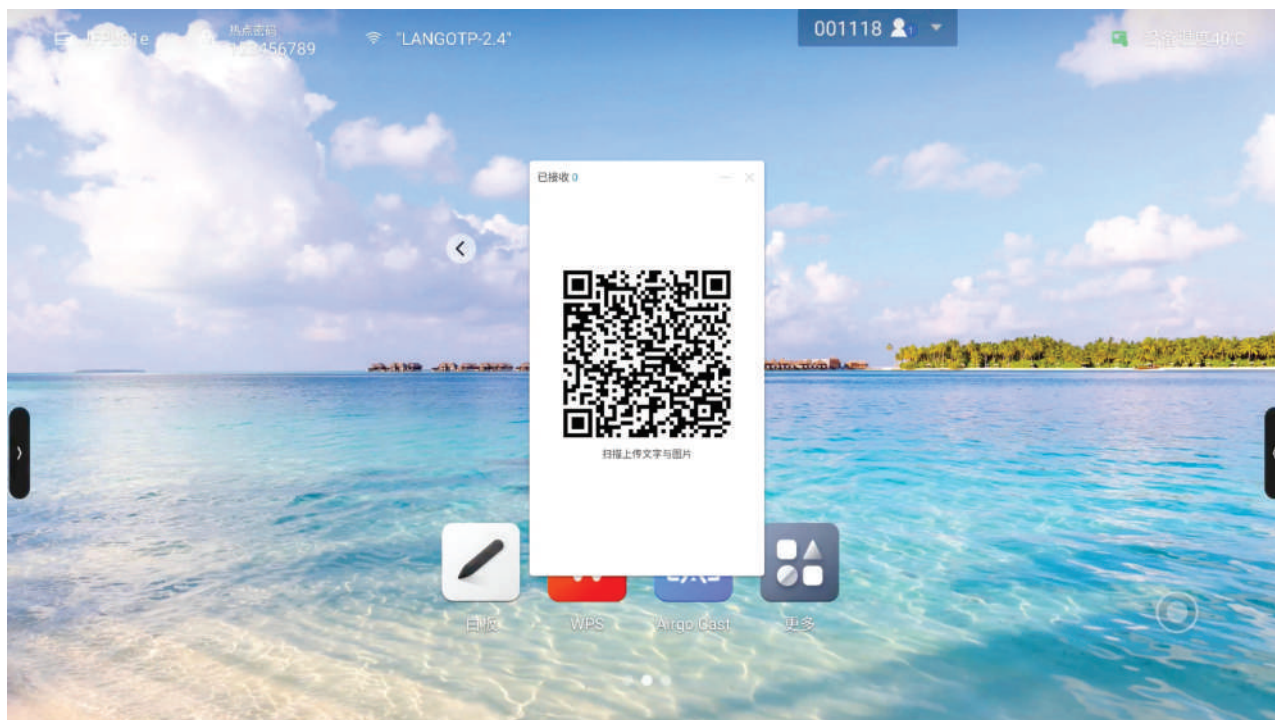
2.13.2 Calculator

Tap the app to open a simple calculator for quick calculations.



2.13.3 Eazy Upload

Transfers images or text from a mobile device to the Smaat IFPD for sharing.



