

newline

GOOGLE EDLA OPS PC

User Manual Extended

version 29102025

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1 Operating

1.1 Profile Logon

When you set the screen lock in **Settings>Security & privacy>Device unlock>Screen lock**, you need to verify the lock screen code after each boot.

Method	Operation
Swipe	Swipe the screen to unlock.
Pattern	Draw an unlock pattern, the pattern need connect at least 4 dots.
PIN	Enter the pin code, the pin must be at least 4 digits.
Password	Enter the password, the password must be at least 4 characters.

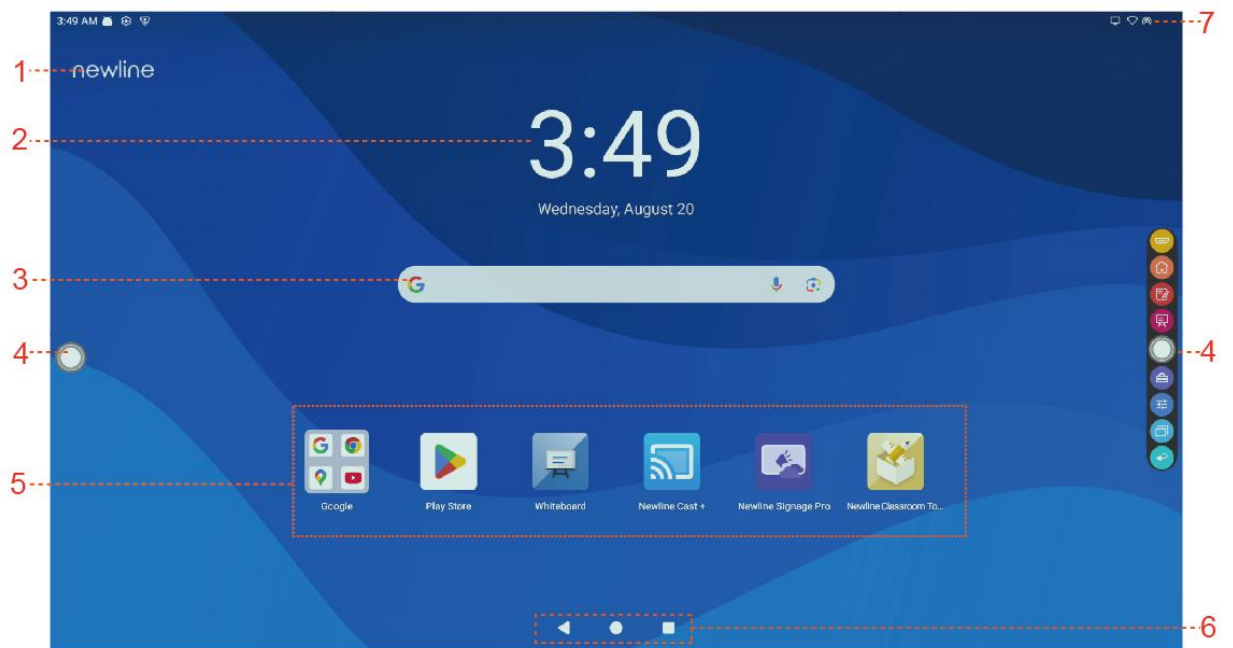
Notes:

After the screen lock is enabled, every time you boot up the screen, system will request the passkey.

If you forgot your passkey, please contact your administrator to reset your passkey.

1.2 Home

Once logged into the system, the user will be taken to the **Home** page as shown in the following figure.



- 1: newline logo 2: Clock / Date and Week 3: Search Bar 4: Side Toolbar
- 5: Main Icon 6: Widget 7: Status Icon

Main Icon

Icon	Functions
	Tap to view the Google application.
	Tap to enter the Play Store.
	Tap to open the Whiteboard function.
	Tap “Newline Cast+” icon to enable the wireless Newline Cast function.
	Tap to enter the Newline Signage Pro application.
	Tap to enter the Newline Classroom Tools application.

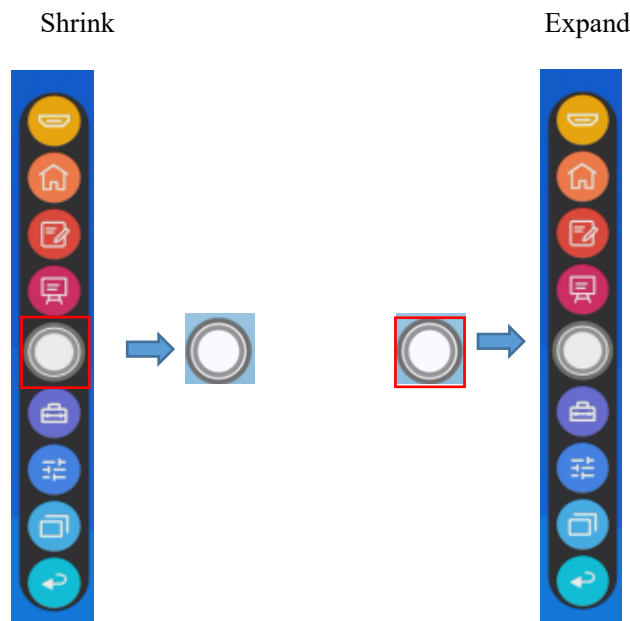
Widget

Icon	Functions
	Return to the previous menu or exit an app.
	Back to the home page.
	Enter the task management.

Toolbar

HDMI IN, Home, Annotation Mode, Whiteboard, Quick access bar, Dashboard, Task manager and Return icons are displayed by default in the sidebar on both sides of the screen.

You may move it on the screen, shrink or expand by using touch gestures.



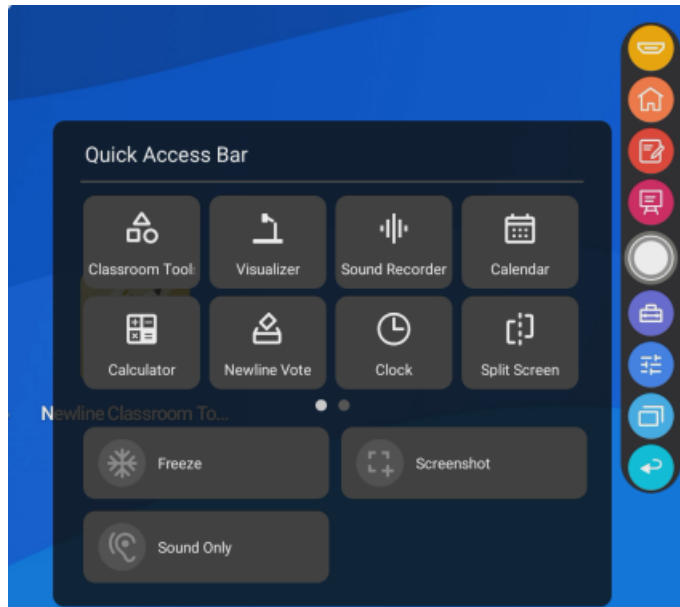
The functions of the toolbar are as follows:

Icon	Functions
	Tap to switch to the HDMI IN source, long press to customize the icon.
	Go to Home page.
	Tap once to start annotation mode, tap again to stop annotation.
	Switch to whiteboard mode.
	Minimize or maximize the toolbar.
	Tap to enter the Quick Access Bar.
	Tap to enter the Dashboard.
	App switcher allows the user to manage currently running applications. Swipe left or right to view currently running applications, swipe up or down to close the application or tap “clear all” to close all the applications.

Icon	Functions
	Return to the previous menu or exit an app.

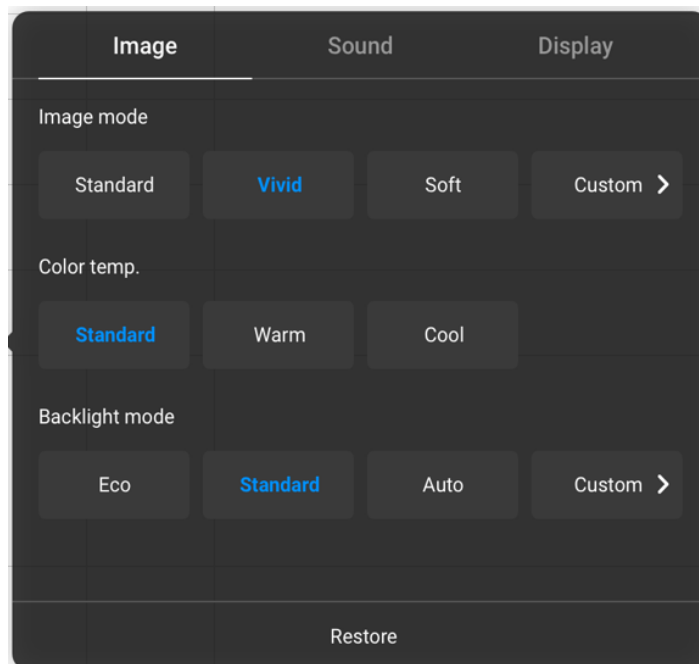
Quick Access Bar

In the quick access bar, system preset some common apps. Tap the app icon to access the application interface.

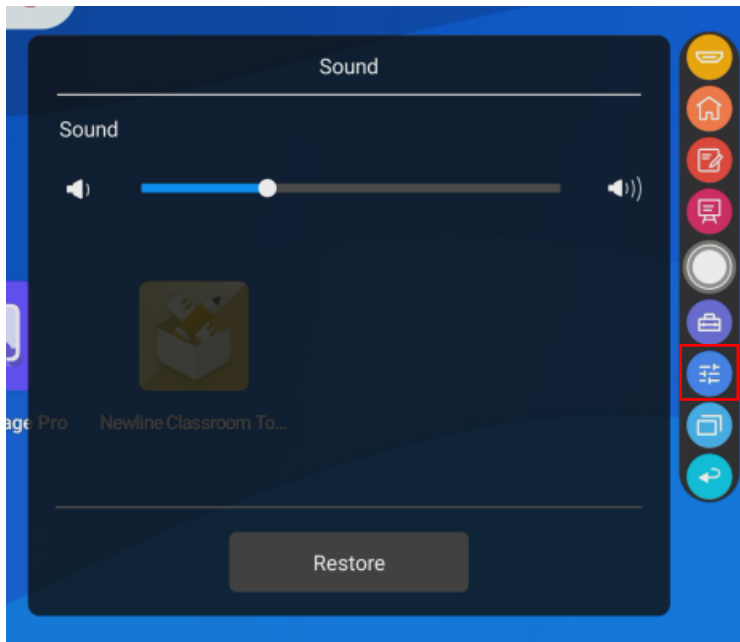


Dashboard

- Tapping the dashboard icon under the signal source, you can enter the settings of sound adjustment, image adjustment, screen display, etc.



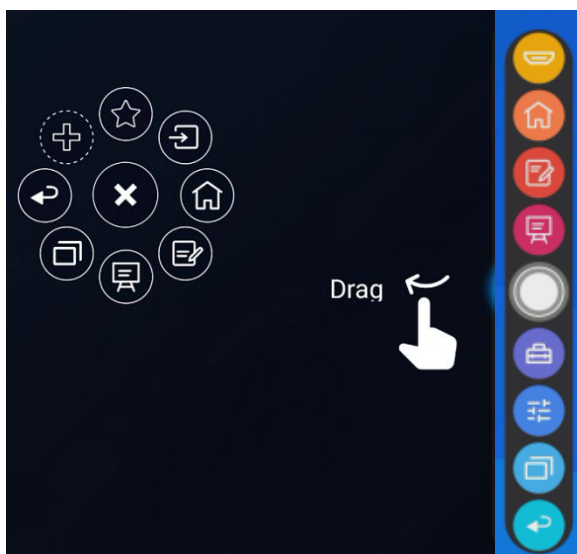
- Tapping the dashboard icon under the Android system, you can enter the settings of sound.



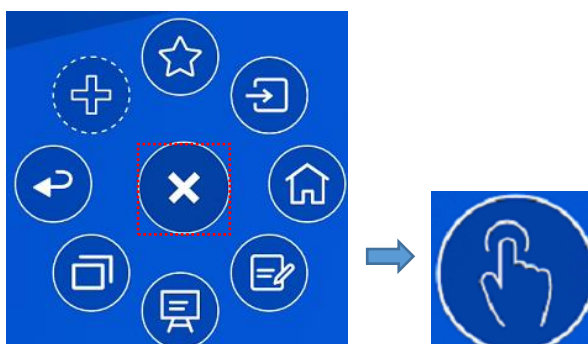
Floating bar

Press the toolbar and drag it out, the toolbar can be transformed into a floating bar.

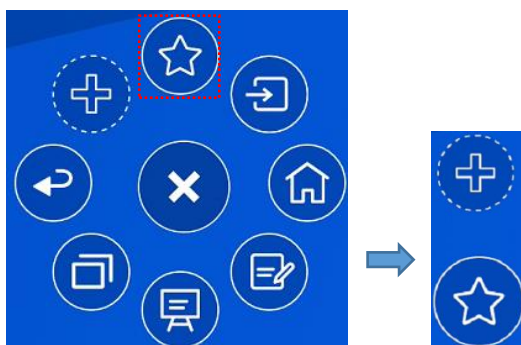
In the floating bar, users can add and delete icons, add custom icons, and drag the floating bar with their fingers to move around on the screen. You can move the floating bar out of the screen to exit the floating mode.



Standard > Minimized

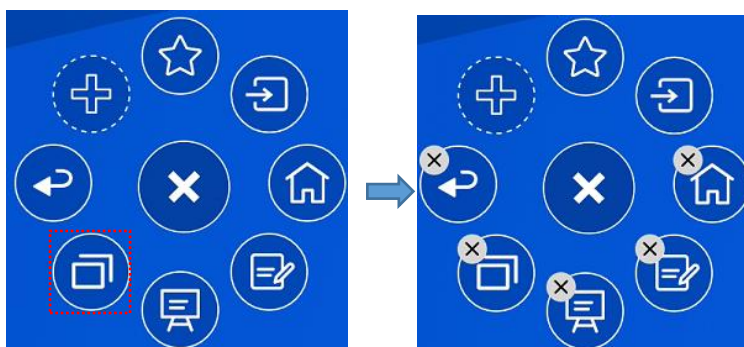


Standard > Favorite

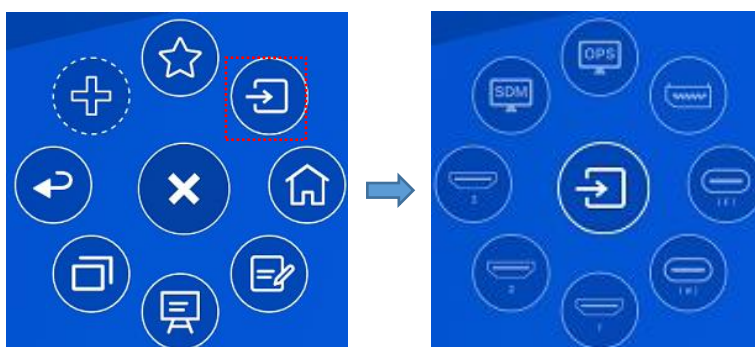


Delete icons

Long press the icons to enter the icon deleting status, tap the × icon on the upper left corner to delete icons.

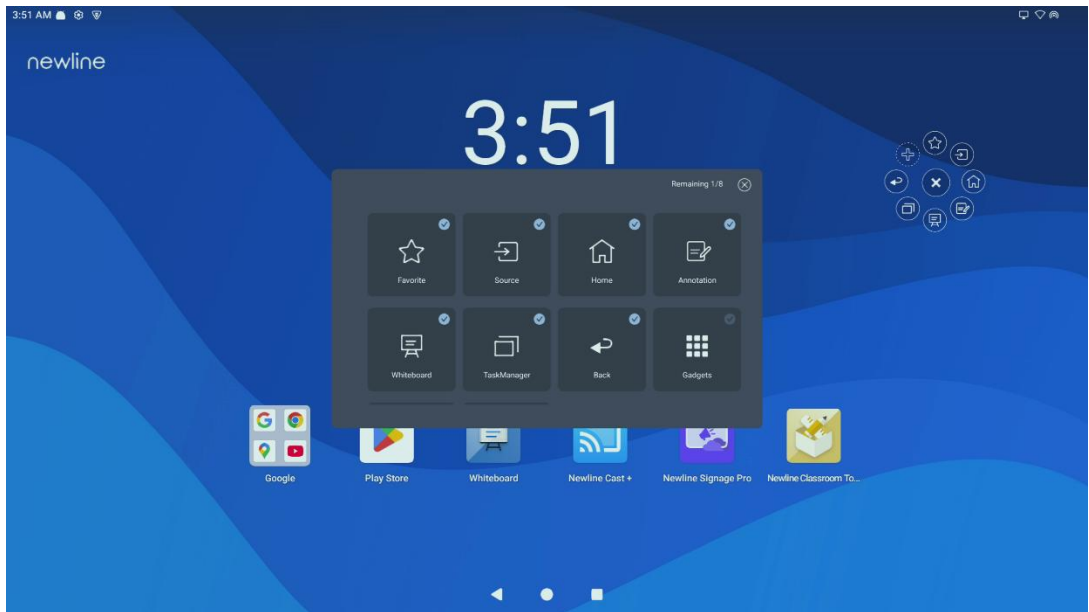


Signal source

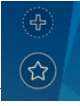


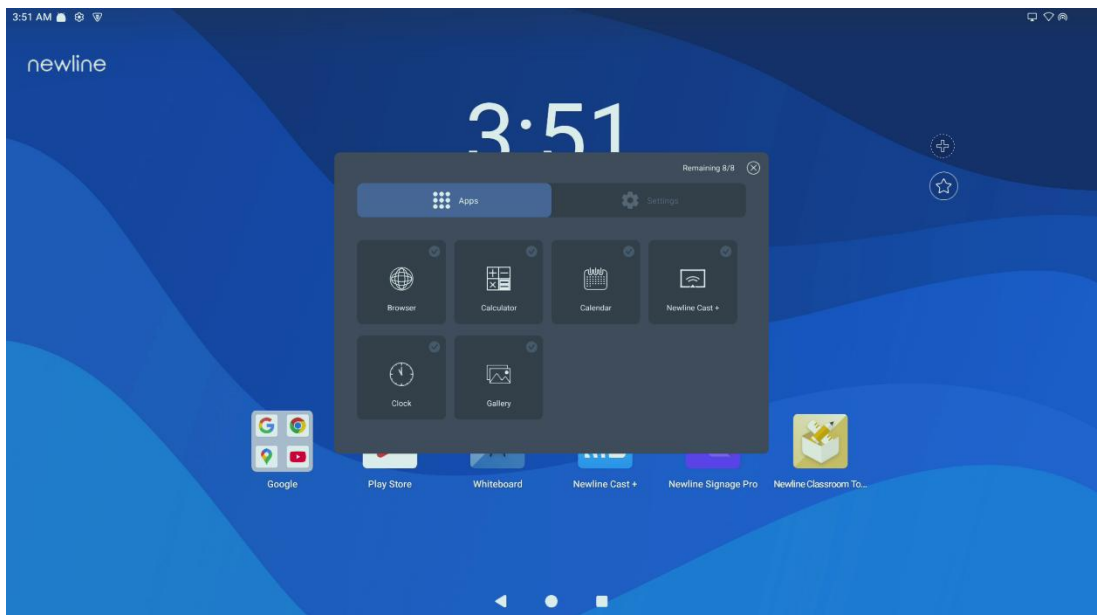
Customize the toolbar icons

In the tool bar interface, tap the  icon to show the following interface, users can customize the toolbar icons. Icons with ✓ on the upper right corner will display in the tool bar.



