

User Manual

for Android operating
system

Avtek TS 8.1 Easy



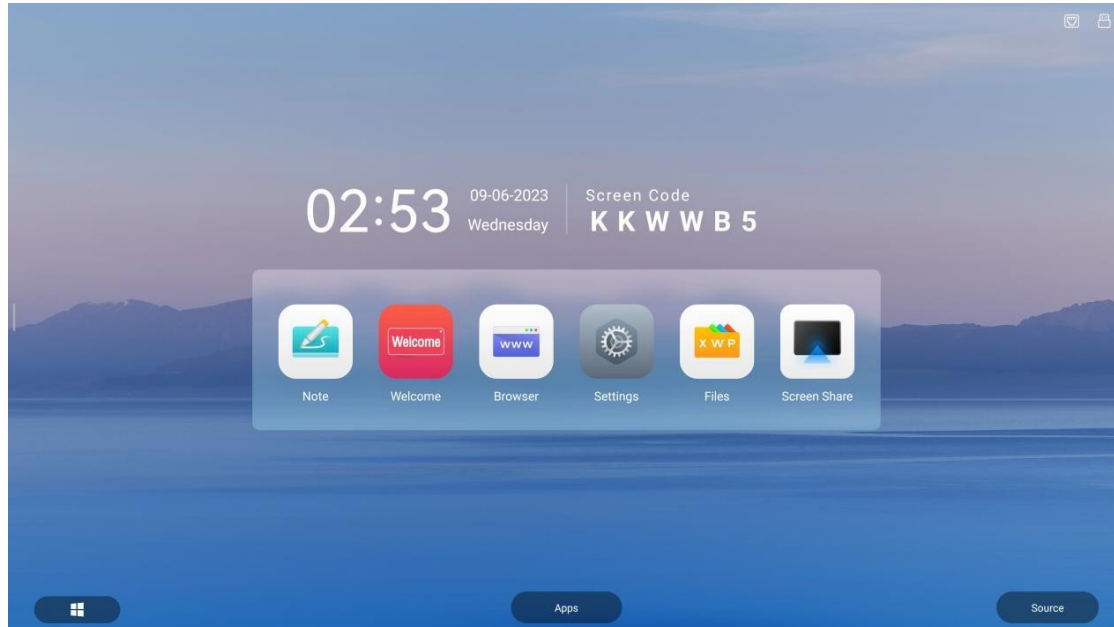
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Chapter 1 : System Description

1.1 Home page of the system

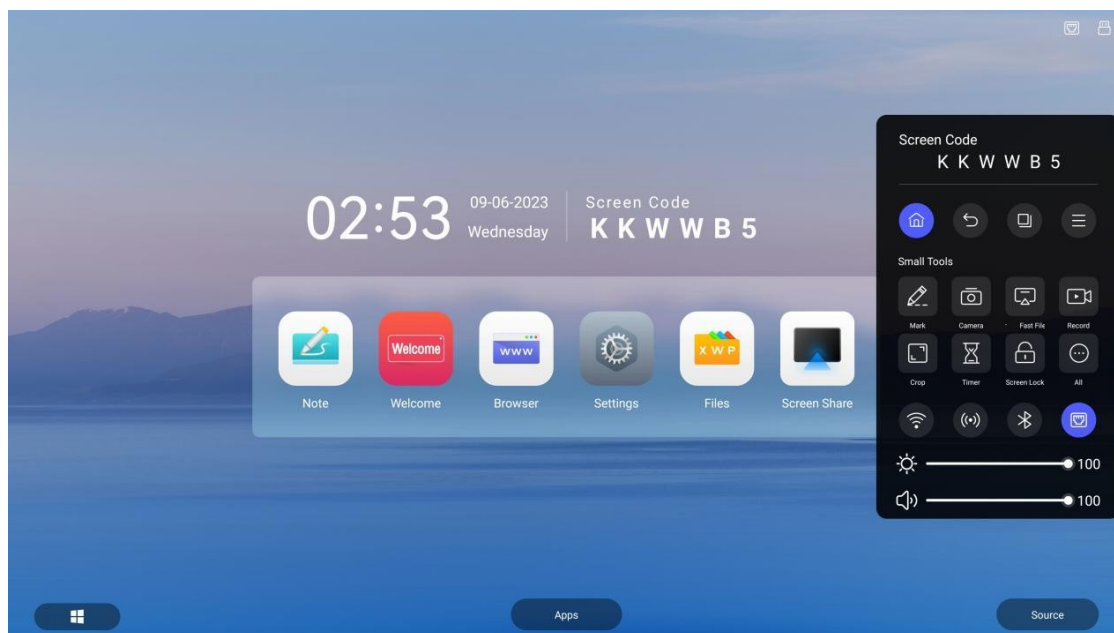
Upon startup, the main interface is displayed by default



1.2 Sidebar

1.2.1 Introduction to the function

The sidebar is divided into left and right. Click the  icon hanging on the left/right side of the screen to display the sidebar. Extended function buttons are home, back, task process, signal source menu and small tools in order、WIFI, hotspot, Bluetooth, wired network and brightness and volume progress bars.



1.2.2 Navigation bar

1. return

Click the  icon to return to or exit the current program.

2. home page

Click  the icon to go to the main system interface.

3. process

Clicking the  icon takes you to the process management interface and allows you to enter the application or close it.

When no application process is running in the background, the message "No windows available" will be displayed.



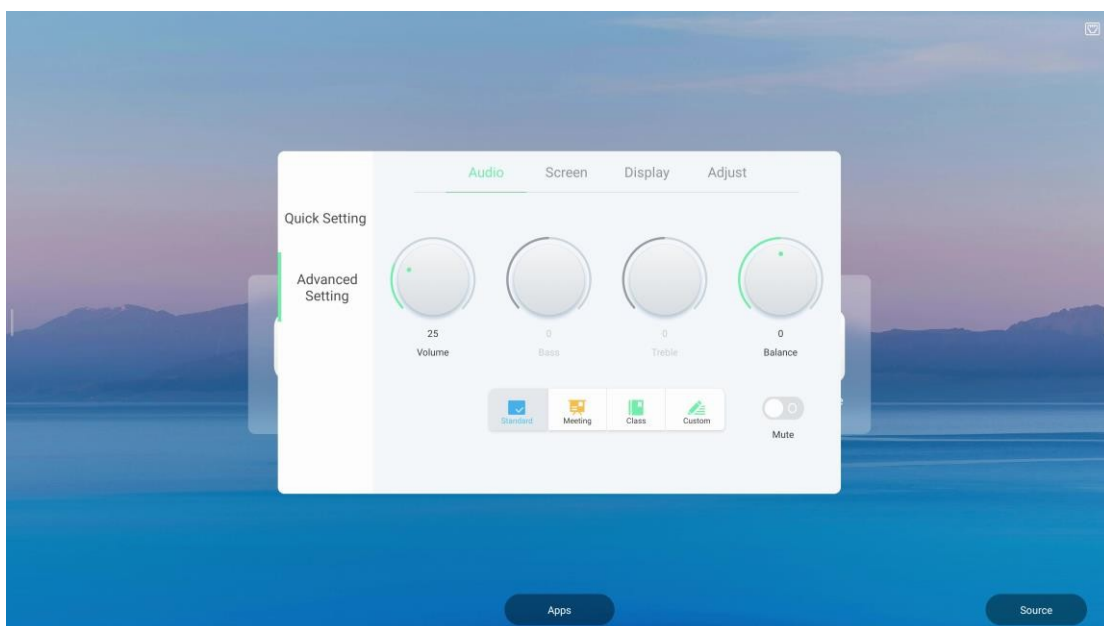
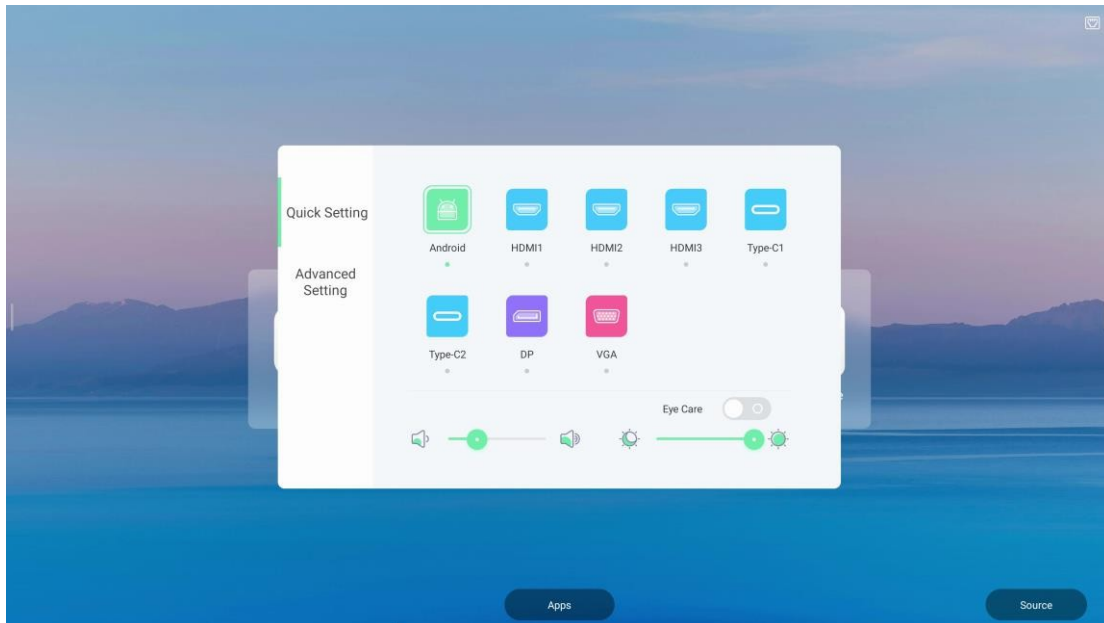
- When there are multiple application processes in the background, touch up and down in the process list area to view the application process.



- Touch and drag the process thumbnail to move it left or right until it slides out of the process list area. Release the thumbnail to close the application process.
- Click the process thumbnail to go to the application process.
- (5) Click the X button to clear the entire background.

4. menu

Click the  icon to access the main menu screen.



1.2.3 abbreviation

- Blackboard

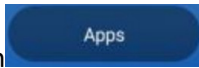
Click the  , Enter the Whiteboard application, This is a shortcut.

- Search engine

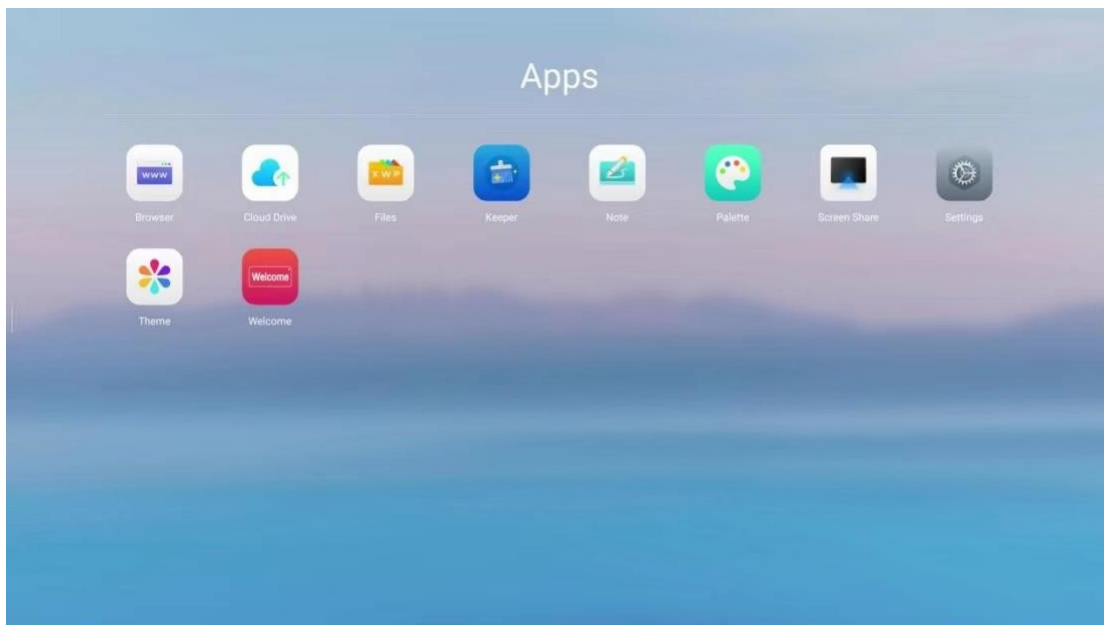


Click the icon , enter the Finder, This is a shortcut.

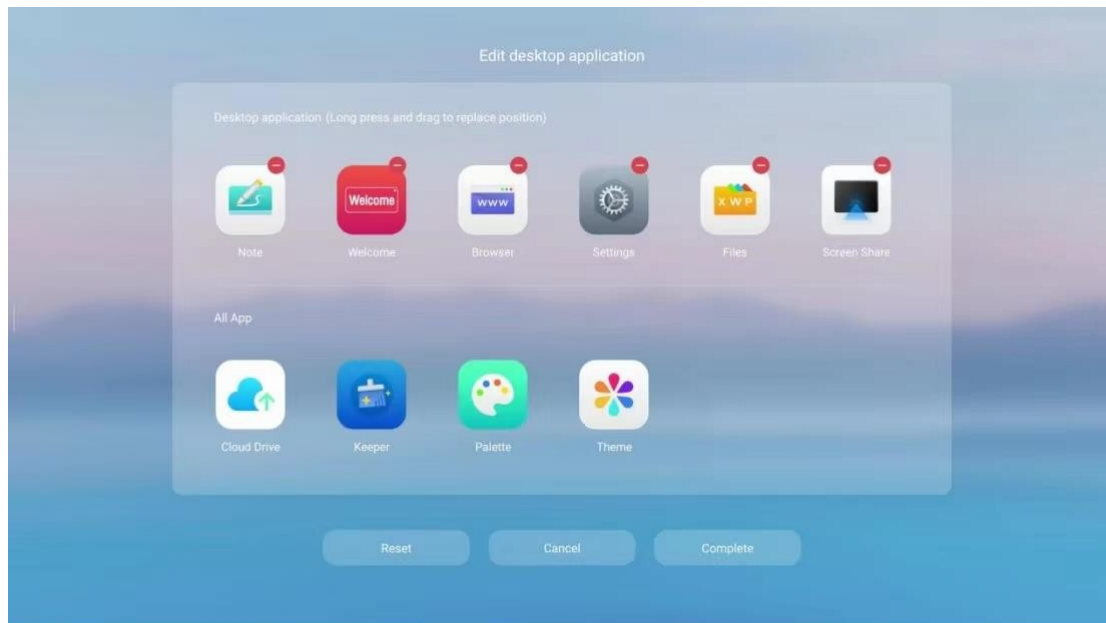
- More applications



Click the icon , More application interfaces will appear, including user guide, welcome interface, quick whiteboard (writing on the whiteboard), browser, tablet manager, settings, file browsing, wireless screen transfer, cloud drive and theme and other system applications, these applications will be described in detail in the second software description, users can browse or open the system applications in this interface, as shown in the figure:



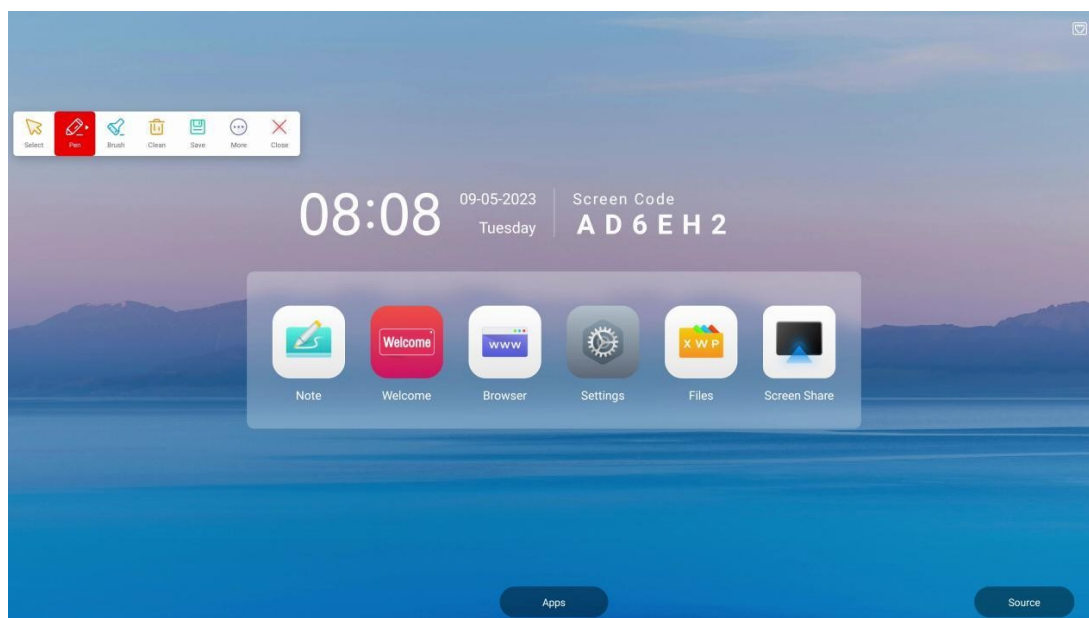
You can create a shortcut by tapping and dragging the application icon to the sidebar, and dragging the application icon to the sidebar will prompt you to delete the shortcut. Click the prompt to delete the application shortcut, which can be created again



1.2.4 annotation

Annotation mode can enhance the reading experience. In this mode, the user can freely scribble and add annotations in the interface according to his/her own ideas to facilitate communication and clarification between users.

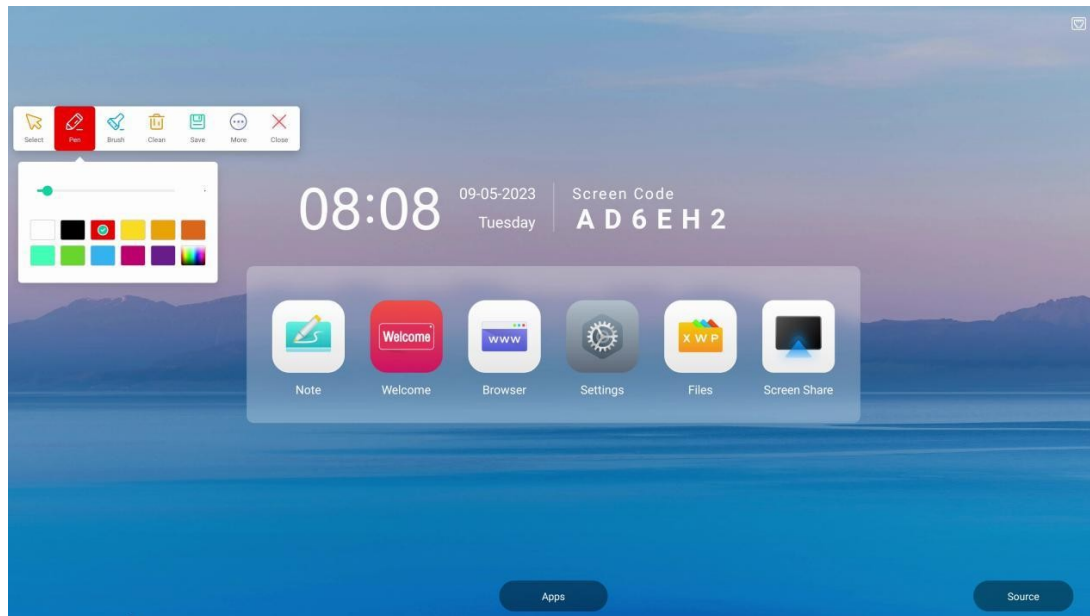
Click the icon (left or right) -> click the icon  , You can switch to annotation mode



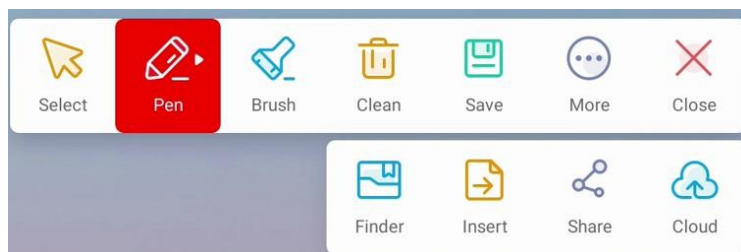
Function description :



- **Annotate** : This function is used by default when you enter the annotation mode , click the icon again to select the thickness and color of the pen.



- **Brush**  : Doesn't completely cover the original content, highlights the content.
- **Clean**  : Clicking the icon can clear all traces of writing in the interface and return to the original state after doing so.
- **Select**  : click the icon to exit the annotation mode and prompt you to save the annotation content. Tap to resume normal operation, and the annotation function bar will not disappear.
- **Save**  : click the icon to save the current annotation content to a PNG file.
- **More**  : click the icon to call up the

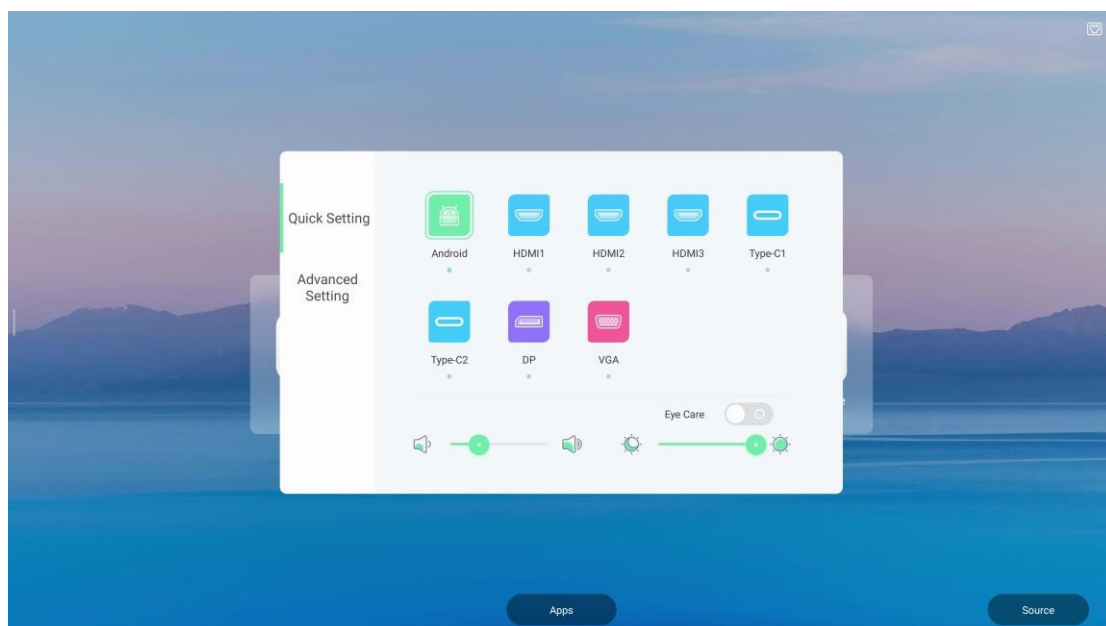


- 
 Finder : Click the icon to open the file browser and directly navigate to the annotation file saving directory.
- 
 Insert : Click the icon to insert the current annotation content into the whiteboard application.
- 
 Share : Click the icon to generate a QR code. Users can scan the code to download the current annotation file, and also share the file by sharing the QR code.
- 
 Cloud : Click the icon to bring up the list of cloud drive accounts and upload the current annotation file to cloud drive. If the list is empty, click to add a cloud drive account.
- 
 Exit : Click the icon to exit the annotation mode.

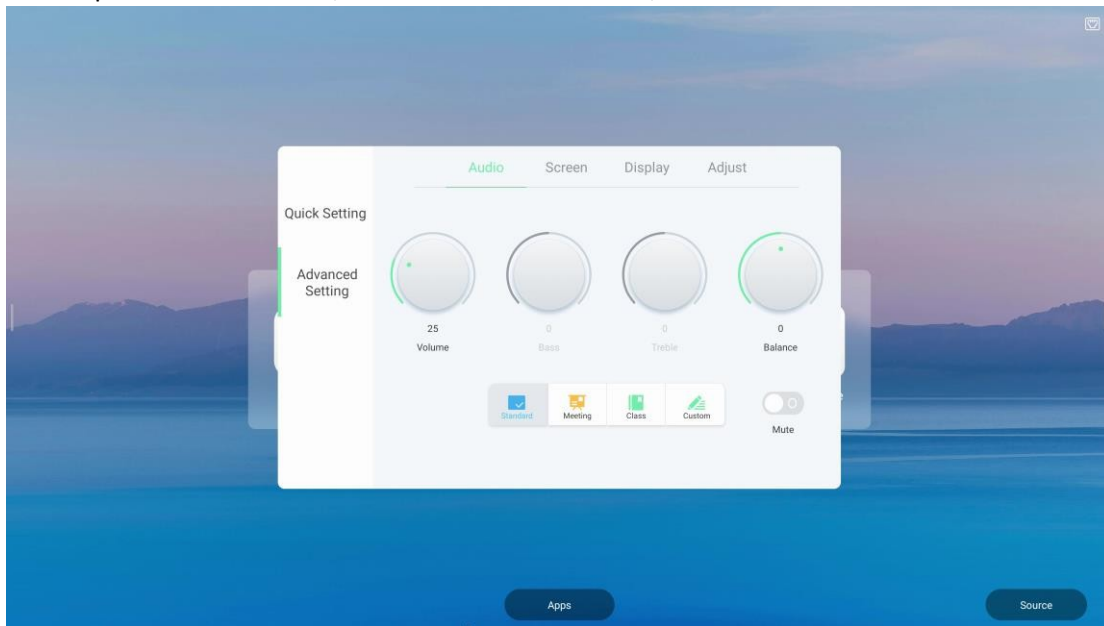
1.2.5 Settings

Click the icon , to open the settings. Two columns are available: Quick Settings and Advanced Settings.

The quick settings interface allows selection of the signal source channel, eye protection mode, volume and brightness settings.



The advanced settings column deals with sound, screen, display and adjustment settings. You can also select specific scene modes, such as conference mode, classroom mode or custom mode.

