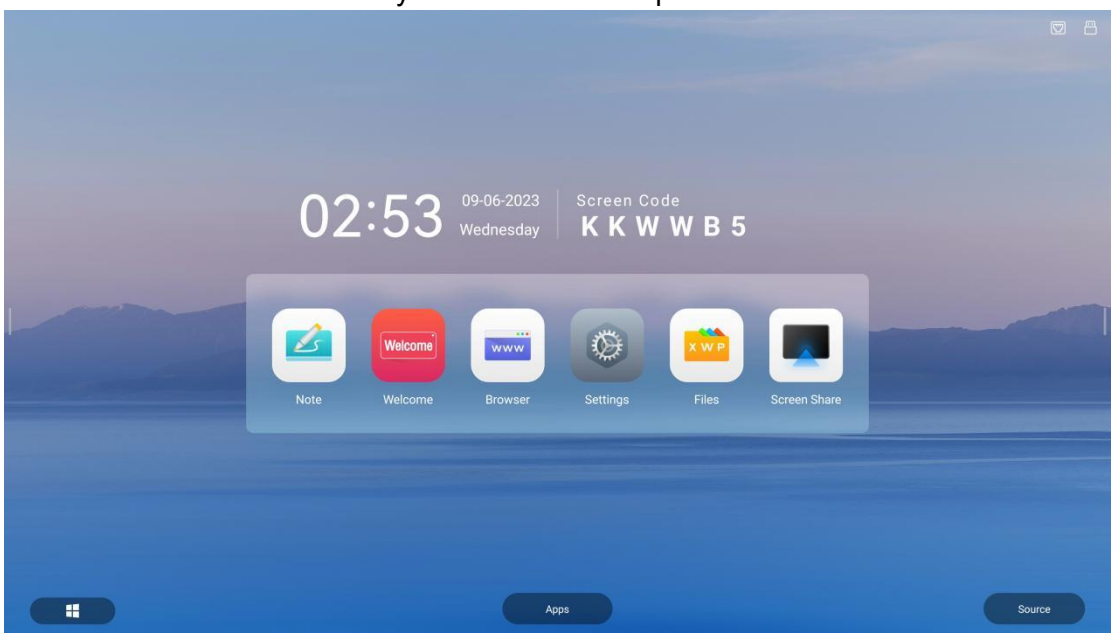
CVTE
Dream·Future

Operation Introduction for Education OSD

Chapter 1 : System description

1.1 System home page

Enter the main interface by default after startup

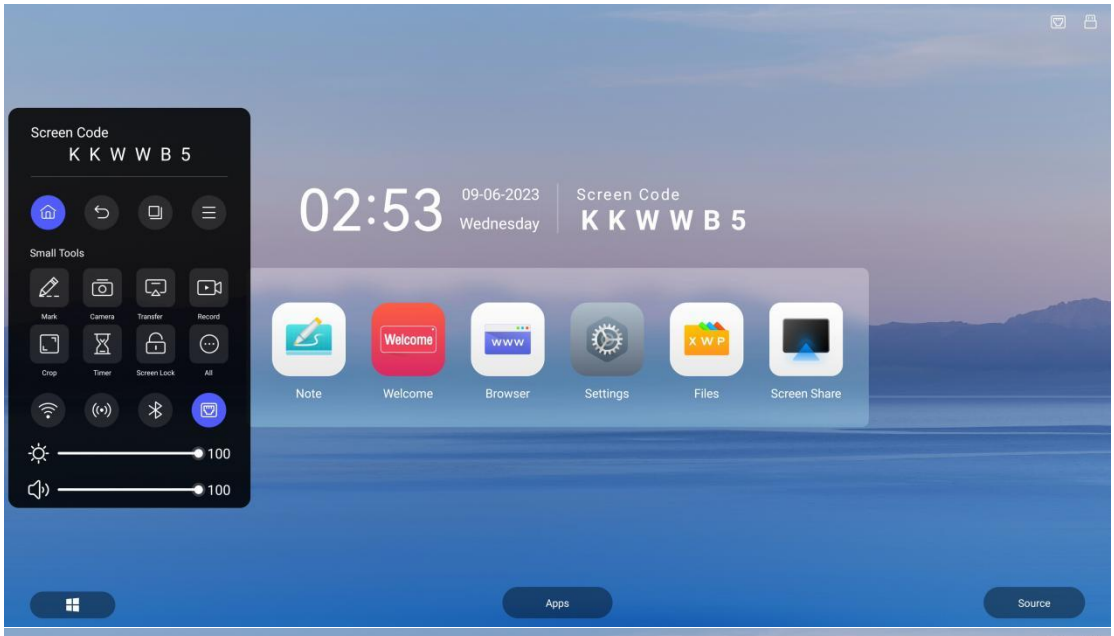


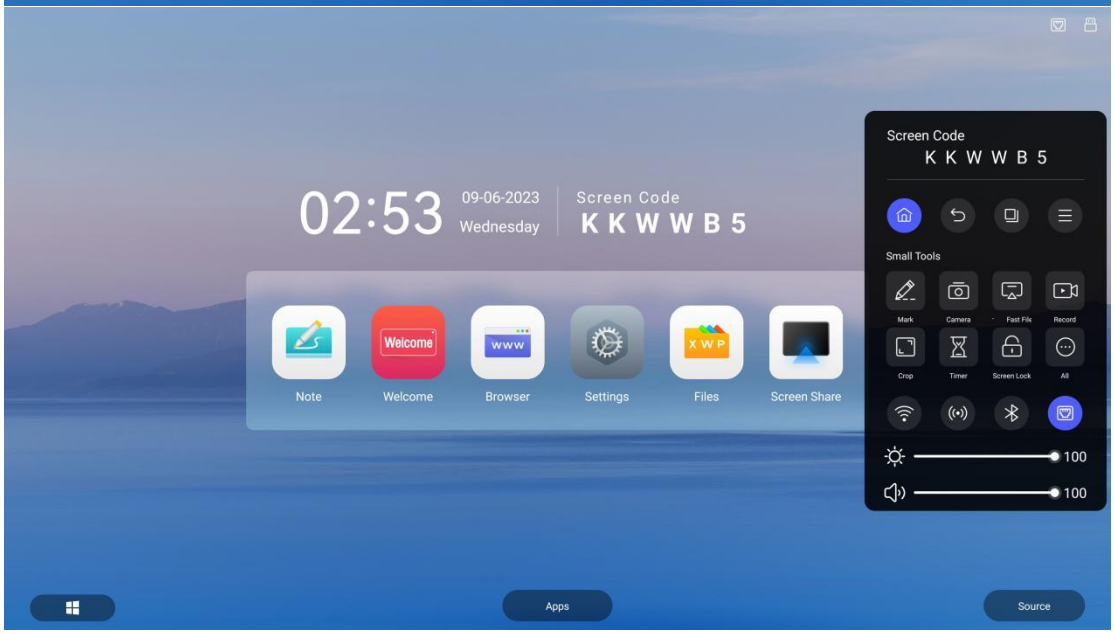
(1) No screen code is displayed at the top
(2) There is an OPS entry in the lower left corner

1.2 Sidebar

1.2.1 Function introduction

The sidebar is divided into left and right sidebars. Click the icon suspended on the left/right side of the screen to bring up the sidebar. The expanded function keys are home, back, task process, signal source menu, and small tools in sequence、WIFI, hotspot, Bluetooth, wired network, and brightness and volume progress bars.





1.2.2 Navigation bar

1. return

Click icon , return or exit the current program.