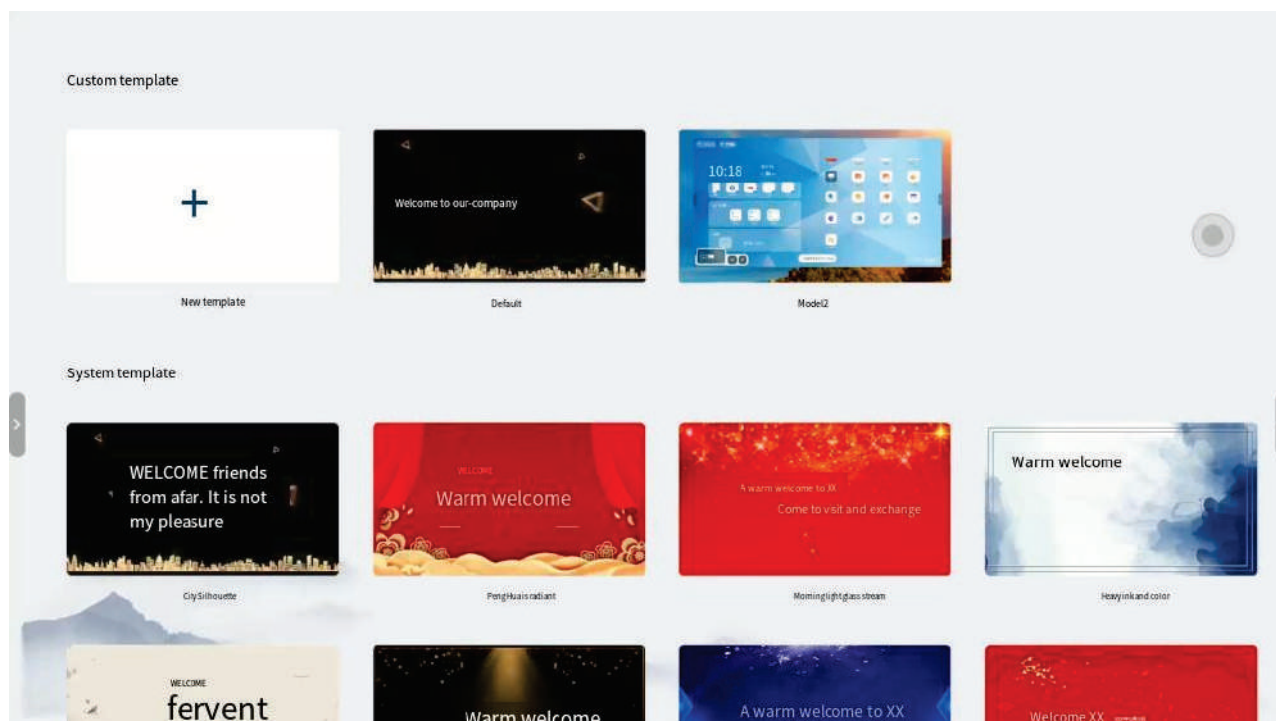
Steps to use:

1. Open the app.
2. Scan the QR code with a mobile device to access the upload page.
3. Select images or enter text, then tap Add to upload.
4. View uploaded content on the screen.

5. Click “Insert whiteboard” to add images to the Whiteboard.
6. Click “Delete” to remove content.
7. Click “Minimize” to collapse the app into a floating window at the bottom-right.
8. Click “Close” to exit; all content is cleared and not saved locally.

2.13.4 Welcome

- **Templates:** Choose from multiple built-in templates to customize welcome screens.
- **Edit:** Modify background, text, or music, then click on Save to create a new template or Play to display.