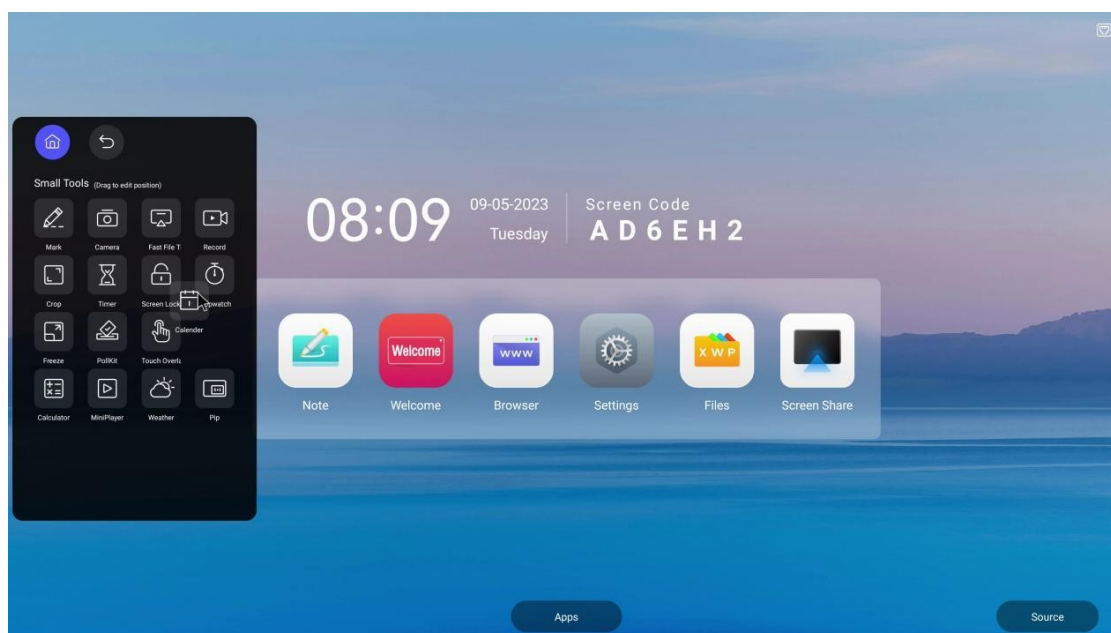


1.2.6 more tools

Click icon , the selection bar of more tools will open.



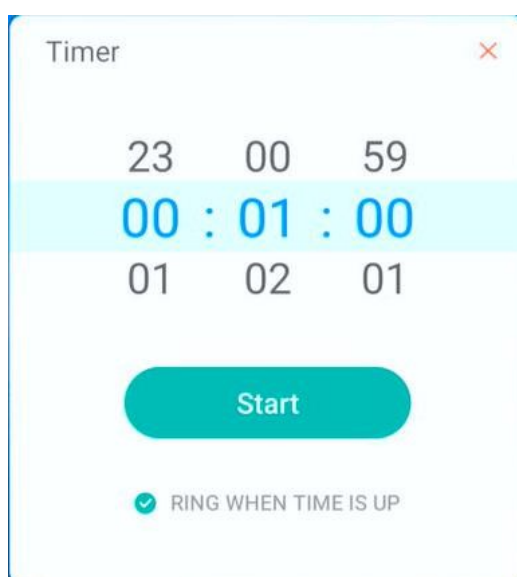
Click button "Edit" to sort or reset these tools by touching and dragging the tool icon. Click "+" in the upper right corner of the icon to add to the desktop, click button "Reset" to reset, and click button "Finish" to save the modification.



- Timer



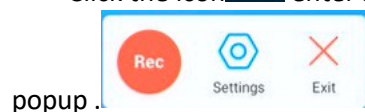
Click the icon to enter the Timer function. Set the countdown time by touching and sliding. Click "Start" to start the countdown, and ring a reminder when it is over.



- Record



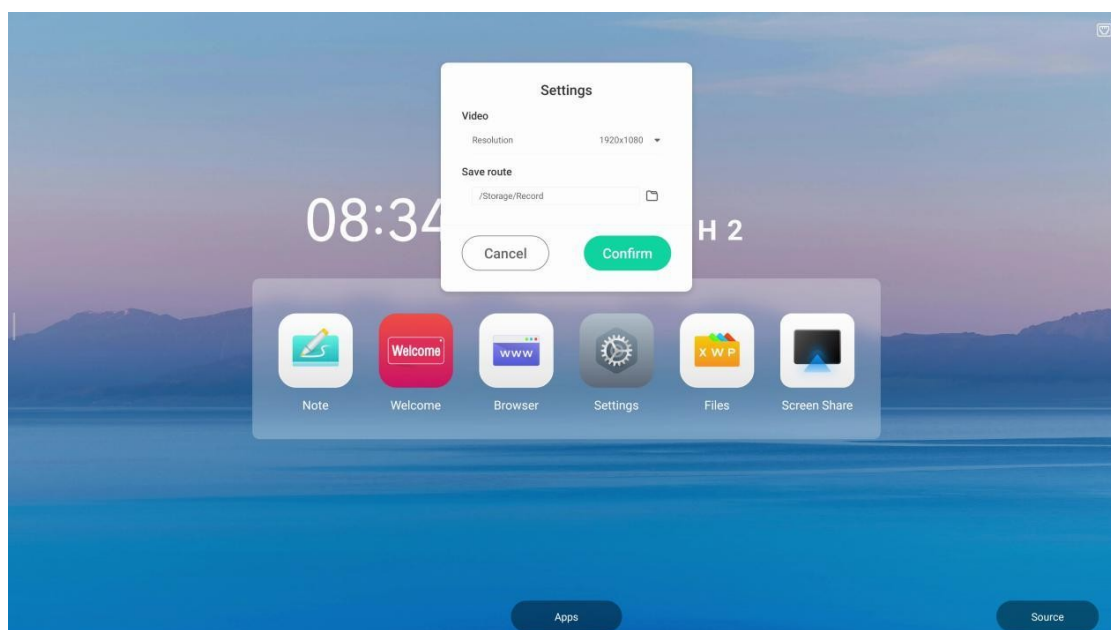
Click the icon to enter screen recording mode, move position by touching and dragging the



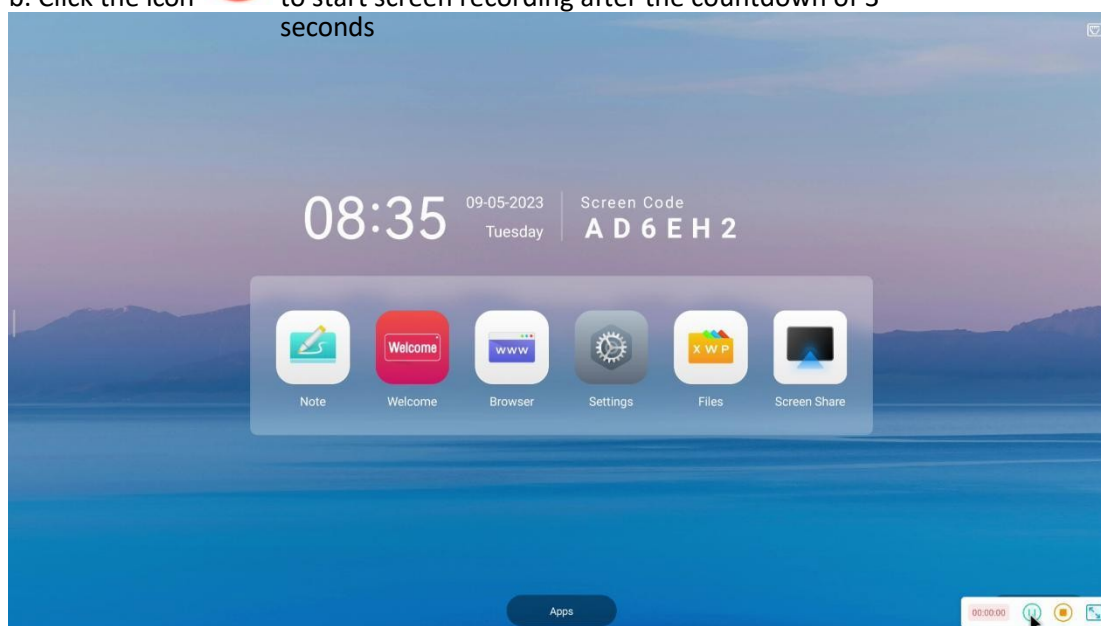
popup.



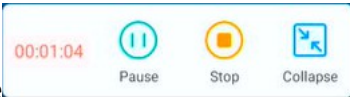
a. Click the icon to set the resolution and path for saving the recording screen

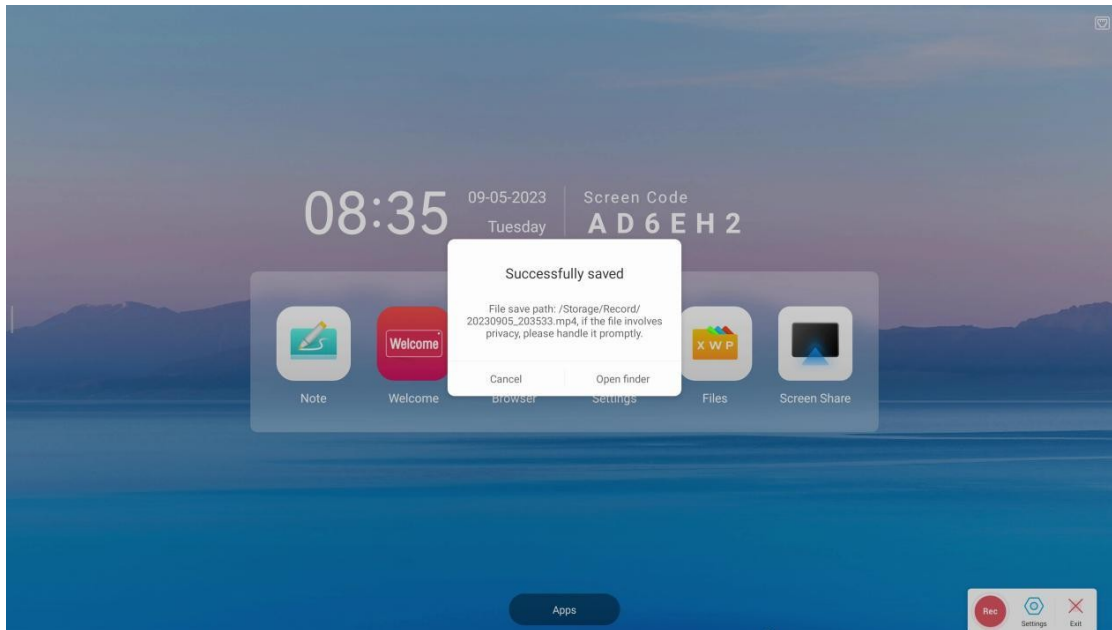


b. Click the icon  to start screen recording after the countdown of 3 seconds



At this time, click the icon  to pause the recording. After pausing, click  again to continue

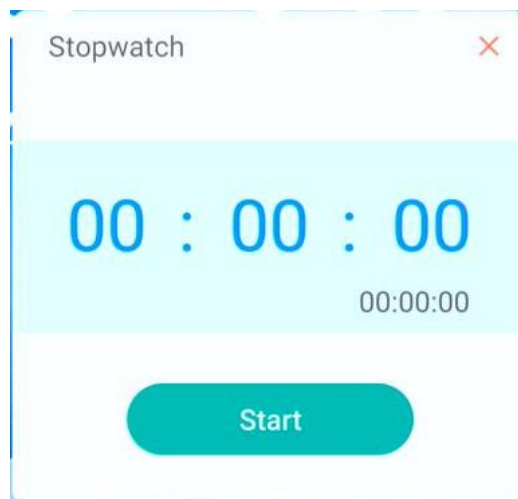
the recording. Click  again to expand and change . Click again to collapse . Click  to end the recording and save. After saving, you will be prompted whether to open the file for viewing.



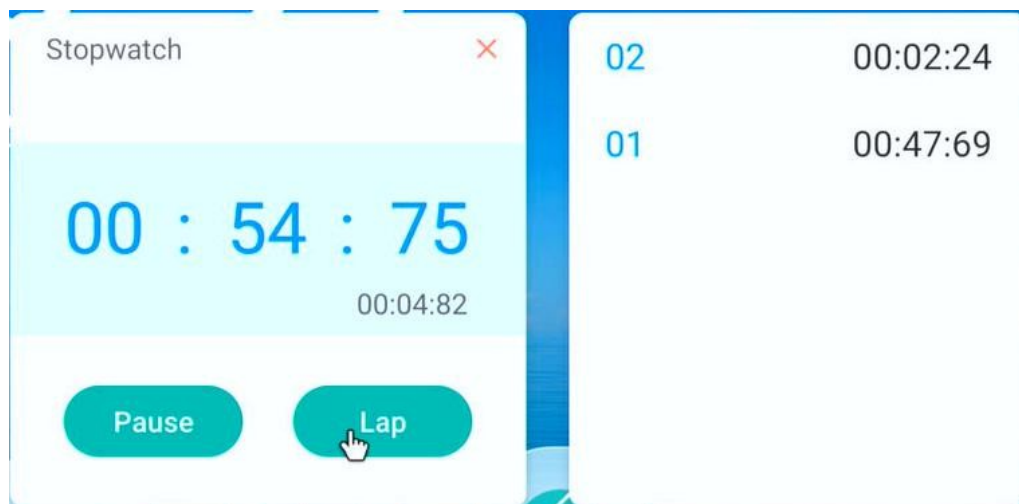
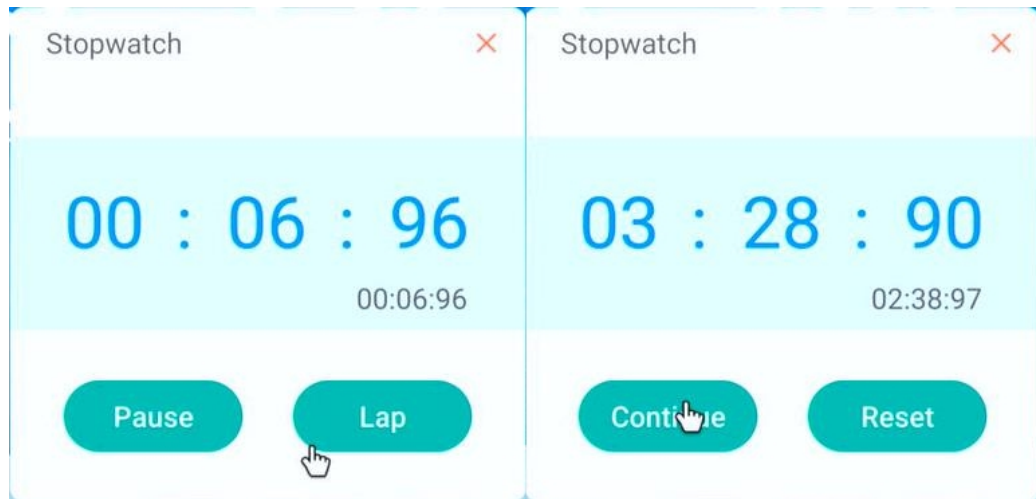
- c.  Exit Click to exit the screen recording tool.

- Stopwatch

Click the  icon to enter the stopwatch tool, and click the "start" button to start timing.



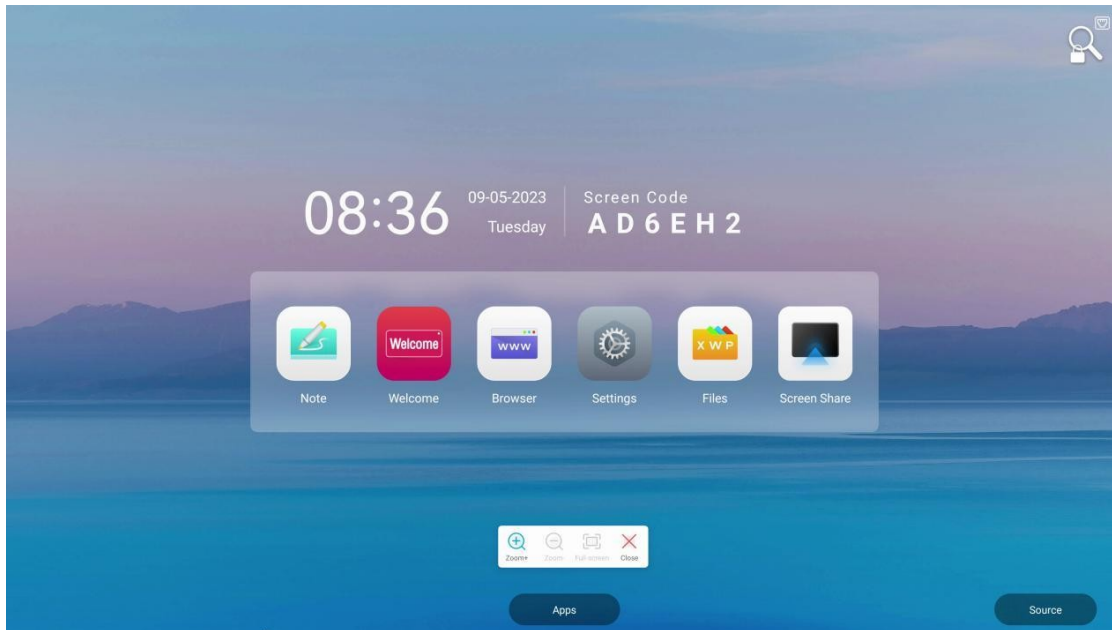
You can pause the timing by click button "Pause" or count the number of times by click button "Lap" after starting the timing. You can continue the timing by click button "continue" or re-time by click button "reset" after pause.



- Freeze



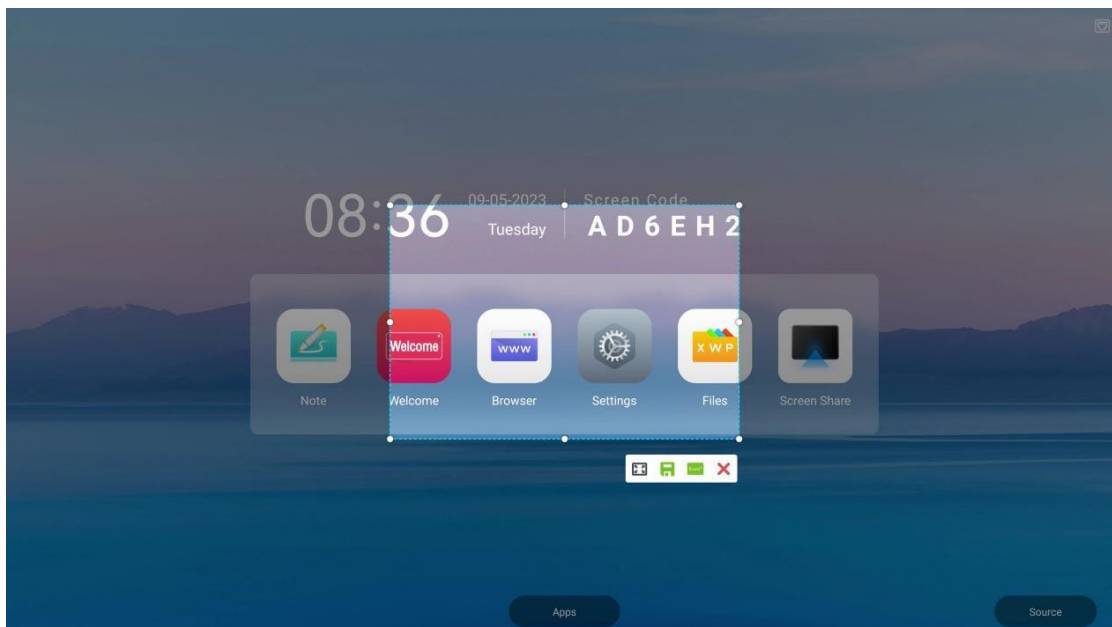
After clicking the icon , the current interface will remain unchanged. You can zoom in or zoom out and drag to view the current interface.



- Crop



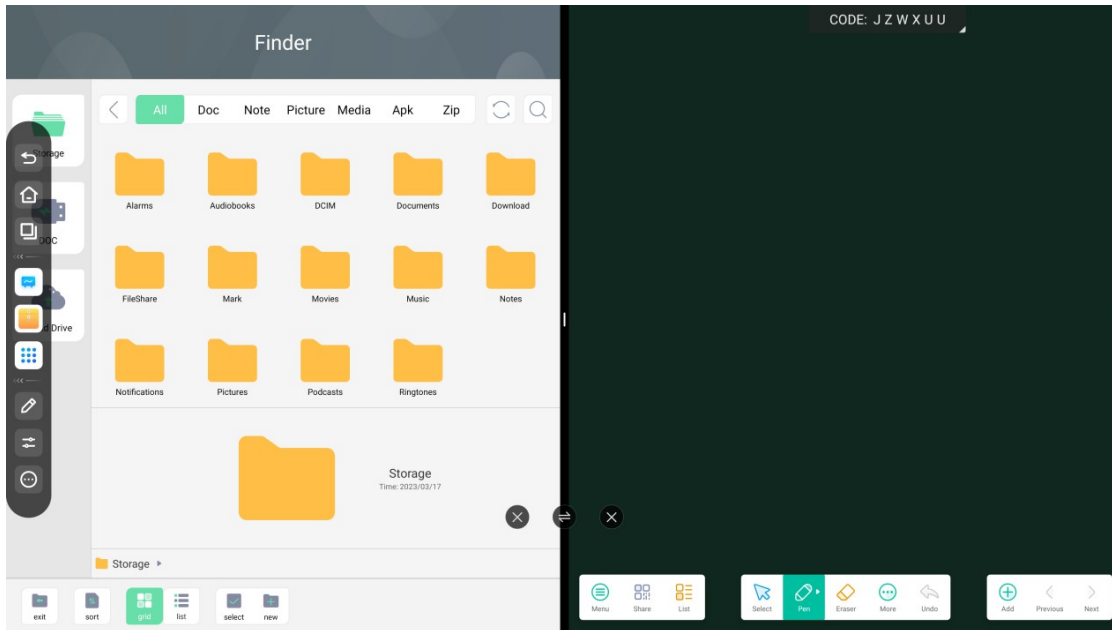
Click the icon  to enter the screenshot mode. Touch and drag the location and size of the screenshot box, and click  to save the screenshot (the saving path will be prompted for viewing), or click  to cancel the screenshot. Click  to box select the entire screen, click  again to restore the previous size, and click  to insert the screenshot into the shortcut whiteboard for editing.



- Split screen



Click the icon **Split screen** to enter the split screen mode, and two applications can be displayed at the same time. The application that supports split screen mode will be prompted. Click  in   to close the application in the current area, and click  to exchange the areas displayed in the two application interfaces.



- camera

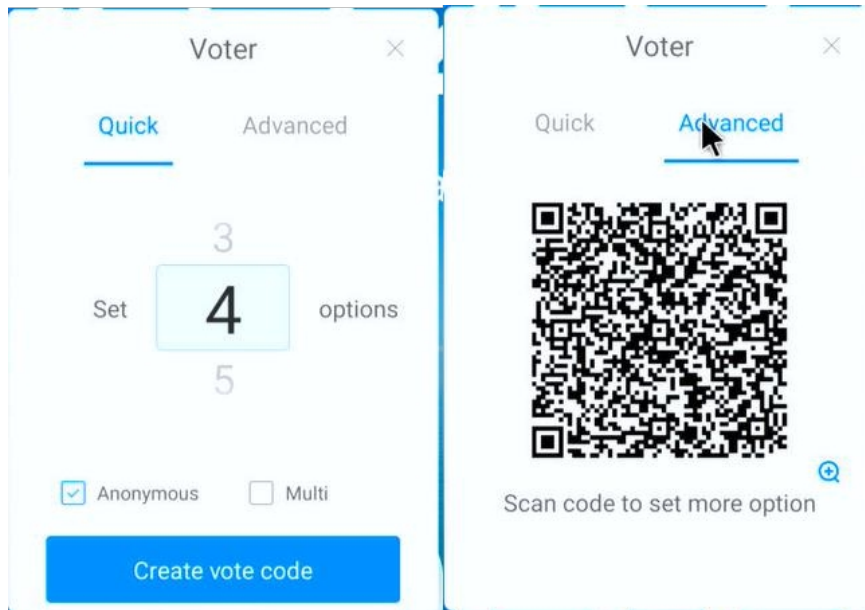


Click the icon **Camera** to enter the camera mode and display the camera interface.

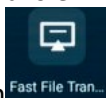
- Pollkit



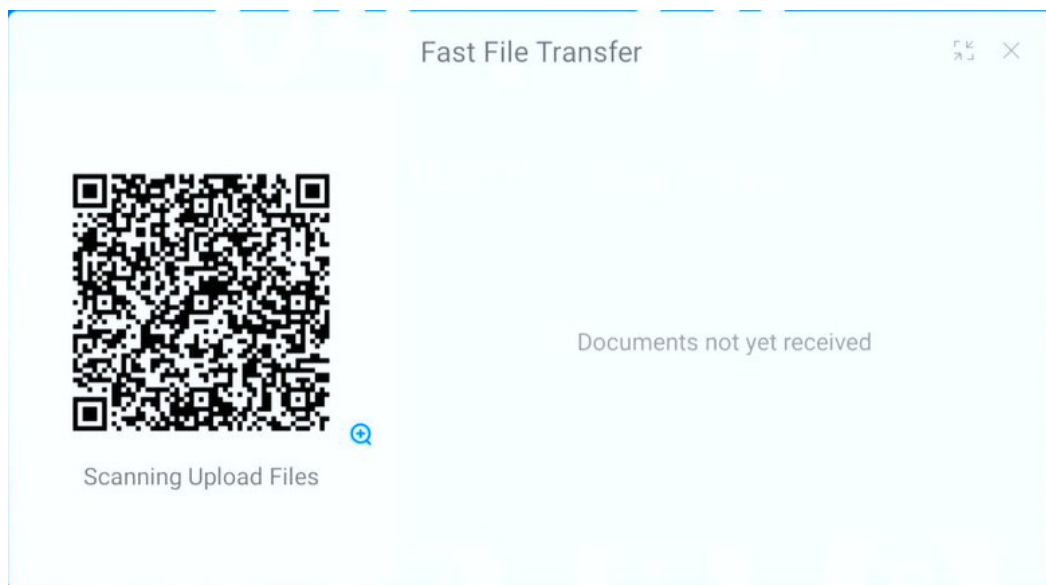
Click the icon **PollKit** to enter the voting settings. In the quick mode, touch and drag the number to set the number of options. There are two functions to check: whether to be anonymous and whether to select multiple. After setting, the voting QR code can be generated, and the user can scan the code to vote. Advanced mode will generate QR code to set more options



- Fast file transfer



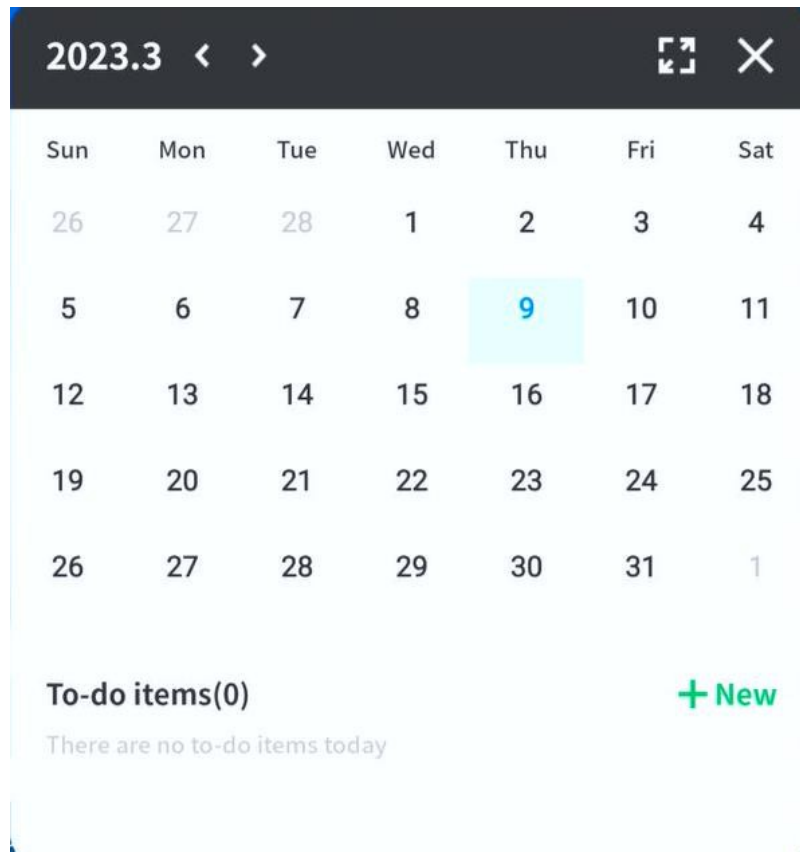
Click the icon to open the file fast transfer tool, which will generate a QR code for users to scan and upload files.