Customize the favorite icons

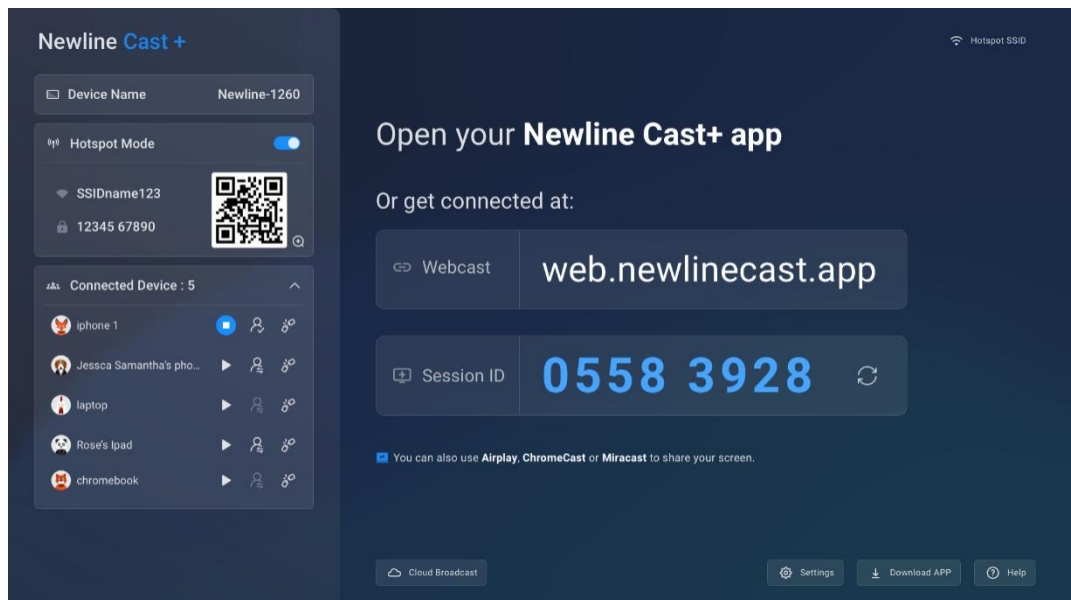
In the tool bar interface, tap the  icon to show , tap + icon to show the following interface. Users can customize the icons. Icons with ✓ on the upper right corner will display in the favorite icons bar.



1.3 Newline Cast+

Effortless Screen Sharing: Share your smartphone or laptop screen with a single tap. We offer Non-app casting via Airplay/Chrome Cast/Miracast/DLNA/Webcast, also supporting mobile and PC apps among iOS/Mac OS/Windows/Android, eliminating the need for cables or adapters.

Tap  on the Home Page to enter Newline Cast+. On screen directions will appear for you to follow in order to wirelessly cast to the display, as shown in the following figure:



1.4 Whiteboard

The whiteboard function is designed to present conference writing to attendees in a quick and easy manner. The whiteboard has the following functions:

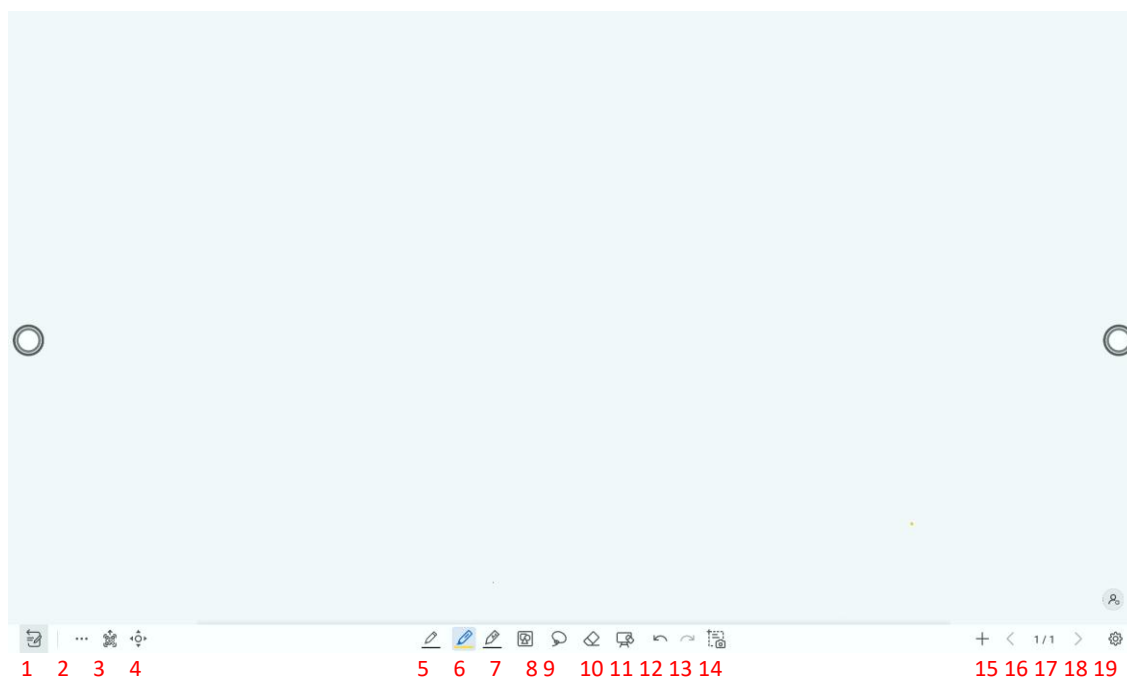
- **Discussion and screen annotation**
On the whiteboard page, you can select pen type, width, and color to write or annotate on the screen. You can also erase selected content or clear all content on the screen.
- **Page navigation**
Preview or delete pages.
- **Palm rejection**
When Palm rejection is turned on, fingers and pen can write and draw, but palm and fist would not be recognized.
- **Palm eraser**
When Palm eraser is turned on, fingers and pens can also be recognized, and palm and fist will be recognized as large eraser.

Note:

The Palm Rejection and Palm eraser function are available for whiteboard and annotation application, both of which are mutually exclusive and cannot be turned off simultaneously. You can turn on/off Palm Rejection function on the whiteboard setting page.

Whiteboard Mode

Tap **whiteboard** icon on the Home page or tap  on either side toolbar to enter the embedded whiteboard mode, as shown in the following figure:



SN	Icon Name	Icon Function
1	Mode Switch	Tap to switch to annotation mode.
2	More	Tap to enter options interface. Users can insert image, Text, Sticky note, Search Image or Search Web etc.
3	QR Code	Tap to export the whiteboard data into QR Code.
4	Move Canvas	Tap to enter move canvas function, press and move your finger in the page to move canvas and content on it.
5	Pen	Tap to use the pen function, and the icon turns into blue. You can set the size and color.
6	Highlighter	Tap to use the highlighter function, and the icon will turn blue. You can set the highlighter size or color.
7	AI Pen	Tap to use the AI pen function, you can select the pen type or set the size and color.
8	Insert Auto shape	Tap to enter the auto shape selection interface. Users can insert the shapes and set the shapes color.
9	Select	Tap to select and edit the whiteboard content. When the object is selected, users can move, zoom in/out, copy, cut, rotate, lock, change layer or delete object.
10	Eraser	Tap to select the eraser function and the icon will turn blue. You can set the way of eraser.
11	Clear	Clear all data on this page.
12	Undo	Back to the previous step.
13	Redo	Tap to restore the action that was cancelled in the previous step.

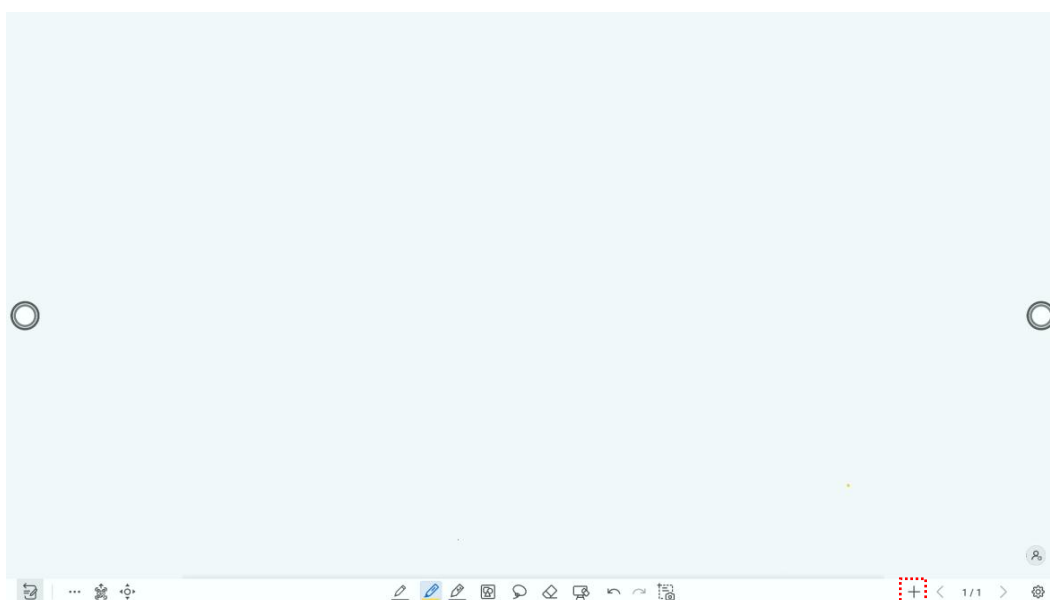
SN	Icon Name	Icon Function
14	Capture	Tap to take a screenshot.
15	New Page	Tap to add a new page.
16	Previous Page	Tap to back to the previous page.
17	Next Page	Tap to go to the next page.
18	Navigation	Tap to show the page thumbnails.
19	Settings	Tap to enter the whiteboard setting interface.

1.4.1 Whiteboard Functions

New Page and Settings

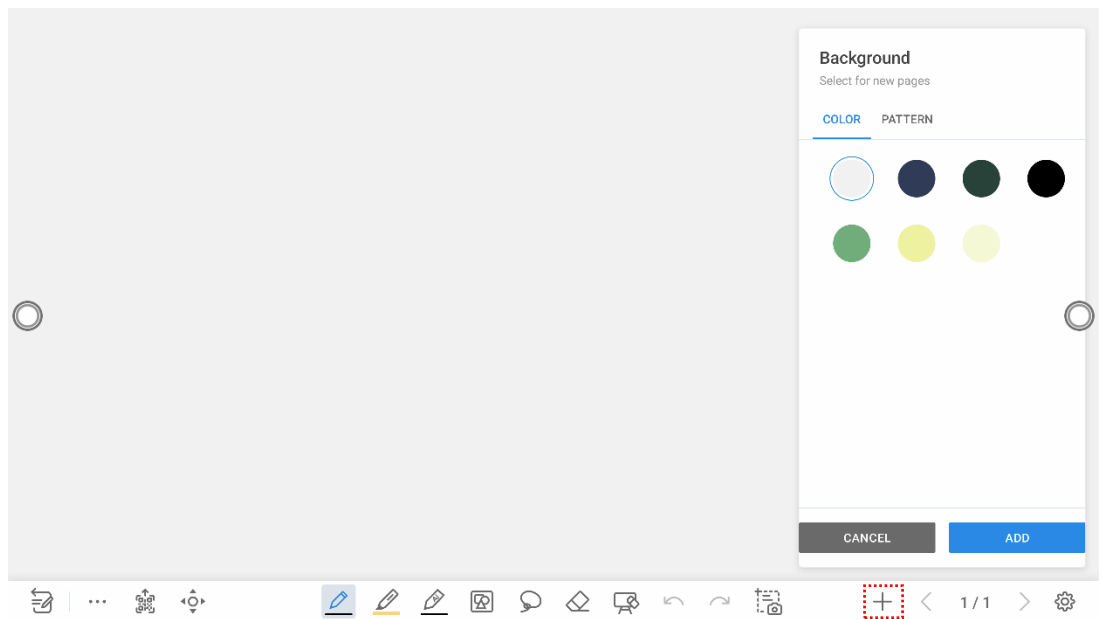
- Create a new page

In discussion mode, tap **+** to create a new page. Up to 99 pages can be created. See the following figure:



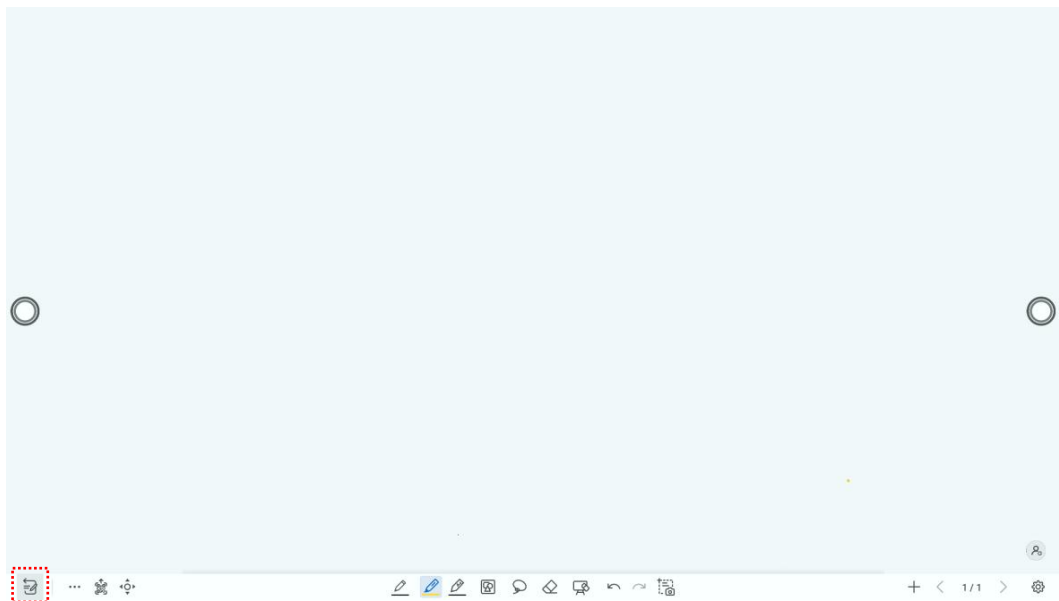
- Page settings

Tap and hold **+** for two seconds to enter the background setting. Select the color and pattern and click **ADD** to add a new page. The set color and pattern will be displayed on the new page, as shown in the following figure.



Mode Switch

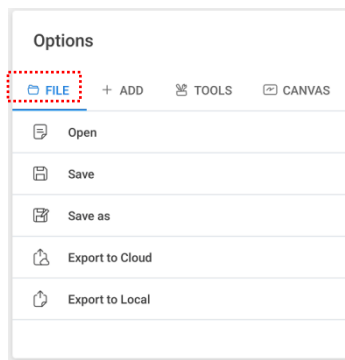
Tap  in the lower left corner of the whiteboard mode to switch to annotation modes.



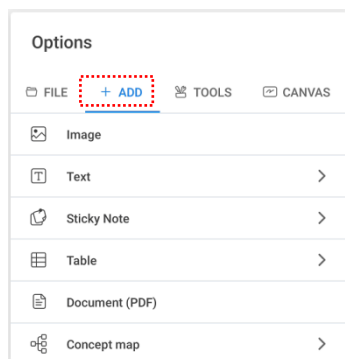
Options

Tap the  icon to enter options interface. Users can manage files, add Text, Sticky note, Search Image or Search Web etc.

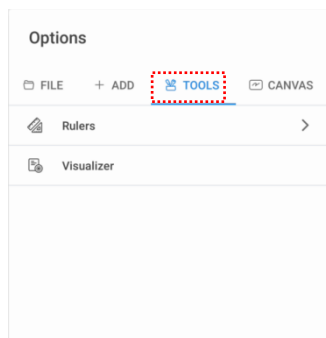
On the **FILE** items, you can import data from file management, save whiteboard files and export whiteboard page.