2. home page

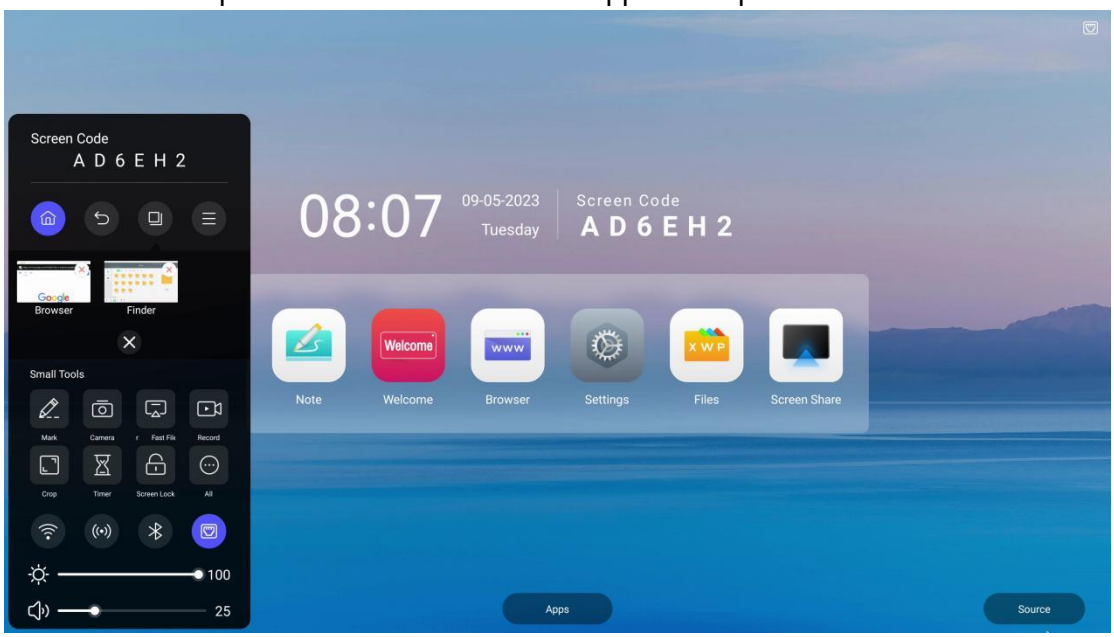
Click icon , enter the main interface of the system.

3. process

Click icon , enter the process management interface, and you can choose to enter or close the application.

（1）When there is no application process in the background, prompt "No windows available".

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



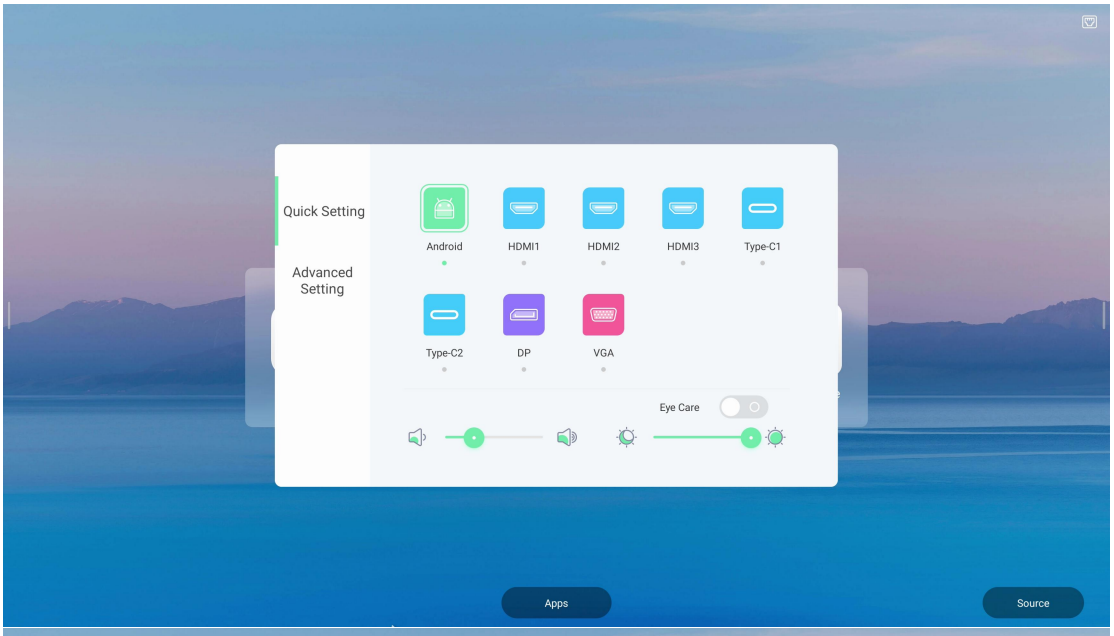
（3）Touch and drag the process thumbnail to slide left or right until it slides out of the process list area Release the thumbnail to close the application process.

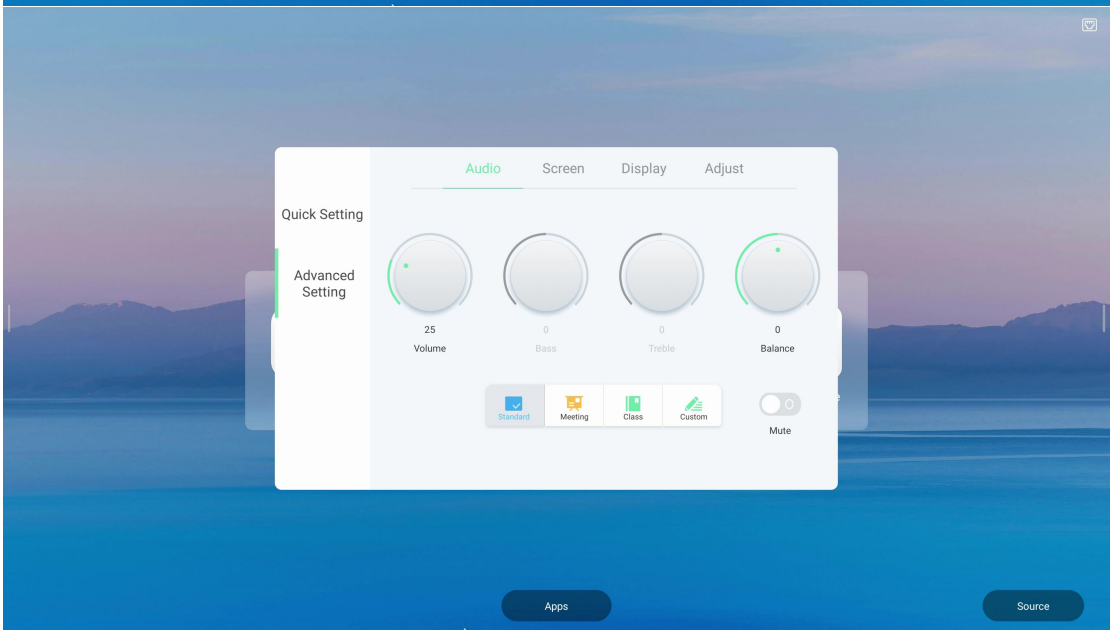
（4）Click the process thumbnail to enter the application process.

(5) Click the X button to clean all the background.

4.menu

Click the Icon to enter the main screen of the menu.





1.2.3 shortcut

1. Whiteboard

   Click icon , Enter whiteboard application,This is a shortcut.

2. Finder

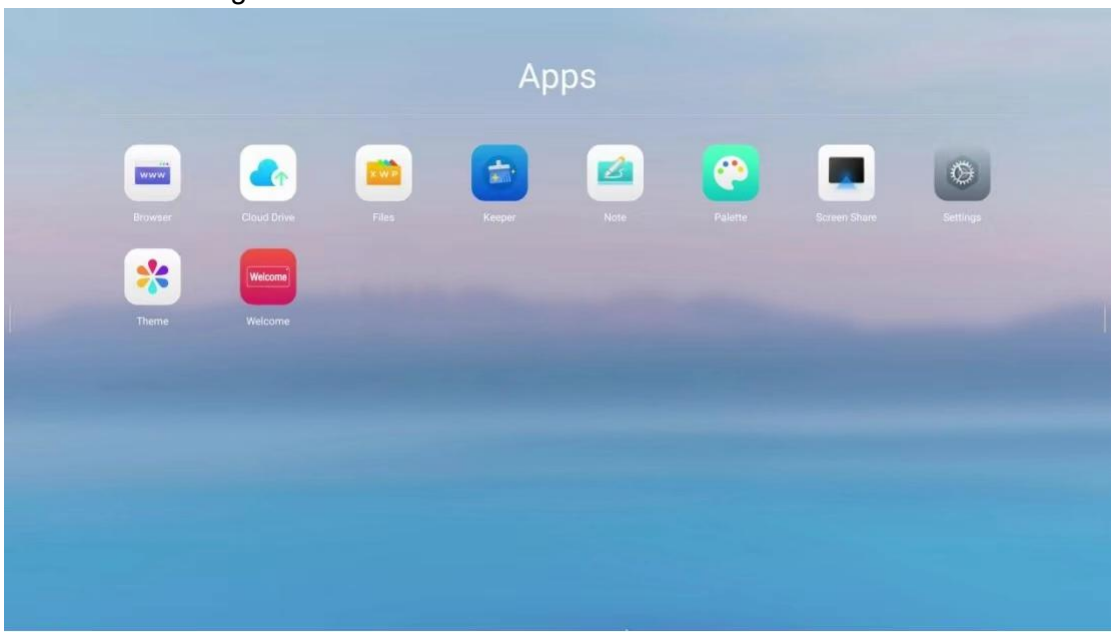
   Click icon , enter finder application，This is a shortcut。