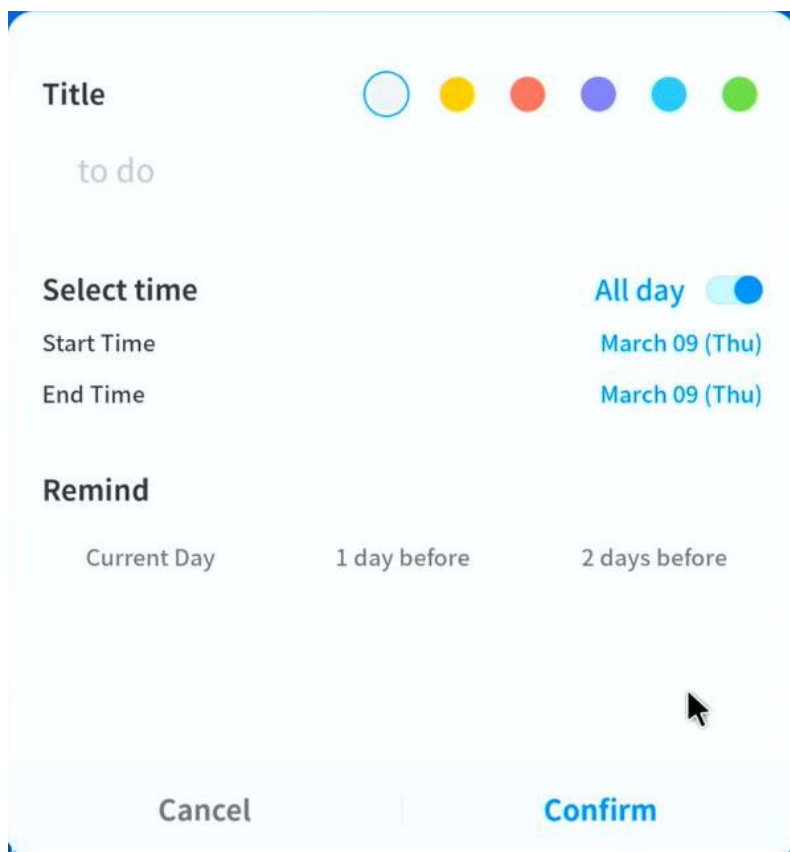
- Calendar



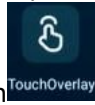
Click the icon to enter the calendar tool to view the perpetual calendar

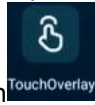


You can also view and create new to-do items by clicking **+ New** . The time is set by touching and sliding the date.

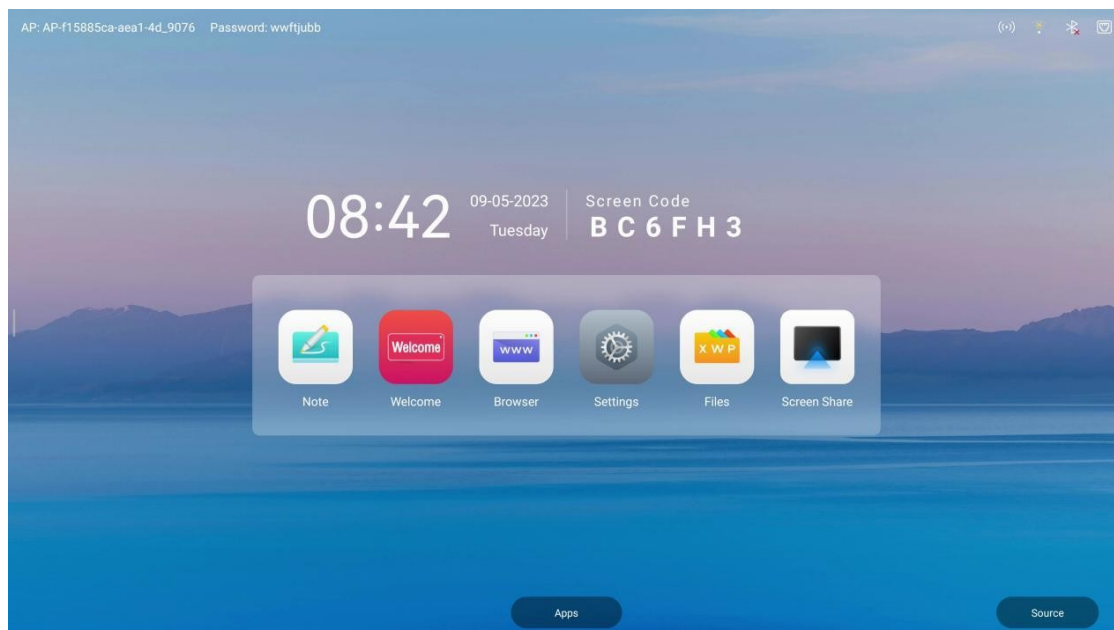


- touchoverlay



Click the icon  to enter the touch lock mode. Click the icon  in the lower left corner to

lock. After locking, touch lock. At this time, touching other places is invalid. Click  again to restore touch. Note: This icon will be hidden automatically, and will be called out by clicking anywhere on the screen.

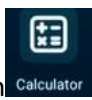


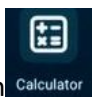
- ScreenLock



Click the  icon to lock the screen. You need to set the lock screen password. When you wake up the screen, you need to enter the lock screen password.

- Calculator

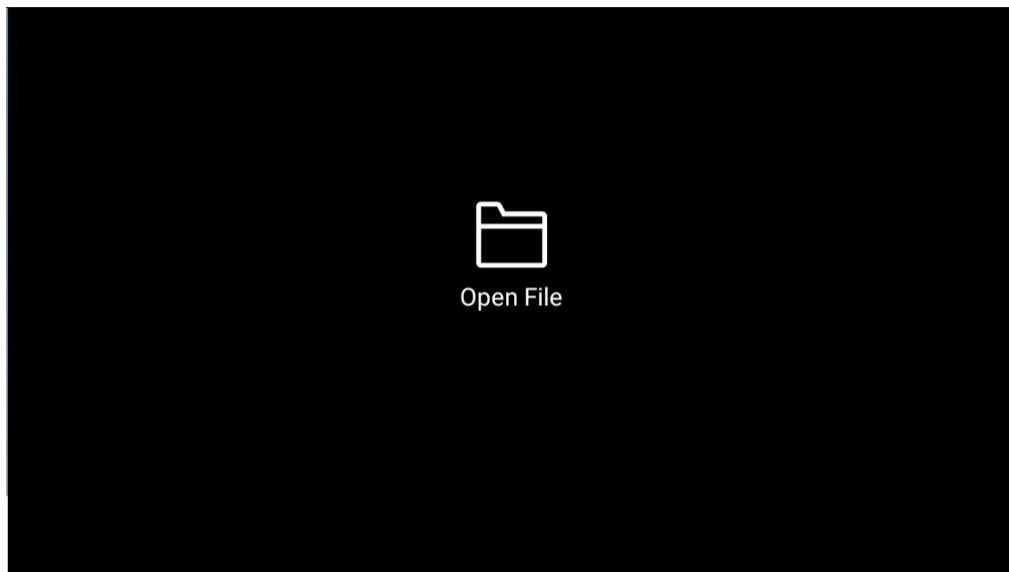


Click the icon  to enter the calculator tool.

- Miniplayer



Click the icon  The player page is displayed

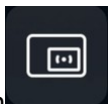


- Weather manager

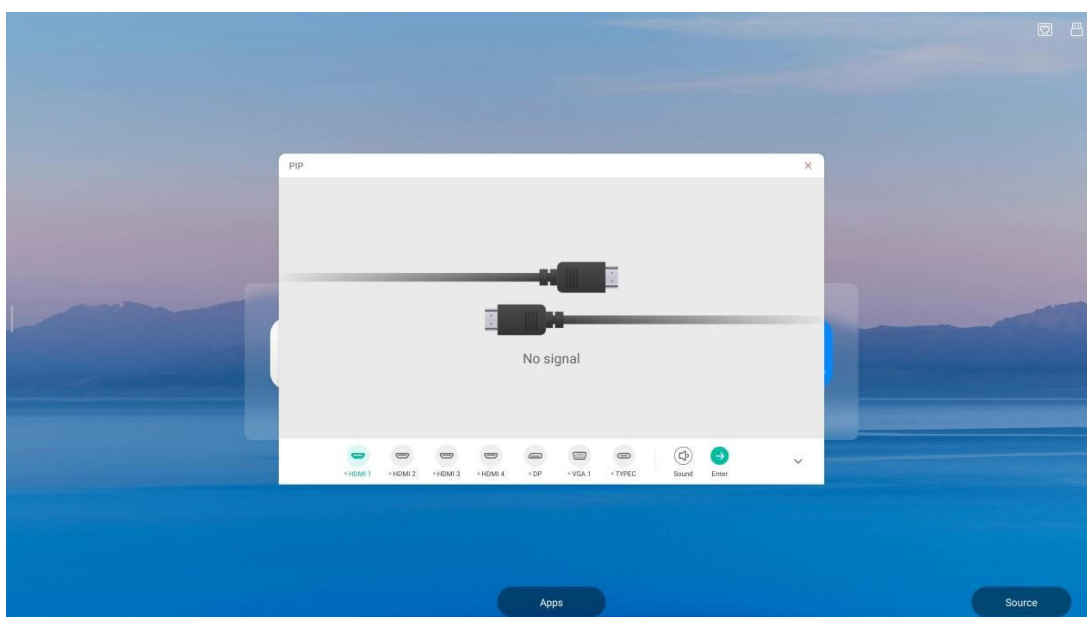


Click the icon You can check the weather, the weather in your area

- PIPpicture within picture

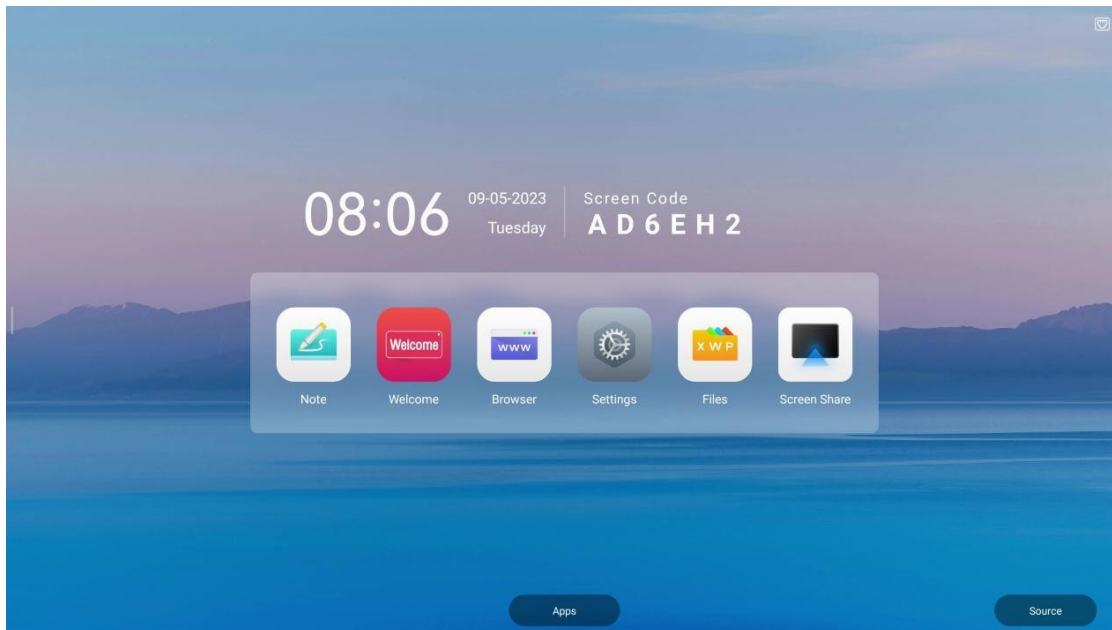


Click the icon The picture-in-picture function can be opened



1.3 Status bar

The status bar is in the upper right corner of the main interface. It displays the network status of the current machine. It can also be used as a shortcut for hotspot, Ethernet, wireless network (WIFI), and a screen code.



(1) Click  : Enter the hotspot settings interface. This icon can also indicate the status of the hotspot switch that is currently enabled.

(2) Click  : Enter the Ethernet setting interface. This icon can also indicate the status of the Ethernet connection that is not currently connected.

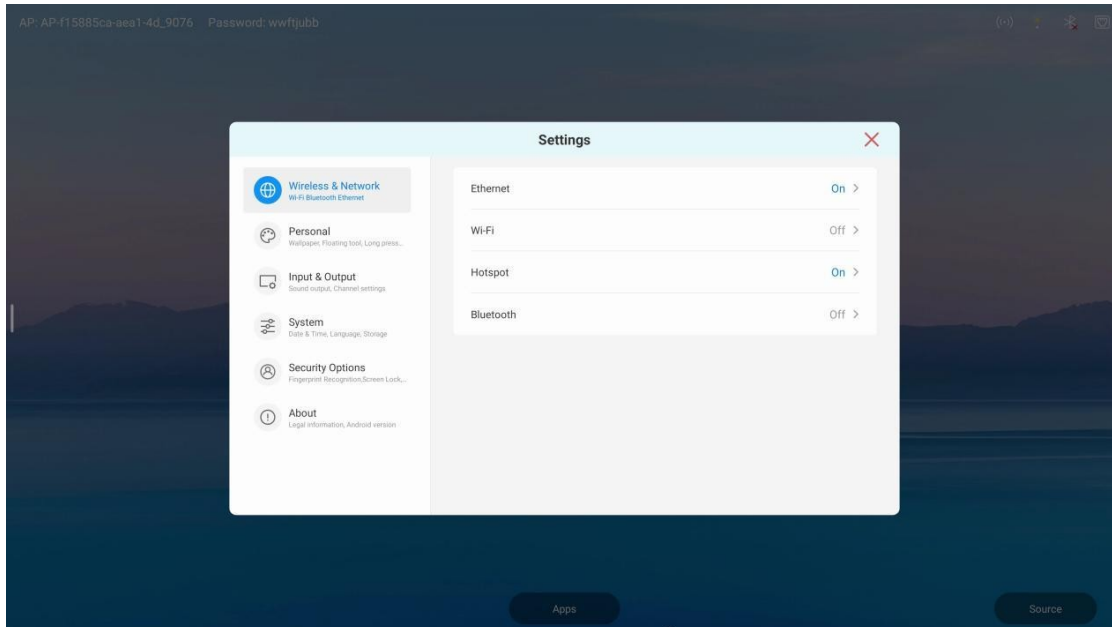
(3) Click  : Enter the WIFI settings interface. This icon can also indicate the status of the WIFI connection that is currently connected.

(4) Click  : to enter the Bluetooth settings interface, this icon can also indicate the status of a Bluetooth connection that is currently not connected.

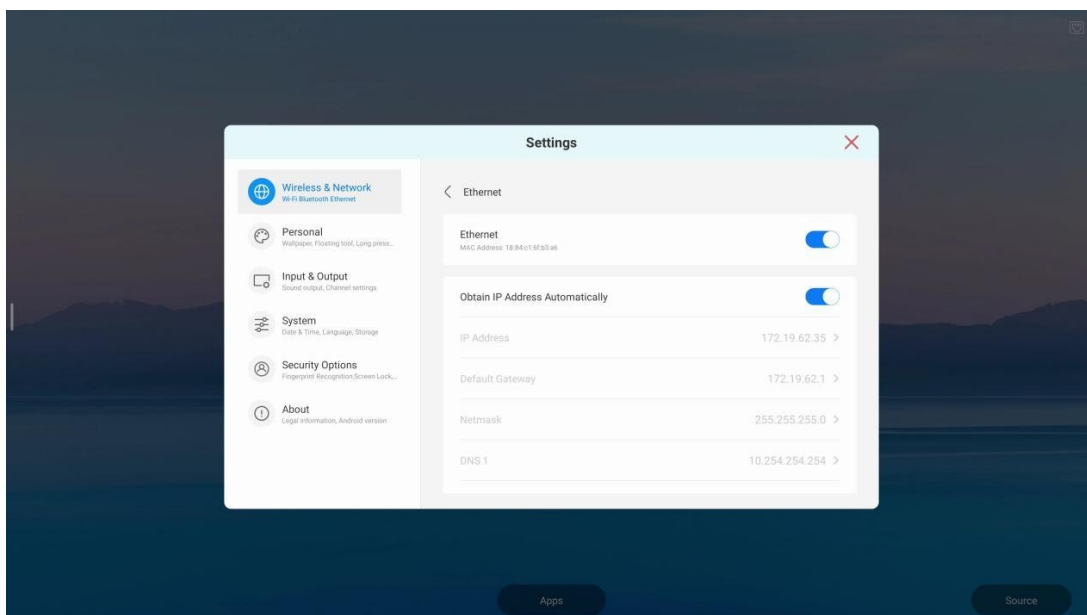
1.4 System settings

System settings mainly include wireless and network, personalization, input and output, system and other functions.

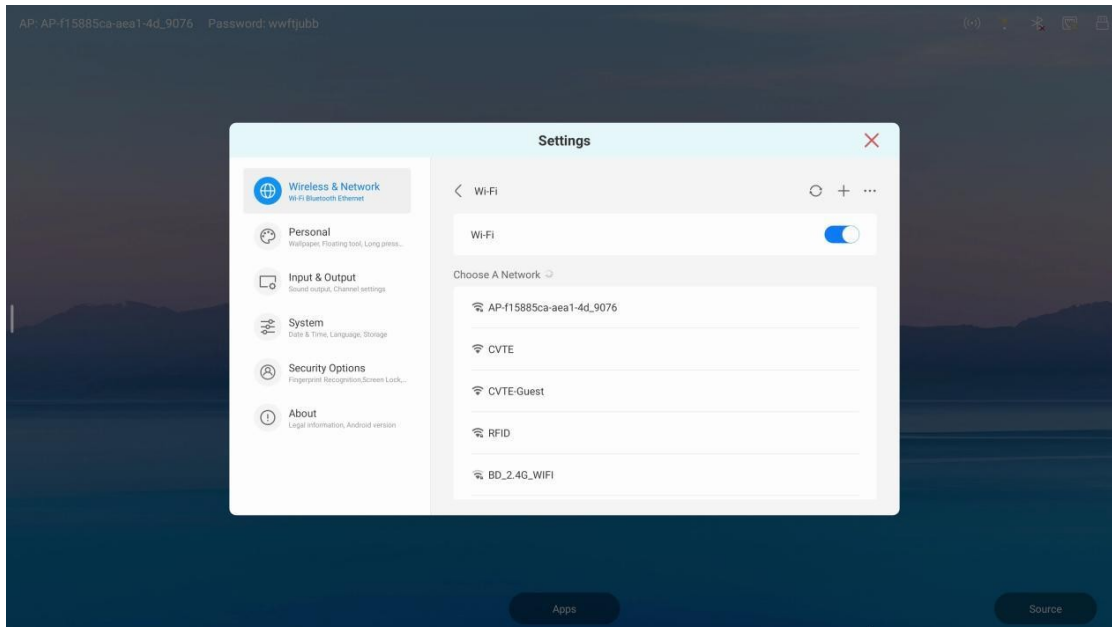
1.4.1 Wireless and network



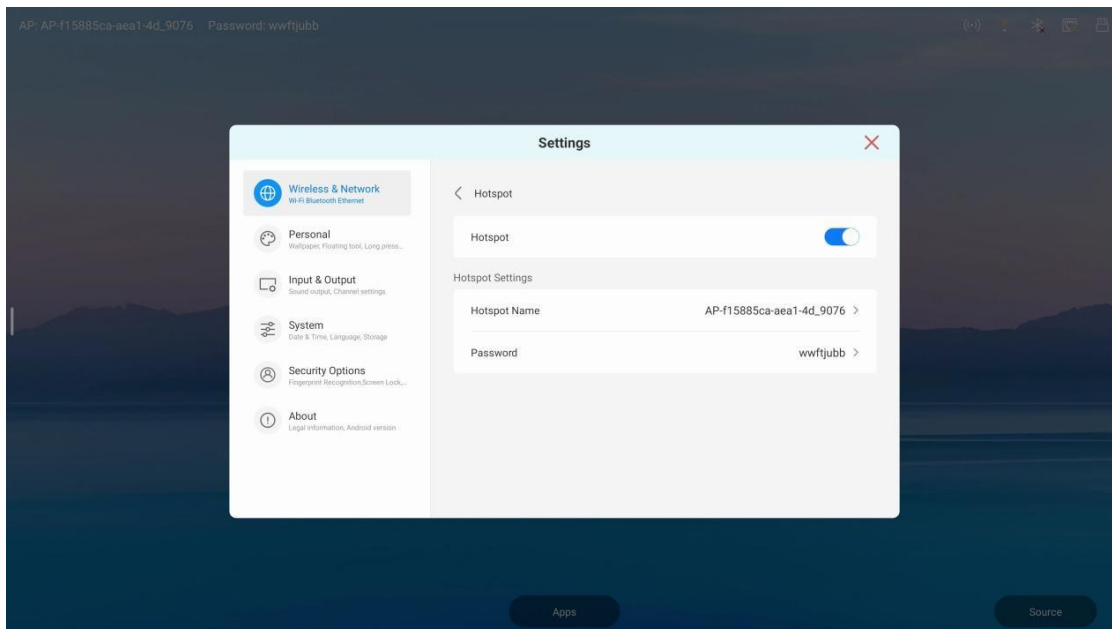
(1) Ethernet: enable or disable the Ethernet function to automatically obtain an IP address or manually set Ethernet information, such as IP address and gateway.



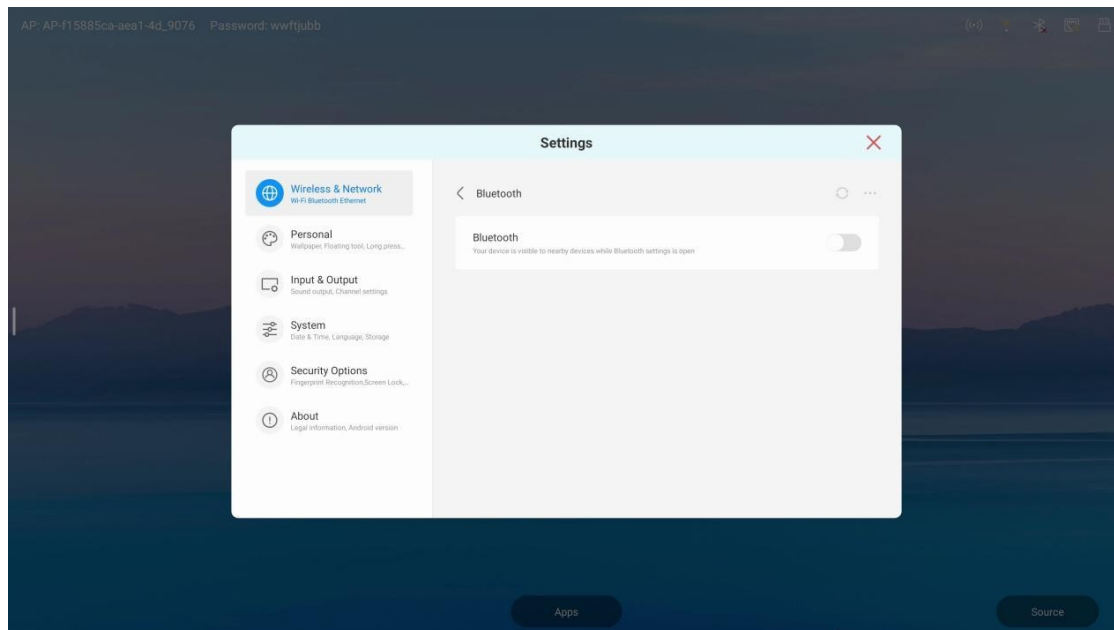
(2) WI-FI : Set the status of the WIFI switch. After switching on, the available network can be automatically obtained and displayed.



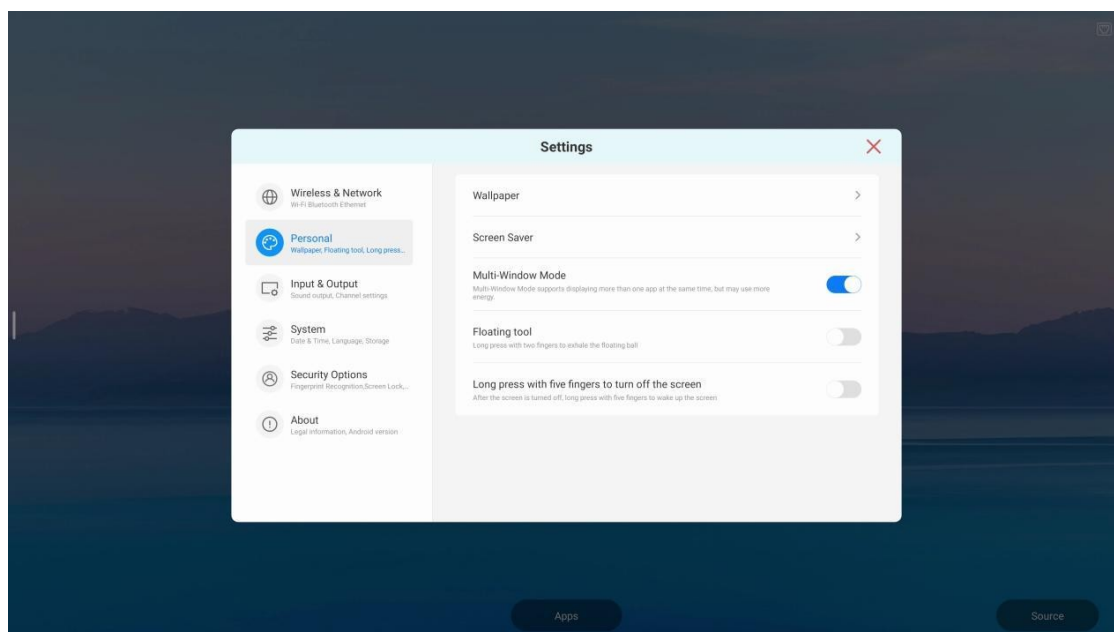
(3) Hotspot: enable or disable the hotspot and configure the hotspot name and password.