2.13.5 Screen Recorder

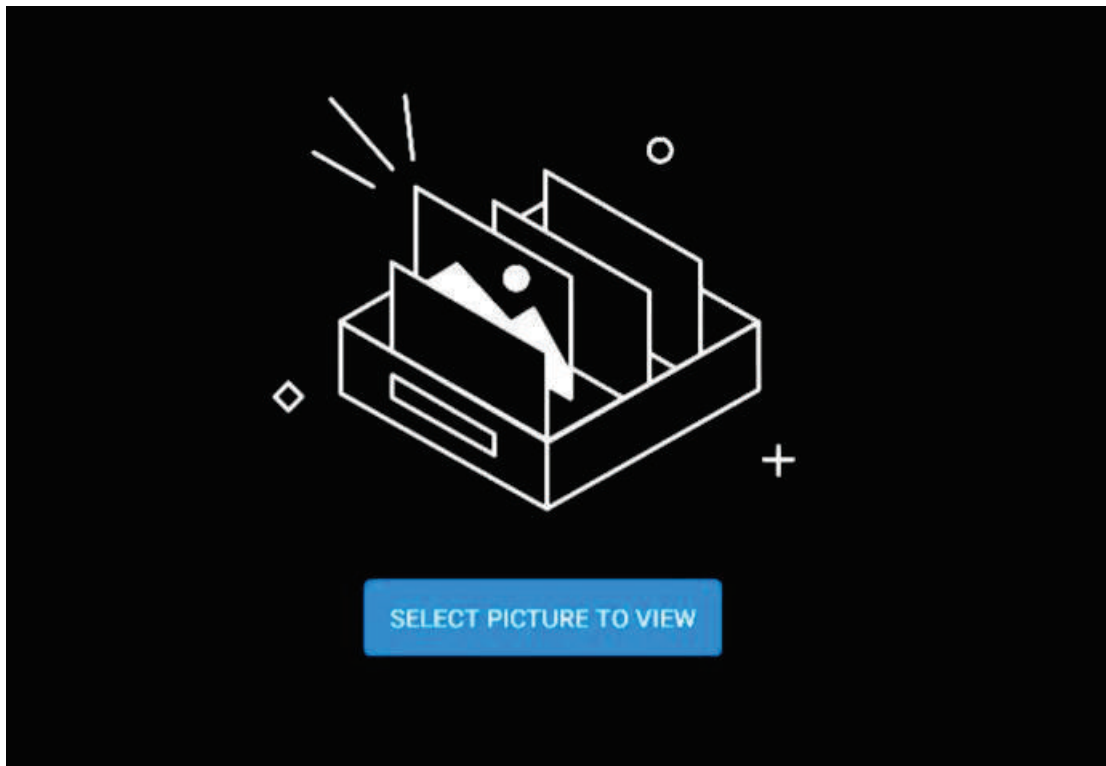
Records the screen in a small window.



How to use:

1. **Start/Pause:** Click the record icon () to begin or pause recording ().
2. **End:** Click the stop icon () to finish and save the recording.
3. **Minimize:** Click () to collapse the app into a small dot.
4. **Close:** Click () to exit; prompts to save if recording is active.