3. More applications

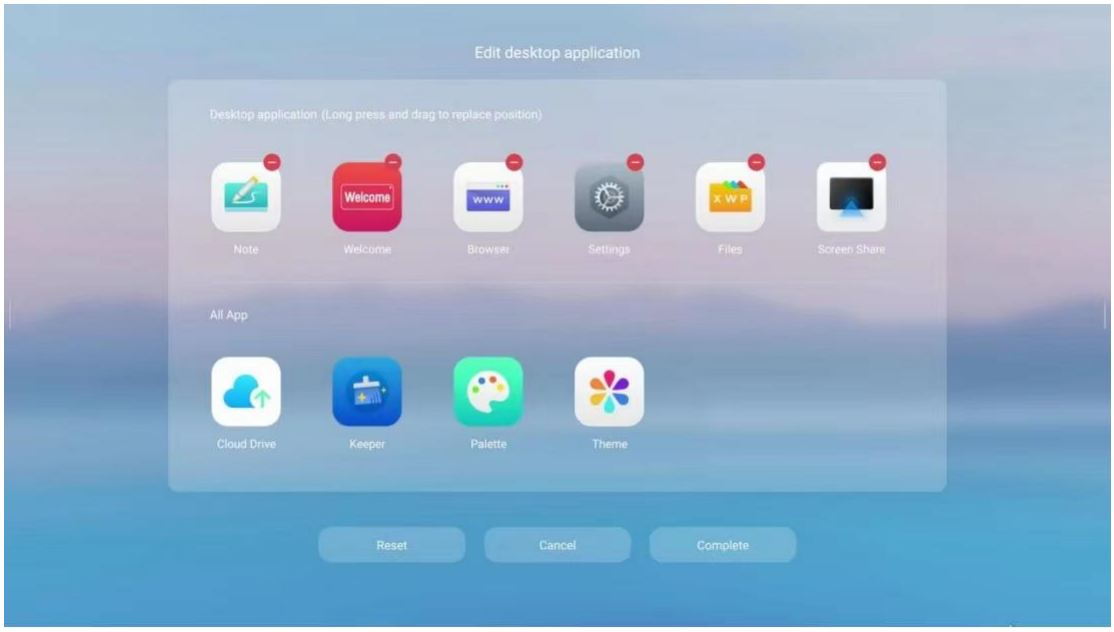
   Click icon

, More application interfaces pop up, including operation guide, welcome interface, quick whiteboard (whiteboard writing), browser,

tablet manager, Settings, file browsing, wireless screen transfer, cloud disk and theme and other system applications, these applications will be detailed in the second, software description, users can view or open the system application in this interface, as shown in the figure:



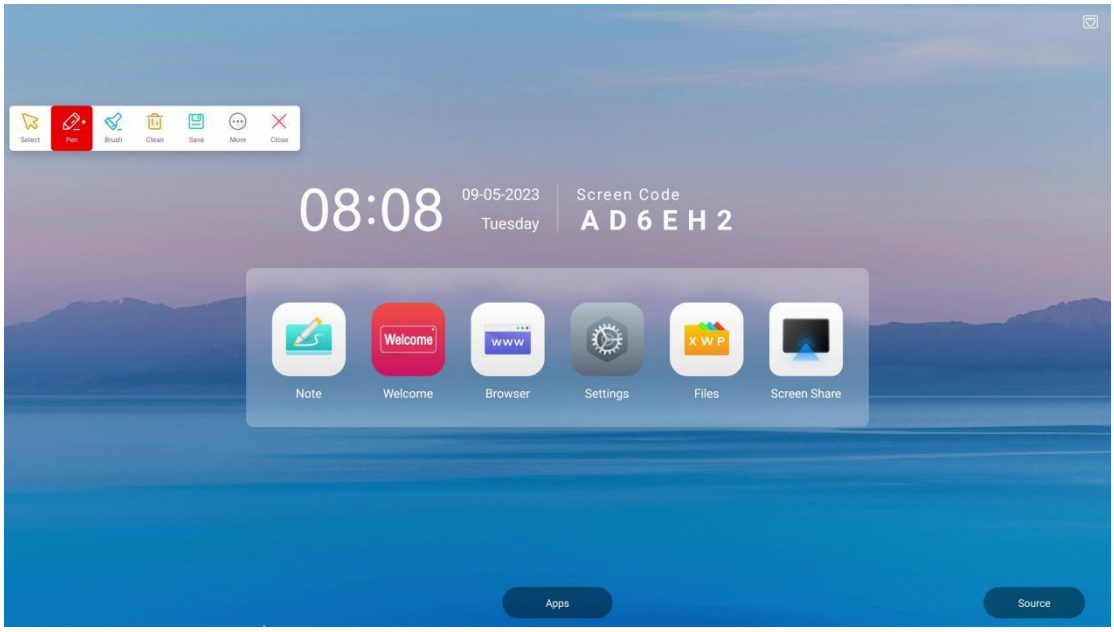
You can create a shortcut by touching and dragging the application icon to the sidebar, and dragging the application icon in the sidebar will prompt you to delete the shortcut. Click the prompt message to delete the application shortcut, which can be recreated.



1.2.4 annotation

The annotation mode can increase the user's reading experience. In this mode, the user can scribble and annotate freely in the interface according to the user's idea, so as to facilitate communication and explanation between users.

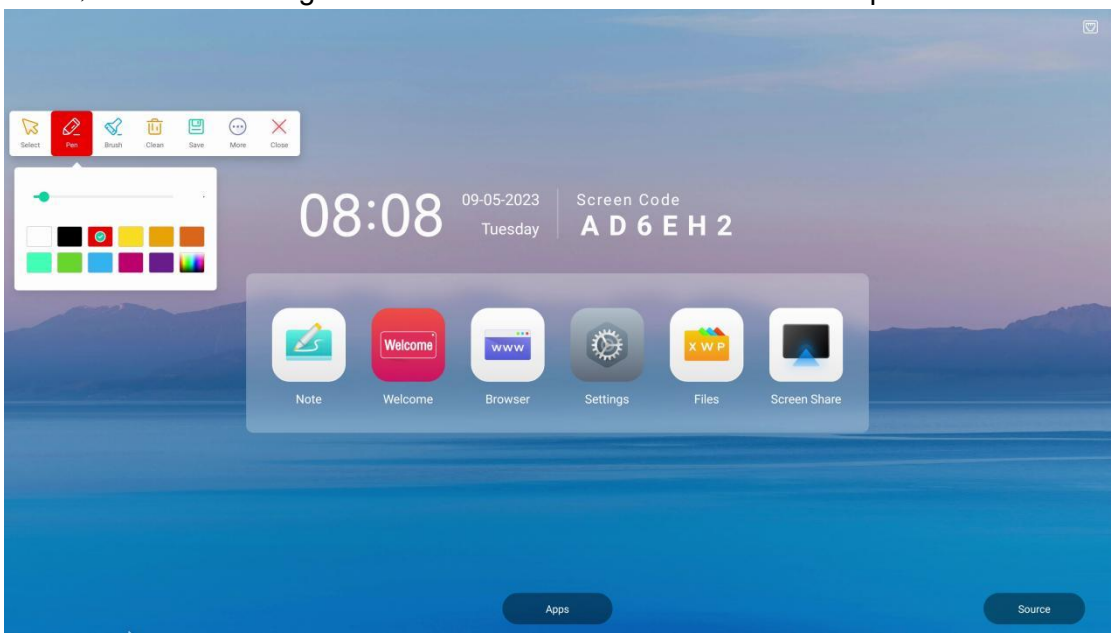
Click icon (left or right) —> click icon , You can enter the annotation mode



Function description：

（1）Annotate

：This function is used by default when entering annotation mode，click the icon again to select the thickness and color of the pen



（2）Brush

：Will not completely cover the original content, highlight the content.

（3）Clean

：Click the icon can clear all writing traces in the interface and return

to the original state after do that.