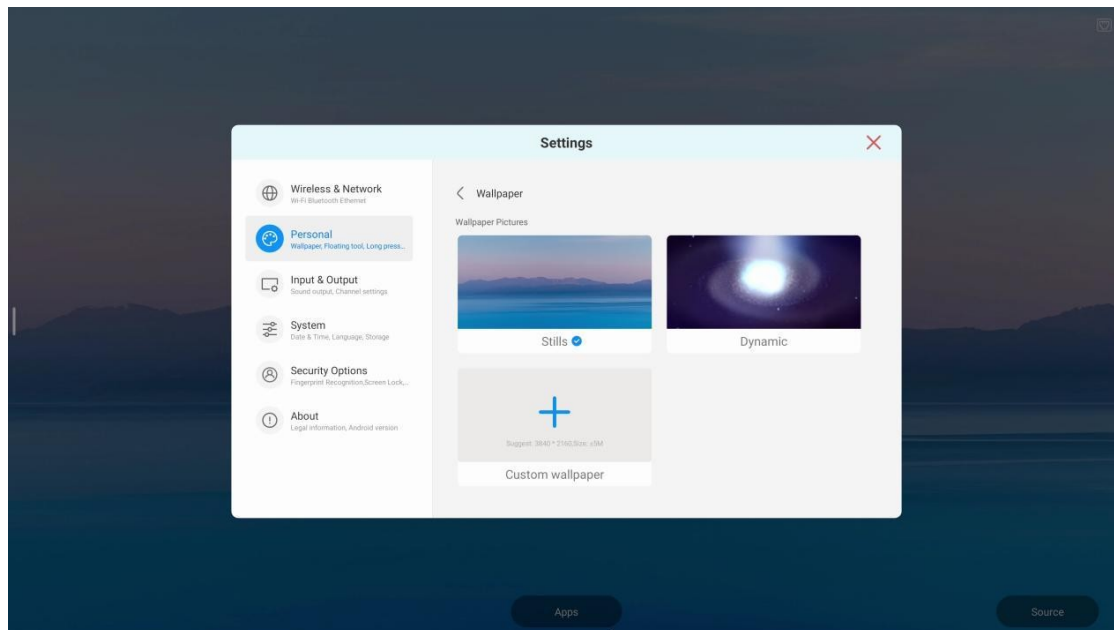
(4) Bluetooth: Set whether Bluetooth is visible to other devices, rename Bluetooth devices or view received files, and connect to devices in the list of available devices.



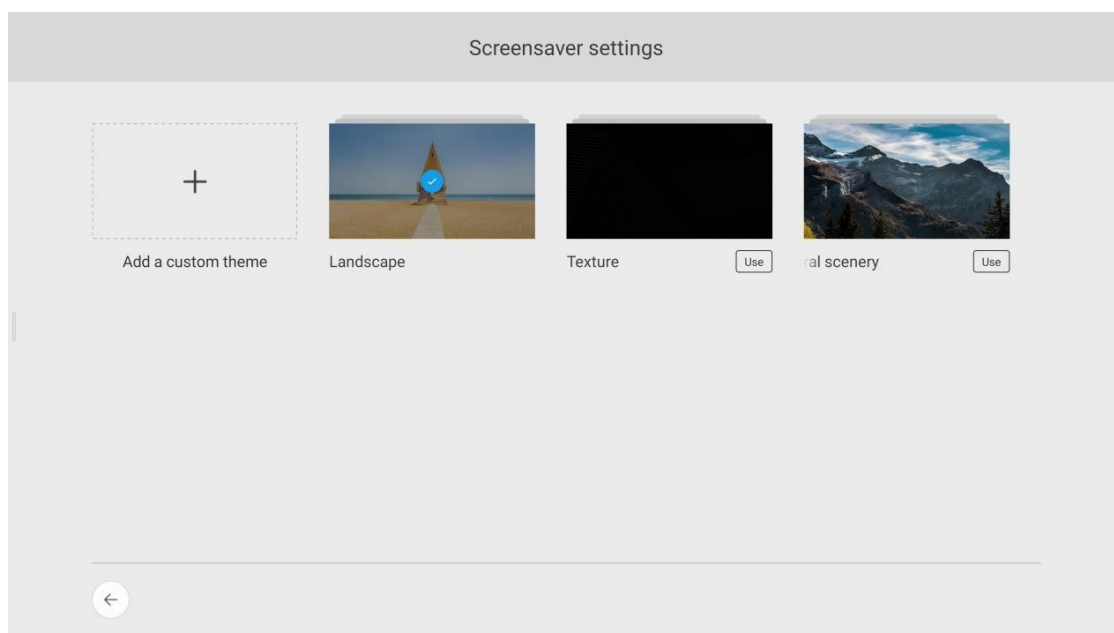
1.4.2 personal



- (1) Wallpaper: you can set static or dynamic wallpaper, and add custom wallpaper.



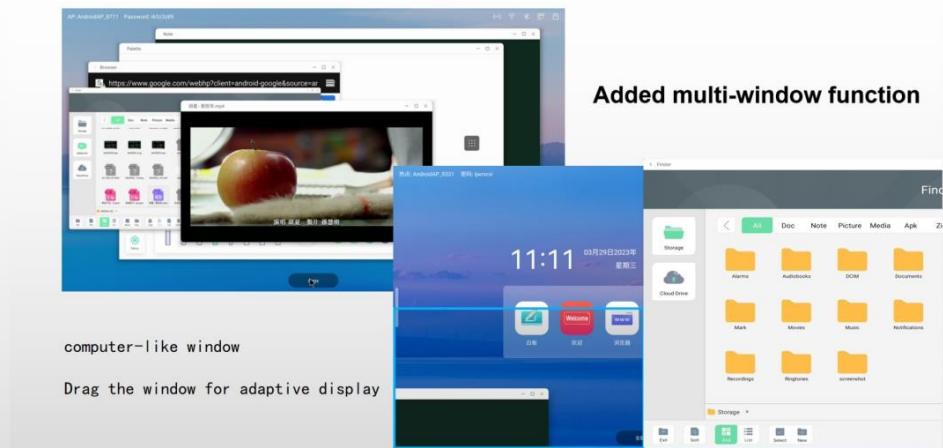
(2) Screensaver: you can set the default screensaver or add a custom screensaver image.



(3) Screen lock password : After setting the password, enter it to wake up the screen.

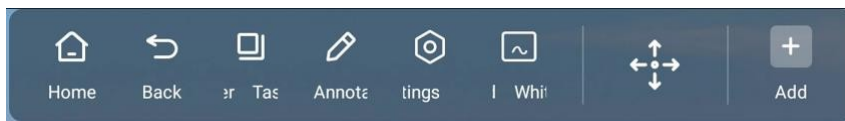
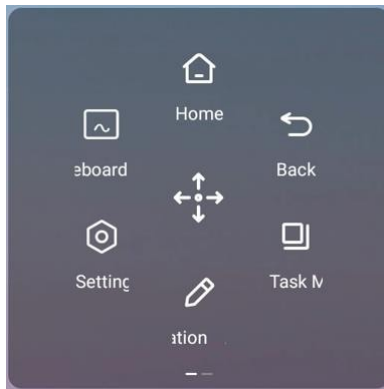
(4) Multi-window mode

Multi-window



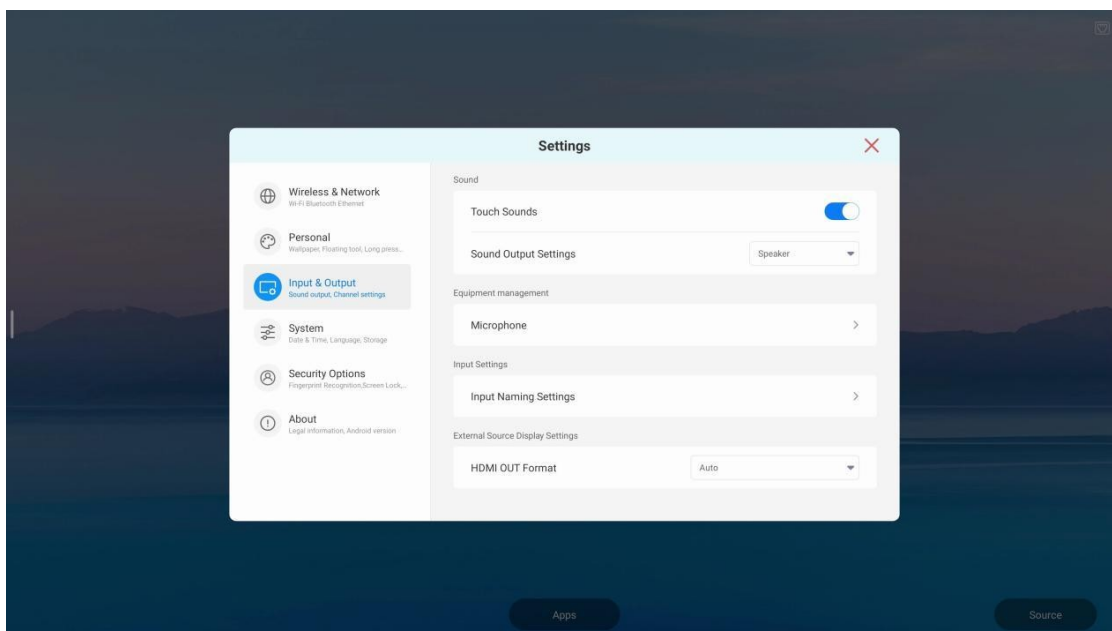
(5) Floating ball tool

Two fingers call the floating ball, it can be a series of quick operations, including home page, back, table, settings, etc. can also be customized to add, as shown below



(6) Long press on the screen with five fingers: when set, a long press with five fingers can turn off or wake up the screen.

1.4.3 input and output



(1) Sound :

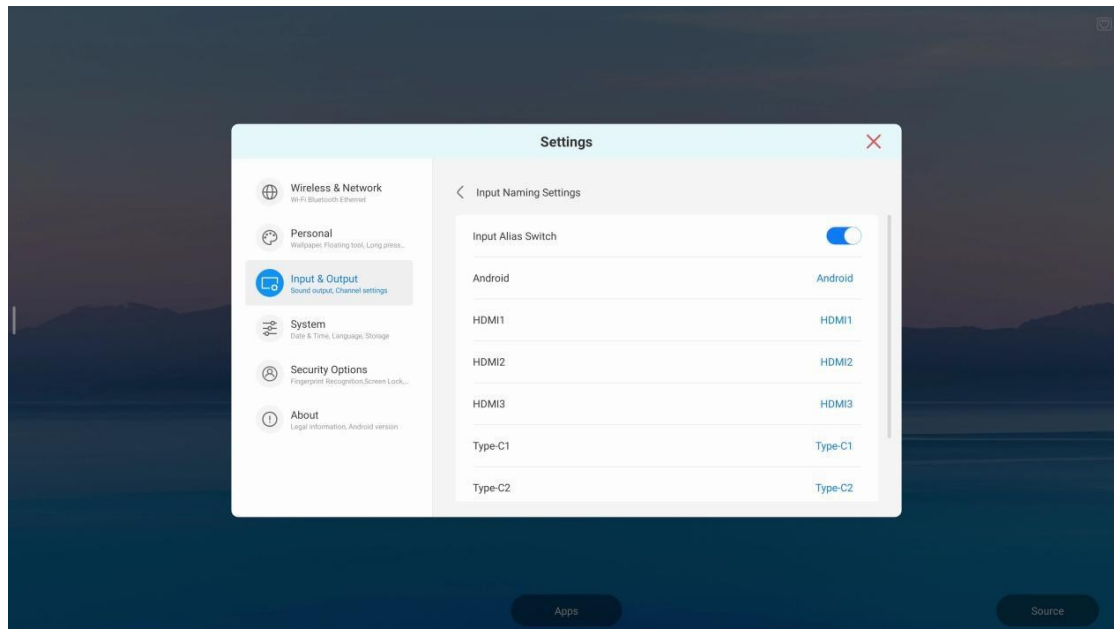
- a. Touch sound can be turned on or off
- b. Set sound output: speaker, line output, mixed

(2) Equipment management :

a. Enable or disable USB lock

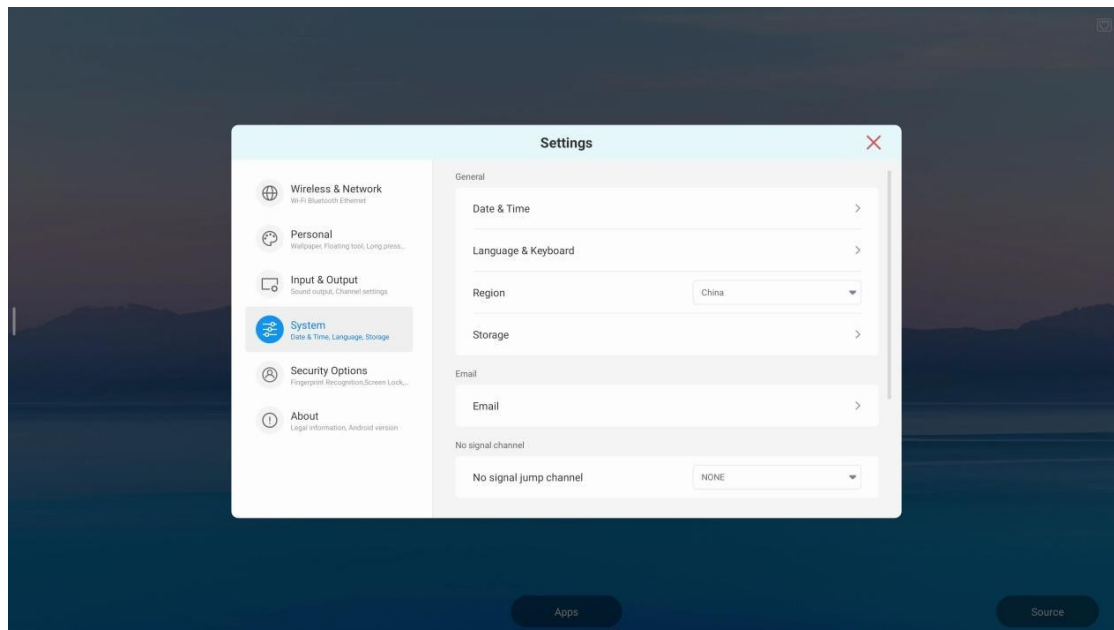
b. Microphone

(3) Input settings : You can set the alias of the input channel

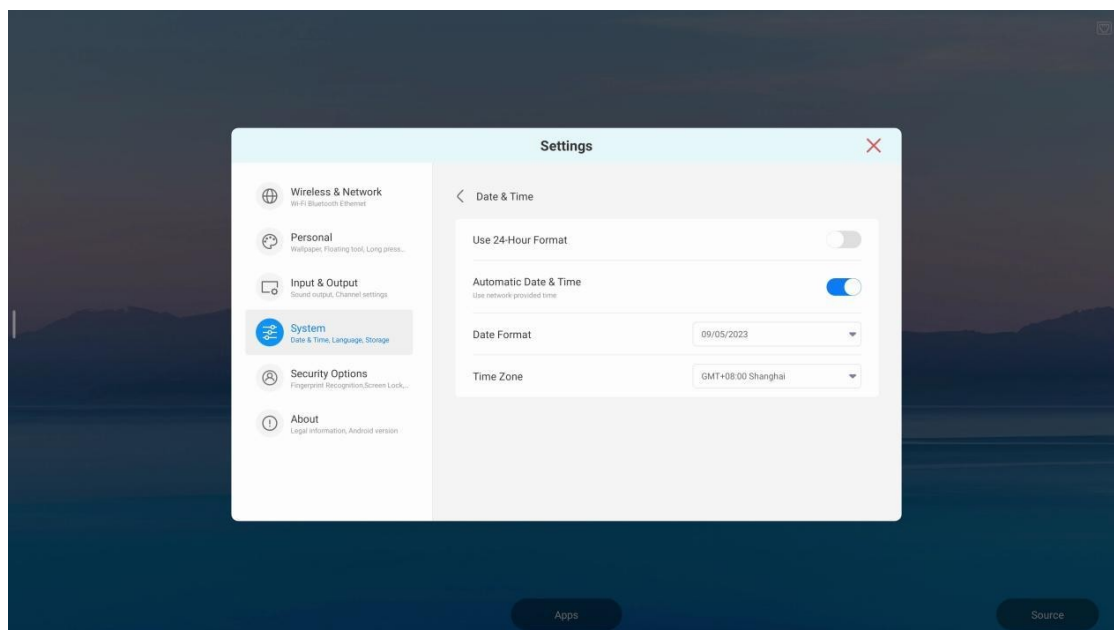


(4) External source display settings: HDMI OUT 1080P_ 60Hz and 3840 × 2160_ 60Hz selectable.

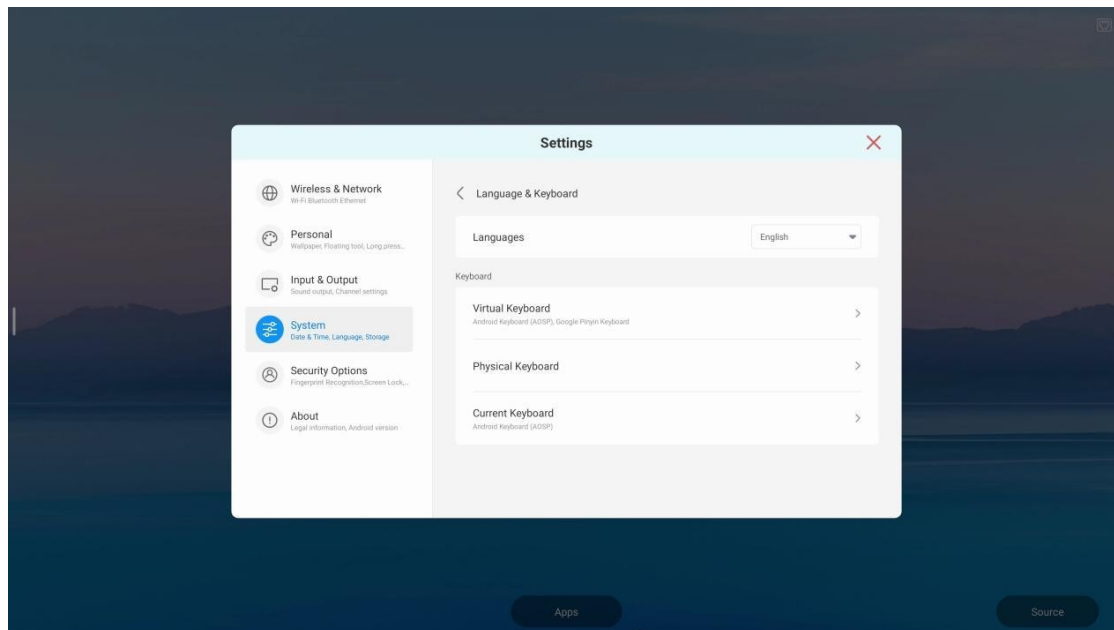
1.4.4 System



(1) Date and time: the 12/24-hour system is optional, whether to use network time is optional, and the date format and time zone can be set.

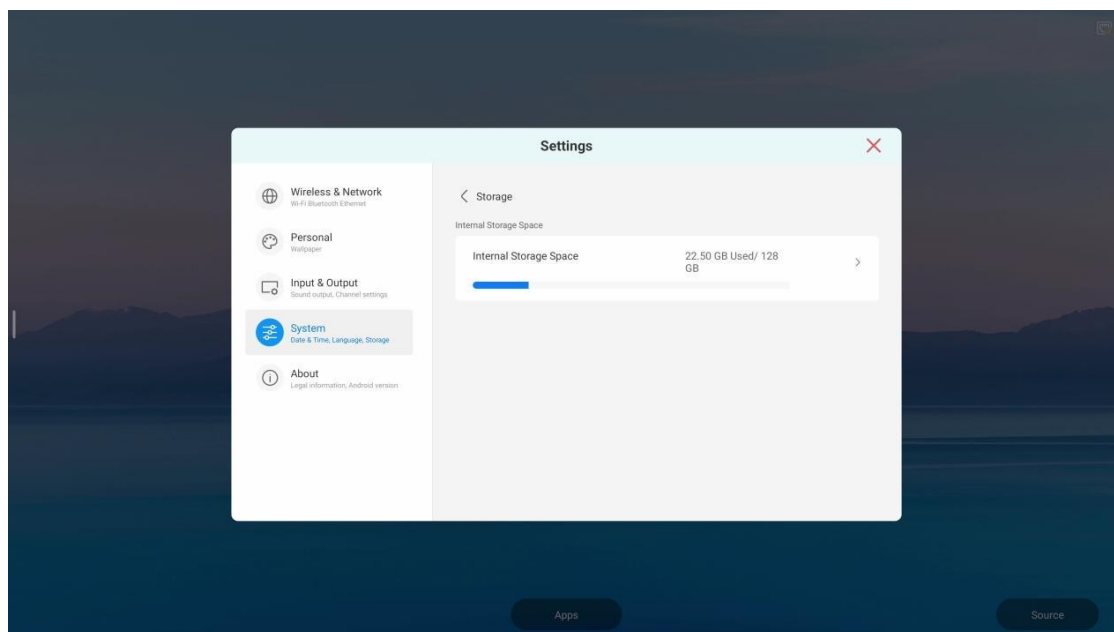


2) Language and keyboard: set the language of the system, switch the input method, virtual keyboard options of the keyboard unit.

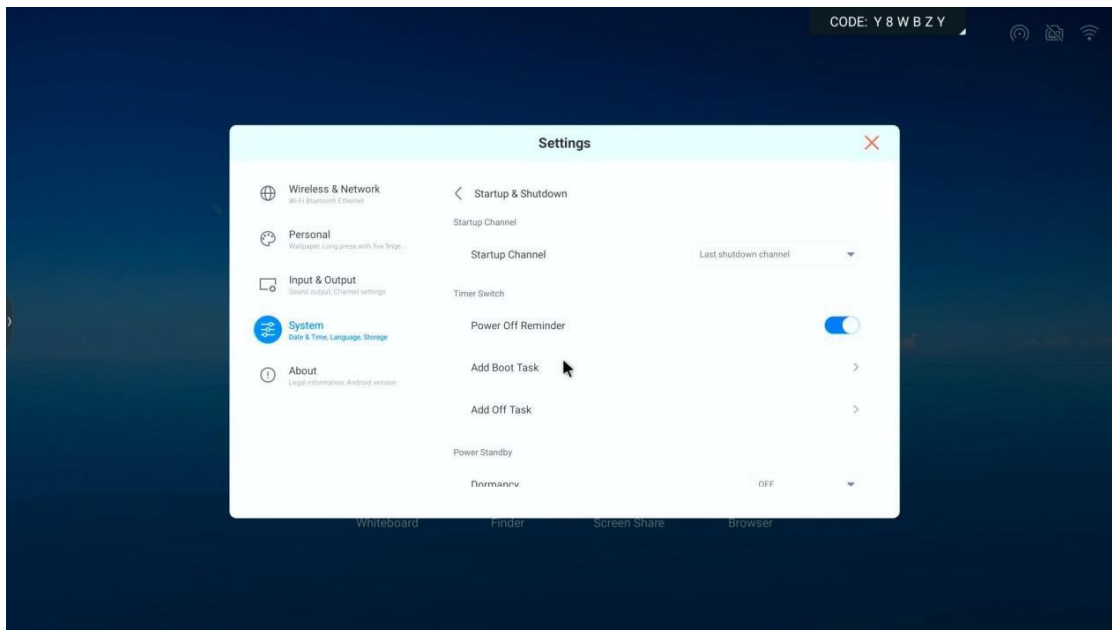


(3) region : Select the country and region to use.

(4) storage: Display internal memory usage



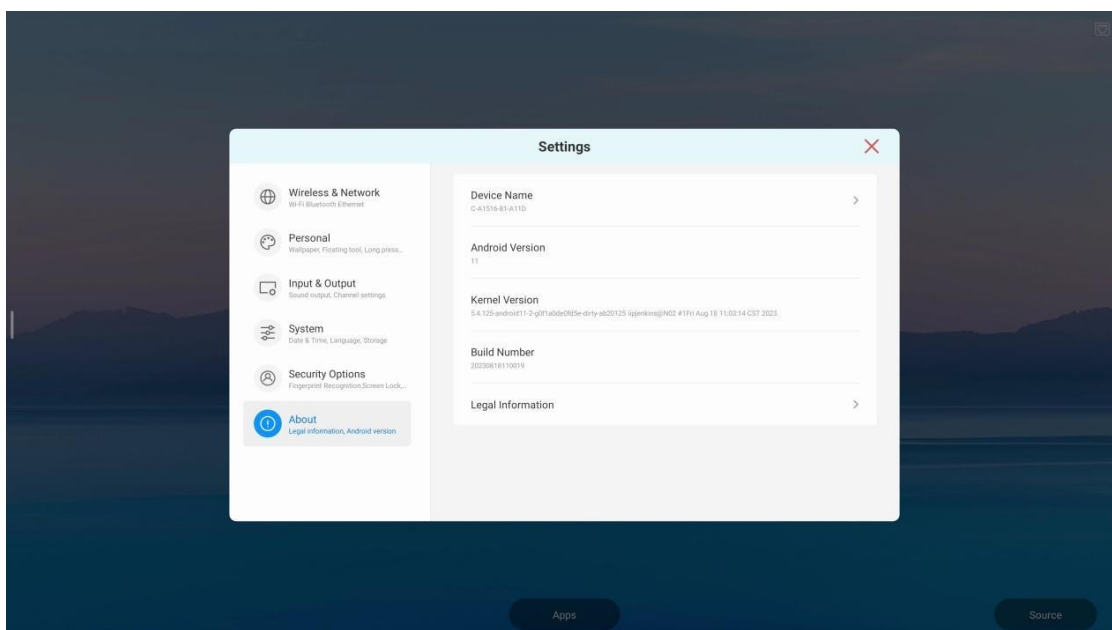
(5) Startup and shutdown: startup channel, scheduled startup/shutdown schedule, shutdown prompt, screen saver time, sleep time and screen saver display.