2.13.6 Gallery

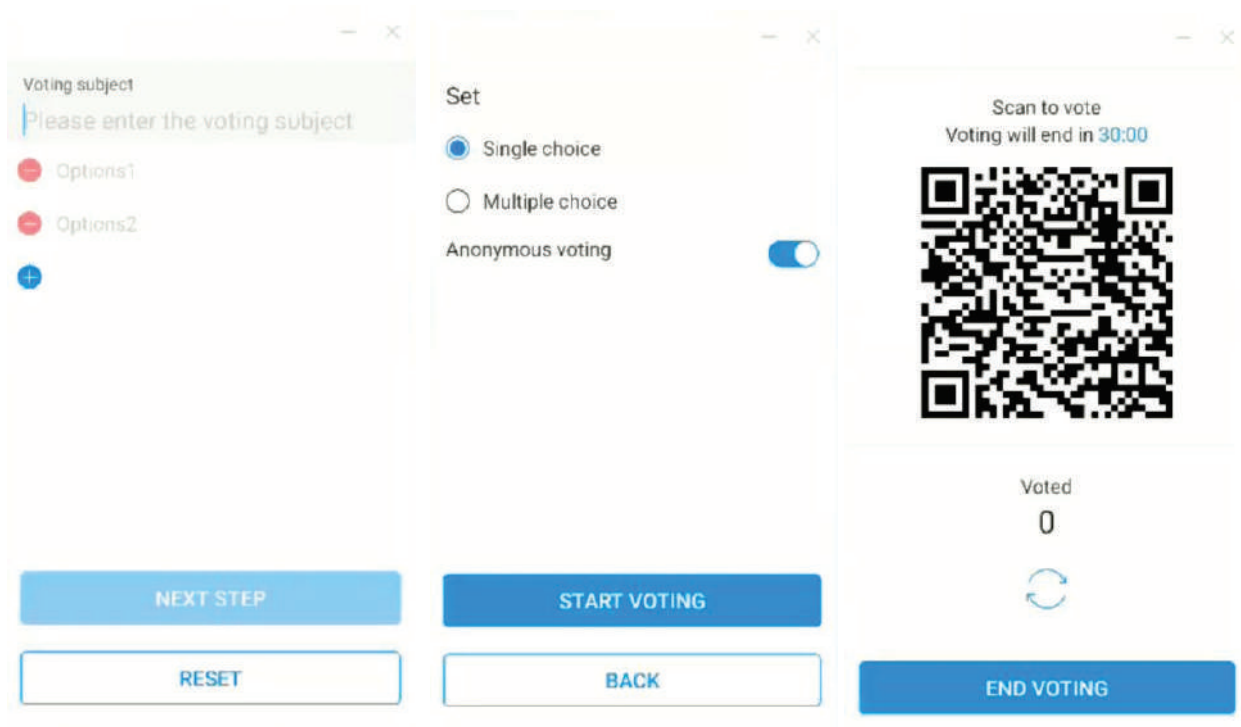


- **Open:** Click the app or select an image in the File Manager to view.
- **Navigate:** Swipe to browse images or use the control bar for previous/next page, flip, rotate, or carousel mode.

2.13.7 VoteKit

Requires an internet connection for voting functionality.

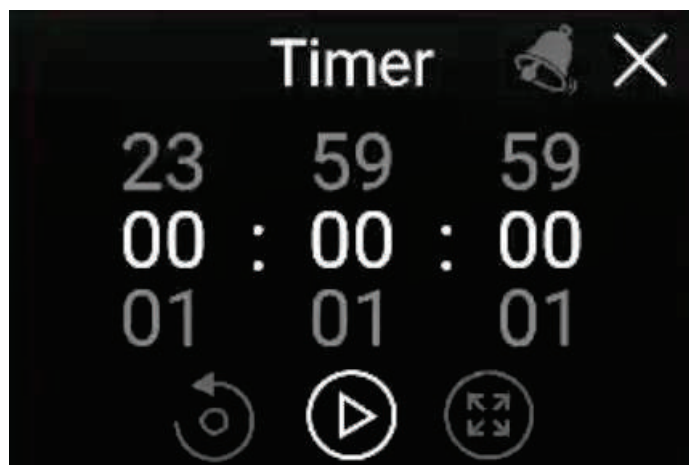
Steps to use:



1. Open the app and set a voting topic and options.
2. Click Reset to clear settings or Next to configure single/multiple-choice and anonymous voting.
3. Click “Start voting” to generate a QR code for participants to scan and vote.
4. Click “End voting” to stop and display final results.
5. Click “Save” to save results or tap “Insert whiteboard” to insert the results into the whiteboard for display.

2.13.8 Timer

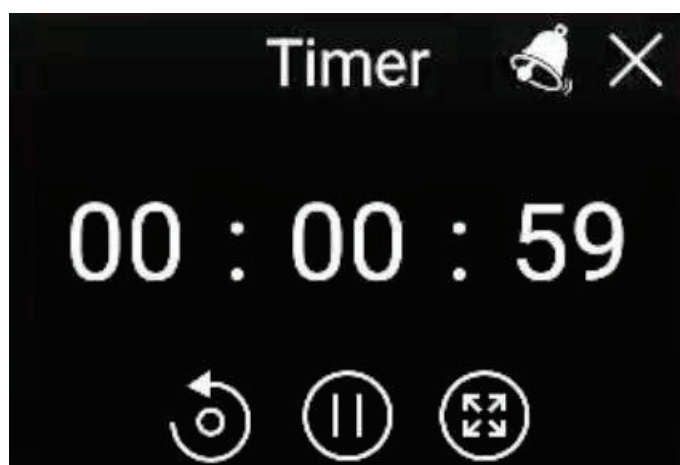
Combines stopwatch and countdown features.



- **Stopwatch**

1. **Open:** Displays 00:00:00.
2. **Start:** Click to begin timing.
3. **Pause/Reset:** Click Pause to stop, Reset icon () to zero.
4. **Full Screen:** Click () to enlarge for a full screen display.
5. **Close:** Exit the app.