（4）Select

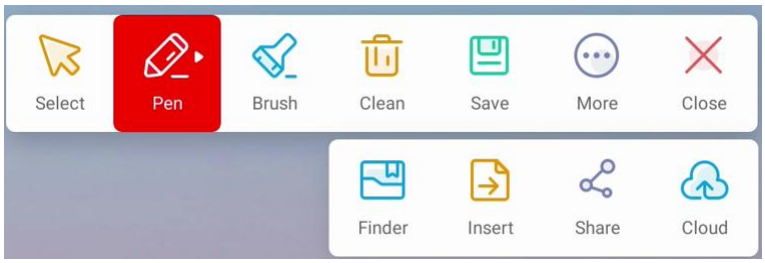
：click the icon, exit the annotation mode and prompt to save the annotation content. Touch to resume normal operation, and the annotation function bar will not disappear.

（5）Save

：click the icon can save the current annotation content to PNG file.

（6）More

：click the icon call out



a. Finder

：Click the icon to open the file browse and directly jump to the annotation file saving directory.

b. Insert

：Click the icon to insert the current annotation content into the whiteboard application.

c. Share

：Click the icon to generate a QR code. Users can scan the code to download the current annotation file, also share the file by sharing the QR code.

d. Cloud

：Click the icon to call up the cloud disk account list and upload the current annotation file to the cloud disk. If the list is empty, click to add a cloud disk account.

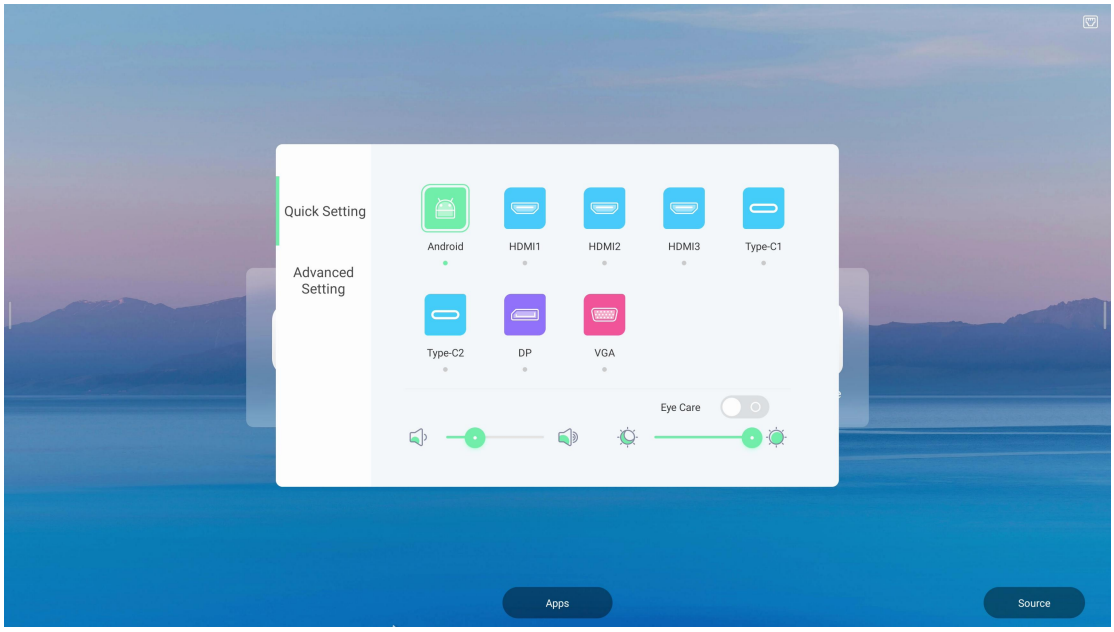
（7）Exit

：Click the icon to exit the annotation mode.

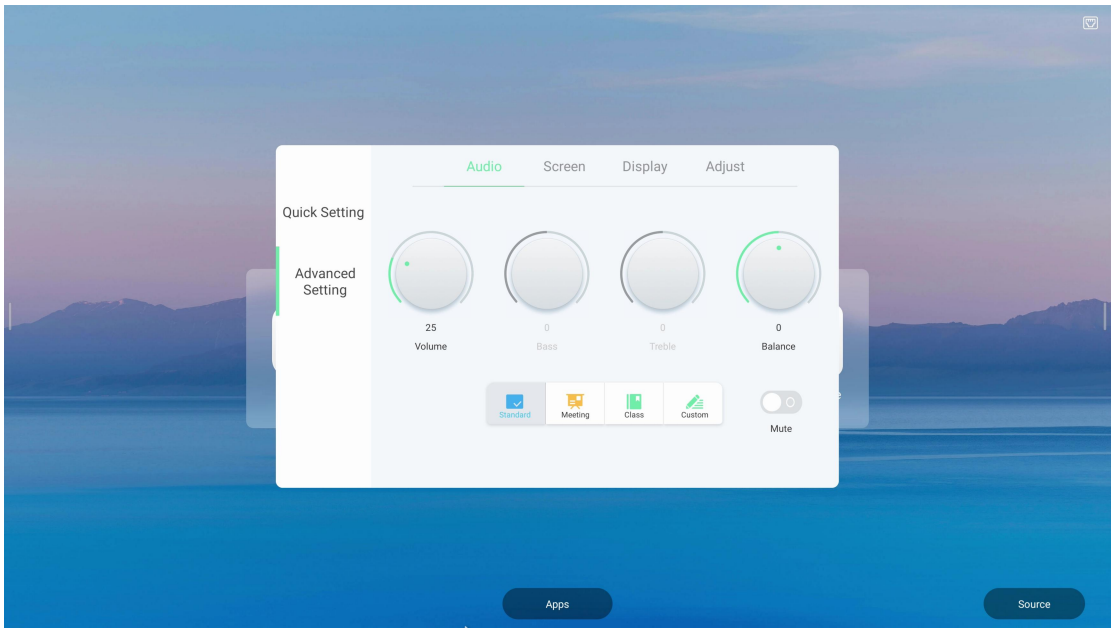
1.2.5 settings

Click the icon to open the settings. There are two columns: Quick Setting and Advanced Setting.

The Quick setting interface can select signal source channel, eye protection mode, volume and brightness settings.



The Advanced Setting column is about our Audio, Screen, Display and Adjust. You can also select some specific scene modes, such as conference mode, classroom mode or custom mode.



1.2.6 more tools

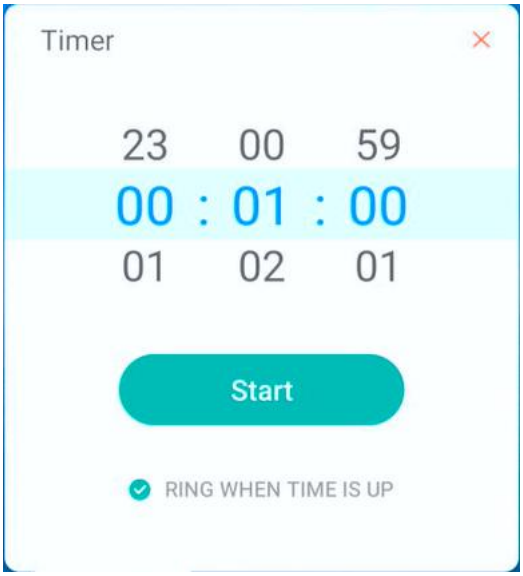
Click icon , the selection bar of more tools will open.

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.

（1）Timer

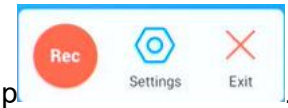
Click the icon

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.