(6) System update: The latest update package can be detected to update.

(7) Restore factory settings : The data will be cleared and the factory settings will be restored.

1.4.5 Information



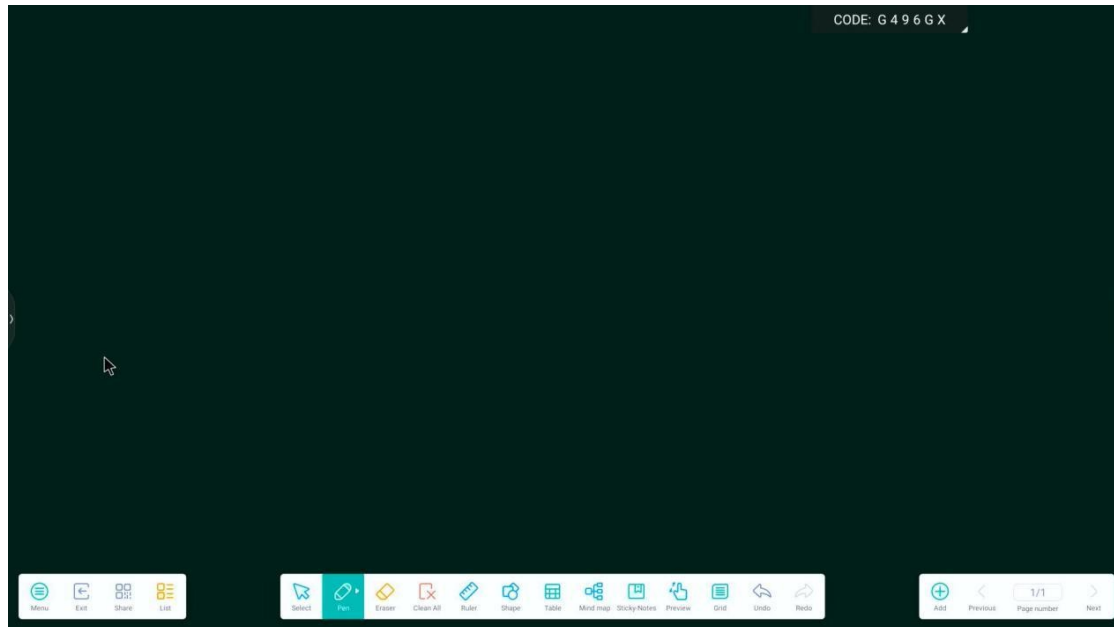
Chapter 2: Documentation of the software

2.1 Blackboard

2.1.1 Entering the board

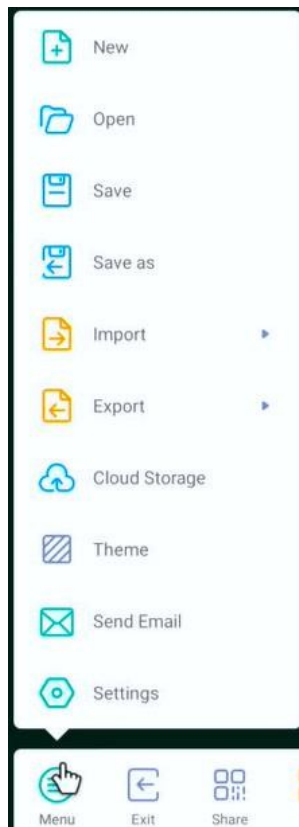
There are two ways to enter the board:

- (1) Click the icon  , to enter the whiteboard writing application from the main interface.



2.1.2 Menu

Click the  icon lower left corner of the interface to display the lower-level content menu.



(1) **New**  **New** : Click the icon to create a new board interface. If the previous interface has not been saved, you will be prompted to save it. The new interface can be edited and saved.

(2) **Open**  **Open** : Click the icon to open the file in the directory where the whiteboard file is saved. Click the file to open it directly, and then you can edit it and save it again.

(3) **Save**  **Save** : Click the icon to save the currently saved content. By default, the time is saved. The user can customize the name of the save. User can choose built-in memory or USB flash drive to save the array file.

(4) **Save as**  **Save as** : Click the icon to save as, which is similar to the save function, but is saved as another file.

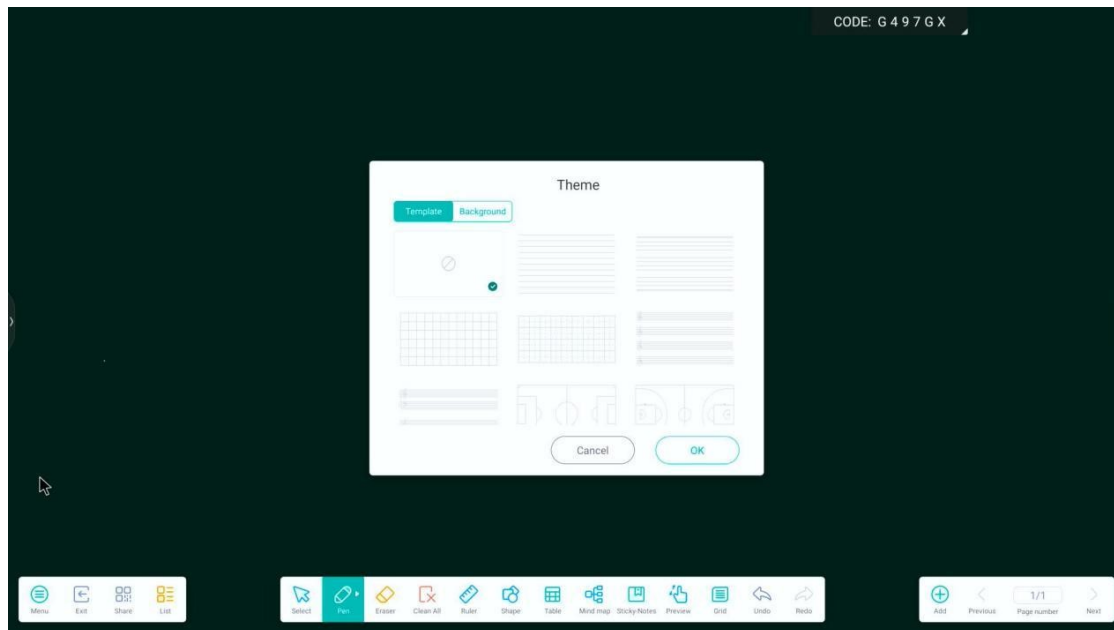
(5) **Import**  **Import** : Click the icon, select the file format to import, then select the file path to import and confirm the import.

(6) **Export**  **Export** : Click the icon, select the file format you want to export,

and then select the path to save the exported file. You can customize the name to save.

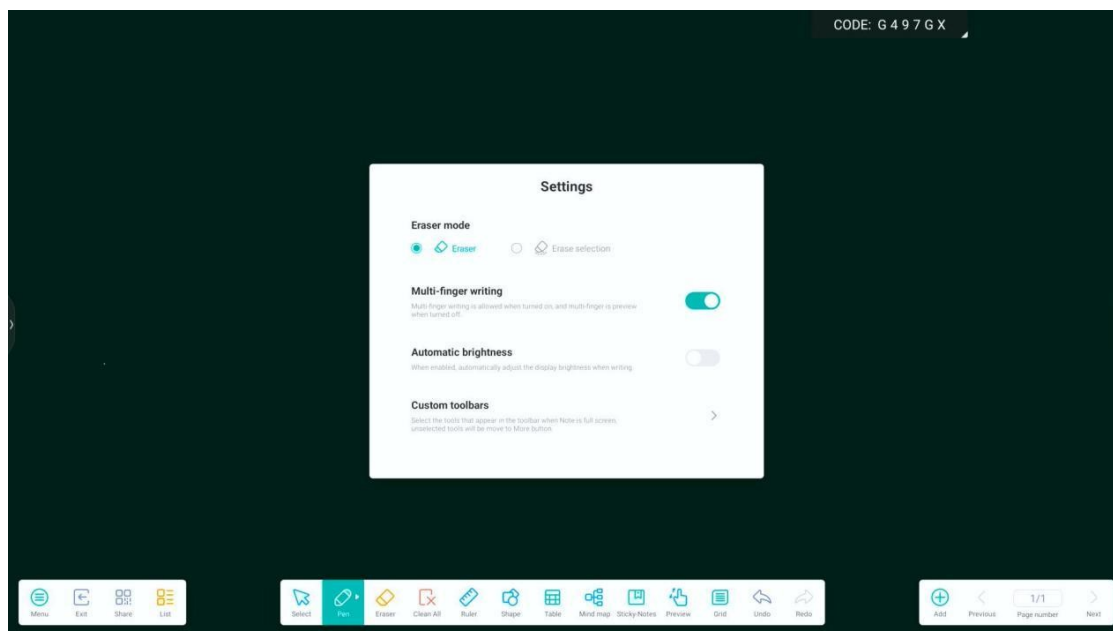
(7) Cloud storage  Cloud Storage : Click the icon, select the type of cloud drive to use and upload it to the cloud drive after logging in.

(8) Theme  Theme : Click the icon to set the template and background.

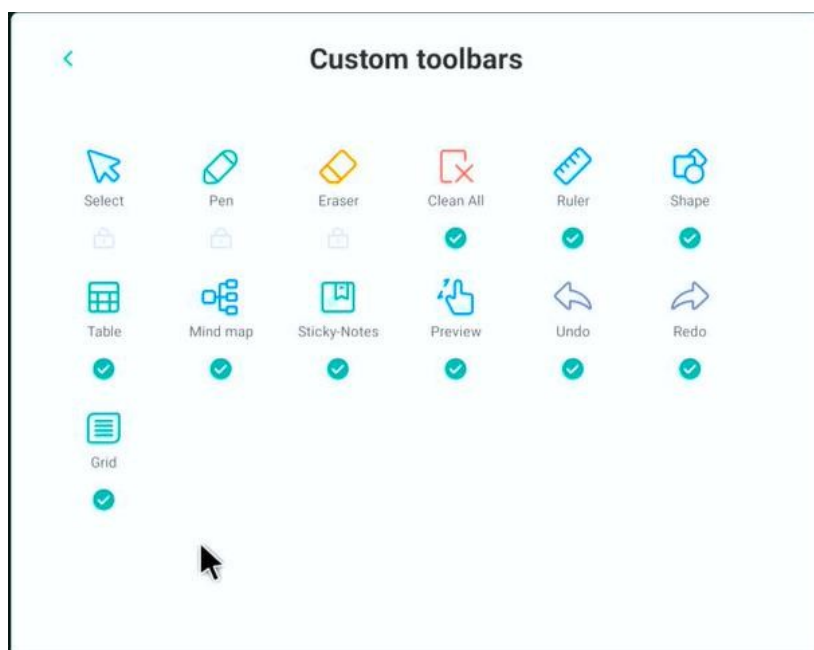


(9) Email  Send Email : Click the icon to save the current content of the board and email it. You should set the email address of the administrator user.

(10) Settings  Settings : Click the icon to set erase mode, enable multi-finger typing, and enable automatic brightness adjustment and custom toolbar.



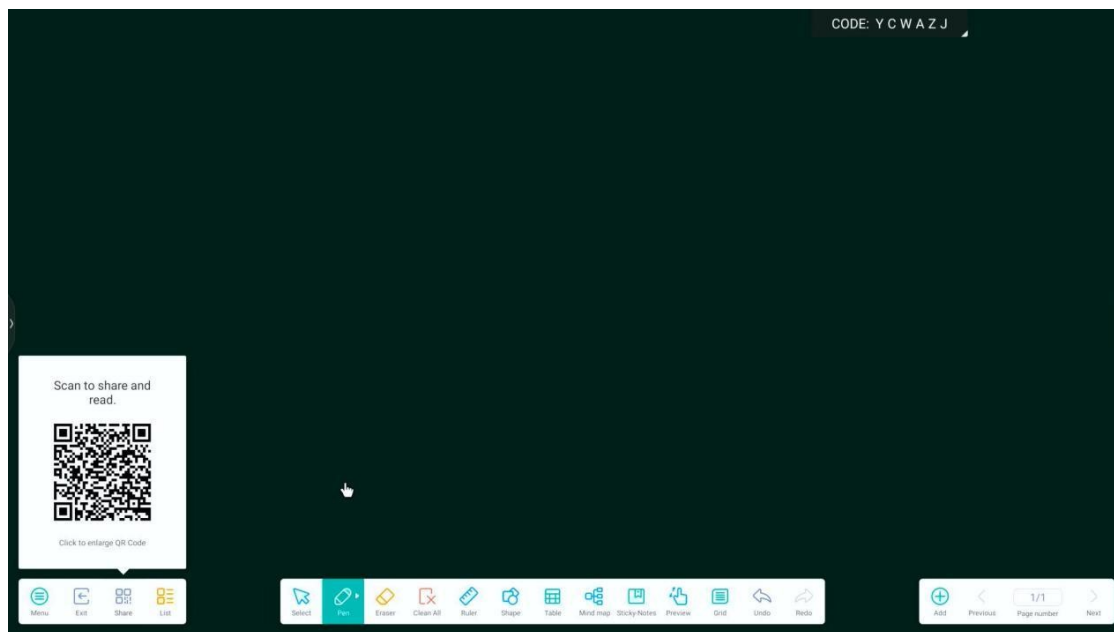
Custom toolbar: except for some tools that are locked on the toolbar, you can set whether other tools will be displayed on the toolbar.



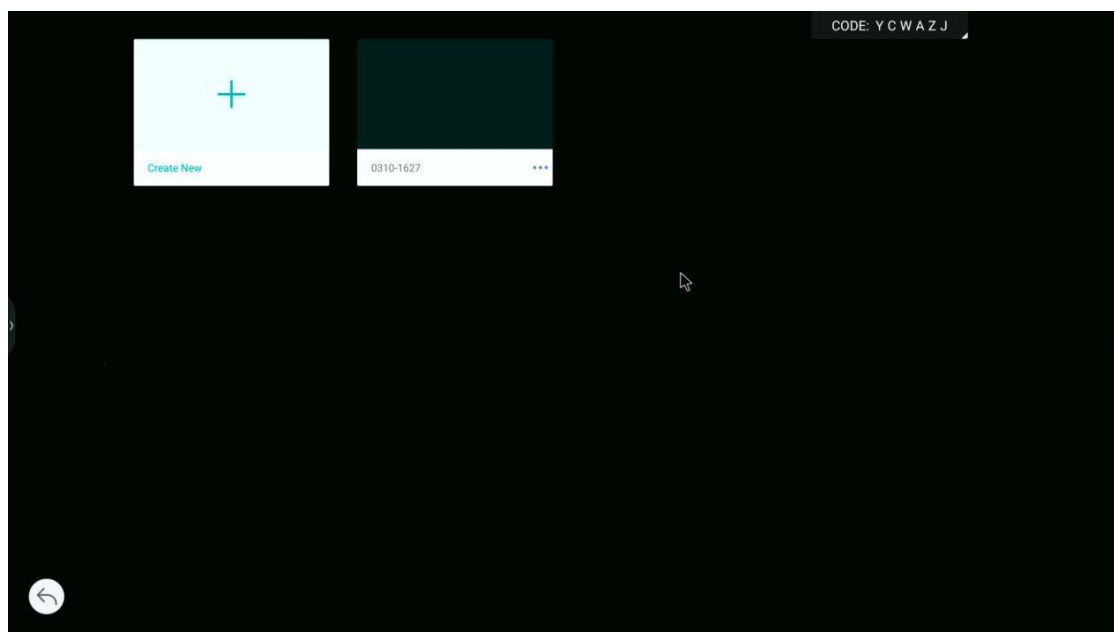
(11)  **Exit** : Click the icon to close the whiteboard application. If there is unsaved content, you will be asked whether to save it, and then return directly to the main interface.



(12) Share : Click the icon to export the current board content and generate a QR code. Scan the code to download the whiteboard file. Users can share the QR code to share the whiteboard file. This function requires a network connection.



(13) List : Click the icon to access the file list. In the current interface, you can create new files, rename existing files, view paths and delete files.



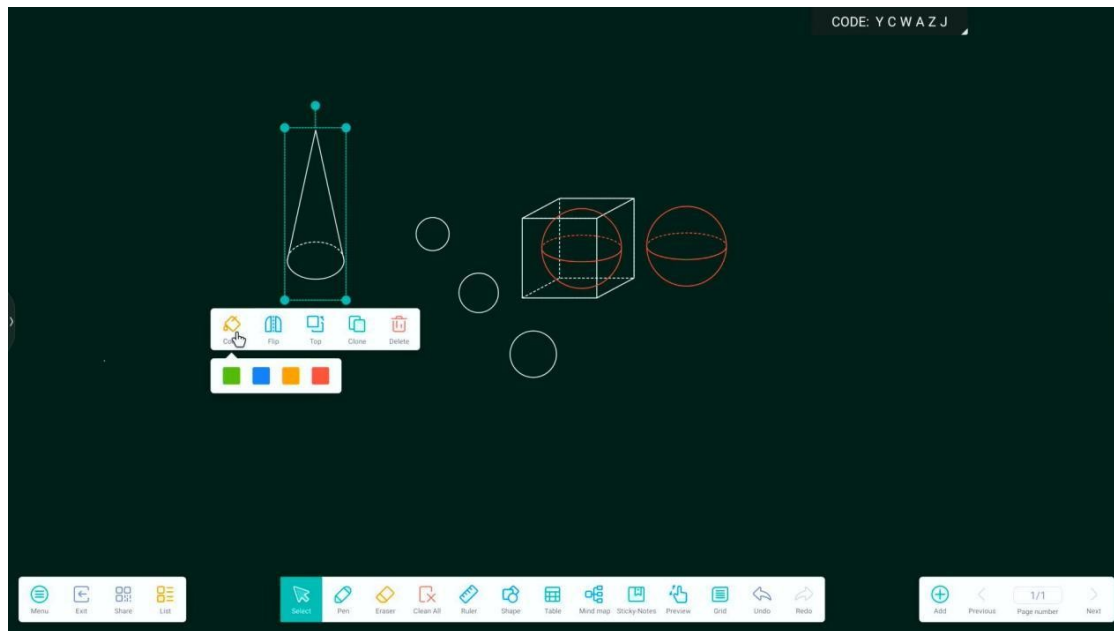
2.1.3 Operations based on



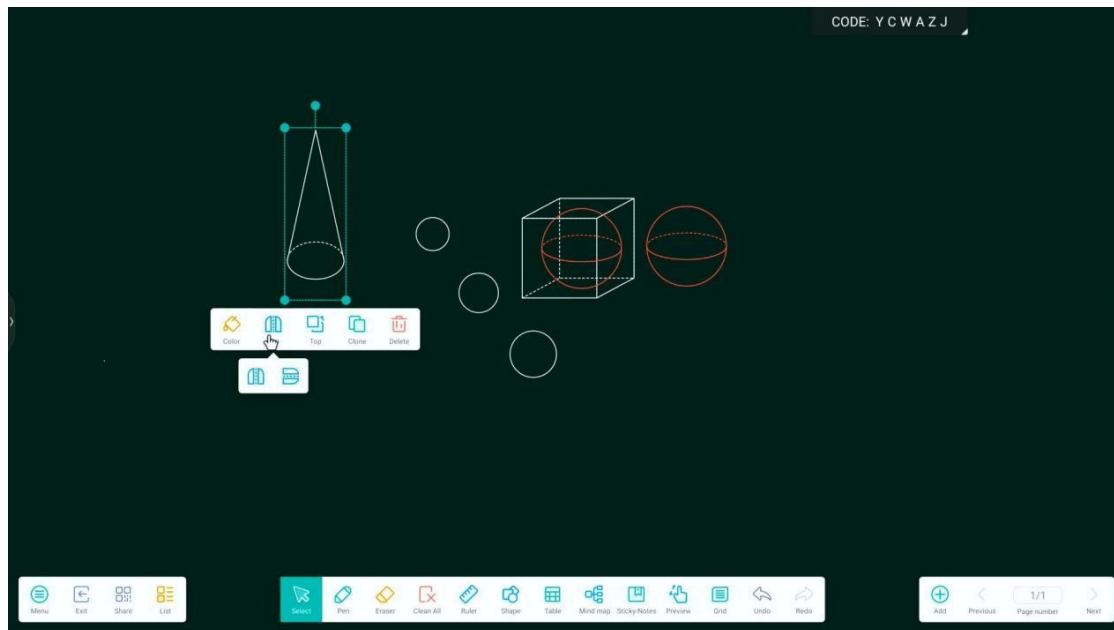
(1) Select : Click the icon to enter selection mode from writing mode. You can move, color, embellish, search, reverse, delete, clone, rotate and enlarge the handwriting, shape, inserted image and other content in the drawn interface.



a. Color : Click the icon to change the color of the selected content.

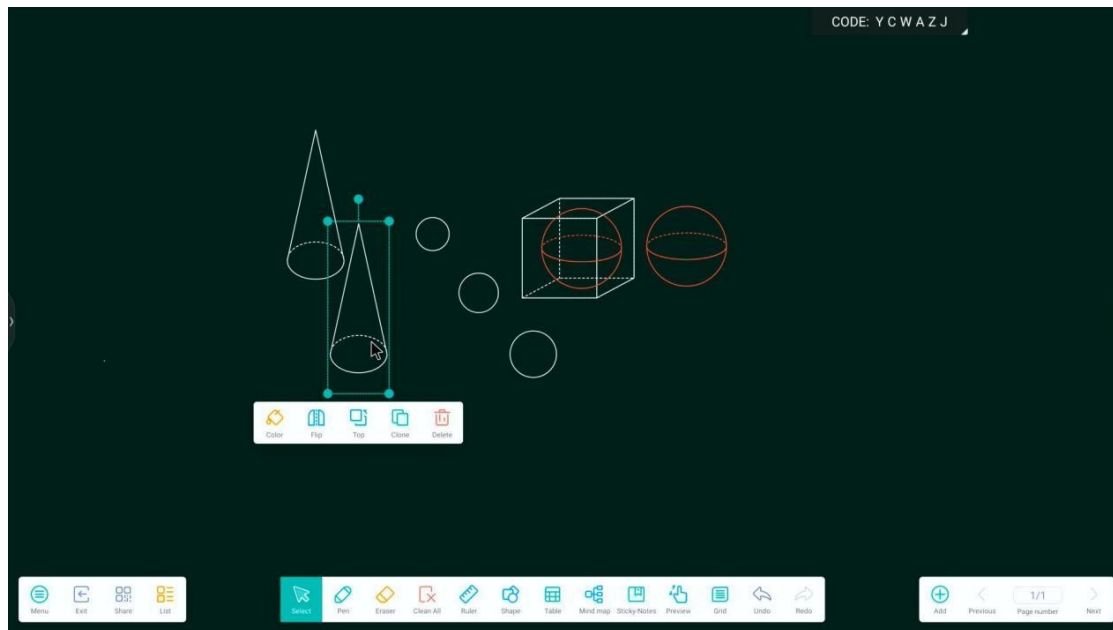


b. Invert Flip : Click the icon to invert the selected content up and down or left and right.



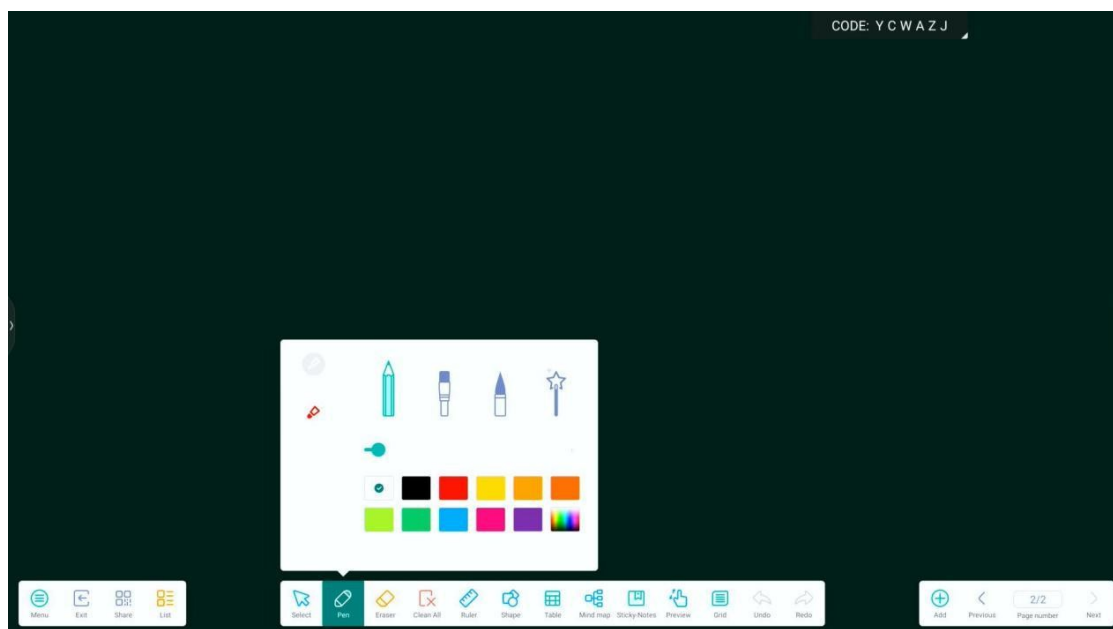
c.  **Top** : Click the icon to put the selected content on top.

d.  **Clone** : Click the icon to clone the selected content.



e.  **Delete** : Click the icon to delete the selected content.

(2)  **Pen** : Click the icon to enter writing mode, which is also the default mode when you open the application. Click again to select the type, color and thickness of the pen. Click the icon , to expand the color palette and adjust the brush color.



(3)  **Eraser** : Click the icon to enter eraser mode. The written content can be deleted by tapping. Click the icon again to adjust the eraser range.