- **Countdown**

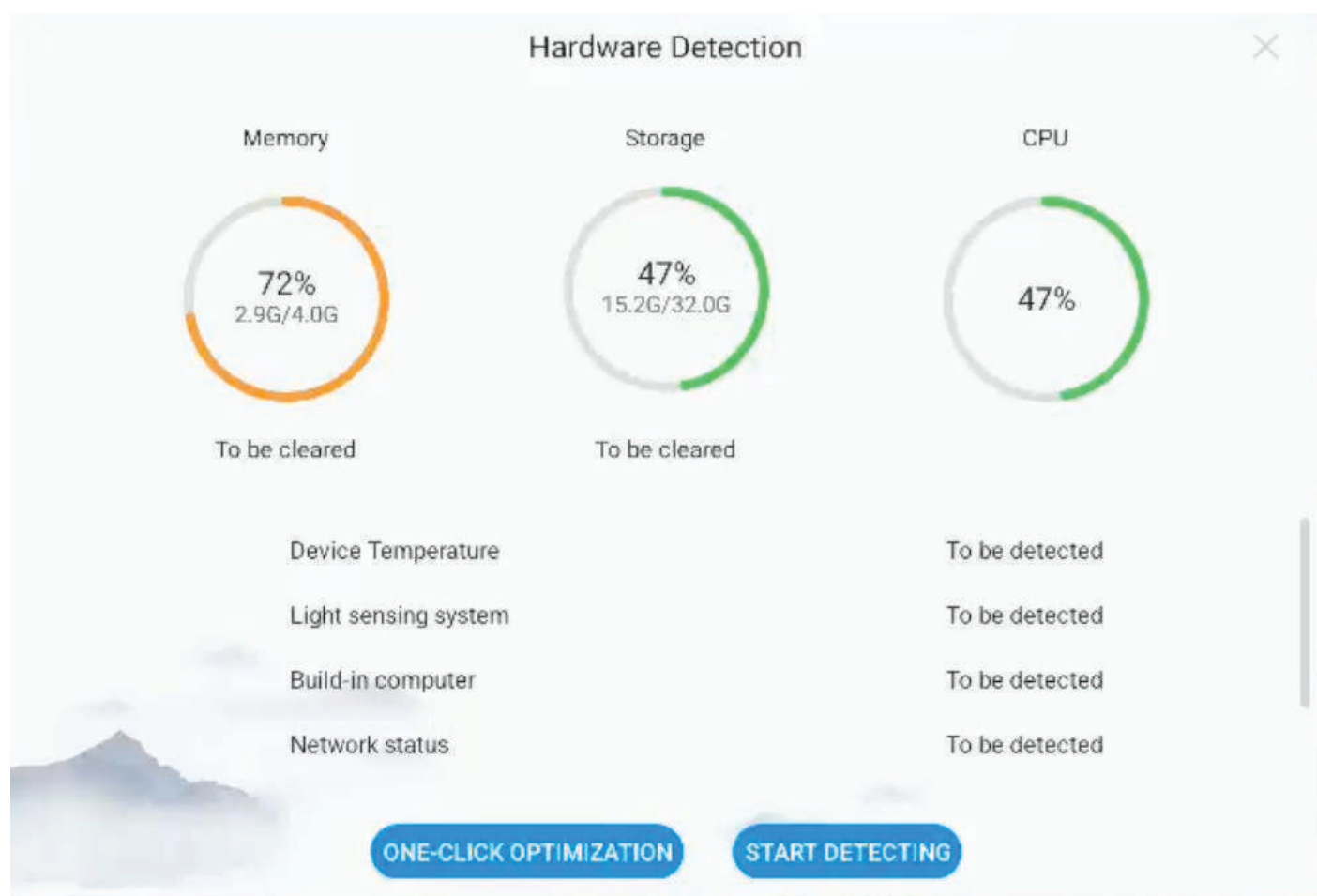


1. **Open:** Displays 00:00:00.
2. **Set:** Adjust the time to a non-zero value.
3. **Start:** Click “Start” to begin the countdown.

4. Reminder: Enable the bell icon for an audible alert when the timer ends.
5. Reset: Click “Reset” to restore the preset time.
6. Close: Tap close in the to right corner to exit the app.

2.14 Hardware Detection

Checks the status of the hardware components to confirm if they are in normal working conditions.



How To Use

1. Click “Start Detection” to scan hardware, including light sensor, OPS, temperature sensor, Wi-Fi module, camera, and microphone.
2. Click “One-Click Optimization” button to improve system’s performance and hardware connections.

Note: Run hardware detection periodically to ensure optimal performance.



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