（2）Record

Click the icon

enter screen recording mode, move position by touching and dragging the popup 

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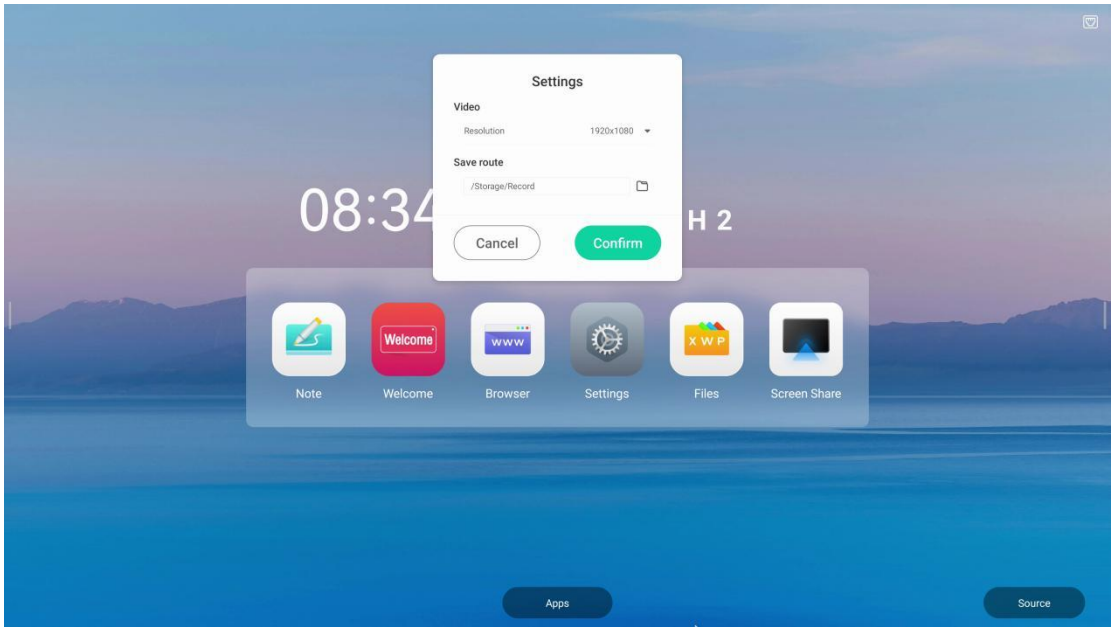
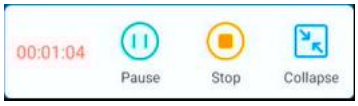
a. Click the icon

to set the resolution and path for saving the recording screen



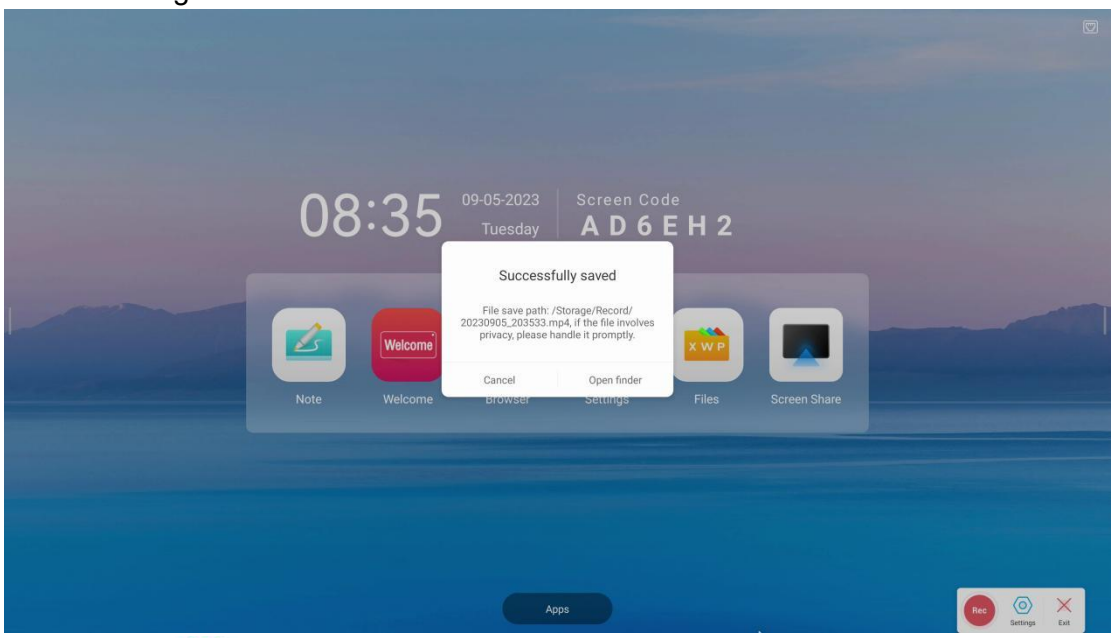
b. Click the icon

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.

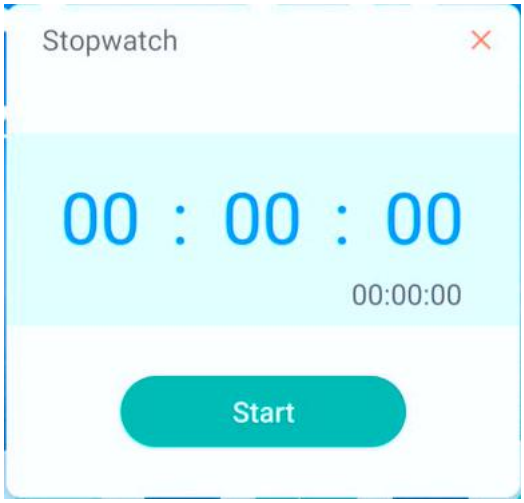


c. Click Exit to exit the screen recording tool.

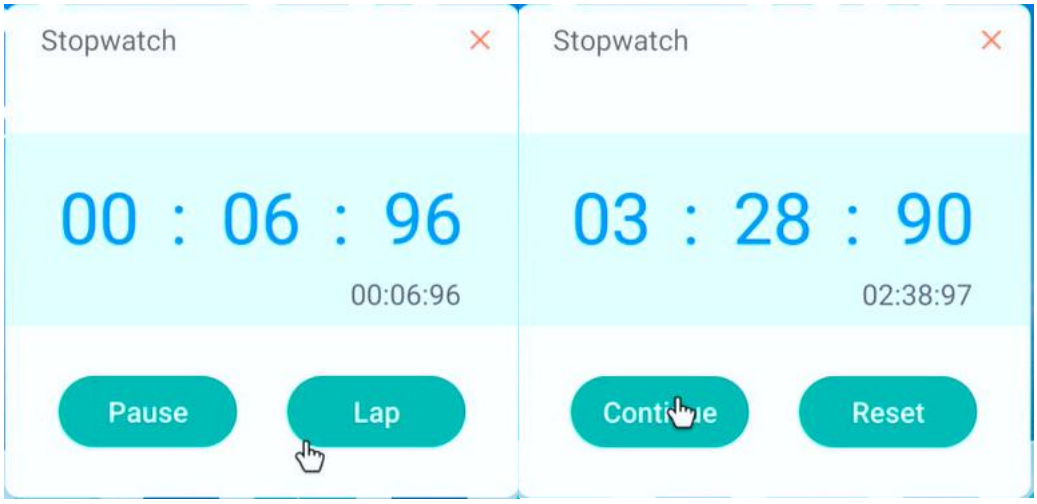
（3）Stopwatch

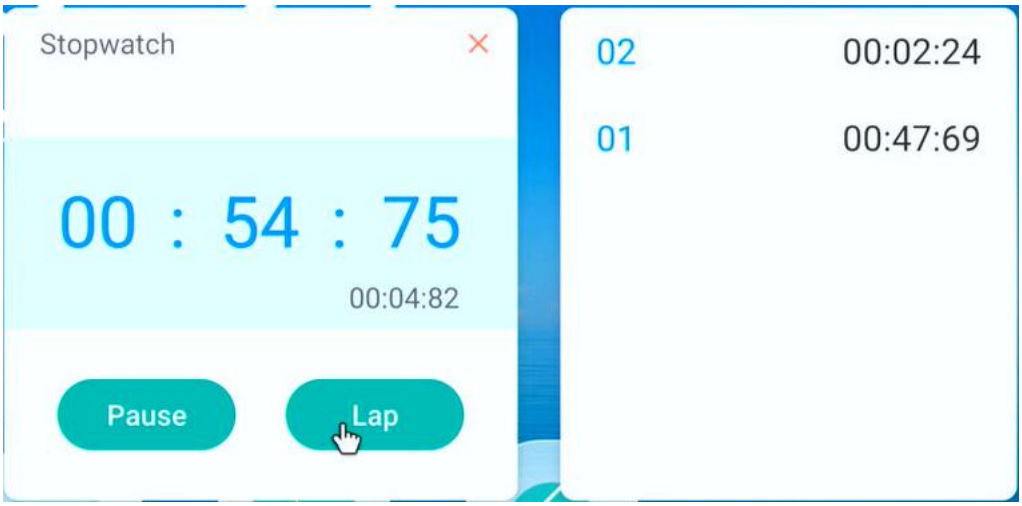
Click the icon

to enter the stopwatch tool, and click button “start” 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.