(4) Clear

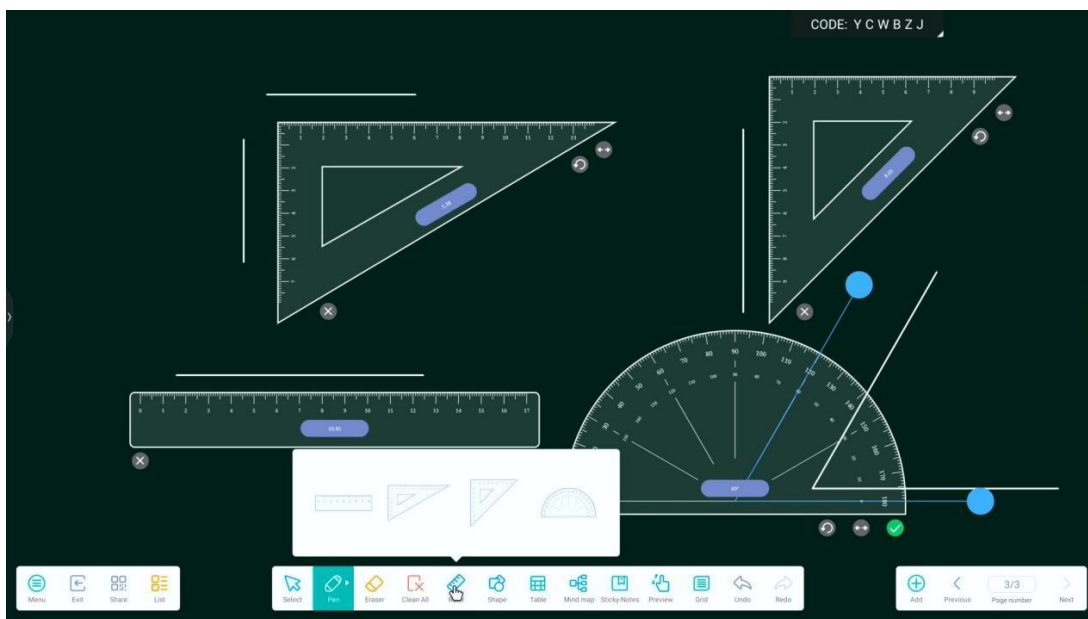


all: Click the icon to completely remove the saved content, shape, etc.

from the current page. If you want to restore the cleared content, you can click the icon , to cancel the cleaning operation.

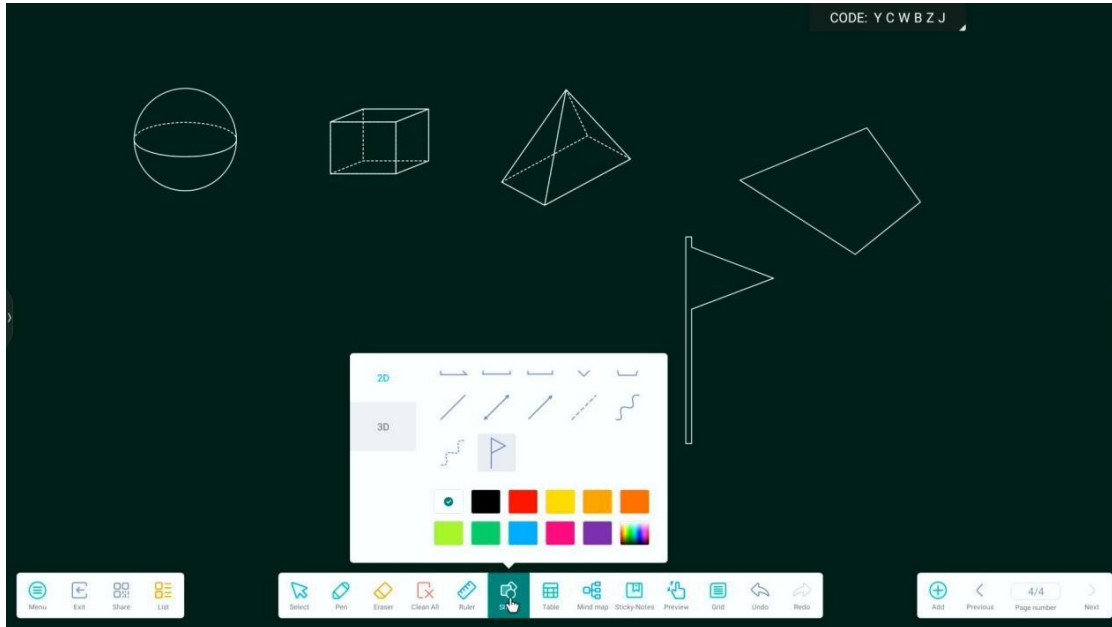


(5) Ruler : Click the icon to select the type of long ruler, triangular ruler and protractor. The ruler edge can draw straight lines and display length. Angle meter can measure angles and draw angles at any angle.

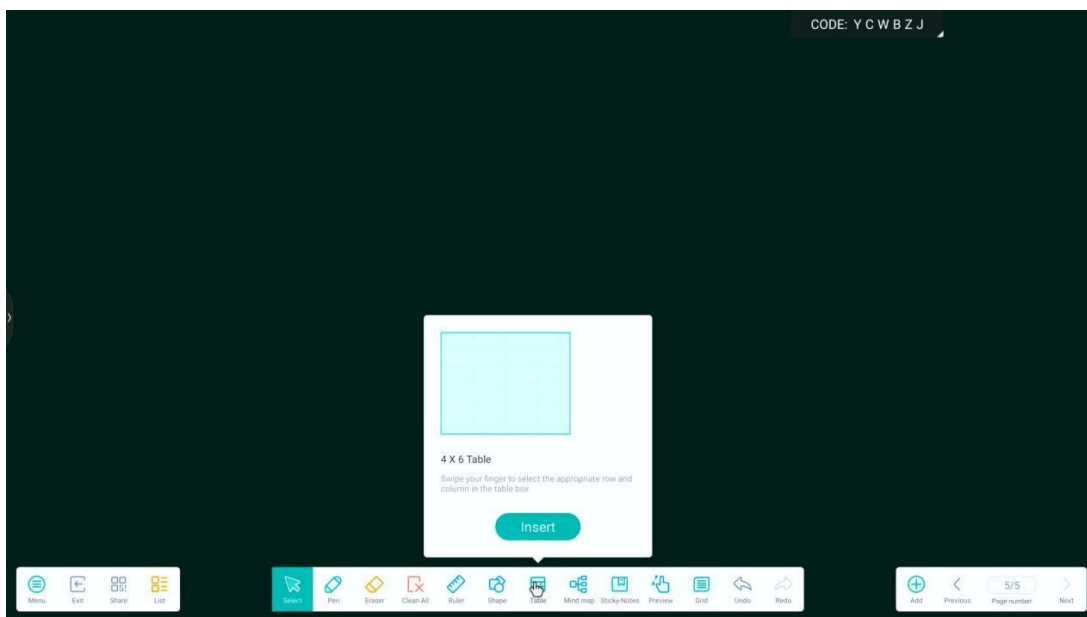


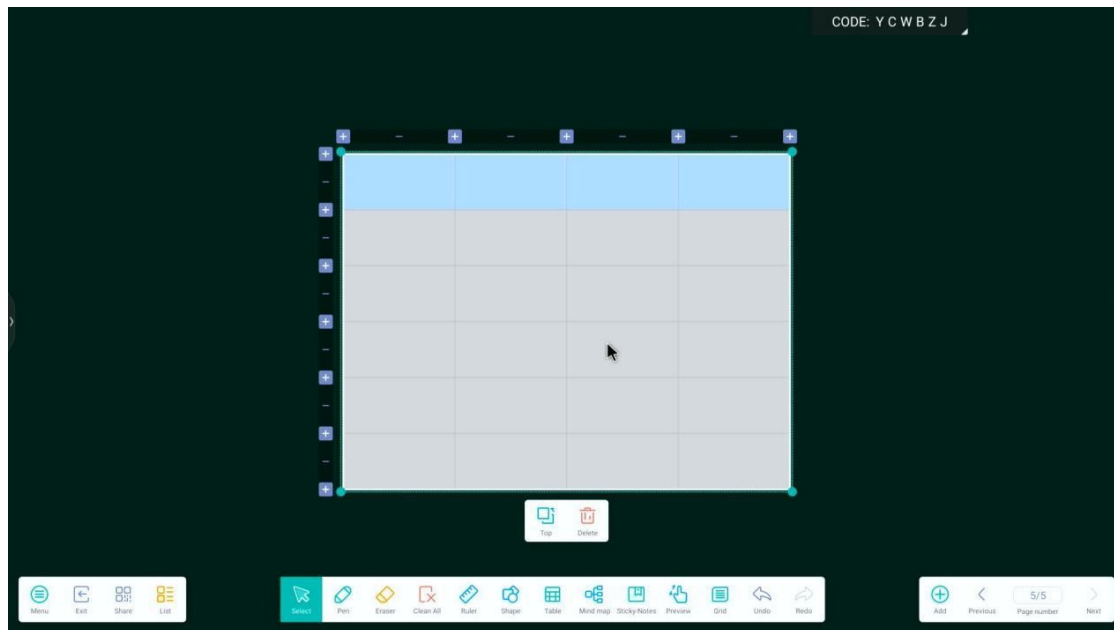


(6) Shape : Click the icon to draw standard graphics by touching and dragging on the whiteboard interface. Click again to select graphic shapes, switch between flat graphics and 3D and adjust colors. Click the icon to intelligently beautify the drawn shape and transform it into a regular shape.

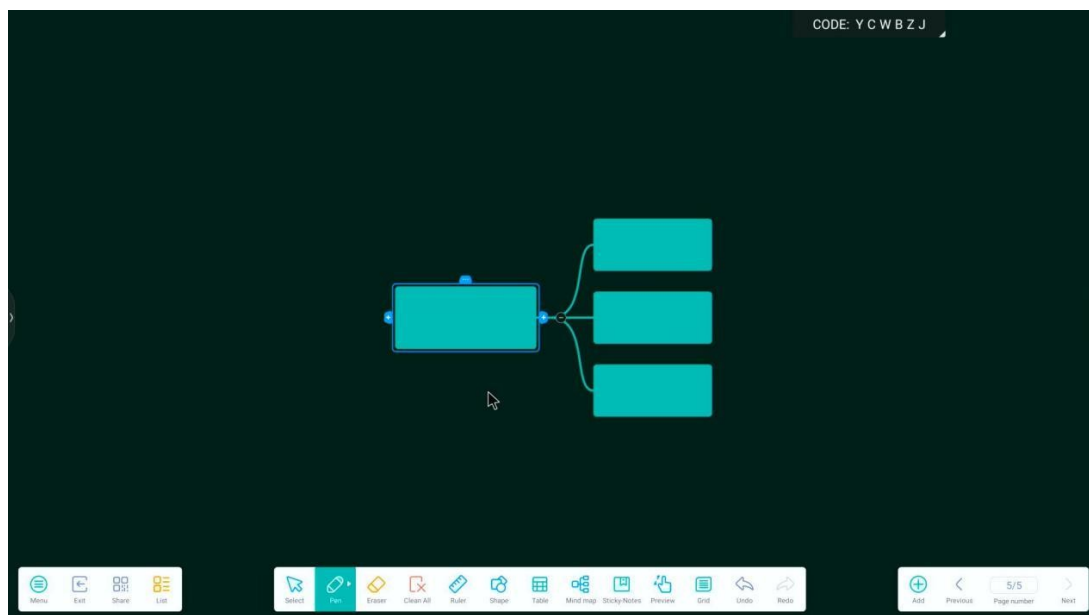


(7) Table : Click the icon, tap and drag to select the table size, then click "insert" to insert the table. By entering the selection mode, you can drag and edit the table.





(8) Mind map  : Click the icon to insert the initial mind map on the current page. Click a node to edit it to create a mind map. Click  to add a sub node towards the current node. Click , to display a delete request. Confirm to delete the current node.



(9) Self-adhesive notes

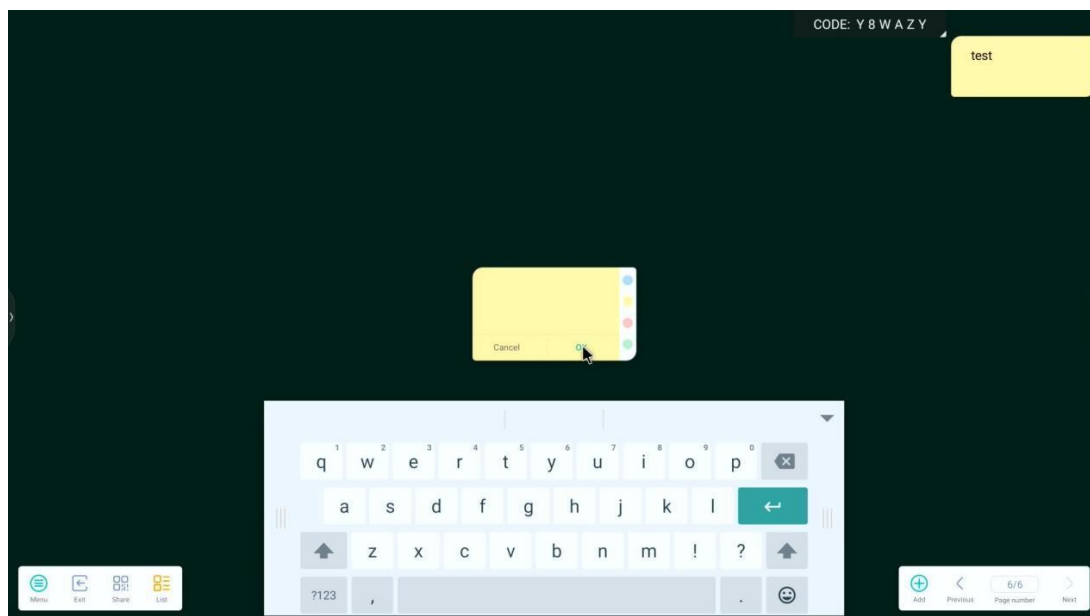
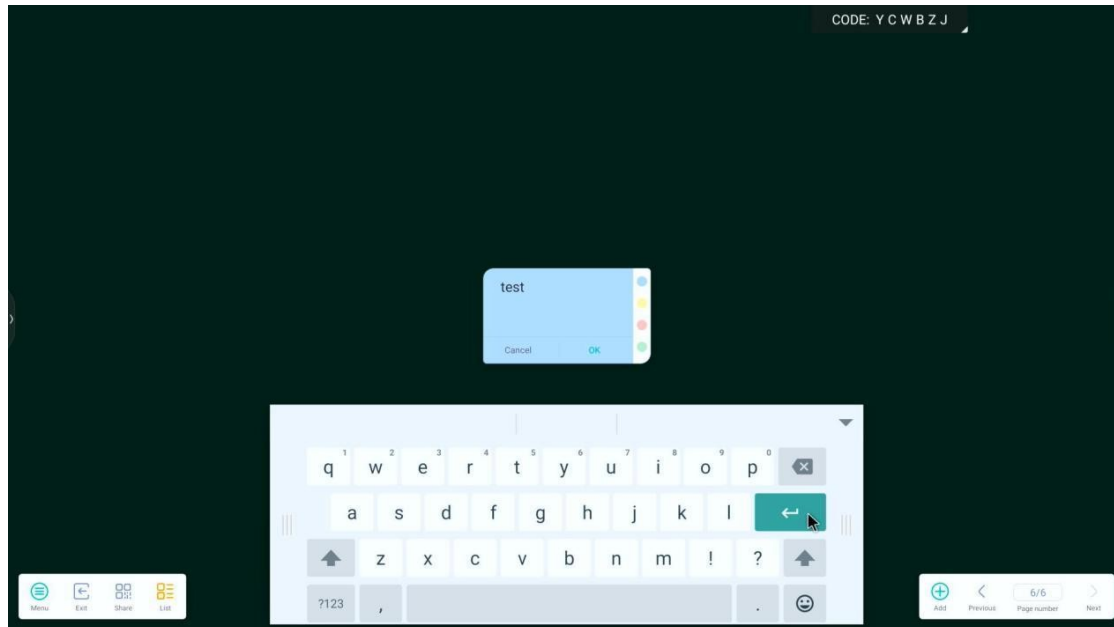


Sticky-Notes

: Click the icon to go to edit the note, enter the note



content using the on-screen keyboard, select a note color from the side of  click "ok" to successfully add a note.

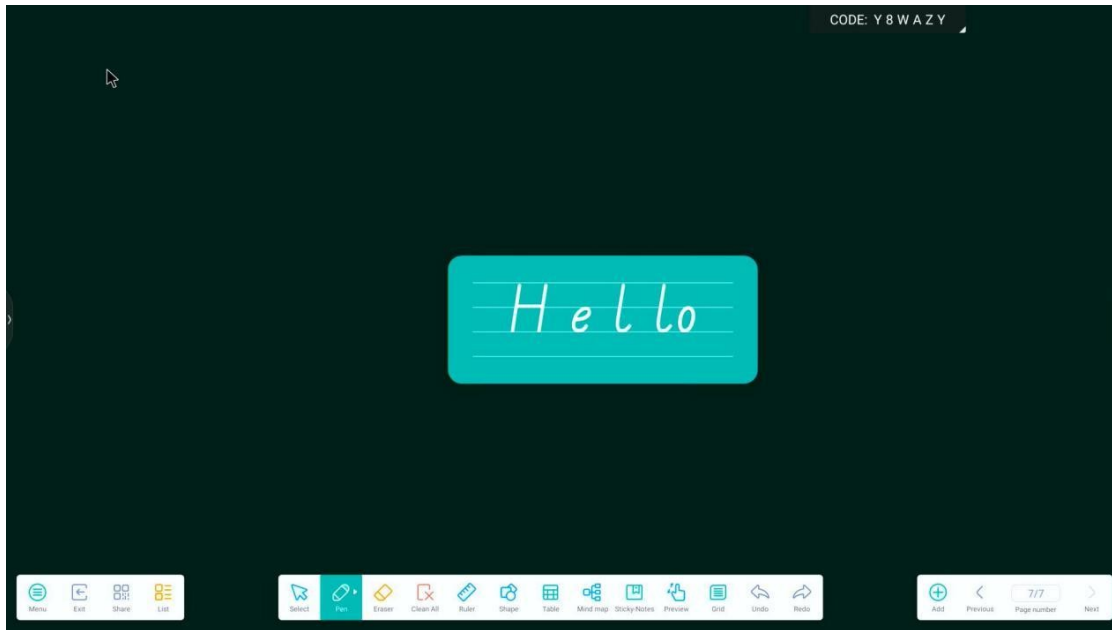




(10) **Preview** Preview : Click the icon to enter the roaming mode and zoom in and out the whole page (whole) with multi-finger touch operation for easy viewing.



(11) **Grid** Grid : Click the icon to insert a four-line grid, which is automatically beautified when writing in a four-line grid. Only beautification in English is supported.



(12) **Undo and redo**: Click the icon Undo , to undo an unsaved operation. The operation can be undone multiple times. If you want to undo an operation multiple times, you can click the icon to resume the undo operation. Similarly, you can undo an operation multiple times.



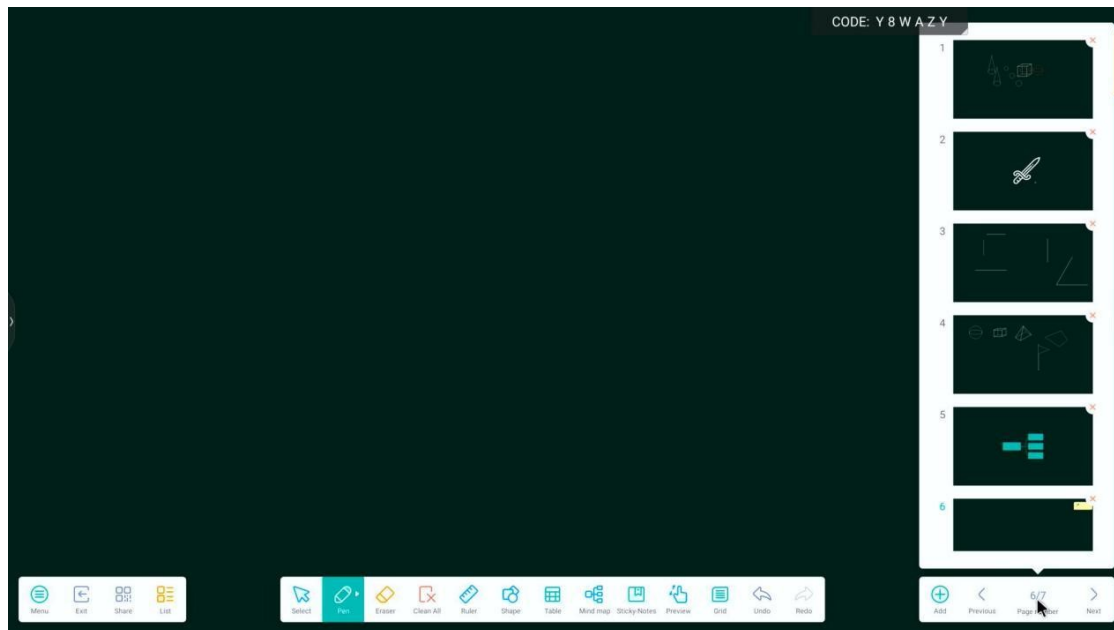
(13) **Add** Add : When you want to add a new page, click the icon to add a new page and switch the current interface to the new page.



(14) **Previous and Next** : When there are multiple pages, you can click the Previous icon and Next icon to switch pages.

1/1

(15) **Page number** Page number : click the icon to display all page thumbnails. You can select the page thumbnail to switch or delete.



(16) Written by multiple people

note whiteboard



Added multiplayer function

The teacher asks questions on the blackboard Students write answers on the blackboard

$1+1=2$

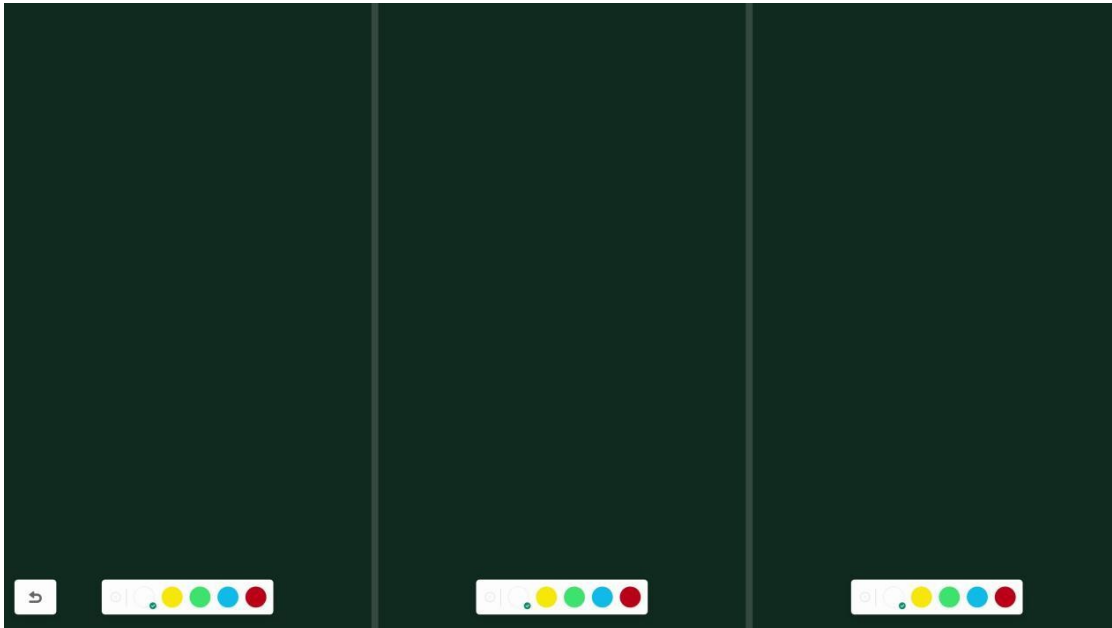
$2+2=4$

$3+3=6$







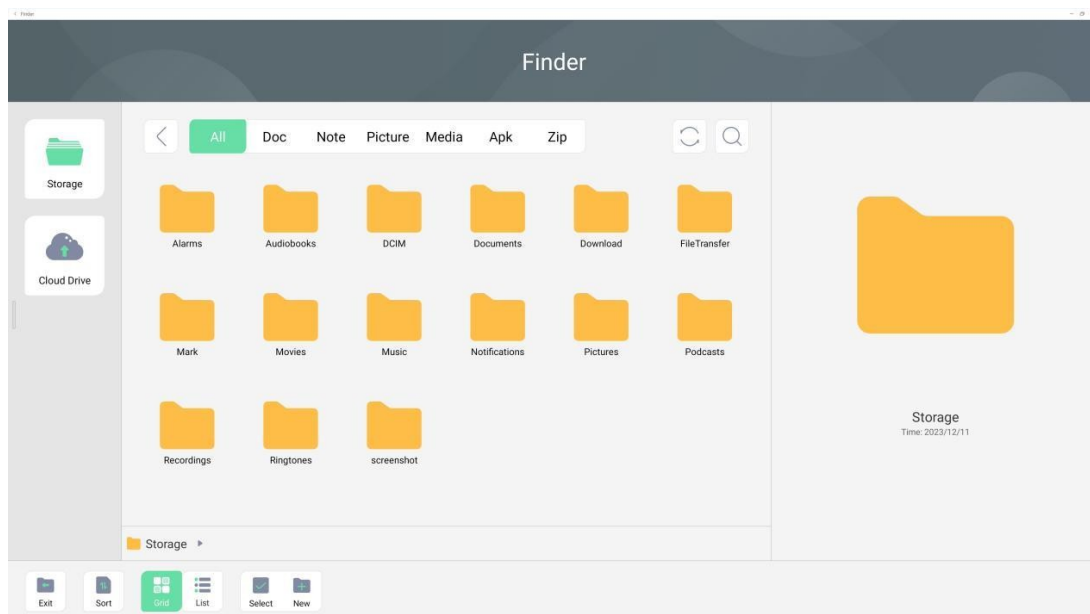


2.2 finder

2.2.1 Introduction to the interface



Click the icon  , to access the file browser application. On the left side of the file browser, local files and cloud hard drives are displayed.



2.2.2 display mode

(1) **classify** :



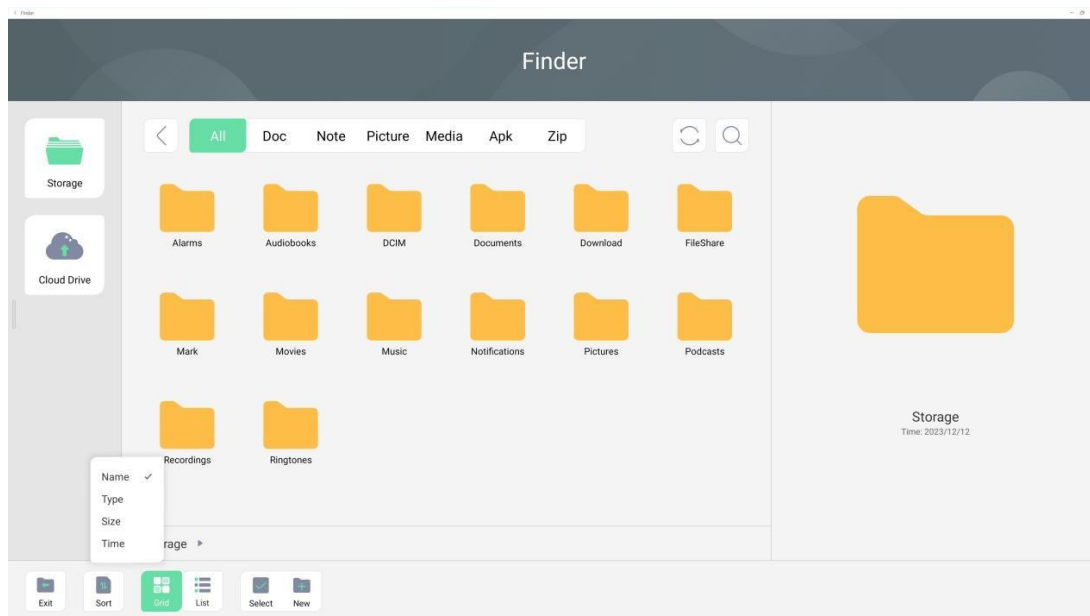
The above column can display the contents of the current directory according to the format.