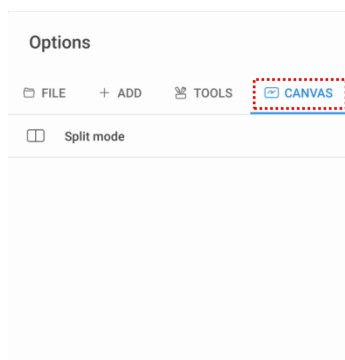
On the **ADD** items, you can import the pictures, Text, Smart table, Sticky note, PDF document, Concept map, video, and audio from system files and USB device. You also can import the Search Image, Search Web and YouTube on the internet.



On the **TOOLS** items, you can use rulers to draw line or shape on the page, import the visualizer image etc.

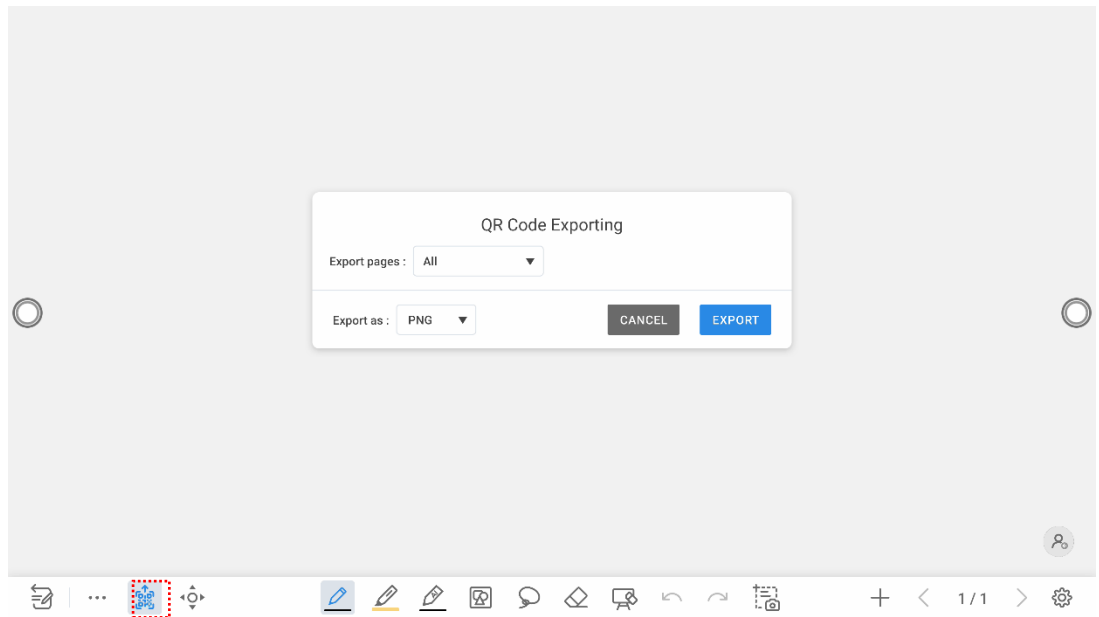


On the **CANVAS** items, you can choose split mode to set the split application.



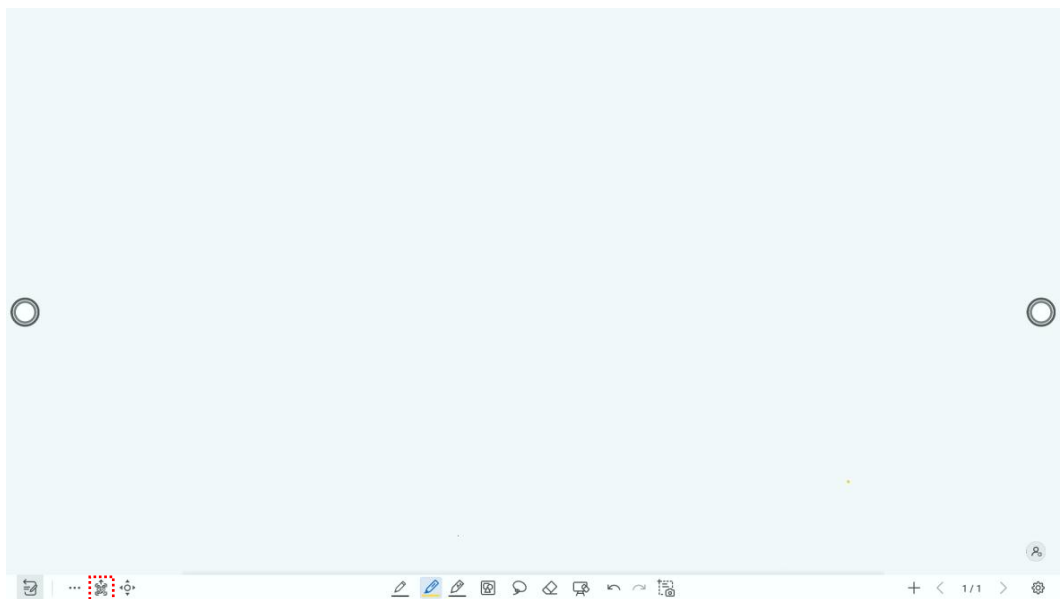
QR code export

On the Whiteboard, tap  to pop up QR code exporting windows. You can export the whiteboard page into QR Code, before that, you can customize the number of export page, change the export format at first.



Move canvas

On the whiteboard, tap the icon to enter move canvas function, press and move your finger in the page to move canvas and content on it.



Pen Type

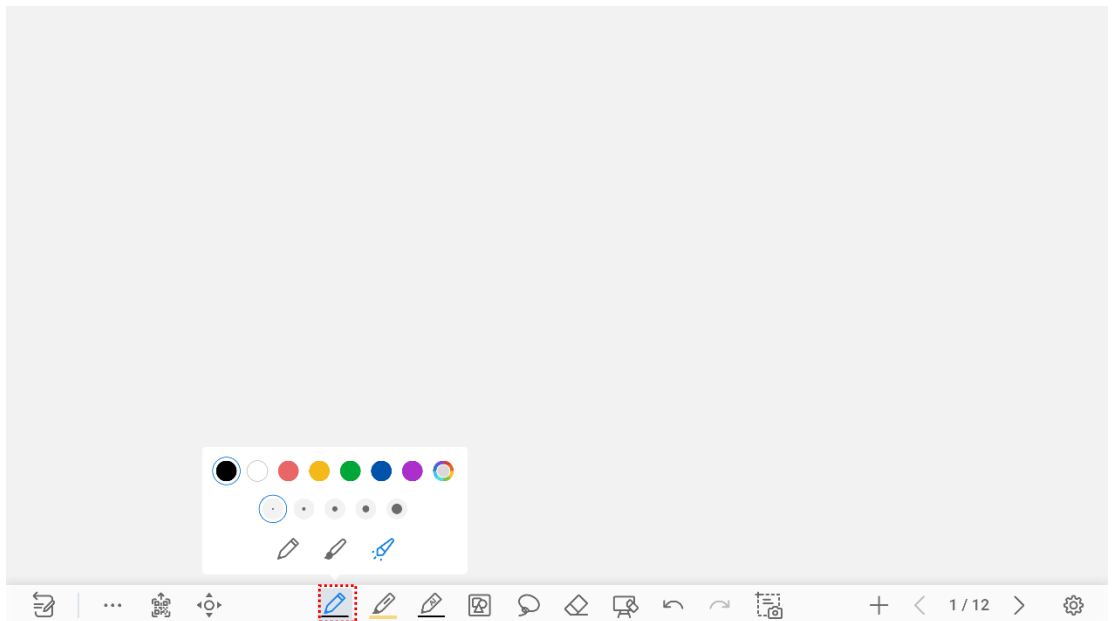
On the Whiteboard, four types of pens are supported: hard pen, brush, laser pen, highlighter and AI pen.

- Pen  and  : used to write.

- Laser Pen  : used to write, the written content will disappear automatically after 3 seconds.
- Highlighter  : used to highlight. Characters covered by comments are still visible.
- AI Pen ,  and  : used to write, support text recognition, shape recognition and formula recognition.

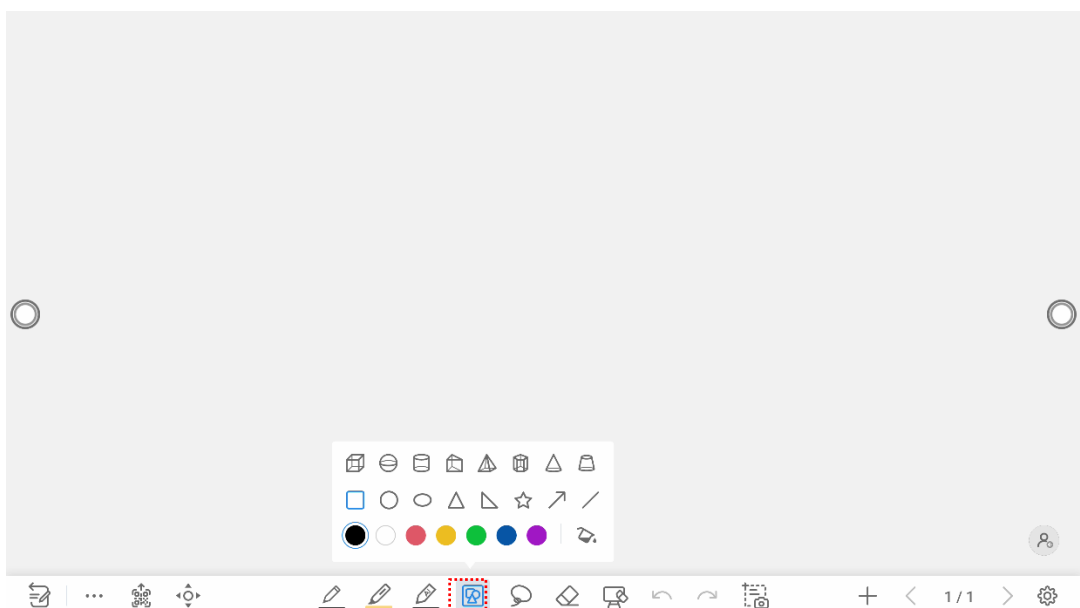
Line Size and Color

On the Whiteboard, tap ,  or  to set the size and color. You can select the line size and color for writing, as shown in the following figure:



Insert auto shape

On the whiteboard, tap  to insert the shape and three-dimensional diagram or set the shapes and color.



The  icon supports three status:

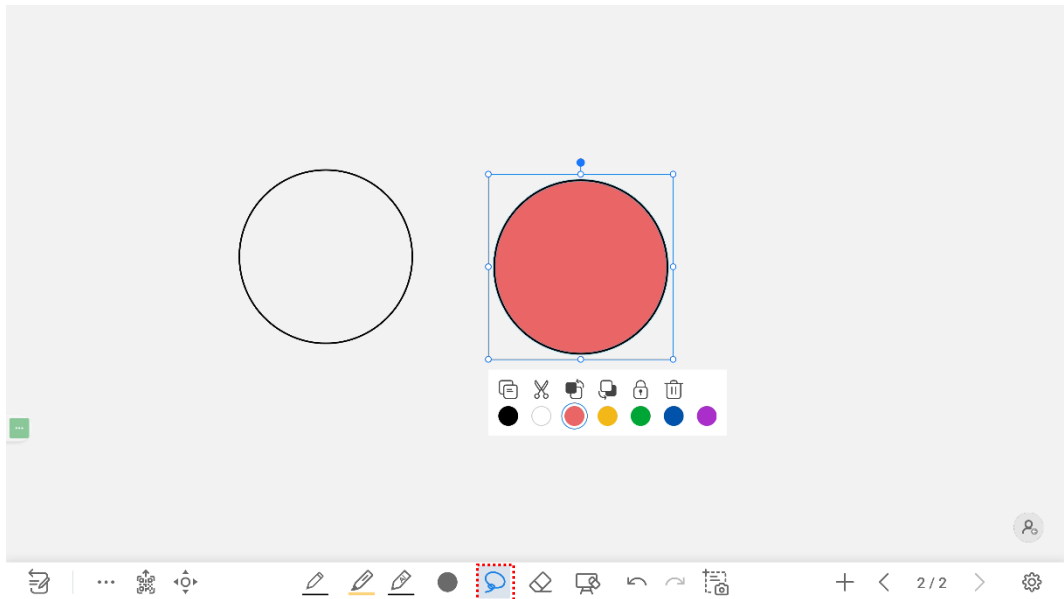
Unavailable: The icon is unavailable when users insert arrow and line;

Unselected: The edge of shapes are colored when the icon is not selected;

Selected: the shape will be filled with colors when you import the shape;

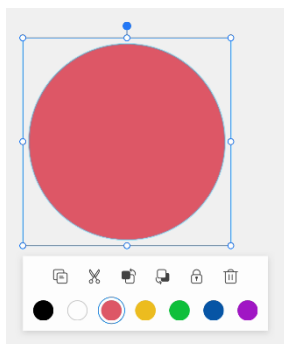
Select

On the Whiteboard, tap  and user could choose the data on the page to move/ zoom in/ zoom out/ rotate/change colors.

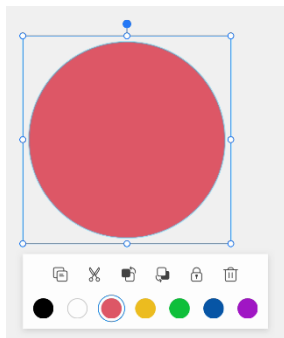


Finger gesture

Rotate:



Zoom in/out:

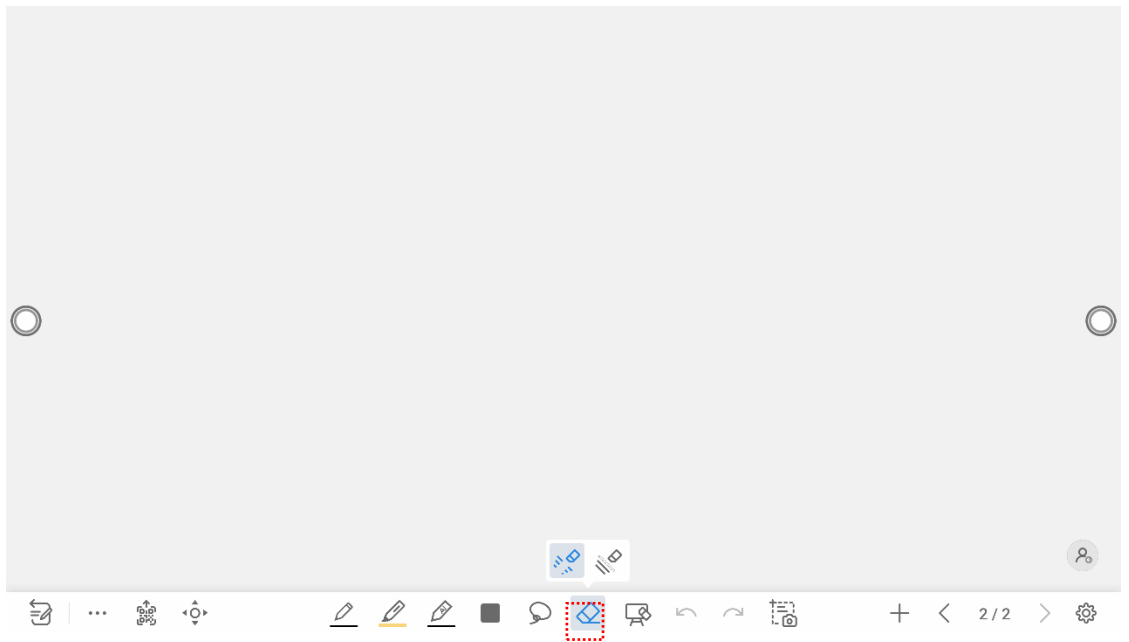


Icon	Functions
	Long press this icon to rotate the selected items
	Tap this icon to copy the items.
	Tap this icon to cut the items.
	Tap this icon to push to top layer.
	Tap this icon to push to bottom layer.
	Tap this icon to lock the layer.
	Tap this icon to delete the items.
	Paste (Long press the screen around two seconds. The icon will appear only after one object copied or cut)
	Tap this icon to unlock the layer. (The icon will appear only after one object locked)

Eraser

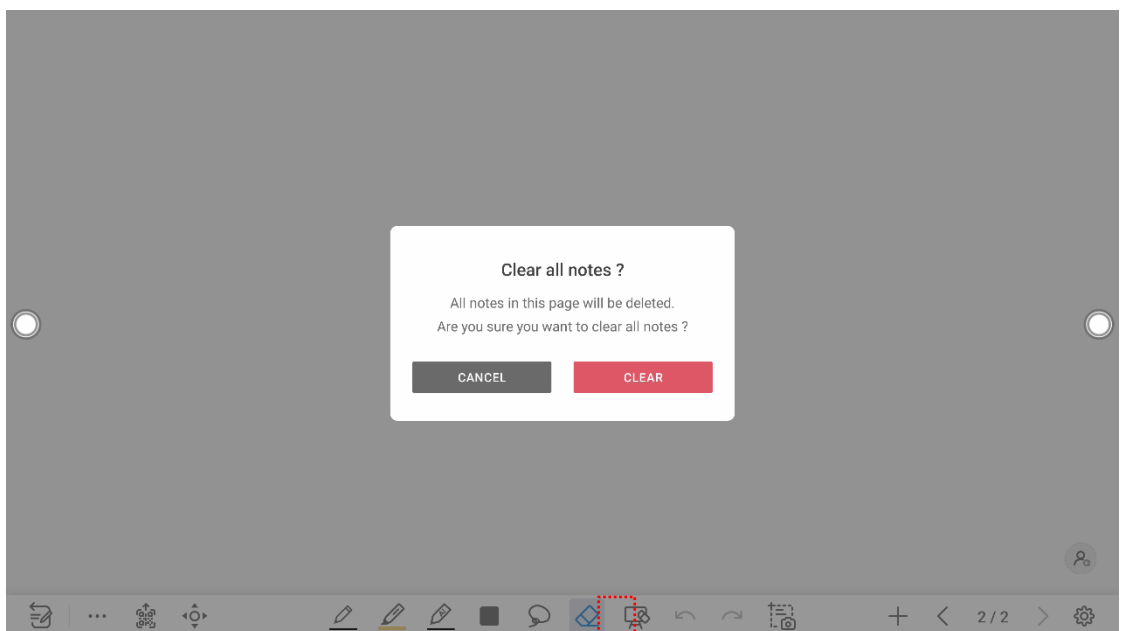
Two methods are available to erase written errors or content as follows:

- Partial eraser: Tap  to clear the passing part of eraser.
- Object eraser: Tap  to clear the whole object.