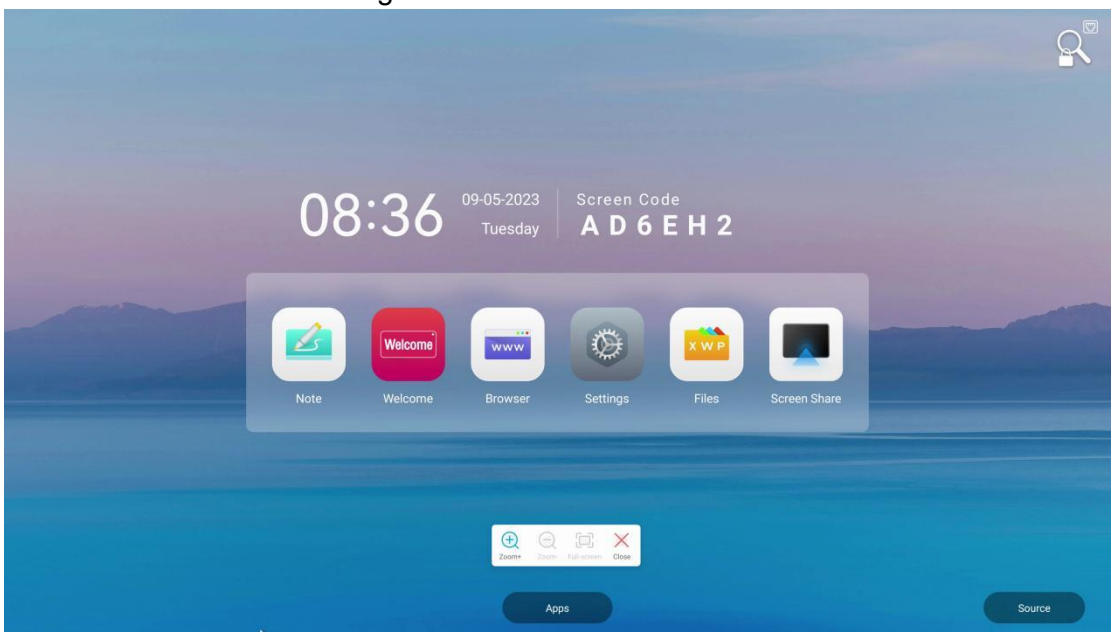




（4）Freeze

After clicking the icon

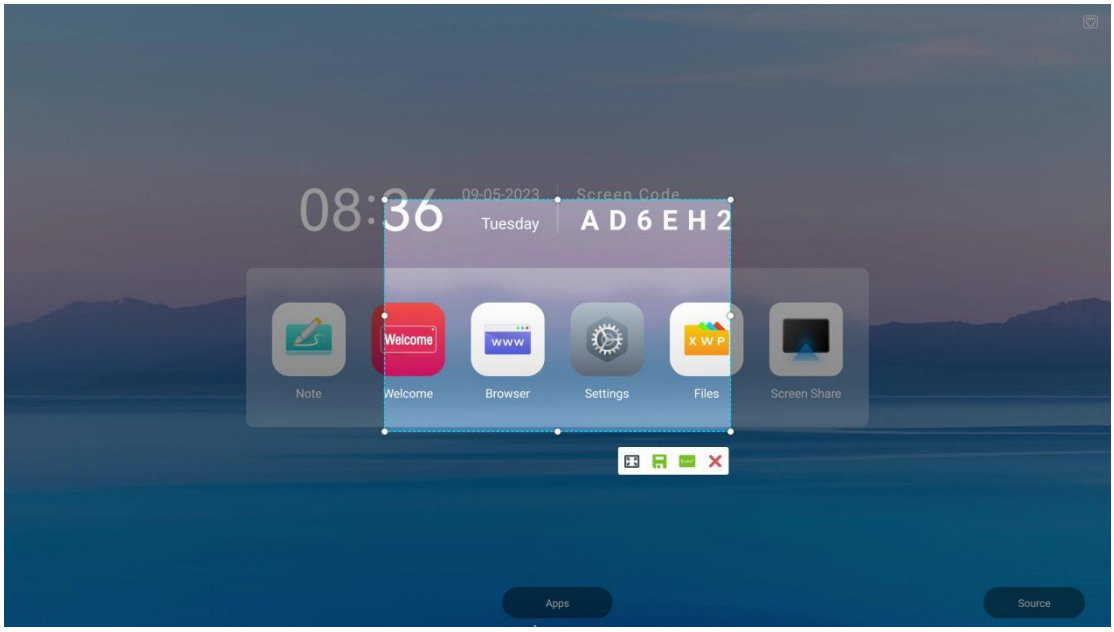
, the current interface will remain unchanged. You can zoom in or zoom out and drag to view the current interface.



（5）Crop

Click the icon

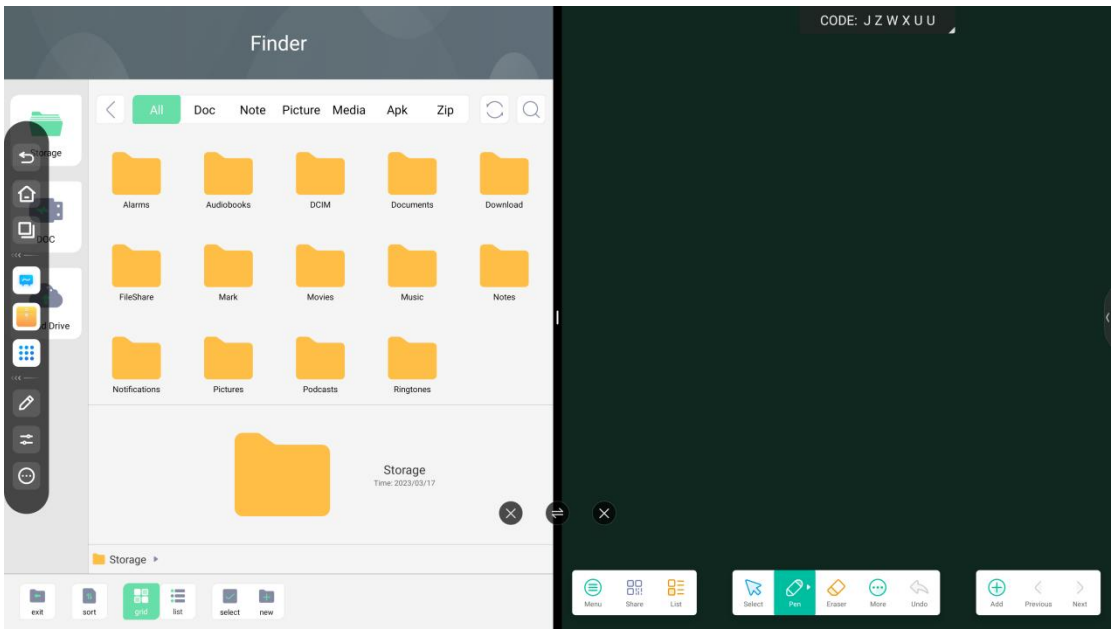
to enter the screenshot mode. Touch and drag the location and size of the screenshot box, and click to save the screenshot (the saving path will be prompted for viewing), or click to cancel the screenshot. Click to box select the entire screen, click again to restore the previous size, and click to insert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



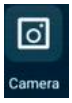
（6）Split screen

Click the icon

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.



（7）camera

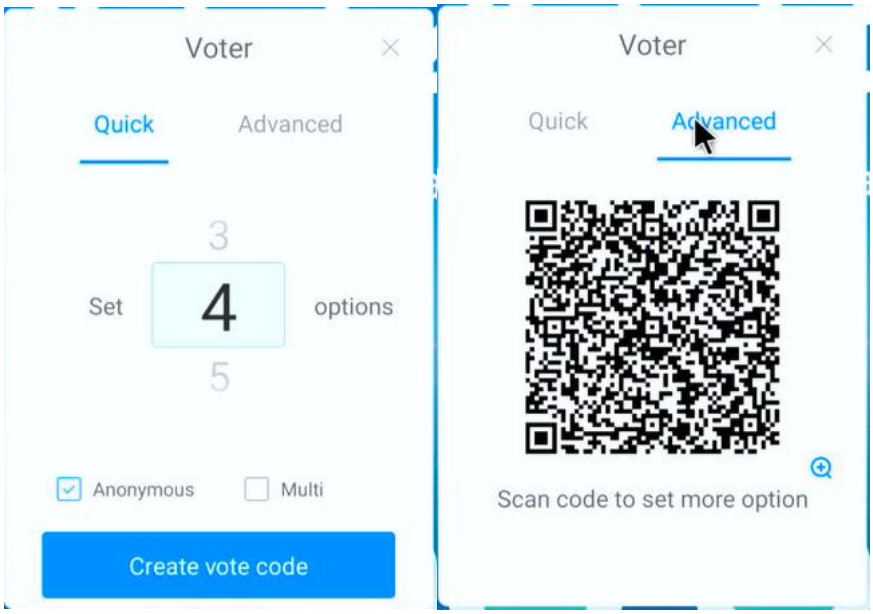
Click the icon 

to enter the camera mode and display the camera interface.