- a. When you click "Doc", the main content is displayed: Word, Excel, PDF, TXT; files.
- b. When you click "Note", ENB or **JPG** ; files will be displayed.
- c. When you click the "Image" option, you will see a file in an image format, such as PNG, JPG, etc.
- d. When you click on the "Media" option, an audio (MP3) or video (MP4) ; file will be displayed.
- e. Click "Apk" to display application files, such as APP, APK, etc.
- f. When you click "Zip", the compression package class files will be displayed.

(2) **sort** :



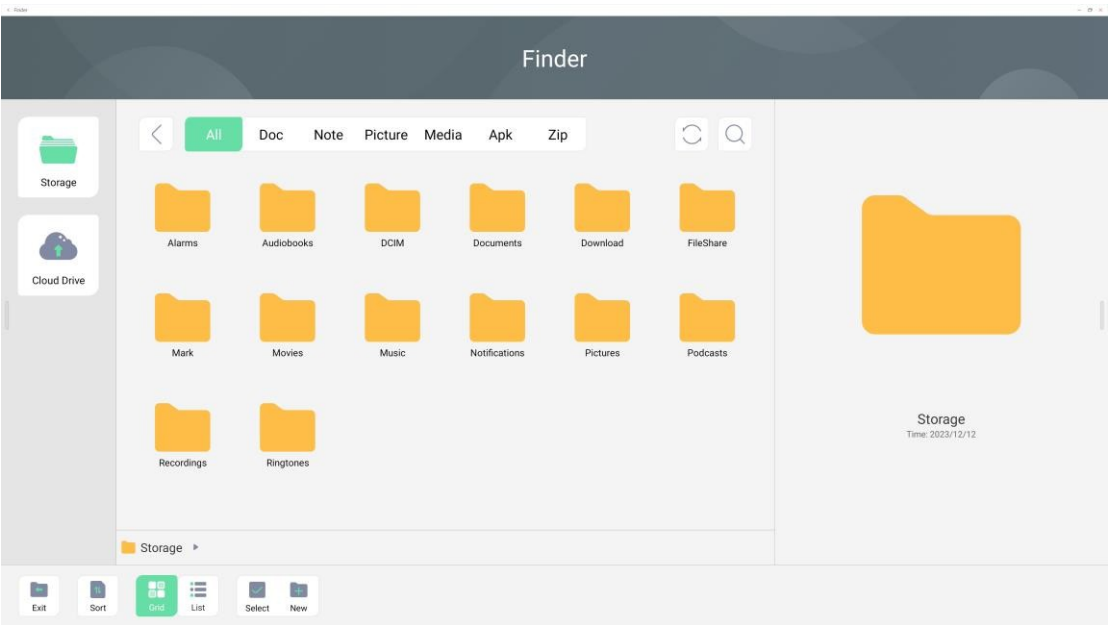
Click the sort icon to sort files by name, type, size and time.



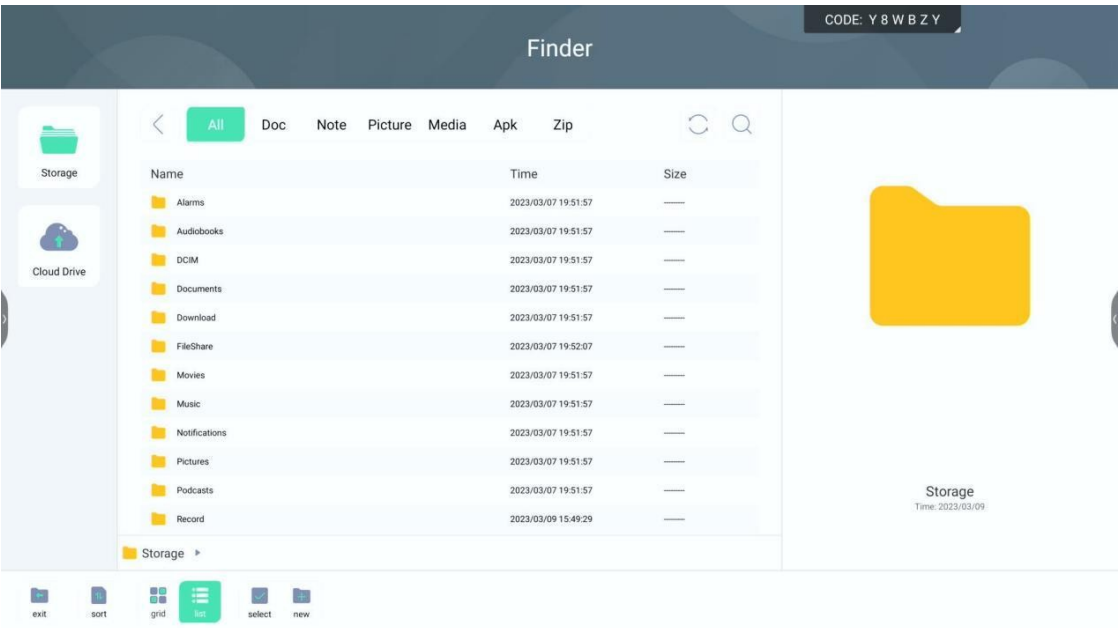
(3) display form :



Click the icon **grid** , to display the file in grid tiles; .



Click the **list** icon to display the file in the list.



2.2.3 toolbar

(1) refresh :

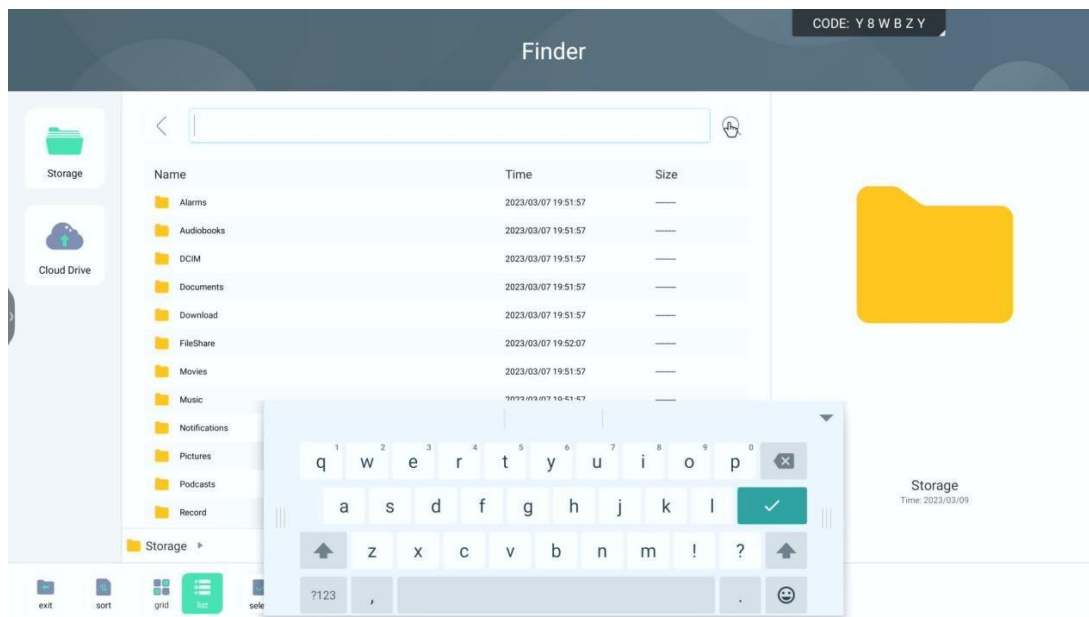


Click the icon to refresh the contents of the file.

(2) search :



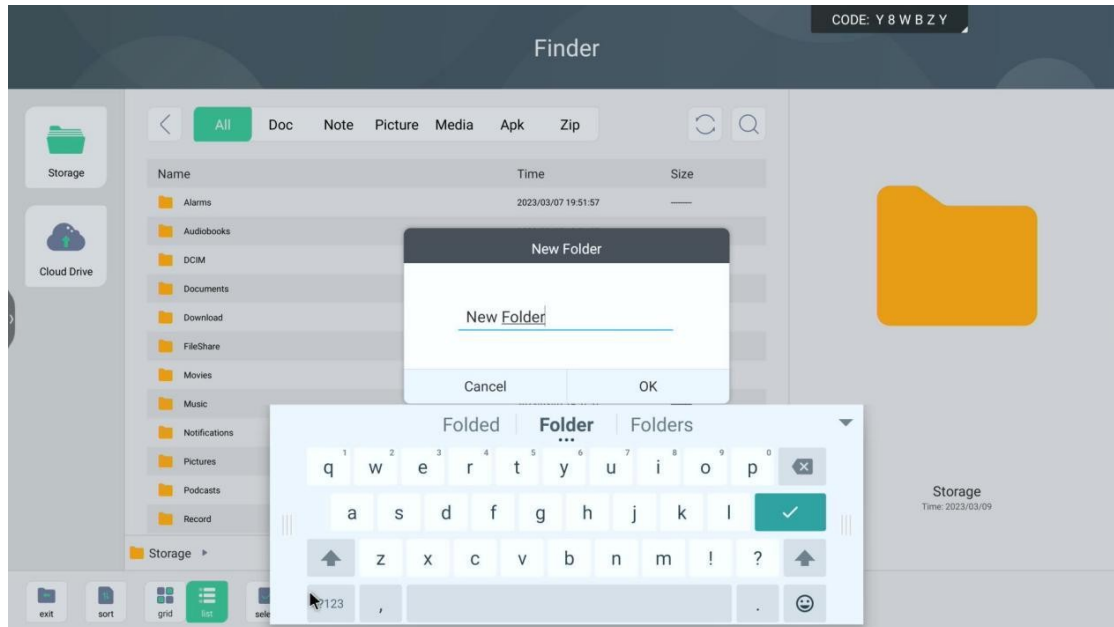
Click the icon to enter a file name to search for a file in the current directory.



(3) new :



Click the icon **new** , to create a new folder.



(4) exit :



Click the **exit** icon to finish browsing the files.

2.2.4 select



Click the icon **select** , to perform an operation on the file.

Finder

storage

Cloud Drive

All

Doc

Note

Picture

Media

Apk

Zip

↺

🔍

📁

Alarms

📁

Audiobooks

📁

DCIM

📁

Documents

📁

Download

📁

FileShare

📁

Movies

📁

Music

📁

Notifications

📁

Pictures

📁

Podcasts

📁

Record

📁

Storage -

Time

Size

20t3AM719:51

:57

20t3vDJ/q7'0:

51:57

202

08/07175td7

202S/03/07 19:Sy:S7

2023/03/07 1g:5t: 57

2023/03/07 19:52:07

2023n)%7195t57

2023/03/07 19:51:57

2023/03/07 19:51:57

2023/03/07 19:51:57

2023/03/07 19:51:57

2023/03/09 15:49:29

📁

Storage

" Jr. 023 ""?J "Ofi



a. Click the box in the upper right corner of the folder to select the file.



b. Click the **select all** icon to select all files in the current directory.



c. Click the icon **cancel** , to deselect the selected content



d. Click the icon **copy** , to copy the selected file to the clipboard.



e. Click the icon **cut** , to cut the selected file to the clipboard



f. Click **paste** , to paste the contents of the clipboard into the current directory



g. Click the icon **delete** , to delete the contents of the selected file

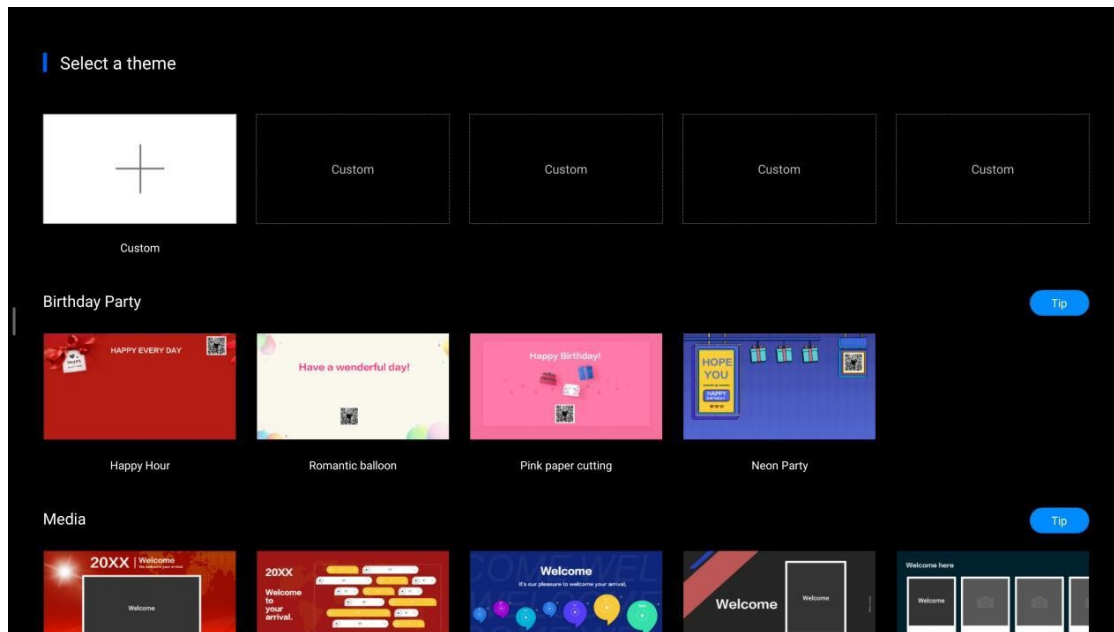


h. Click the icon **rename** , to rename the selected file (only one file can be selected at a time).

2.3 welcome

2.3.1 Displaying

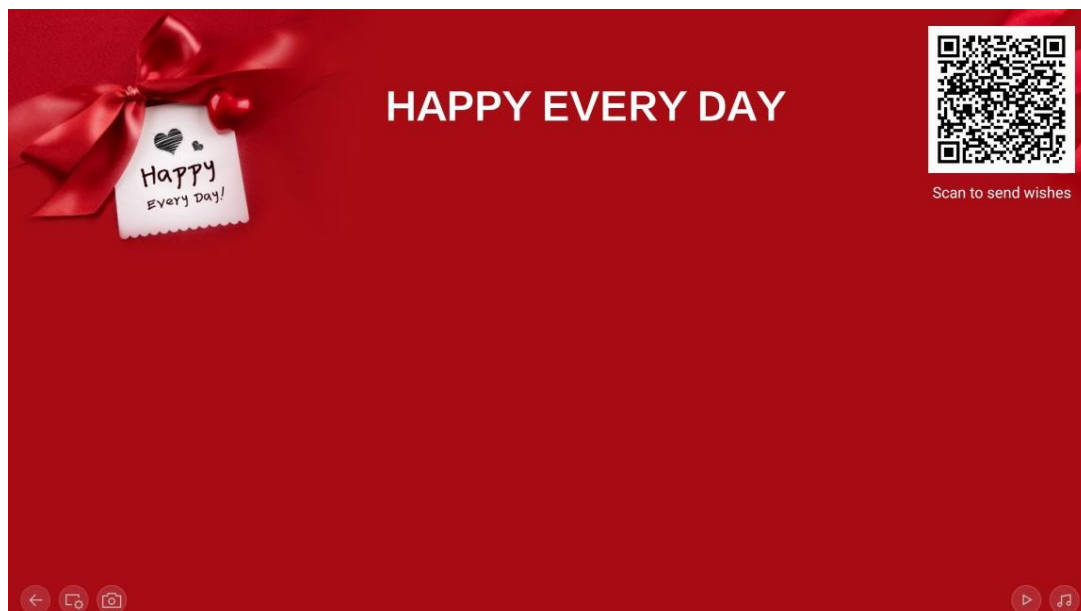
Click the icon  (left or right)  -> click the icon -> click the icon 



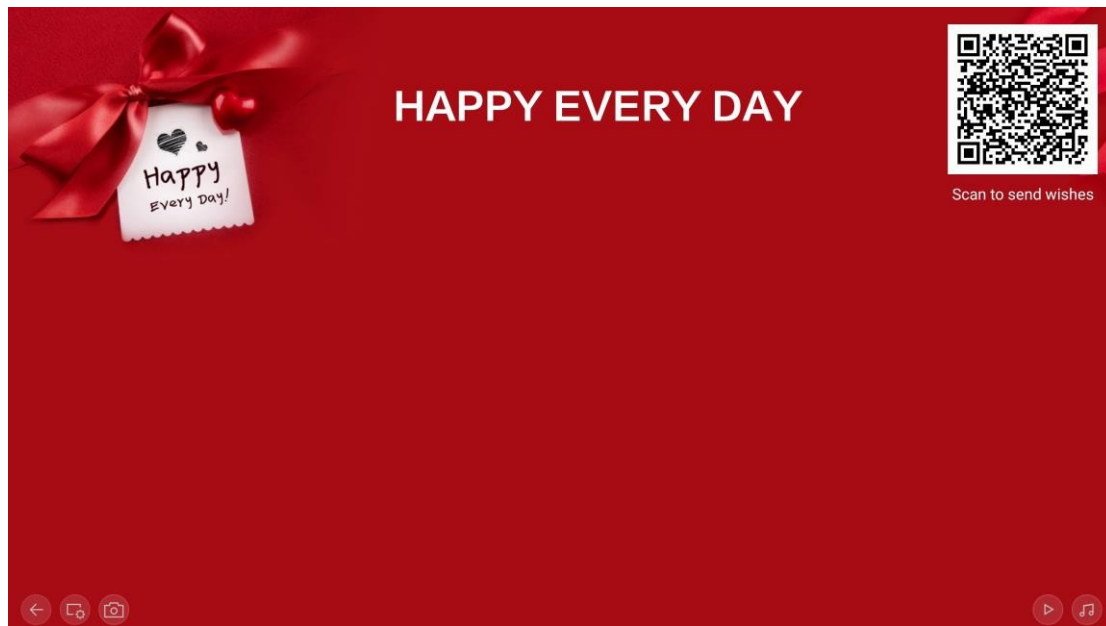
The main interface is divided into custom, birthday, multimedia and text functions.

2.3.2 Introduction to the function

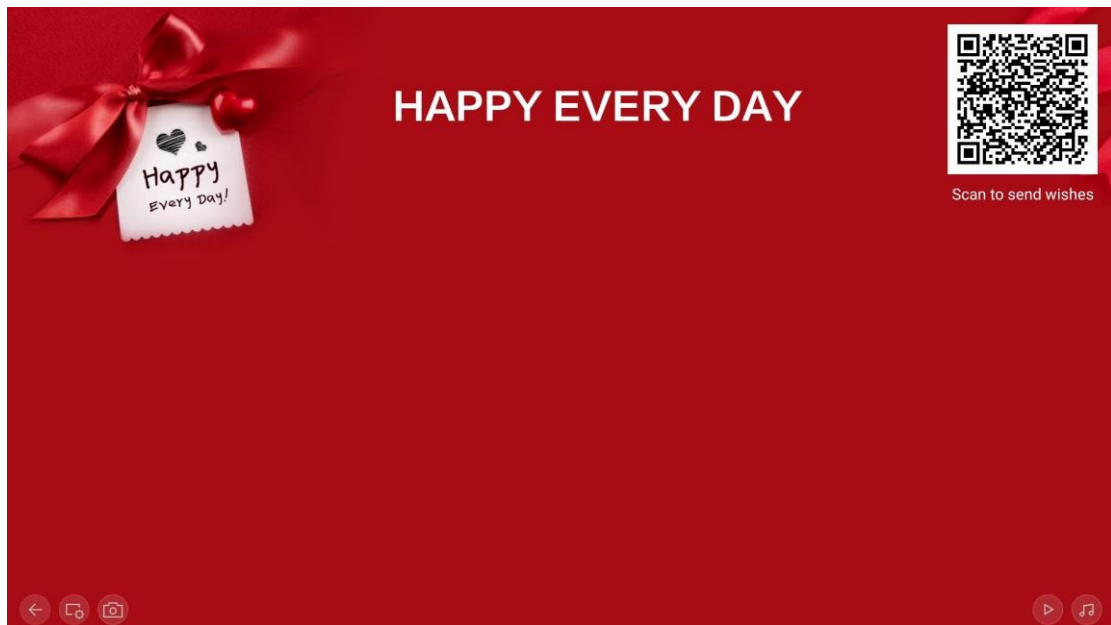
Preview and open the template image in the main editing interface:



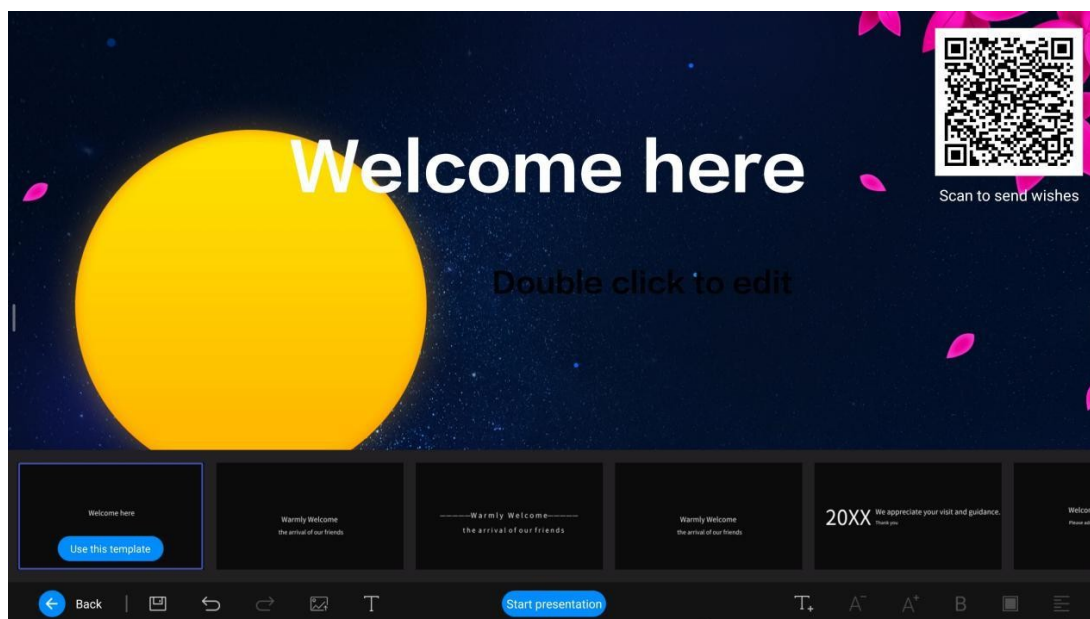
(1) Click  the icon to enter edit mode.



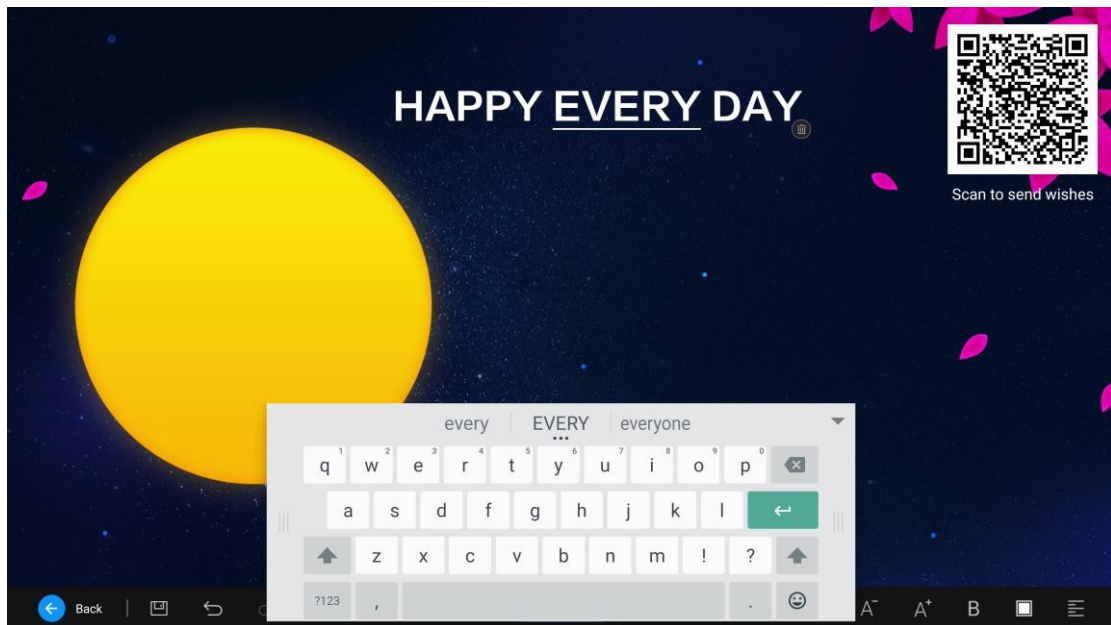
a. Click  the icon to set a background image that can be uploaded locally



- b. Click the icon  to set the text template. You cannot customize the text template, but you can add text.