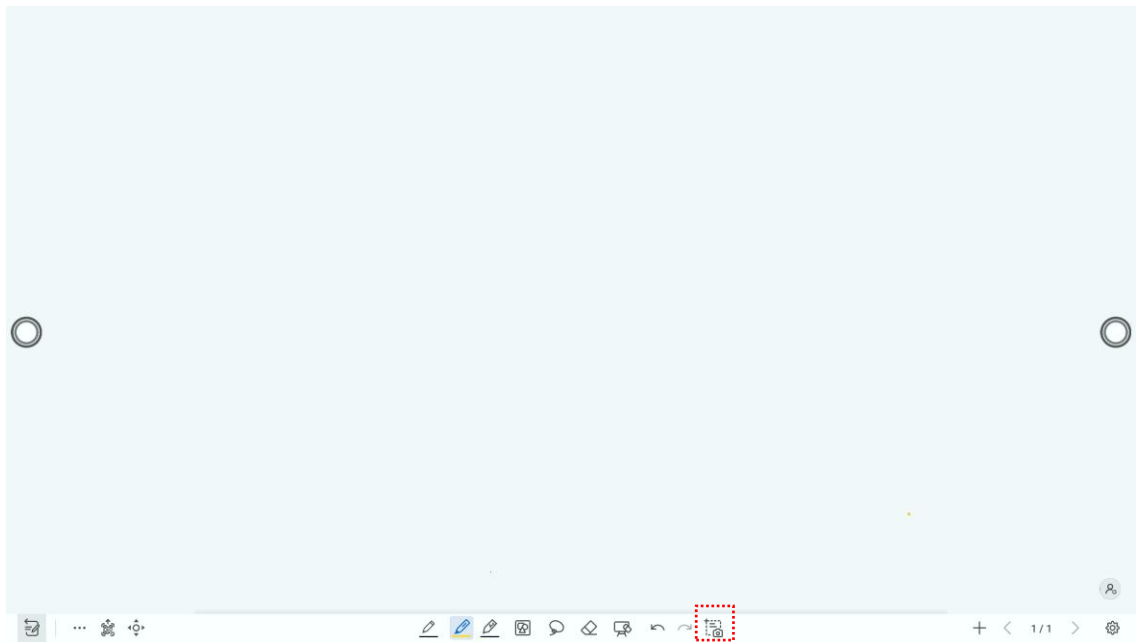
Clear All

On the Whiteboard page, tap  to show the pop-up windows to clear all content on the current page, as shown in the following figure:



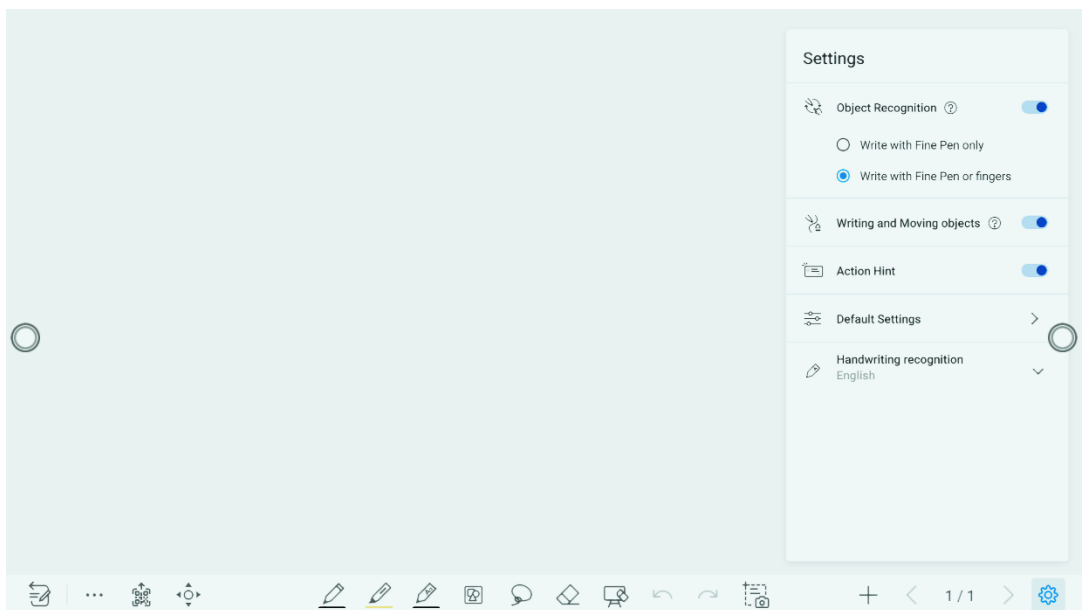
Capture

Tap  to take a screenshot, you can save the screenshot to pictures, print and share the screenshot.



1.4.2 Whiteboard Setting

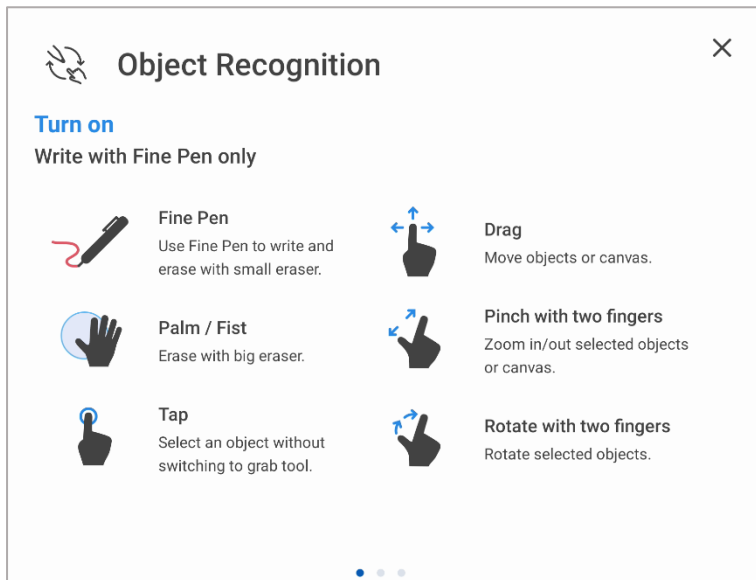
Tap the  icon to enter the settings bar, users can set the object recognition, action hint and default settings.



Object recognition

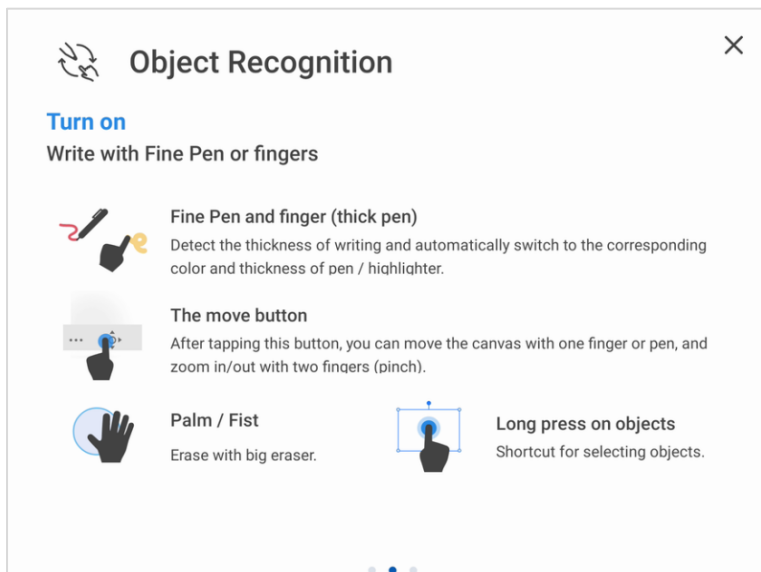
Users can drag the slider to enable the object detection function, tap  icon to view details functions, as shown in the following figure:

Example 1: Write with Fine Pen only



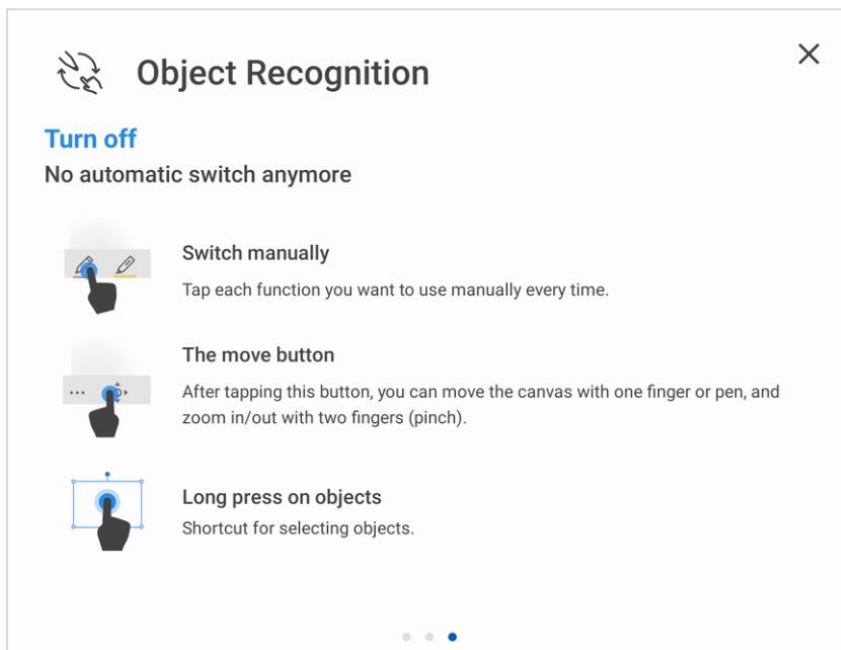
- Fine Pen (2mm): User Fine Pen to write and erase with small eraser.
- Fist/Palm: Identified as an eraser (100 pt).
- Tap: Select an object without switching to grab tool.
- Drag: Move objects or canvas.
- Pinch with two fingers: Zoom in/out selected objects or canvas.
- Rotate with two fingers: Rotate selected objects.

Example 2: Write with Fine Pen or fingers



- Fine Pen and finger (thick pen): User Fine Pen or finger (thick pen) to write. System will detect the thickness of writing and automatically switch to the corresponding color and thickness of pen/highlighter.
- The move button: After tapping this button, you can move the canvas with one finger or pen, and zoom in/out with two fingers (pinch).
- Palm/Fist: Erase with big eraser.
- Long press on objects: Shortcut for selecting objects.

Example 3: Turn off object recognition

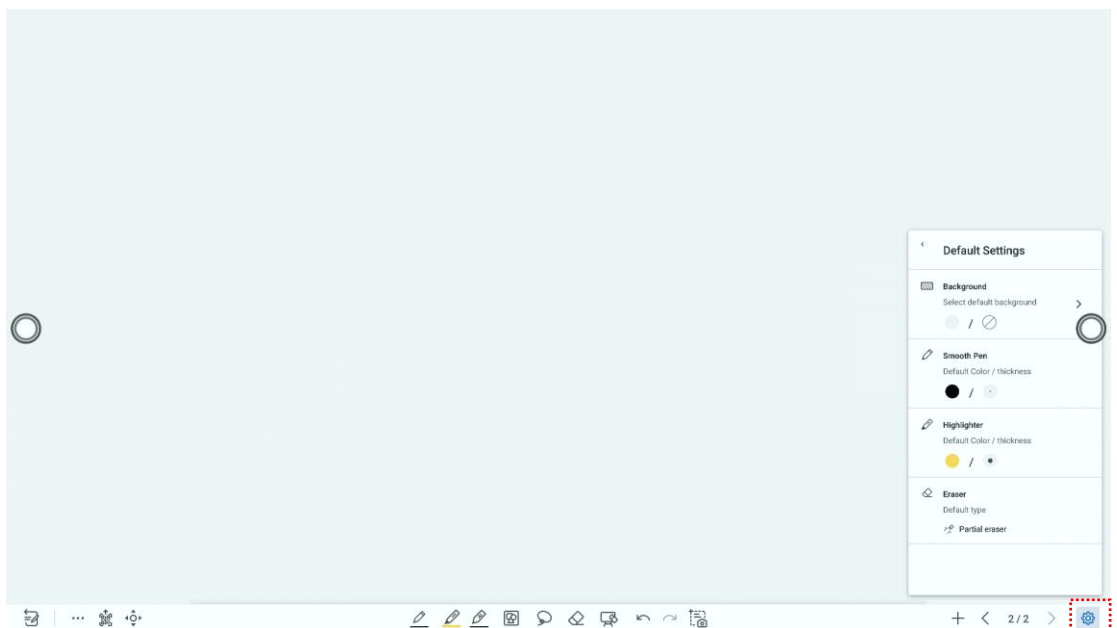


- Switch manually: Tap each function you want to use manually every time.
- The move button: After tapping this button, you can move the canvas with one finger or pen, and zoom in/out with two fingers (pinch).
- Long press on objects: Shortcut for selecting objects.

Writing and Moving objects: After enable the function, you can writing and moving the picture and shapes on the page without switching tools.

Action hint: Drag the slider to enable the action hint.

Default settings: Tap the button to enter the default setting page, any new page will use the default settings. Users can set whiteboard page background, change the color and thickness of Smooth Pen and Highlighter, change the default type of eraser, both object eraser and partial eraser can be set.



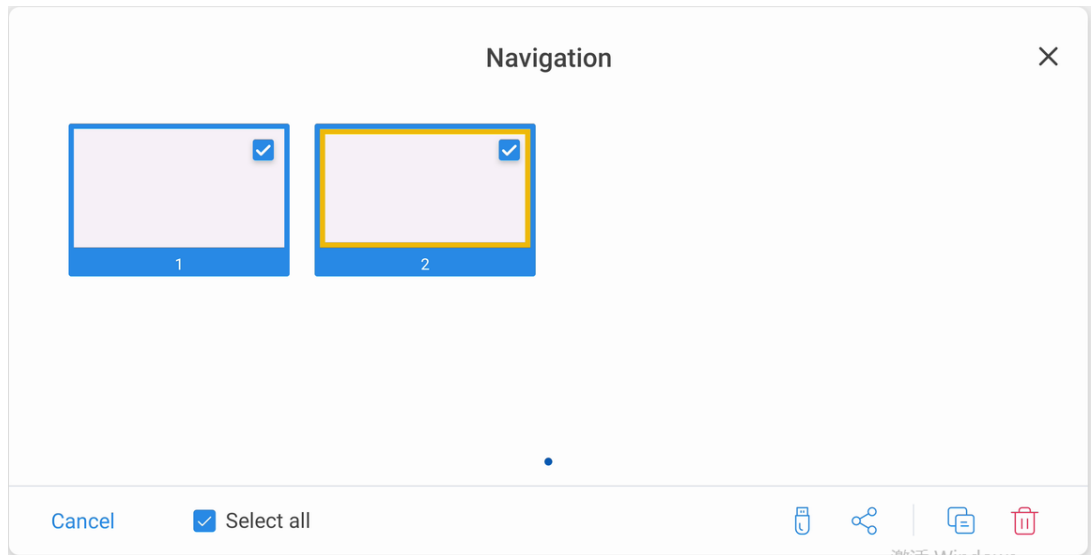
Handwriting recognition: Tap to select the language for handwriting recognition.

1.4.3 Page Operations

You can preview, select, and delete the writing page, you also can save the page to the USB Flash device or local files.

Page Preview

Tap **1 / 1** at the lower right corner in the whiteboard mode. All pages will be displayed. Tap one page to switch to that page for more operations, as shown in the following figure.



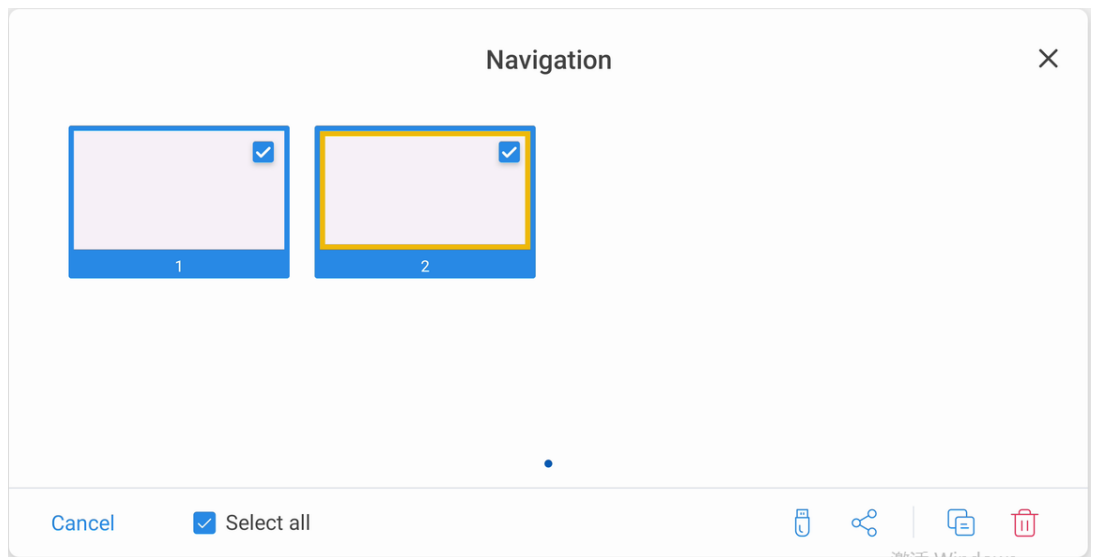
NOTE

Only 8 pages are displayed at once. You can slide right or left using one finger to see more.