（8）Pollkit

Click the icon

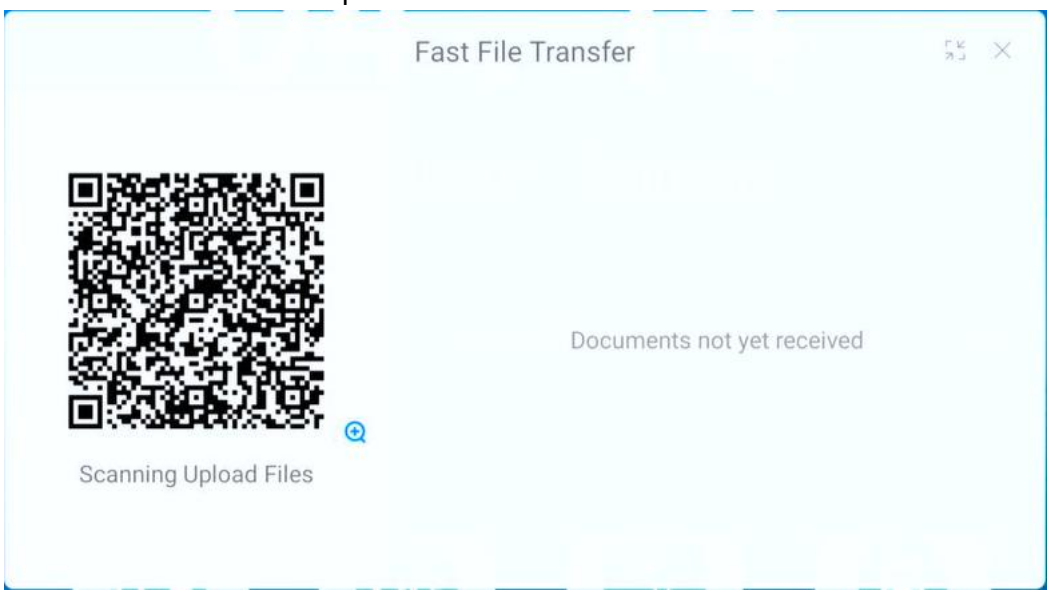
to enter the voting settings. In the quick mode, touch and drag the number to set the number of options. There are two functions to check: whether to be anonymous and whether to select multiple. After setting, the voting QR code can be generated, and the user can scan the code to vote. Advanced mode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



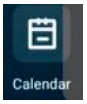
（9）Fast file transfer

Click the icon

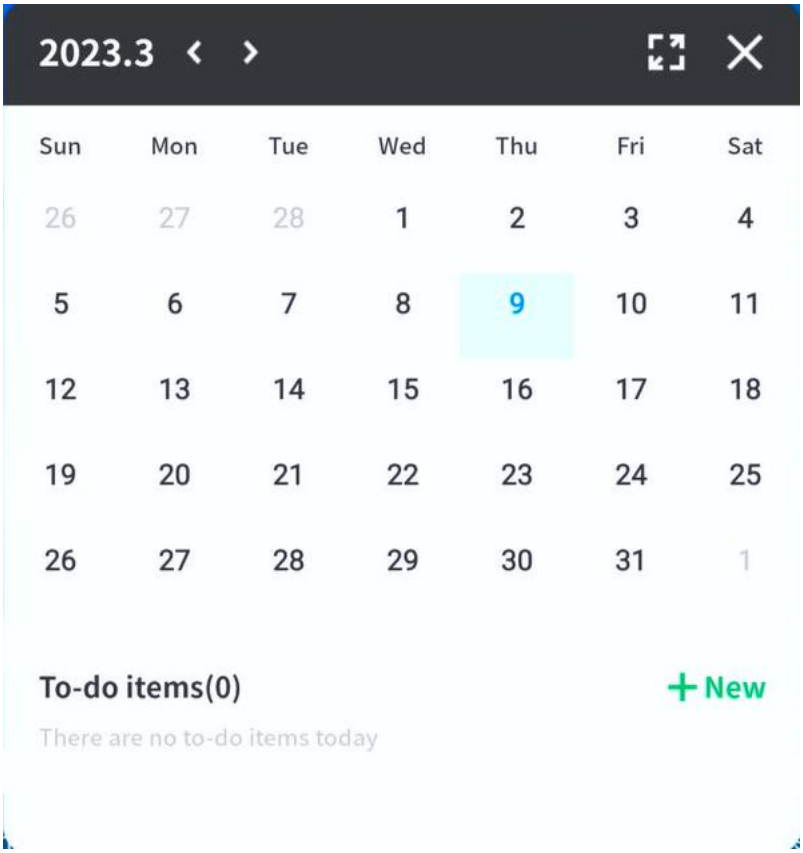
to open the file fast transfer tool, which will generate a QR code for users to scan and upload files.



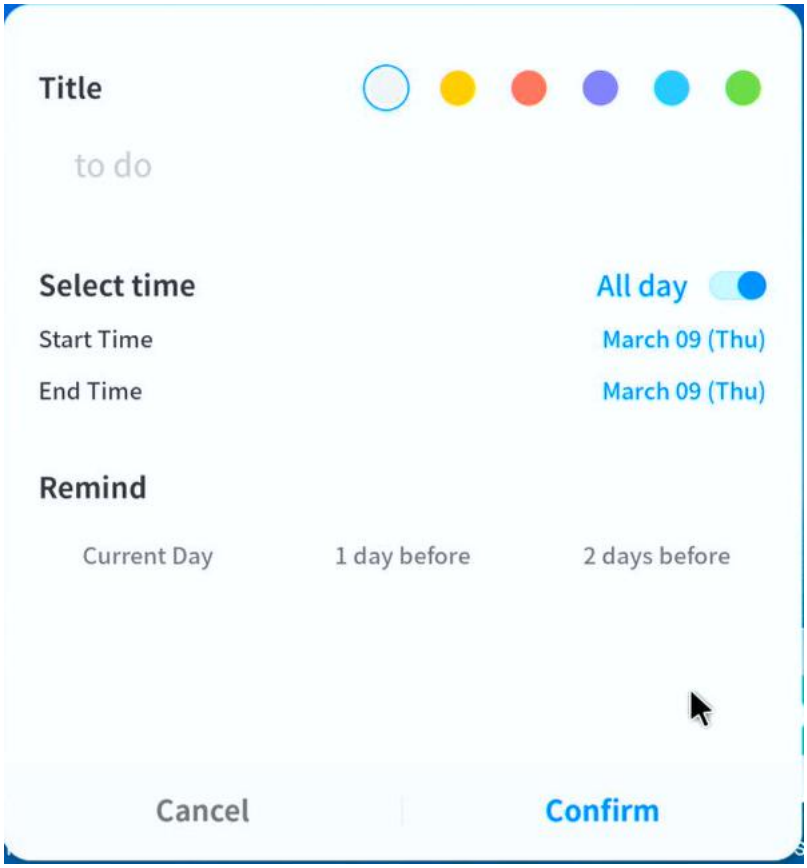
（10）Calendar

Click the icon 

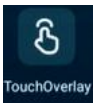
to enter the calendar tool to view the perpetual calendar