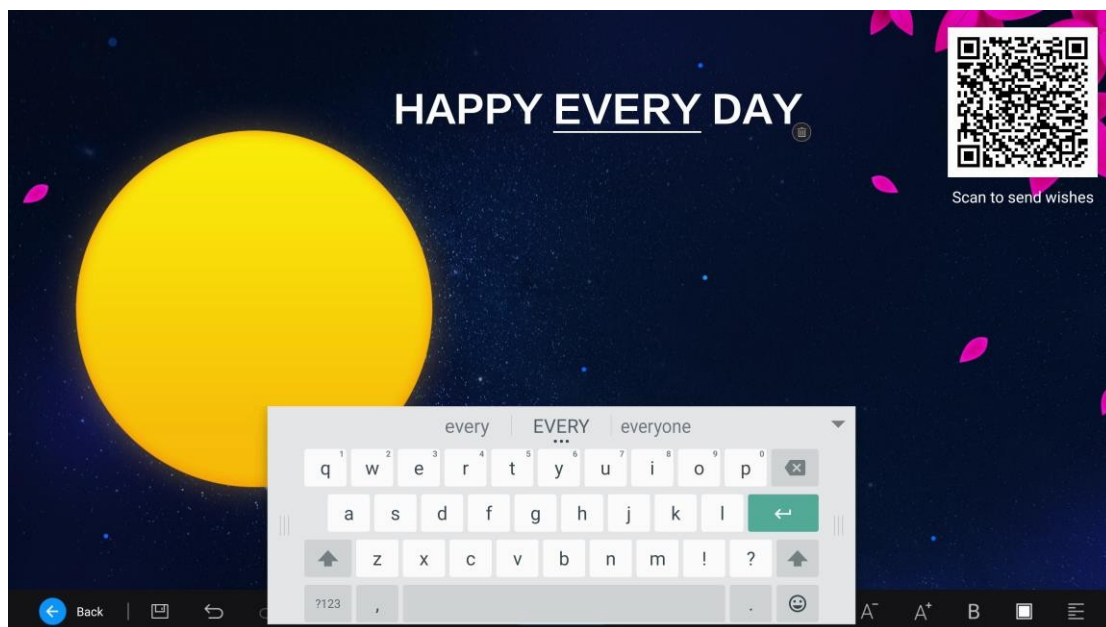
- c. Click the icon  to edit the text and customize its content.



d. Click the  icon on the  icon to enlarge or reduce the font of the text edited in the previous step.

e. Click the icon  to bold the edited text content.

f. Click the icon , to adjust the color of the edited text



g. Click the icon  to align the edited text to the left, right or center.

h. Click  the  icon and the icon to undo and restore an unsaved operation.

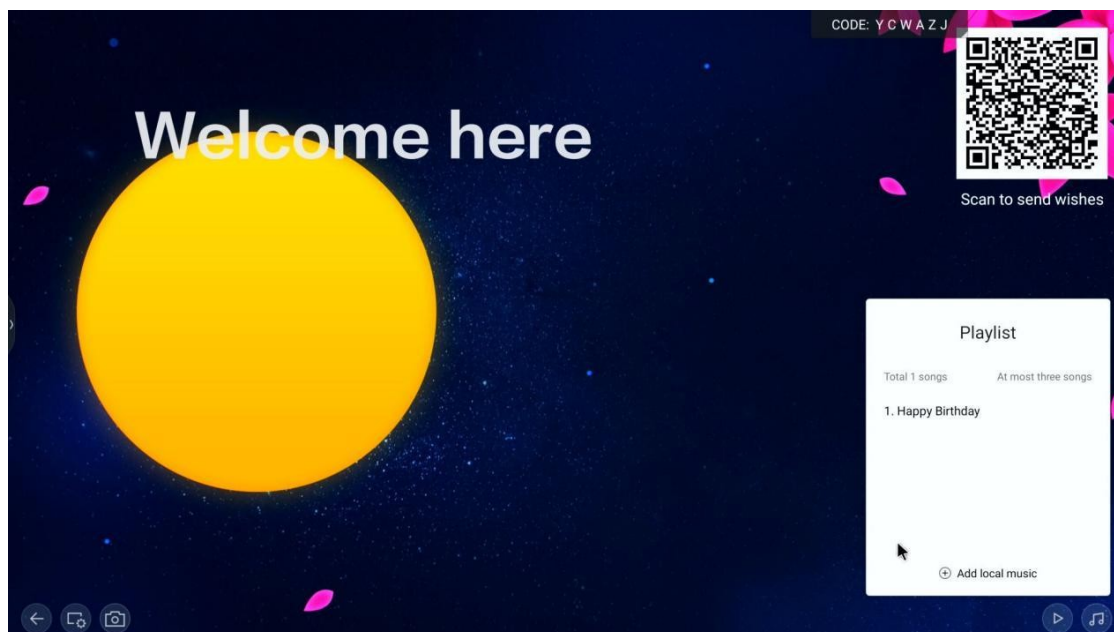
i. Click  the icon to save the template theme

j. Click the icon  Back, to exit topic editing and return to the template.

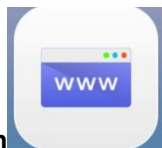
(2) Click the icon , to take pictures. An inactive camera is required.

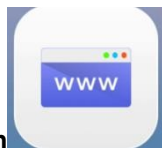
(3) Click the  icon to automatically play the slide.

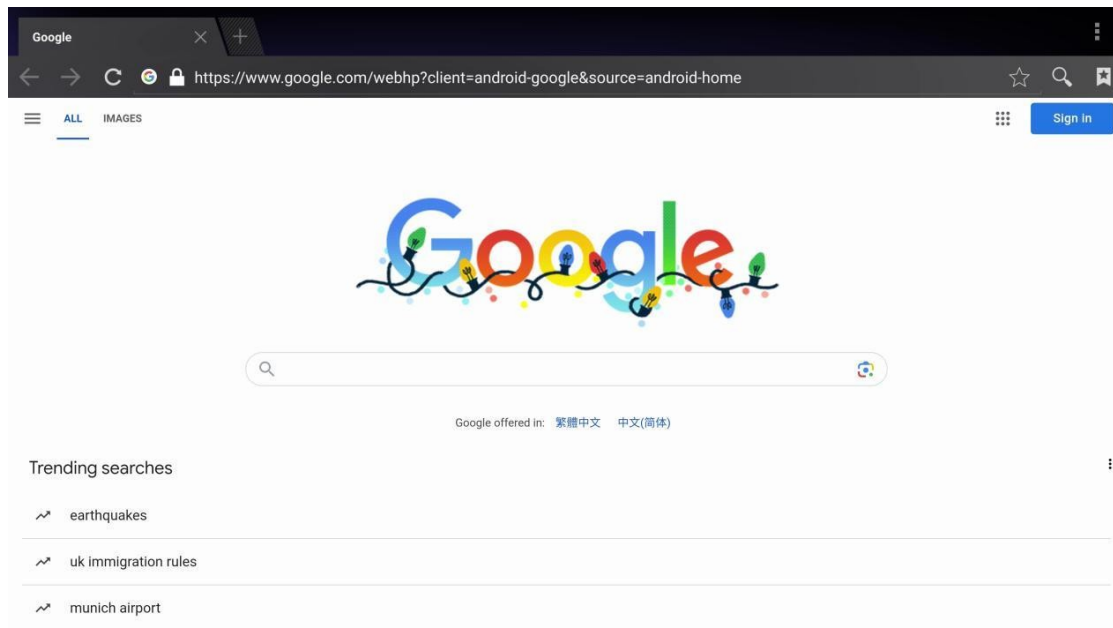
(4) Click the icon , to play music and upload up to 3 music tracks locally.



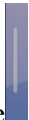
2.3 Browser

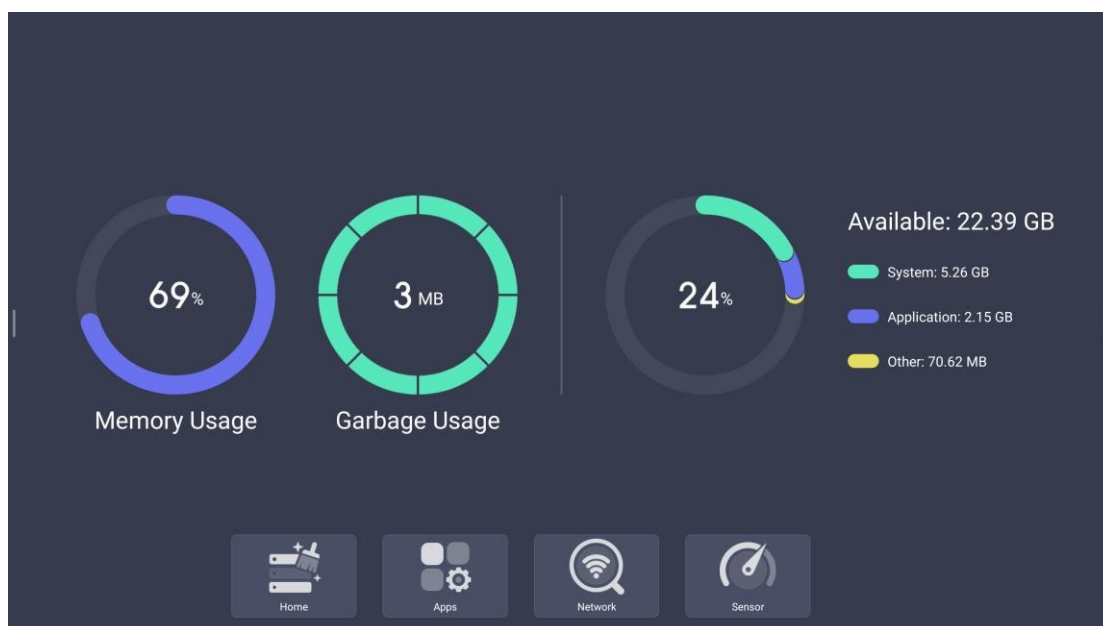


Click the main interface icon , to access the browser application.

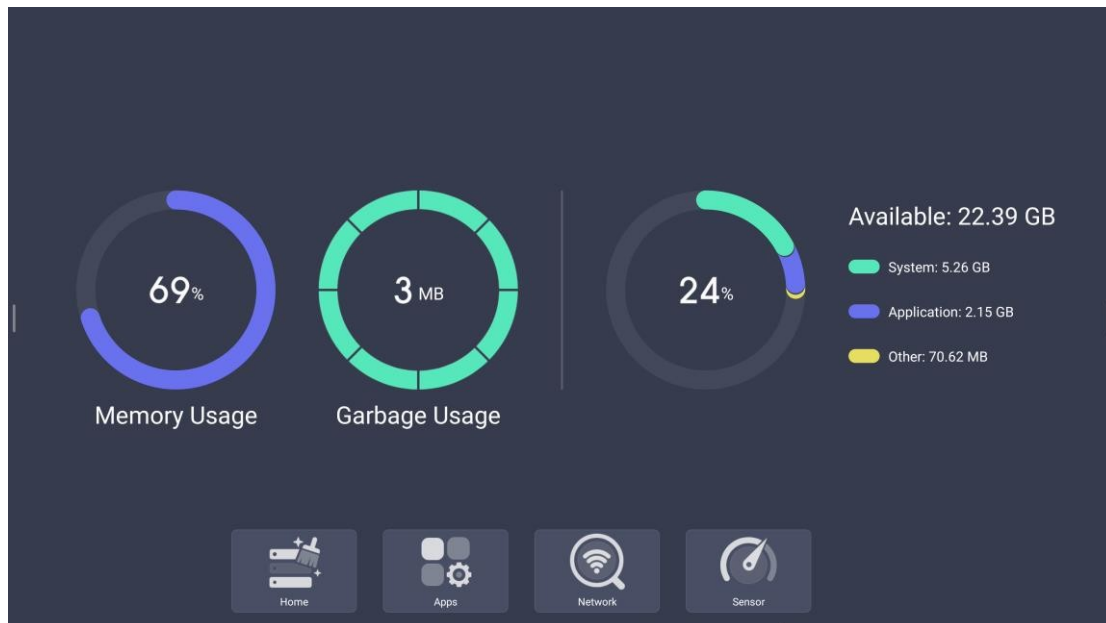


2.5 Keeper

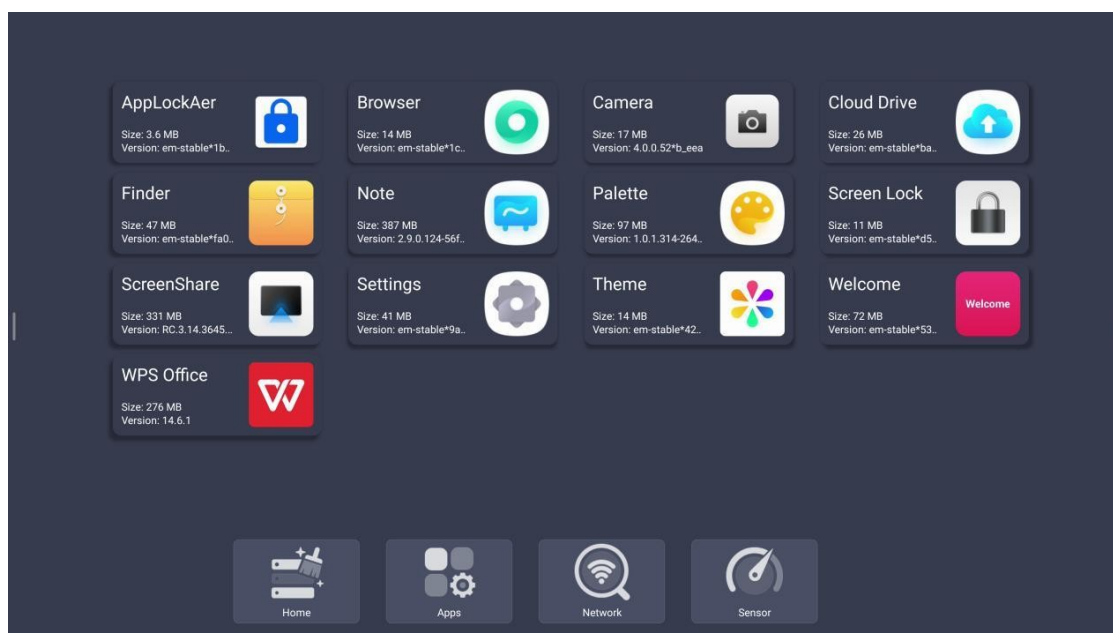
Click the  icon (left or right) -> click the  icon -> click the  icon to enter the Keeper application.



(1) Click the home page icon as



(2) Click the application icon to view as

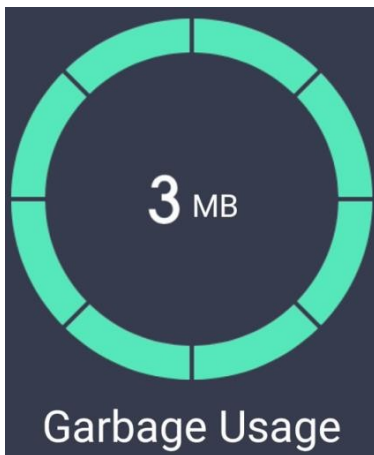


Click the icon to view version information.

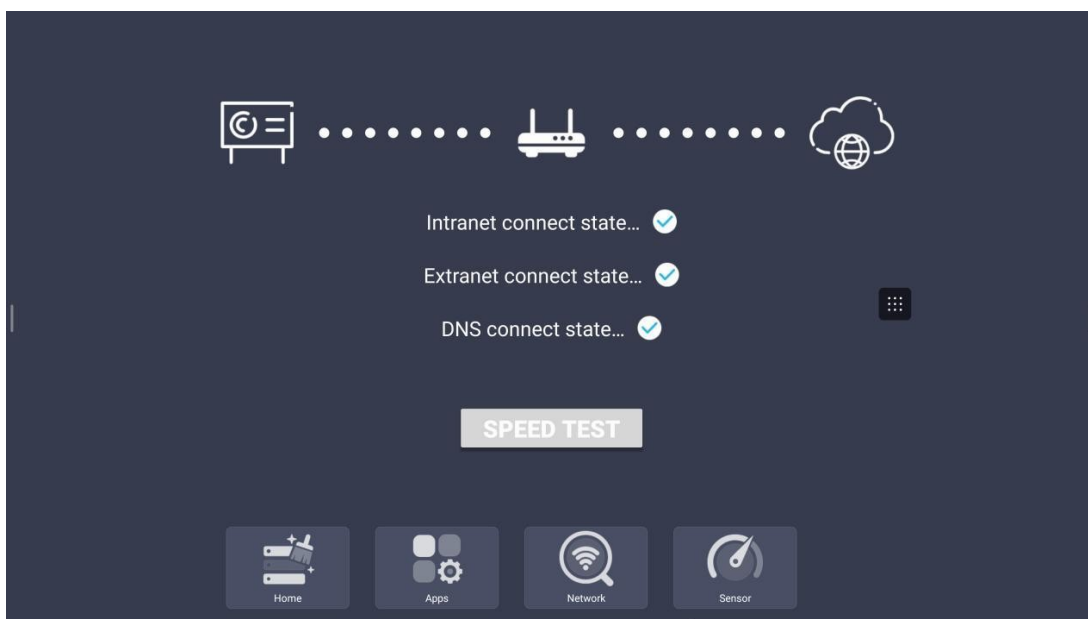
(3) Click to automatically clear useless files.



(4) Optimize memory and clean up junk with one click.



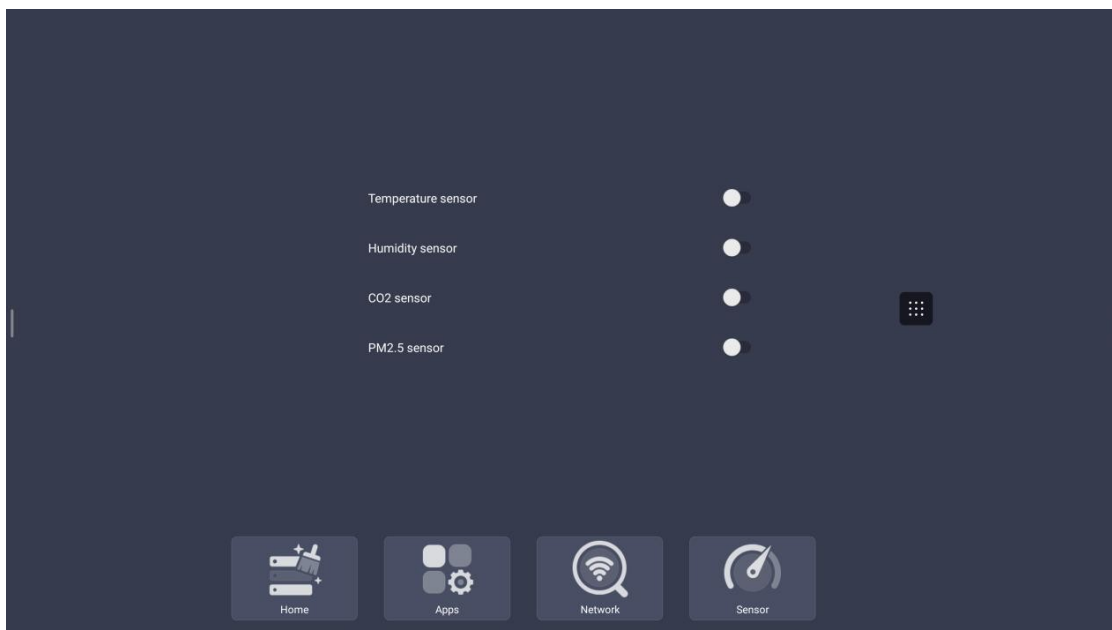
(5) Click the network icon to display the network status, and then click the



Click the network speed measurement button again to display the current network fluctuation.



(6) Clicking a sensor will display the following message if there is a sensor that can be opened



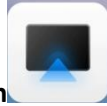
2.6 screen sharing

2.6.1 Introduction to the function

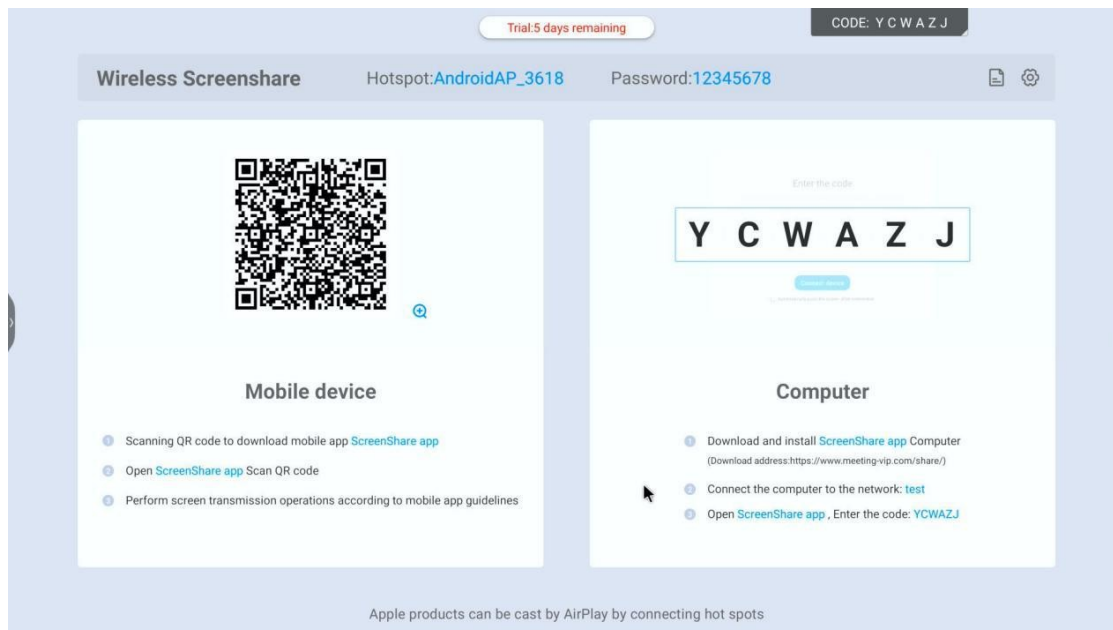
The main function of the application is to display the contents of cell phones, tablets or computers on the all-in-one conference device via wireless transmission and the actual implementation of the device's wireless screen transmission function

display and display device (note: cell phones, tablets or computers must be on the same LAN as the conference tablet).

2.6.2 Instructions



Click the main interface icon, to access the main application interface.



User Manual:

- After connecting your cell phone or tablet, scan the code to download the client and install it. (IOS system does not need to install the client); The computer downloads and installs the screen transfer assistant client according to the download address.
- After installation, the device and MFP share the same network. The screen can be transferred by opening the screen transfer assistant of an Android cell phone to scan the QR code. The screen can also be transferred by opening the connection device AirPlay of an Apple cell phone. The screen can also be successfully transferred by entering the screen transfer code on the computer.

2.6.3 file sharing

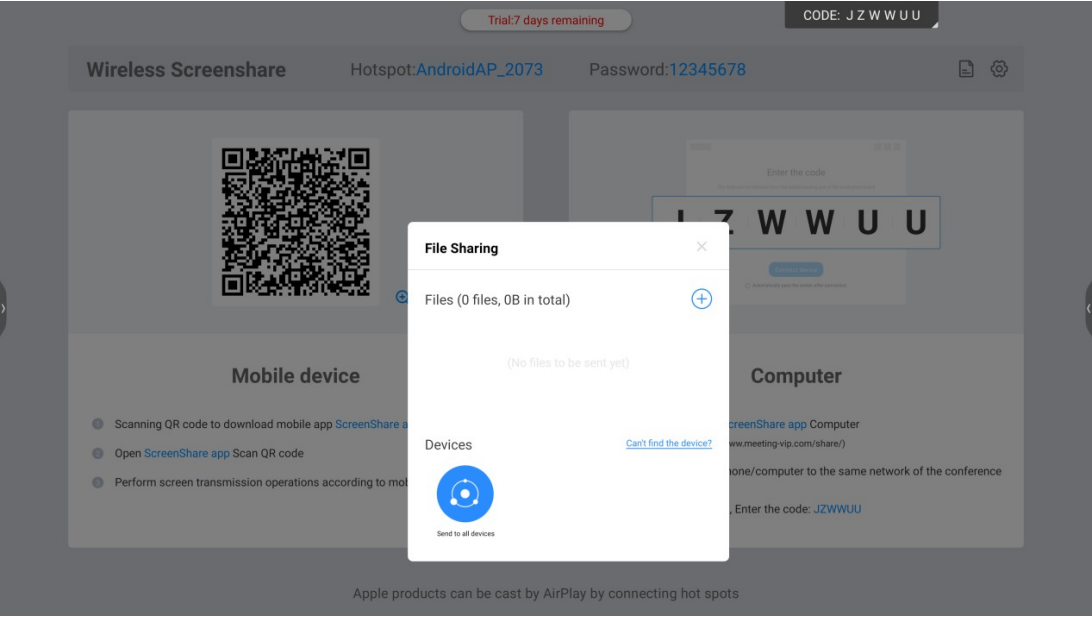
Click the icon to go to the file sharing interface, share the file with the connected device and click the icon to upload the local file.

2.6.3 file sharing

Click the

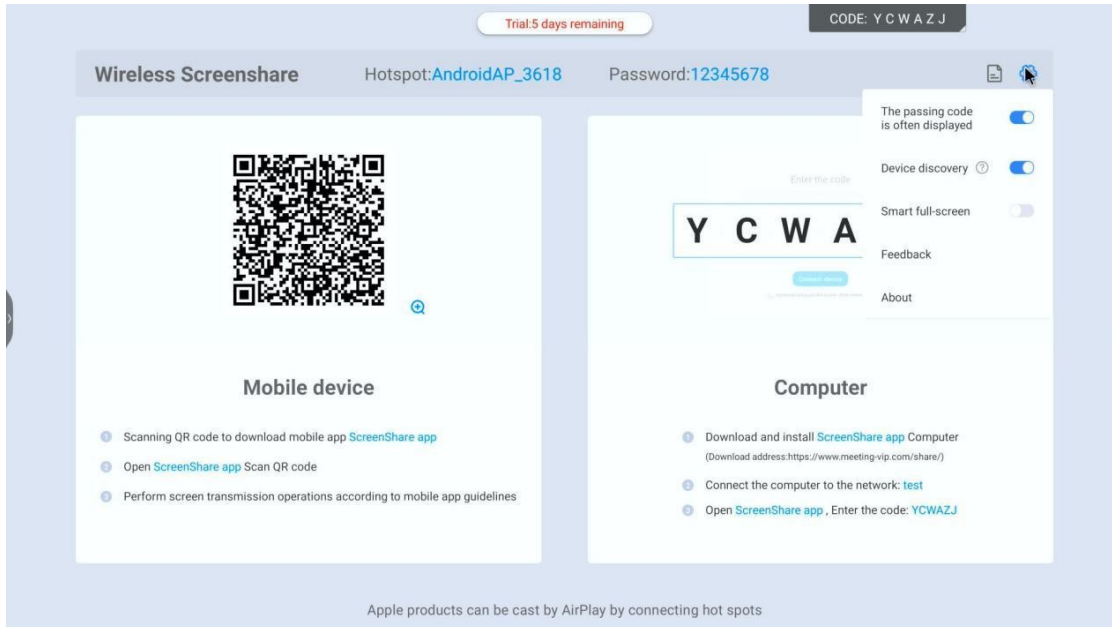
icon  to enter the file sharing interface, share the file to the connected device, and

click the icon  to upload the local file.



2.6.4 Settings

Click the icon , to expand the settings window, which can open and close the screen code display, device visibility, intelligent full-screen function, and can also display problem feedback and view application information.



2.7 Cloud controller

Click  icon (left or right mouse button) -> click  icon -> click  icon, enter the cloud driver application. First, it will be displayed that the cloud drive has been added. If there is no cloud drive, you can add a cloud drive account.

Click  icon (left or right) -> click  Click theme, enter theme application

Click the thumbnail of the theme to display the large image.

Click "select" to set it as a theme.