Page Operation

On the **Navigation** page, you can select or delete writing pages according to requirements, as shown in the following figure:

- Tap  to select all pages.
- Tap  to save the writing pages to USB flash device.
- Tap  to share the writing pages to local file or AquaMail.
- Tap  to copy the page.
- Tap  to delete selected pages.

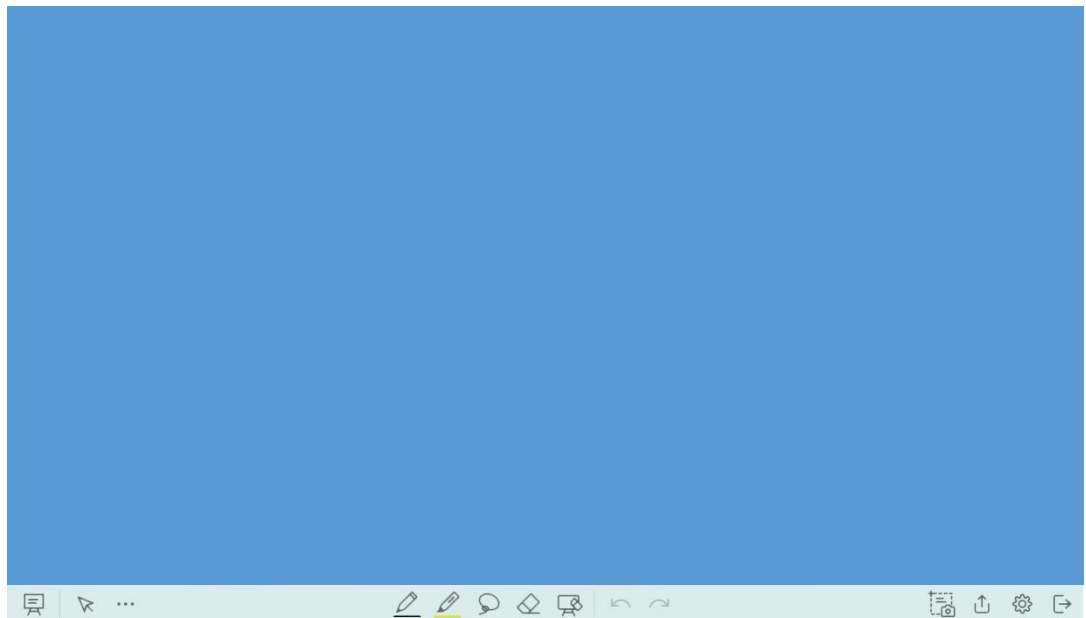


1.5 Annotation

In annotation mode, the system generates a transparent layer at the top of the screen, and users can add annotations to the transparent layer until the annotation mode is exited.

The user can enter the annotation mode through the following two methods:

- Tap the “” icon in the toolbar;
- In the “**Whiteboard**” interface, tap the “” icon.



1 2 3

4 5 6 7 8 9 10

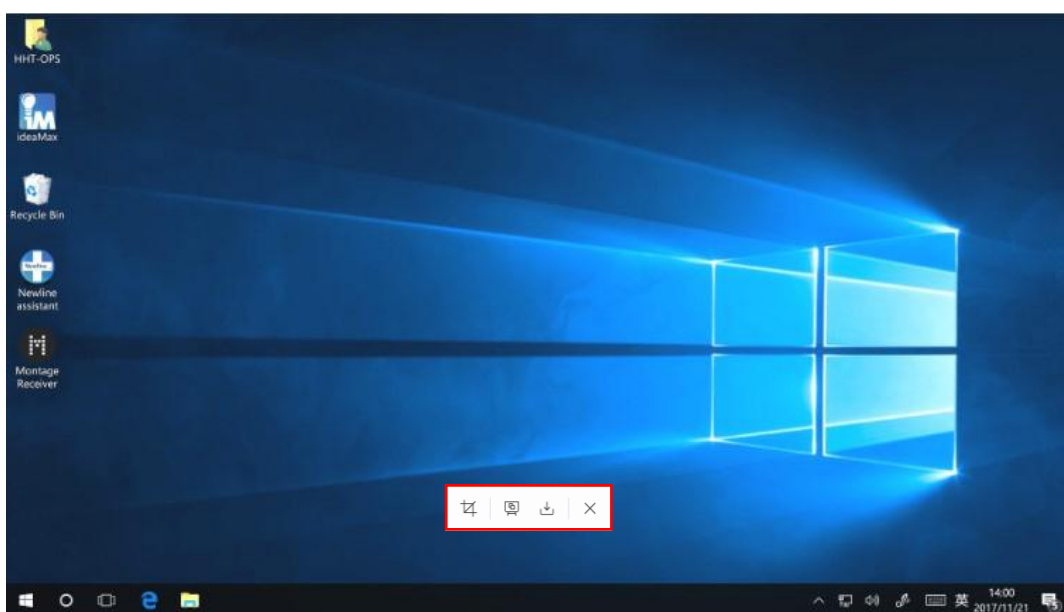
11 12 13 14

SN	Icon Name	Icon Function
1	Whiteboard	Tap to enter the whiteboard application.
2	Mouse	Tap to return to the current interface from the annotation mode to control the application or interface.

SN	Icon Name	Icon Function
3	Files	Tap to select PPT/PPTX/PDF format file to import into the annotation interface for annotation.
4	Pen	Tap to use the pen function, tap again to set the size or color. And the chosen color and the size would be shown by the icon.
5	Highlighter	Tap to use the Highlighter function, tap again to set the size or color. And the chosen color and size would be shown by the icon.
6	Select	Tap to select and edit the whiteboard content. When the object is selected, users can move, zoom in/out, copy, cut, rotate, lock, change layer or delete object.
7	Eraser	Tap to enter the eraser function and the icon will turn blue. Tap again to set the way of eraser.
8	Clear	Clear all data on this page.
9	Undo	Back to the previous step.
10	Redo	Tap to restore the action that was cancelled in the previous step.
11	Screenshot	Tap to take a screenshot, you can customize the way of saving.
12	Save	Tap to enter the navigation page, you can select and save the page to the USB Flash device or local files.
13	Setting	Tap to enter the annotation setting interface.
14	Close	Tap to exit the annotation mode.

Take a Screenshot

Tap  icon to enter take a screenshot interface, users can tap  icon to take a screenshot; tap  icon to switch to whiteboard mode; tap  icon to save screenshot, tap  icon to exit screenshot.



Settings

Tap  icon to pop up settings interface, you can turn on/off object recognition, Action hint, Auto screenshot and switch to Float Annotation Mode.

If Auto Screenshot setting is on, system will automatic take a screenshot when exiting the annotation mode.

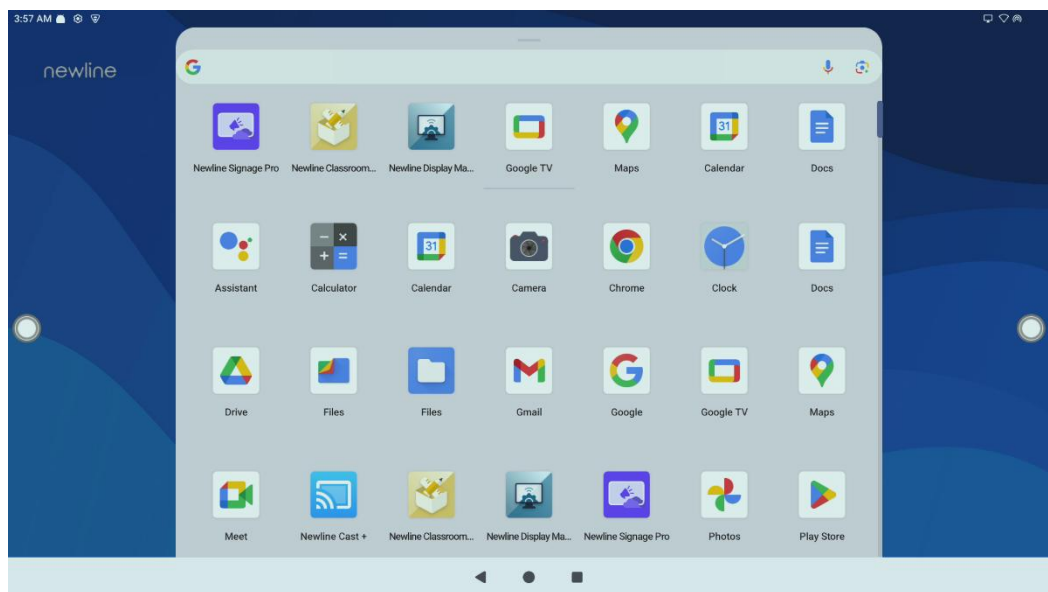
If Float Annotation Mode is on, the annotation toolbar will always be displayed at the top of the page.

Notes:

If you need more details instruction, please refer to whiteboard setting.

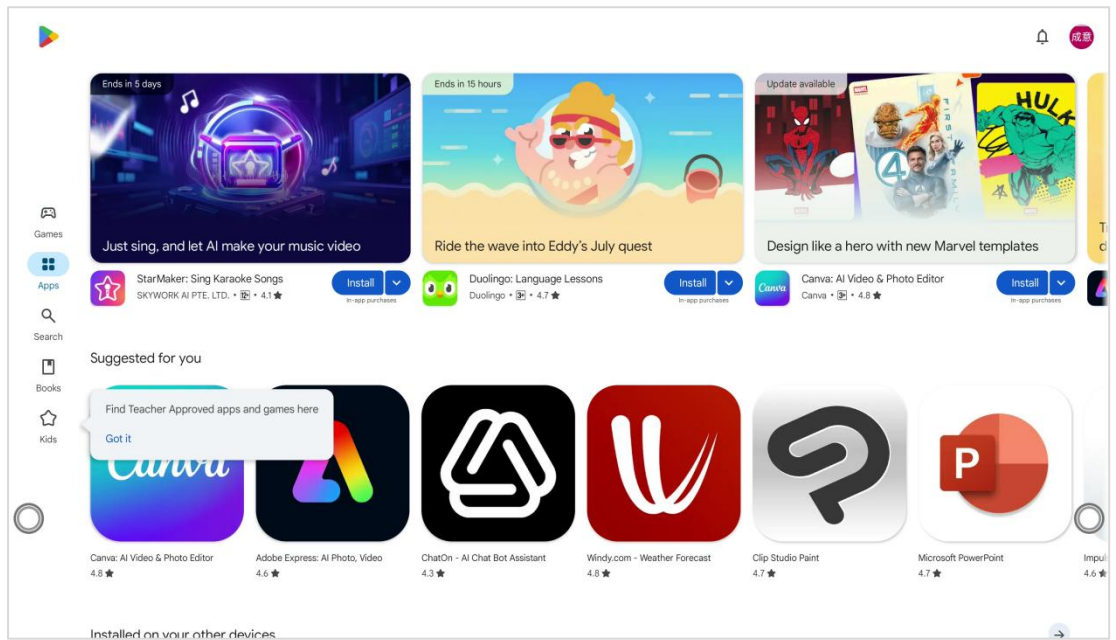
1.6 Application

Gadget displays all pre-installed applications. Tap the icon of an application to run the application. On the Homepage interface, swipe up with fingers to enter the gadget interface.



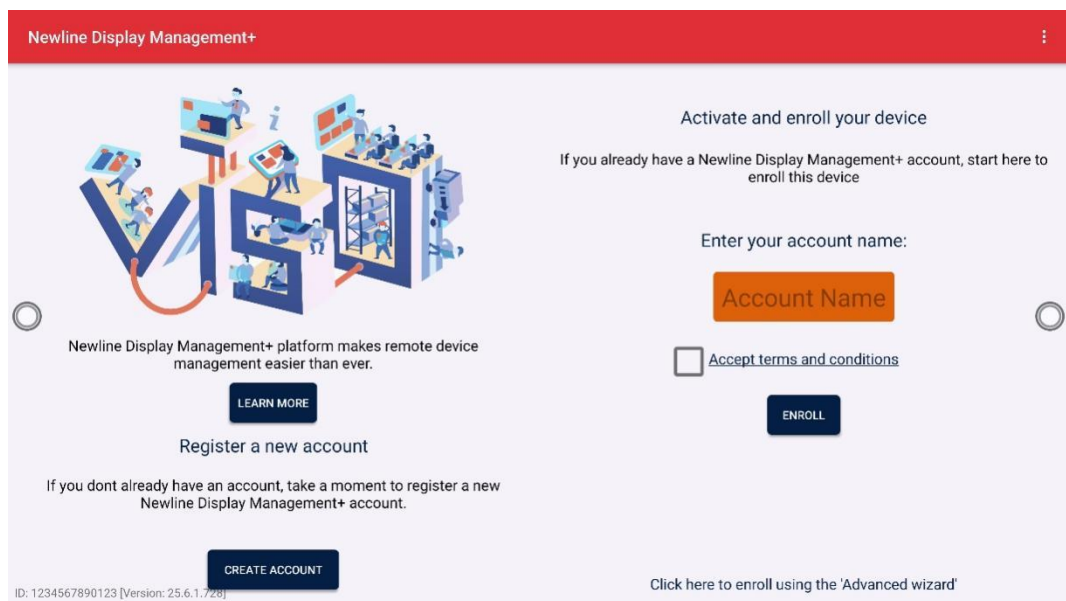
1.6.1 Google Play Store

Enter the Play Store, you can install apps as you need, enter my apps to uninstall the applications.



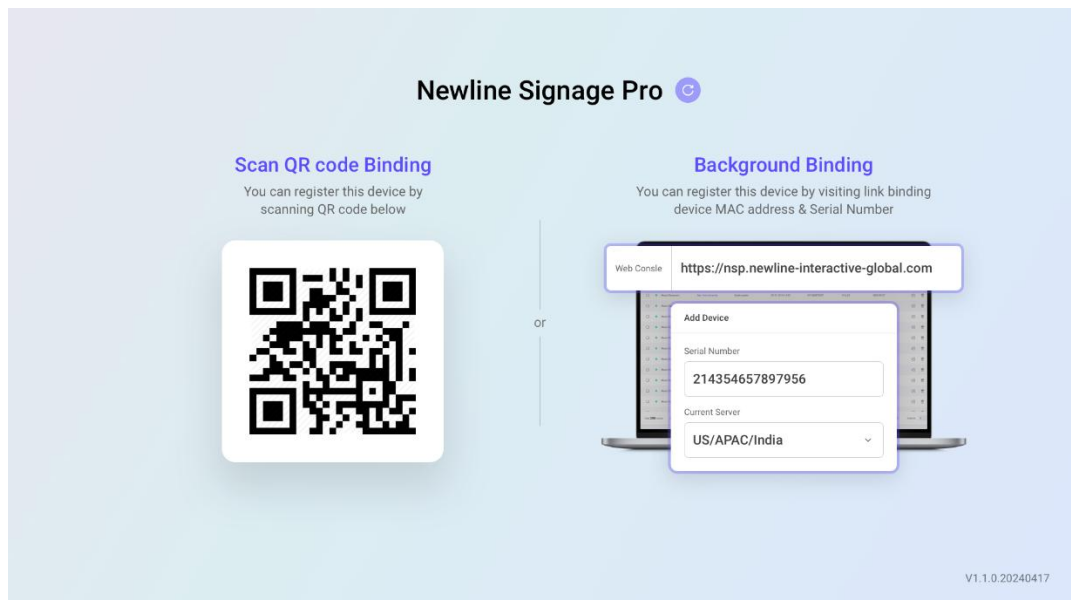
1.6.2 Newline Display Management+

Newline Display Management Plus is a remote display management solution that enables users to centrally manage the Newline displays from the comfort of their desk. Users can deploy and install apps, configure display settings, and push updates without communicating back and forth.



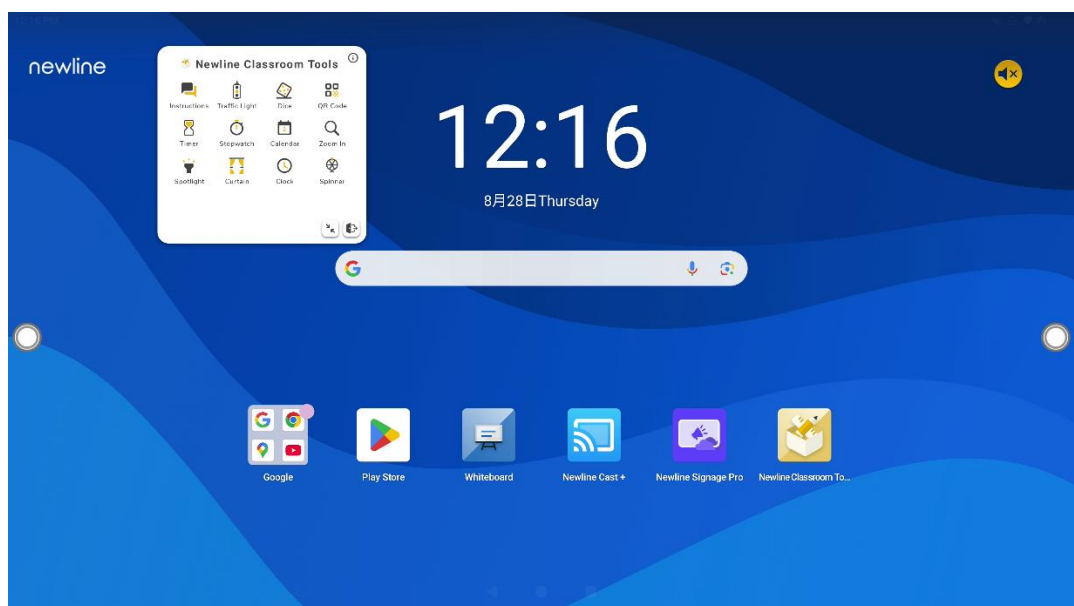
1.6.3 Newline Signage Pro

Newline Signage Pro is an advanced digital signage software designed to make content management and deployment simple and efficient. Newline Signage Pro provides a complete digital signage solution for schools and businesses.



1.6.4 Newline Classroom Tools

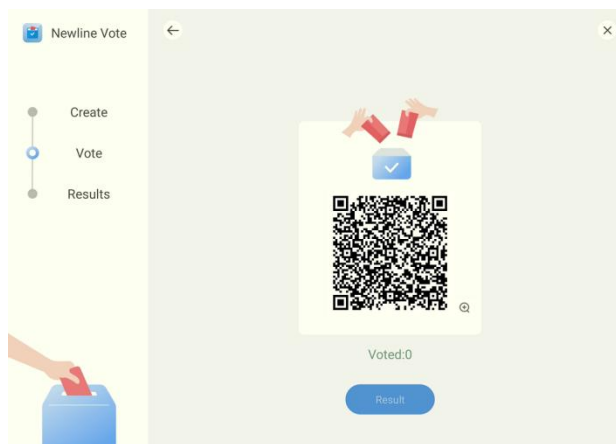
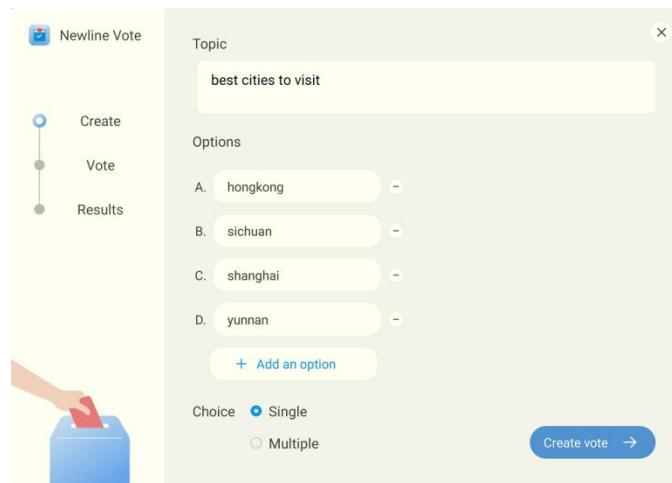
The Classroom Tools widget is active in the background until the teacher needs it. As an overlay, the teacher opens the tools menu even after navigating between screens. This cuts down transition time and the number of devices needed throughout the day such as a timer, stopwatch, and more.



1.6.5 Vote

Tap the “” icon on the Application program to enter “**Vote**”:

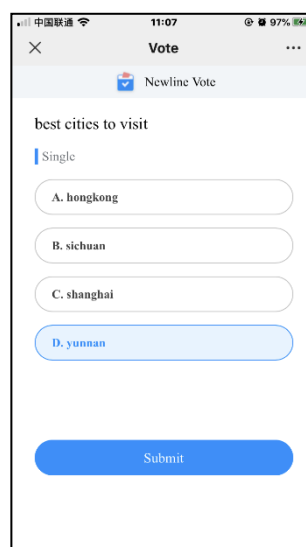
Users can input a topic (not required) and input options (2 options minimum, 10 options maximum). After tapping “**Complete**”, a QR code is generated for users to scan with their mobile devices.



NOTE

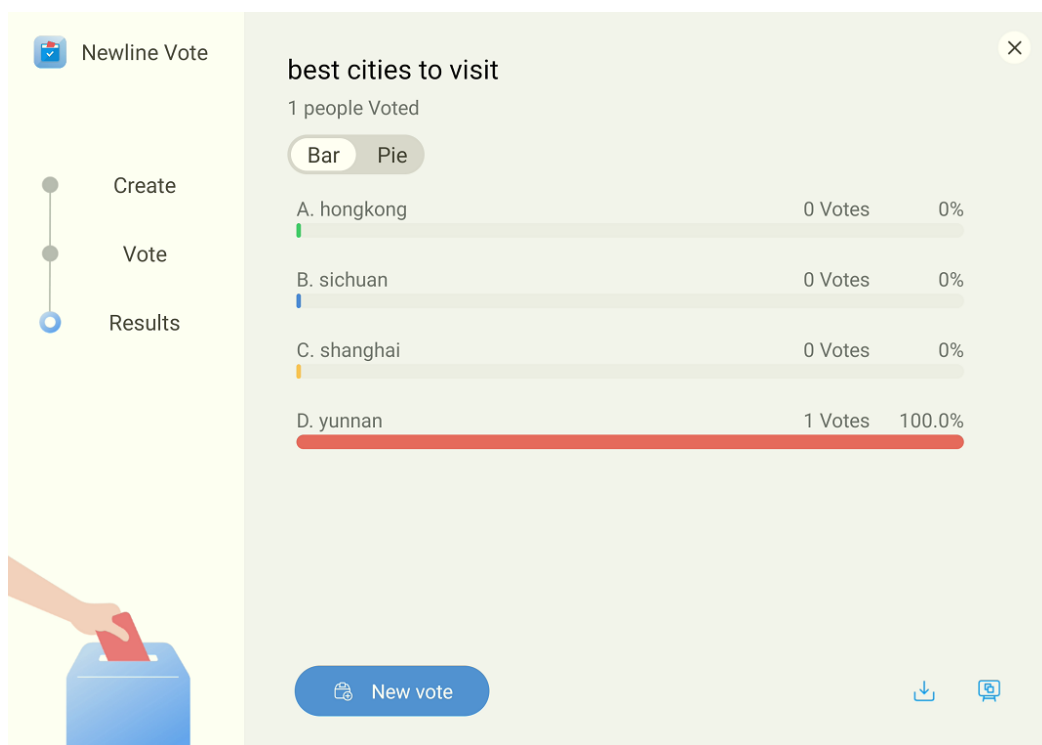
“Vote” only works when both the panel and the mobile device are connected to the internet.

User will see the voting topic and options on the mobile device after the QR code is scanned. After making the selection, tap “**submit**” to cast vote.



In the voting process, the number of voters is displayed in real-time under the QR code. Users can tap “**Result**” button to terminate the current vote process and show the voting results. The voting results can be displayed in the “**Pie chart**” or “**Bar chart**” form.

Users can tap **Insert into whiteboard** to insert the current voting results into the whiteboard.



1.6.6 Visualizer

Tap the “” icon to enter the Visualizer application.



SN	Icon Name	Icon Function
1	Annotation	Tap to enter annotation mode.
2	Whiteboard	Tap to enter whiteboard mode.

3	Screen Display	Tap to display the visualizer camera.
4	Screen Split Mode (2)	Tap to display in 2 split screen mode.
5	Screen Split Mode (4)	Tap to display in 4 split screen mode.
6	Camera Switch	Tap to change the camera (only when the panel has an upper and lower camera).
7	Capture	Tap to take a screenshot, you can paste the screenshot on whiteboard, save it to files, save it to USB or Share it.
8	Rotation (Clockwise direction)	Rotate the camera image by clockwise direction.
9	Rotation (Counter-Clockwise direction)	Rotate the camera image by counter-clockwise direction.
10	Adjustment	Tap to adjust the brightness, contrast, saturation, sharpness.
11	Setting	Tap to set image mode, resolution, color system.
12	Exit	Tap to exit the visualizer.
13	Insert	Tap to capture or inset image from the files.

1.7 Extended Functions

Functions	Status	Operation
Sound Only	After entering the sound only mode, the screen was extinguished and the sound played normally.	Turn on Tap the  icon in the Quick Access Bar. Turn off Tap anywhere on the screen.
Freeze	After entering the freeze screen mode, the freeze screen icon appears in the upper right corner of the screen	Turn on 1 Press the freeze button on the remote control; 2 Tap the freeze icon in the Quick Access Bar. Turn off 1 Double-click the screen; 2 Press the freeze button on the remote control.

1.7.1 Capture

Using the screenshot function, you can capture the current page and save it in the form of a picture. You can enter the screenshot by the following way:

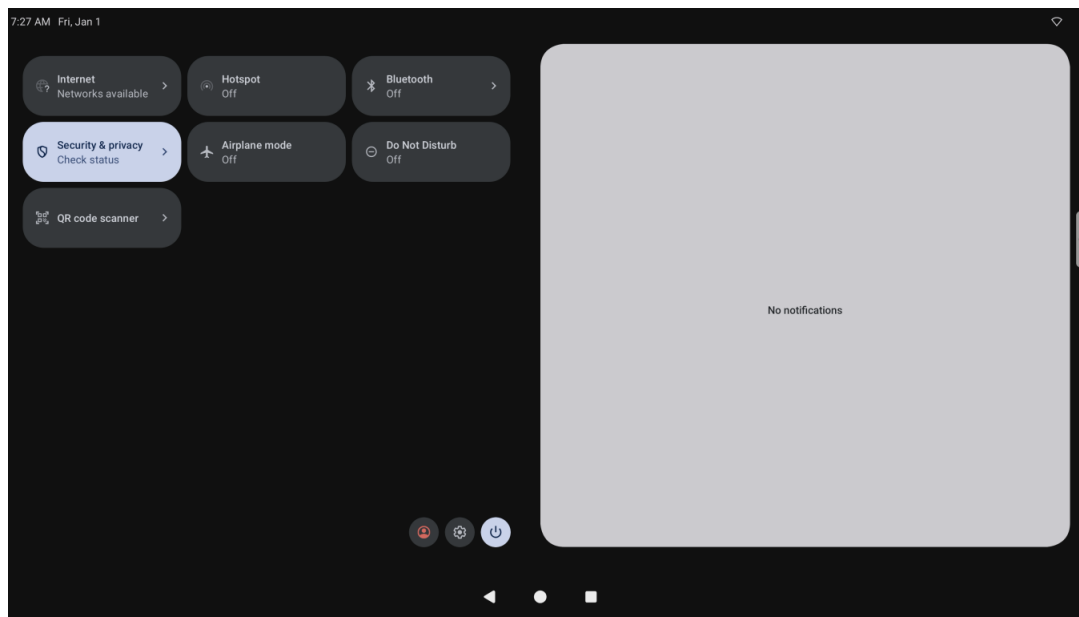
- Tap the **Screenshot** icon on the Quick access bar;
- Tap the **Save** icon on the annotation page.

Common functions

- **Freedom:** Select the free mode, you can freely drag the screenshot box to adjust the screenshot screen;
- **Full screen:** Select full screen mode, full screen capture;
- **Save:** Click Save to get the screenshot and save it automatically;
- **Insert:** Take the screen capture as a picture and insert it into the whiteboard;
- **Close:** Exit screenshot mode.

1.7.2 Control Center

Using fingers and swipe down from the top of the screen to access the Control Center, shortcuts are displayed on the left and notifications are displayed on the right, as shown in the following figure.



Icon	Functions
	Tap the icon to change the internet.
	Tap to enable or disable the hotspot.
	Tap to enable or disable the Bluetooth.
	Tap to enable or disable the Security & privacy.
	Tap the icon to enable the Airplane mode.
	Tap the icon to enter the Do Not Disturb.
	Tap to enable or disable the QR code scanner.
	Tap the icon to enter the account selection interface, you can switch users, add user and guest.

Icon	Functions
	Tap the icon to enter the settings page.
	Tap the icon to select access to power off and restart.

1.8 Settings

Enter the system setting page using one of the following methods:

- Tap  on the **Application** page.
- In the **Control Center Menu**, tap the  icon.

1.8.1 Network & Internet

Enter the **Network & Internet** submenu to enable Wi-Fi or Ethernet, view network information, and enable the Wake on LAN function.

Menu	Setting	Functions
Internet	Wi-Fi	Tap to enable the Wi-Fi function.
	Network Preferences	Enable or disable the Wi-Fi automatically turn on, install the certificates as you need.
Wired network	ON/OFF	When the RJ45 port is properly connected to the network cable, tap the button to View the MAC address, IP address, gateway, subnet mask, and DNS information.
Hotspot & tethering	Wi-Fi hotspot	Share a network through a Wi-Fi hotspot
	USB tethering	Share the network via USB
	Bluetooth tethering	Share the network via Bluetooth
LAN Control	ON/OFF	LAN control uses the Internet and Internet Protocol to transmit data and enable devices to communicate wirelessly.
VPN	VPN	Configure the VPN and verify the CA certificate.
Private DNS	ON/OFF	Tap to select DNS mode, off, automatic, private DNS provider hostname three modes are available.

1.8.2 Connected devices

Enter the **Connected devices** submenu to check the connected devices, system will automatically detect and connect to new device via Bluetooth.

Menu	Functions
Pair new device	Turn on Bluetooth and automatically search for available devices nearby. 1 Pairing other display, mobile phones, computers, need to enter the pairing password or two-way confirmation; 2 Bluetooth audio, keyboard and mouse can be directly paired, no need to enter a password.
See all	All devices can be viewed, including paired and available devices.

1.8.3 Sound & display

Enter the **Sounds and display** submenu to adjust the sound, customize the wallpaper and appearance.

Menu	Setting	Functions
Sound & vibration	Media volume	Adjust the volume of media
	Call volume	Adjust the volume of call
	Ring volume	Adjust the volume of ring
	Notification volume	Adjust the volume of Notification
	Alarm volume	Adjust the volume of alarm
	Do not disturb	Turn Do not Disturb mode on or off, set the apps available in Do not disturb mode.
	Media	Set the media information
	Default Notification sound	Set the default Notification sound
	Default alarm sound	Set the default alarm sound
	Screen lock sound	Switch ON/OFF
	Touch sounds	Switch ON/OFF
Display	Lock display	Lock screen: Set the operation information of the lock screen page. Screen timeout: Set the screen saver time, the screen will lock automatically after reaching the set time.
	Appearance	Select the theme, support three themes, Google Theme、Newline Q Theme and Newline Z Theme. Enable the dark theme and logo, Set font size and screen size.
	Color	Set the color and contrast
	Other display controls	Set the HDMI and screen saver
Wallpaper	Change wallpaper	Changeable wallpaper (wallpaper needs to be less than 10M and resolution is less than or equal to 4K).
	Wallpaper Color	Changeable wallpaper color

1.8.4 Advanced features

Enter the **Advanced features** submenu to enable the function, you can set the sleep time, when the set time is reached, the device automatically enter the sleep.

1.8.5 Google

Enter the **Google** submenu to sign in to your google account. You can sign in to your google account by the following method:

- On the Home page, slide right to enter the google login interface;
- Sign in to any one of google apps;

- Enter **Settings** > **Google** to sign in.

1.8.6 Location

Enter the **Location** submenu to use location, view the apps recently accessed location and location services.

Menu	Functions
Use location	Switch ON/OFF
App location permissions	Set the permission of app to access the device's location.

1.8.7 Security & Privacy

Enter the **Security** submenu to view the security status, update the security and add the screen lock.

Menu	Functions
Screen lock	None: Turn off the screen lock.
	Swipe: Swipe the screen to unlock.
	Pattern: Draw an unlock pattern, the pattern need connect at least 4 dots.
	PIN: Set the pin code, the pin must be at least 4 digits.
	Password: Set the password, the password must be at least 4 characters.
	QR code: Switch on/off. When the function is turned on, a QR code will appear on the lock screen, and the user will scan the QR code and enter the password/pin code from the phone to unlock the device.

1.8.8 System

Enter the **System** submenu to see system version information and admin mode.

Menu	Setting	Functions
Languages	Set the language and keyboard	Language, app language, on-screen keyboard and physical keyboard can be chosen.
Keyboard	Select the keyboard	
Gesture	Quick open camera	Switch ON/OFF
	System navigation	Gesture navigation, 3-button navigation can be chosen.
Date & Time	Set time automatically	Switch ON/OFF
	Select date format	Switch ON/OFF
Apps	Display the installed app, you can enter a single app to set application information	
Storage	View the storage and space distribution of the device and disk.	
OTA notification	Switch ON/OFF	When you enable the function, update notifications will gracefully manifest as pop-up prompts.
System update	Under the condition of system networking, the new version will be automatically detected, and if there is a new version, it will be automatically upgraded.	
Users	Allow user switch	Switch ON/OFF

	Owner	Tap to change owner icon and name.
	Add User	You can share this device with other people by creating additional users. Each user has their own space with customizable options such as apps, wallpapers and so on. Switch to new user: Tap to switch to other user or guest. Delete user: Delete the user account.
	Add Guest	No password is required to access the system as a guest.
	Delete guest activity	Switch ON/OFF
	Add users from lock screen	Switch ON/OFF
Reset options	Reset Wi-Fi, mobile & Bluetooth	Tap to reset all network settings.
	Reset App Preferences	Tap to reset all preferences.
	Factory Data Reset	Tap to erase all data.

How to create users

The users icon  will appear on the lock screen page and control center, tap the icon to add roles and switch users. You can create account by the following method:

- Enter **Settings > System > Users** to add users;
- Tap the  icon on the lock screen page to add users;
- Tap the  icon on the Control Center to add users.

How to switch accounts between users and guest

- Enter **Settings > System > Users> switch to new user**;
- Tap the  icon on the lock screen page to switch users.
- Tap the  icon on the Control Center to switch users.

1.8.9 About Tablet

Enter the **About tablet** submenu to check the system info such as Model, serial number, system version, firmware version, IP address, MAC address...etc.

2 IP Control

The following tables list controlling codes, querying codes and return codes.

IP	Machine IP
Port: TCP/UDP	6688

Function	Controlling codes	Return codes
Power off	7F 08 99 A2 B3 C4 02 FF 01 01 CF	7F 09 99 A2 B3 C4 02 FF 01 01 01 CF
Sleep Mode On	7F 08 99 A2 B3 C4 02 FF 01 04 CF	7F 09 99 A2 B3 C4 02 FF 01 04 01 CF
Sleep Mode Off	7F 08 99 A2 B3 C4 02 FF 01 03 CF	7F 09 99 A2 B3 C4 02 FF 01 03 01 CF
Mute/Unmute	7F 08 99 A2 B3 C4 02 FF 01 02 CF	7F 09 99 A2 B3 C4 02 FF 01 02 01 CF
Enable whiteboard	7F 08 99 A2 B3 C4 02 FF 01 07 CF	7F 09 99 A2 B3 C4 02 FF 01 07 01 CF
Enable the annotation function	7F 08 99 A2 B3 C4 02 FF 01 40 CF	7F 09 99 A2 B3 C4 02 FF 01 40 01 CF
Display status	7F 08 99 A2 B3 C4 02 FF 01 09 CF	7F 09 99 A2 B3 C4 02 FF 01 09 01 CF
HDMI IN	7F 08 99 A2 B3 C4 02 FF 01 0A CF	7F 09 99 A2 B3 C4 02 FF 01 0A 01 CF
Page up	7F 08 99 A2 B3 C4 02 FF 01 13 CF	7F 09 99 A2 B3 C4 02 FF 01 13 01 CF
Page down	7F 08 99 A2 B3 C4 02 FF 01 14 CF	7F 09 99 A2 B3 C4 02 FF 01 14 01 CF
VOL -	7F 08 99 A2 B3 C4 02 FF 01 17 CF	7F 09 99 A2 B3 C4 02 FF 01 17 01 CF
VOL +	7F 08 99 A2 B3 C4 02 FF 01 18 CF	7F 09 99 A2 B3 C4 02 FF 01 18 01 CF
Menu	7F 08 99 A2 B3 C4 02 FF 01 1B CF	7F 09 99 A2 B3 C4 02 FF 01 1B 01 CF
Home page	7F 08 99 A2 B3 C4 02 FF 01 1C CF	7F 09 99 A2 B3 C4 02 FF 01 1C 01 CF
Return (exit)	7F 08 99 A2 B3 C4 02 FF 01 1D CF	7F 09 99 A2 B3 C4 02 FF 01 1D 01 CF
OK	7F 08 99 A2 B3 C4 02 FF 01 2B CF	7F 09 99 A2 B3 C4 02 FF 01 2B 01 CF
←	7F 08 99 A2 B3 C4 02 FF 01 2C CF	7F 09 99 A2 B3 C4 02 FF 01 2C 01 CF
→	7F 08 99 A2 B3 C4 02 FF 01 2D CF	7F 09 99 A2 B3 C4 02 FF 01 2D 01 CF
↑	7F 08 99 A2 B3 C4 02 FF 01 2E CF	7F 09 99 A2 B3 C4 02 FF 01 2E 01 CF
↓	7F 08 99 A2 B3 C4 02 FF 01 2F CF	7F 09 99 A2 B3 C4 02 FF 01 2F 01 CF
Set volume	7F 08 99 A2 B3 C4 02 FF 05 XX CF	7F 09 99 A2 B3 C4 02 FF 05 XX 01 CF

Query the firmware version number	7F 08 99 A2 B3 C4 02 FF 01 3D CF	7F 09 99 A2 B3 C4 02 FF 01 3D XX CF
Switch to screen lock	7F 08 99 A2 B3 C4 02 FF 01 57 CF	7F 09 99 A2 B3 C4 02 FF 01 57 01 CF
Screenshot	7F 08 99 A2 B3 C4 02 FF 01 1F CF	7F 09 99 A2 B3 C4 02 FF 01 1F 01 CF
Settings	7F 08 99 A2 B3 C4 02 FF 01 20 CF	7F 09 99 A2 B3 C4 02 FF 01 20 01 CF
Freeze ON/OFF toggle	7F 08 99 A2 B3 C4 02 FF 01 3B CF	7F 09 99 A2 B3 C4 02 FF 01 3B 01 CF
Freeze On	7F 09 99 A2 B3 C4 02 FF 0B 00 CF	7F 09 99 A2 B3 C4 02 FF 0B 00 01 CF
Freeze Off	7F 09 99 A2 B3 C4 02 FF 0B 01 CF	7F 09 99 A2 B3 C4 02 FF 0B 01 01 CF
Mute On	7F 09 99 A2 B3 C4 02 FF 0F 00 CF	7F 09 99 A2 B3 C4 02 FF 0F 00 01 CF
Mute Off	7F 09 99 A2 B3 C4 02 FF 0F 01 CF	7F 09 99 A2 B3 C4 02 FF 0F 01 01 CF
Set Display message on the OSD	7F 09 99 A2 B3 C4 02 FF 1A XX CF NOTE: ● XX indicates the value of text content up to 50 characters	7F 09 99 A2 B3 C4 02 FF 1A 00 XX CF NOTE: ● XX = 01 indicates set OSD OK. ● XX = 00 indicates set OSD failed.
Activate Newline cast+	7F 08 99 A2 B3 C4 02 FF 00 C1 CF	7F 09 99 A2 B3 C4 02 FF 00 C2 01 CF
Close Newline cast+	7F 08 99 A2 B3 C4 02 FF 01 D1 CF	7F 09 99 A2 B3 C4 02 FF 01 D2 01 CF

Function	Querying codes	Return codes
Power supply	7F 08 99 A2 B3 C4 02 FF 01 37 CF	7F 09 99 A2 B3 C4 02 FF 01 37 XX CF Notes: XX = 00: the panel is in Power off state; XX = 01: the panel is in Power on state.
Speaker	7F 08 99 A2 B3 C4 02 FF 01 82 CF	7F 09 99 A2 B3 C4 02 FF 01 82 XX CF Notes: 01: Mute; 00: Unmute.
Current signal source	7F 08 99 A2 B3 C4 02 FF 01 50 CF	7F 09 99 A2 B3 C4 02 FF 01 50 XX CF Notes: Smart system = 30; HDMI In = 19;
Speaker volume	7F 08 99 A2 B3 C4 02 FF 01 33 CF	7F 09 99 A2 B3 C4 02 FF 01 33 XX CF Notes: XX indicates current volume value (XX is a hexadecimal value, range: 00~64). For example, XX = 20 indicates current volume value is 32 (decimal value), XX = 00 indicates mute state.
Whiteboard state	7F 08 99 A2 B3 C4 02 FF 01 83 CF	7F 09 99 A2 B3 C4 02 FF 01 83 XX CF Notes: XX = 00 indicates non-whiteboard state. XX = 01 indicates the whiteboard state.

Sleep Mode Status	7F 08 99 A2 B3 C4 02 FF 01 45 CF	7F 09 99 A2 B3 C4 02 FF 01 45 XX CF Notes: XX = 00: the panel is in sleep state; XX = 01: the panel isn't in sleep state;
Return to system state of the previous options	7F 08 99 A2 B3 C4 02 FF 0A 00 CF	7F 08 99 A2 B3 C4 02 FF 0A 00 AB CD EF GH ST UV WS CF Notes: AB: Power supply; CD: Speaker; EF: Current signal source; GH: Speaker volume; ST: Whiteboard state; UV: Power button lock state; WS: Sleep Mode Status.

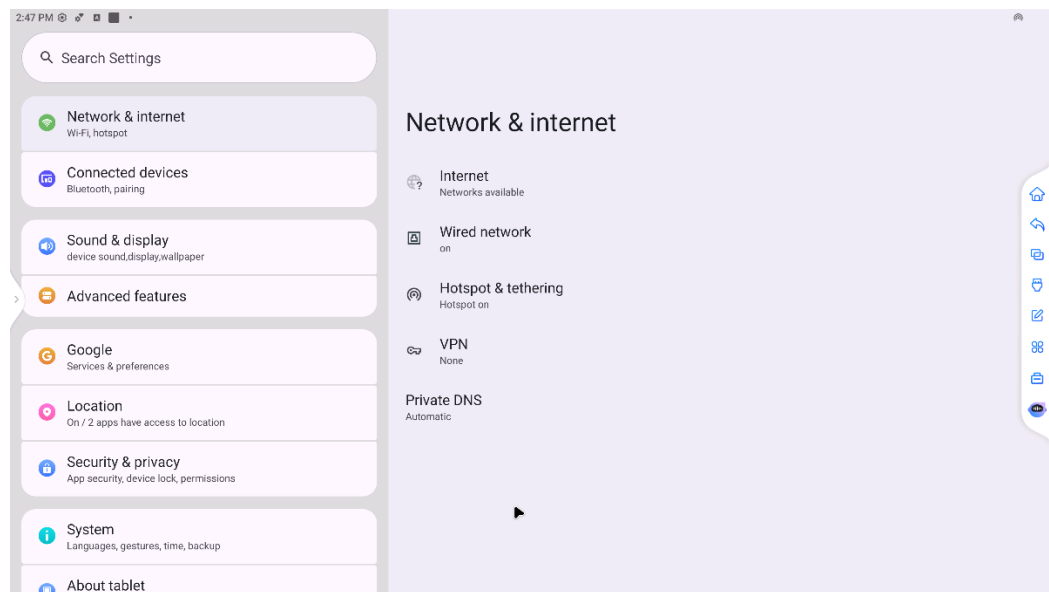
3 Setup Menu Feature

3.1 Setting Menu

Enter **Settings** to adjust your system

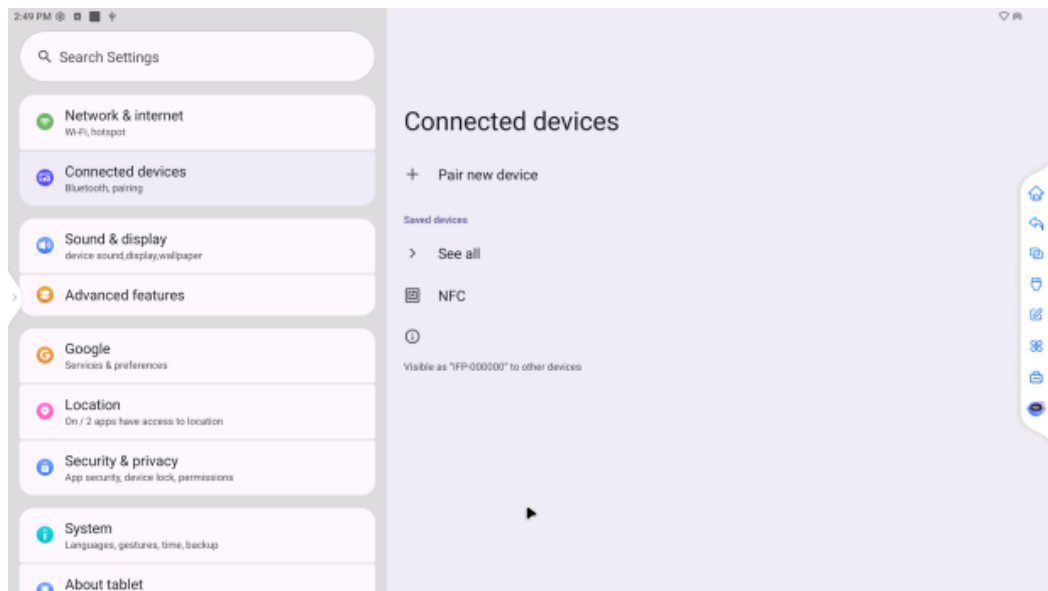
3.1.1 Network and Internet

Tap **Settings** > **Network & internet** to adjust network setting. Supports wireless network connection, wired network connection, hotspot and network sharing, VPN functionality, etc.



3.1.2 Connected Devices

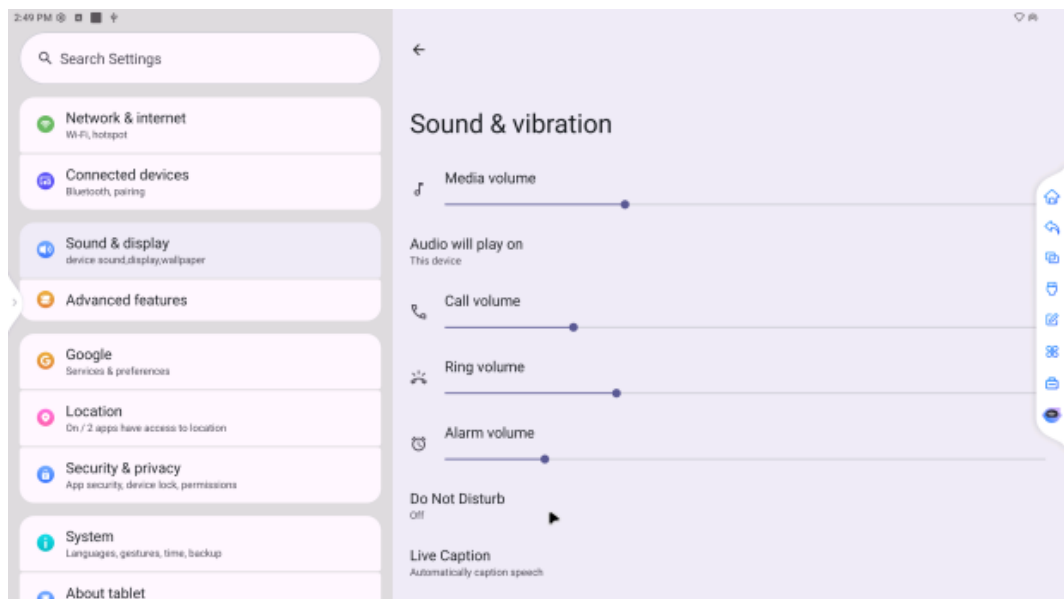
Supports other devices connecting to the host machine via Bluetooth and NFC for interactive operations such as file transfer, etc. Tap **Settings** > **Connected devices** to manage



3.1.3 Sound and Display

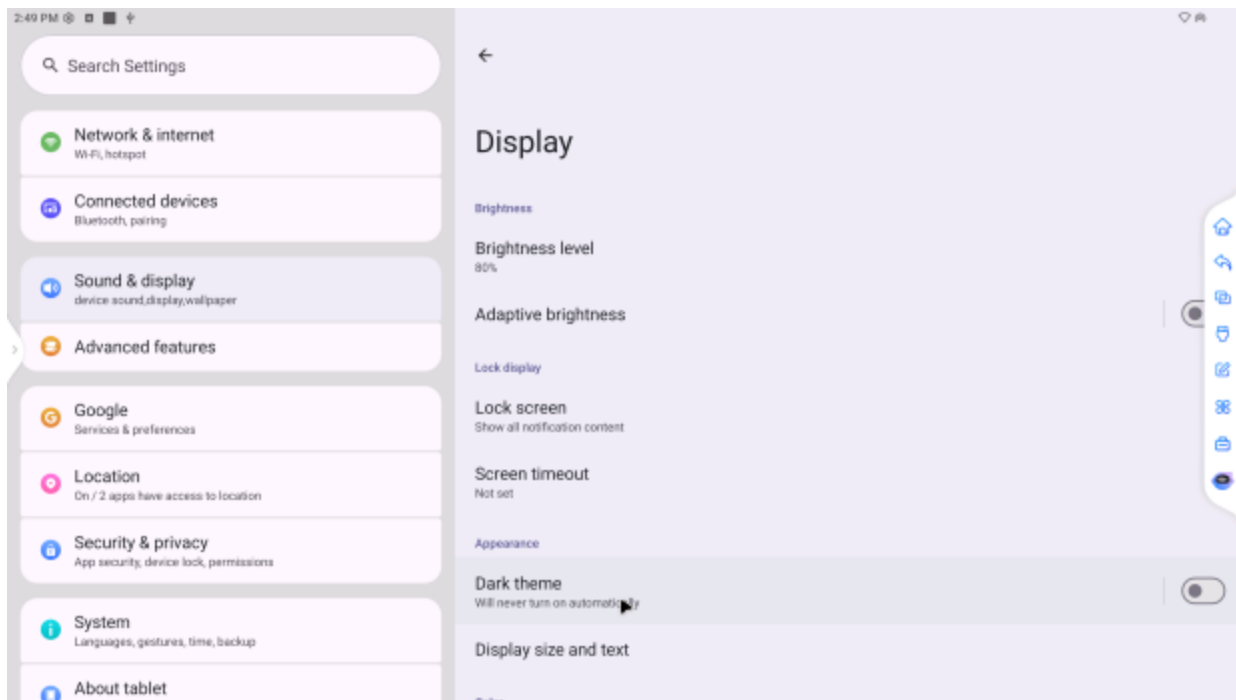
Tones and Vibration

Supports user adjustment of media volumes including call, ringtone, and alarm volumes. Tap **Settings > Sound & Display** to manage



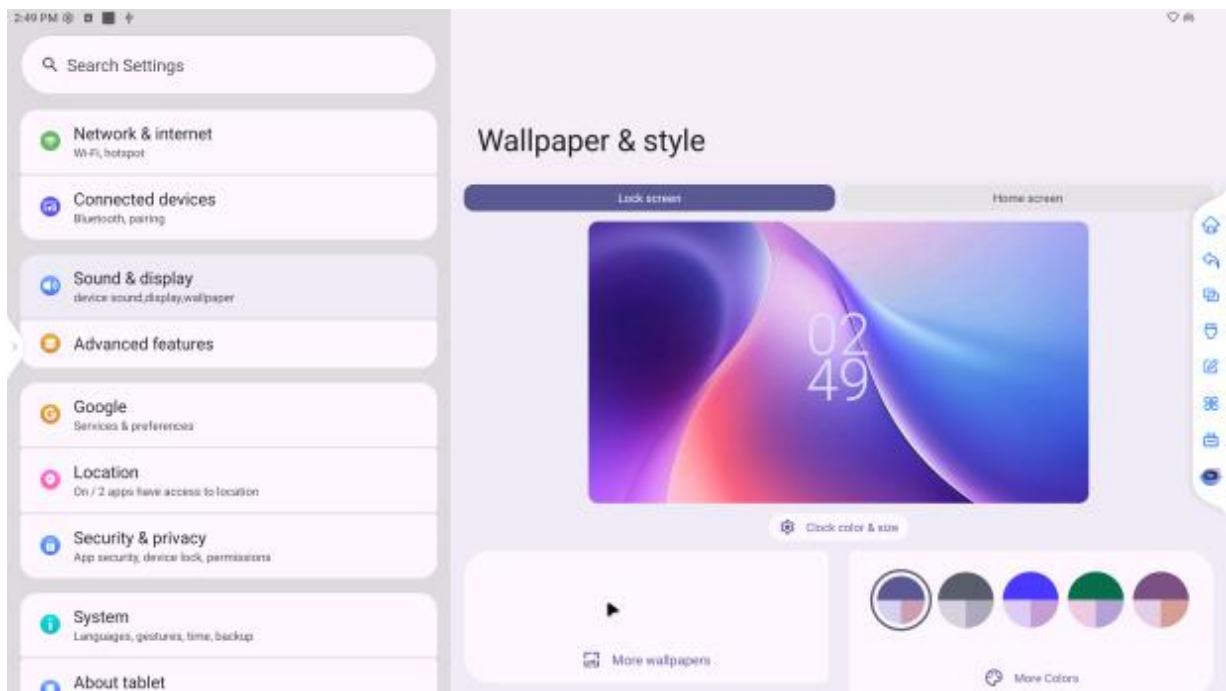
Display Settings

Supports user-adjustable screen brightness, auto-brightness feature, lock screen display, auto-lock, dark theme, display size and text, color contrast, screensaver, and HDMI display settings.



Wallpaper Settings

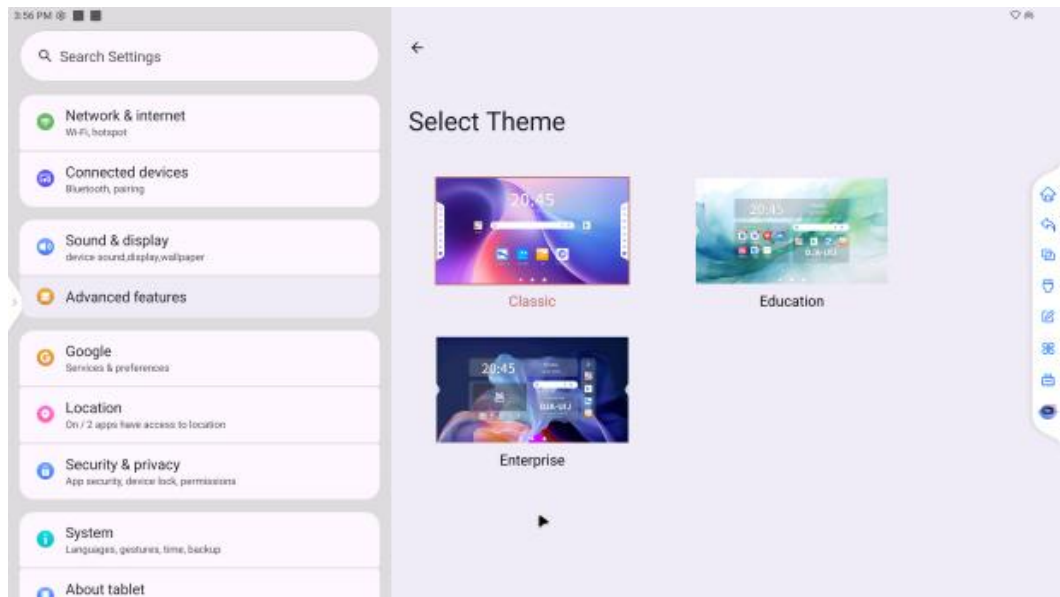
Supports online wallpaper selection or external import of user-customized wallpapers and lock screen styles, with options to modify lock screen settings and change theme icons.



3.1.4 Advanced Features

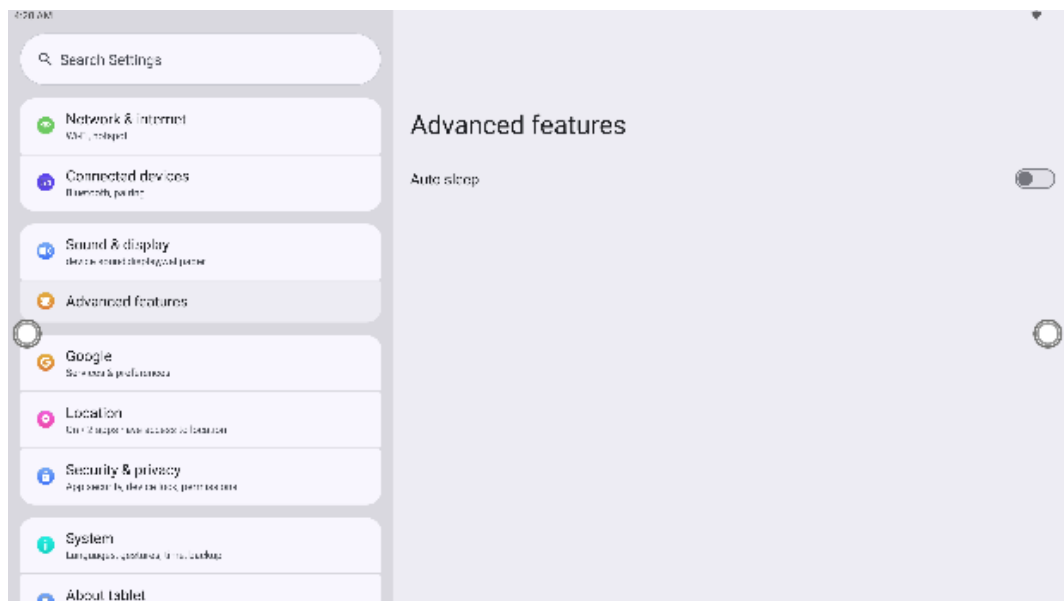
Theme Selection

Supports switching between Simple, Education, and Business themes, suitable for different scenarios like classrooms and meeting rooms.



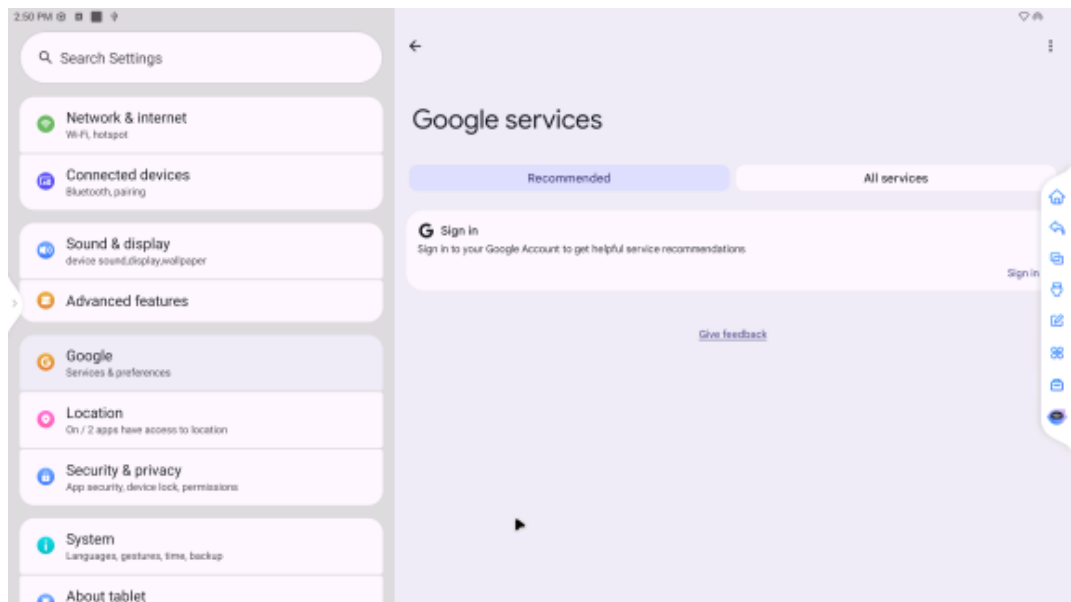
Auto Sleep

In source input mode, the screen will automatically enter standby if no signal is detected and no operation is performed for an extended period.



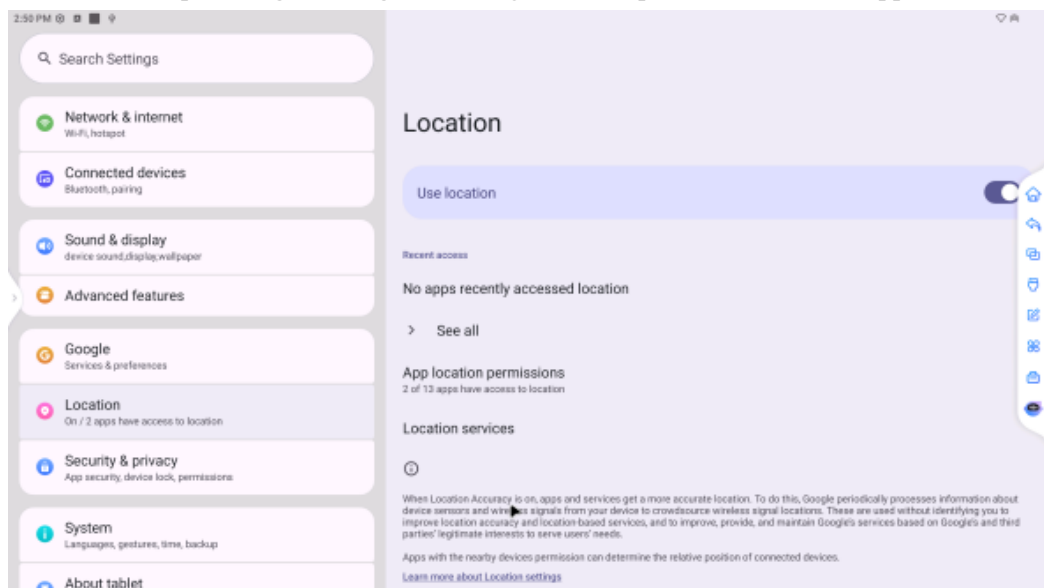
3.1.5 Google Advanced Features

Tap **Settings** > **Google** to log in Google accounts and manage Google app settings



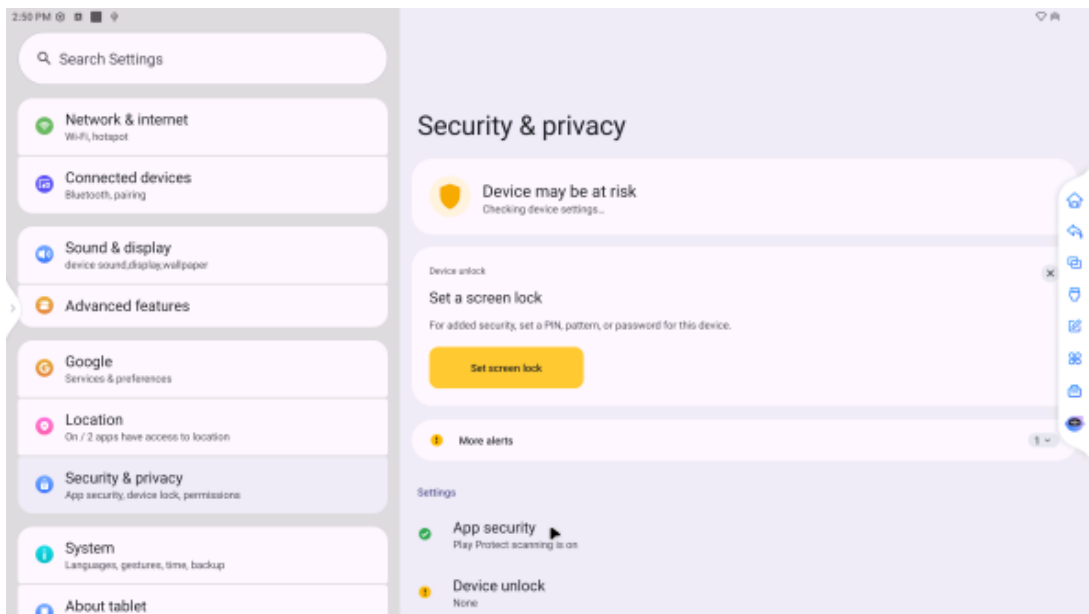
3.1.6 Location

When the "Location Status" is turned on, apps and services can obtain more accurate location information. Tap **Settings** > **Google** to manage location permission for each apps



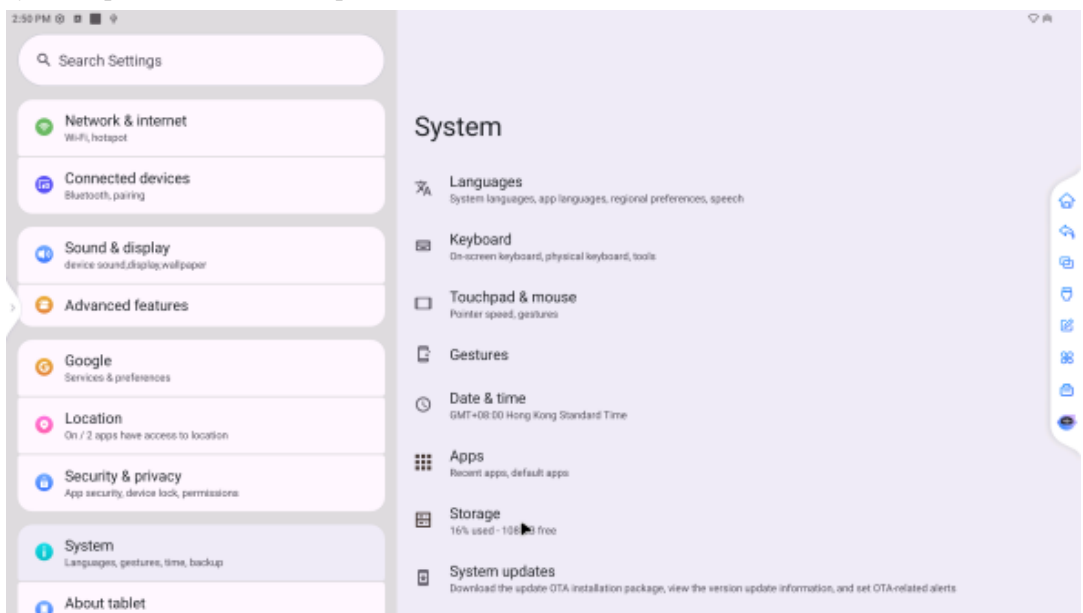
3.1.7 Location Security and Privacy

Tap **Settings** > **Security & Privacy** to manage all device security related settings. Supports features like screen lock to ensure the security of the entire device's content.



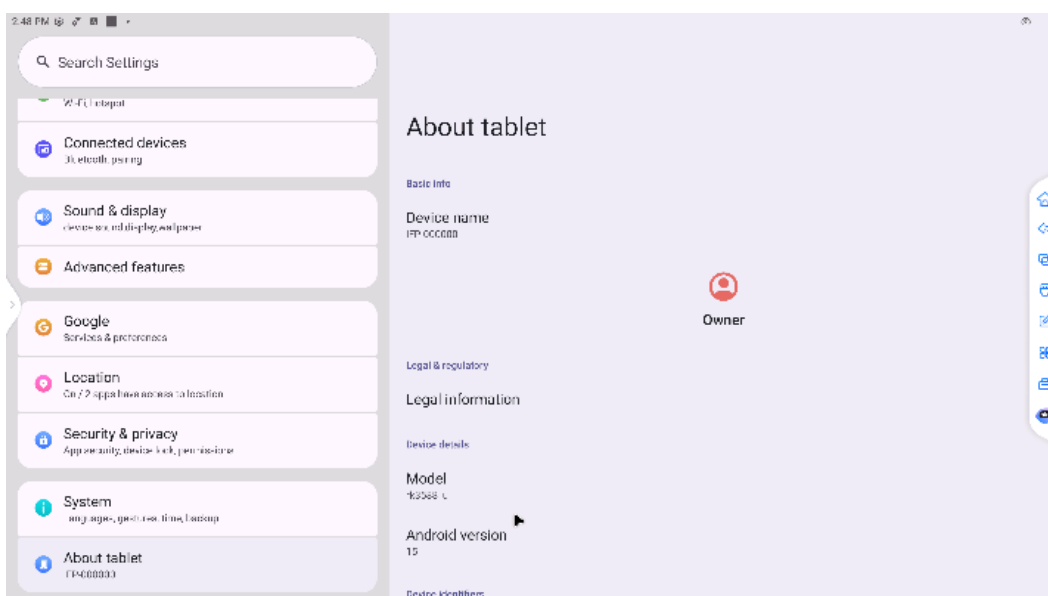
3.1.8 System

Supports changing the system language, keyboard, gestures, date and time, apps, storage space, system updates, users, reset options, and more.



3.1.9 About Device

Supports viewing and modifying the device name, viewing device information (including legal info, model, Android version), IP address, MAC address, uptime version, and build version.



4 More Information

For More Information

Please visit our website (<https://newline-interactive.com/eu/support/downloads>) for detailed instruction manual.

Contact Us for Support

Please email us at support_eu@newline-interactive.com.

National Service Hotline: +34 91 804 31 79