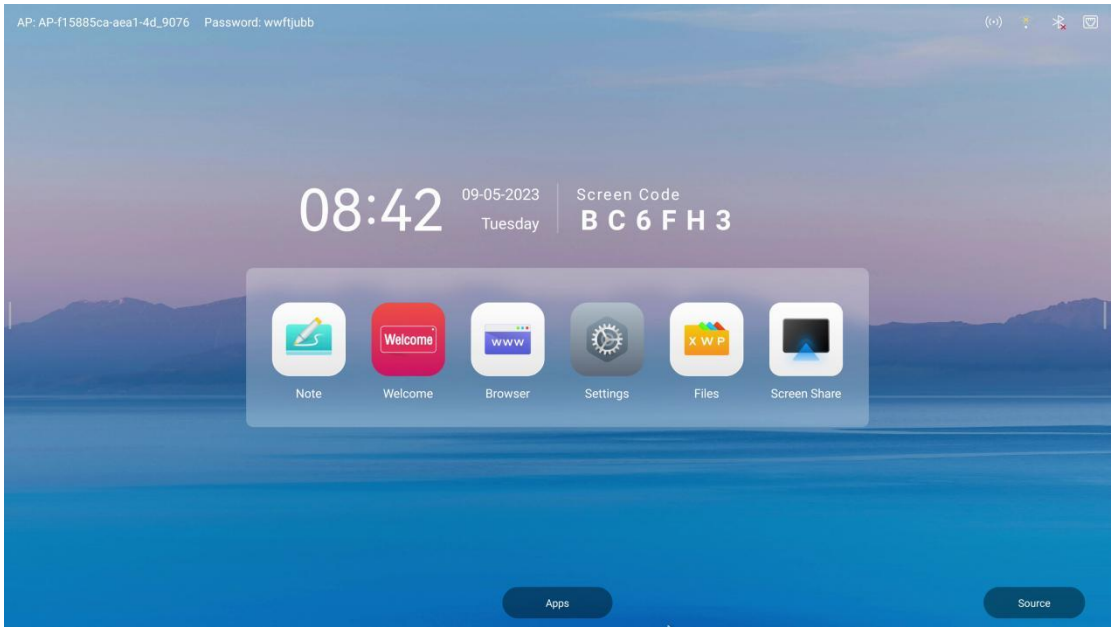
You can also view and create new to-do items by click + New. The time is set by touching and sliding the date.



（11）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.



（12）ScreenLock

Click the icon

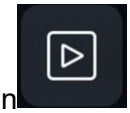
to lock the screen. You need to set the lock screen password. When you wake up the screen, you need to enter the lock screen password.

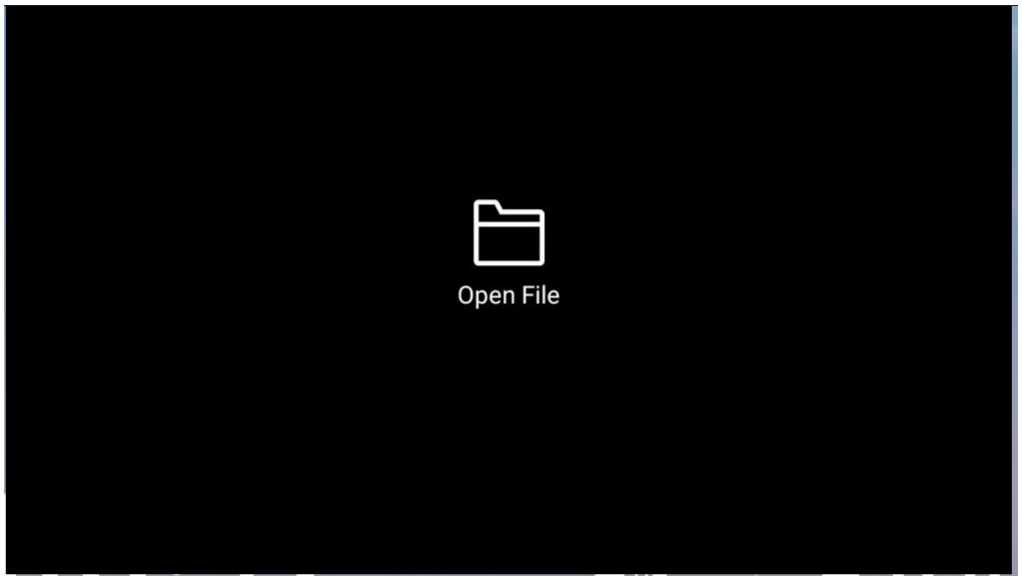
（13）Calculator

Click the icon

to enter the calculator tool.

（14）Miniplayer

Click the icon  The player page is displayed

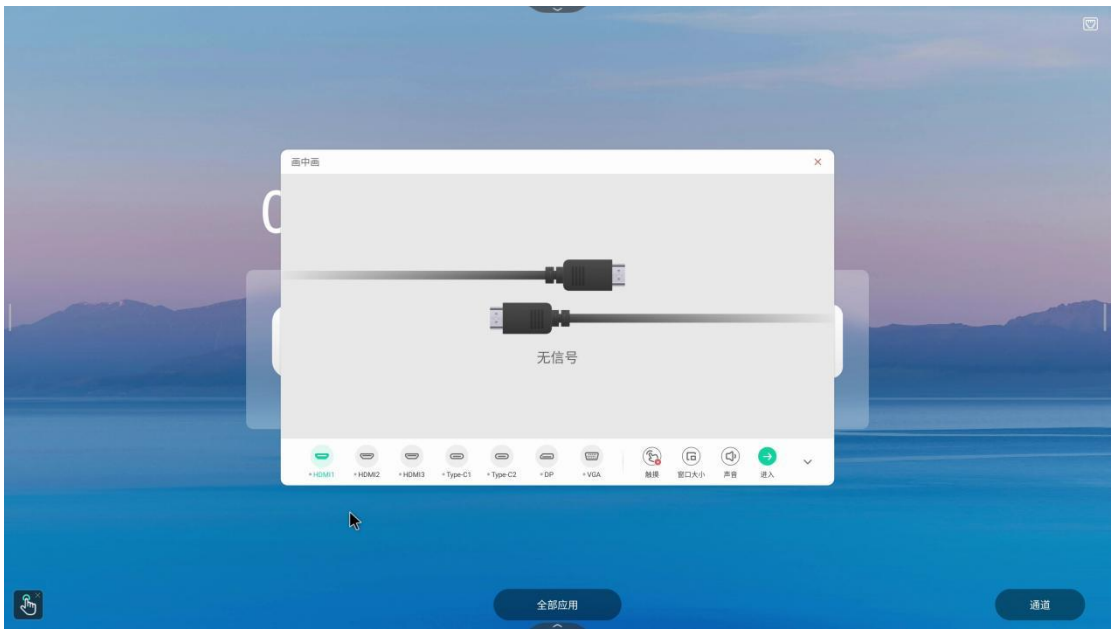


（15）Weather manager

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

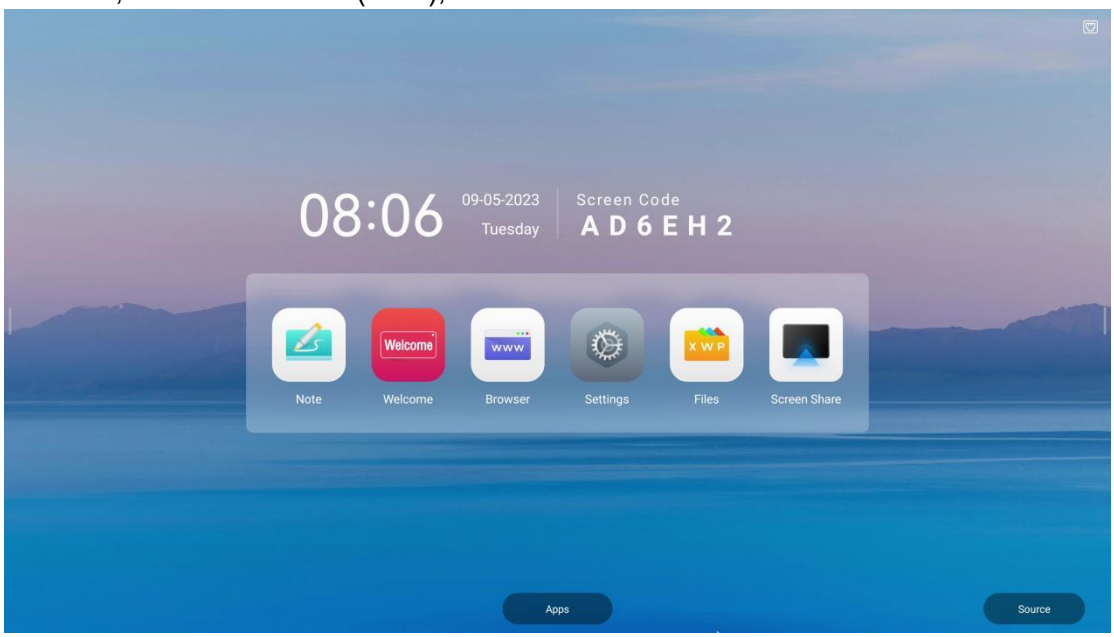
（16）PIPpicture within picture

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. Display 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 setting interface. This icon can also indicate the hotspot switch status, which is currently turned on.

（2）click ：Enter the Ethernet setting interface. This icon can also indicate the Ethernet connection status, which is not currently connected.

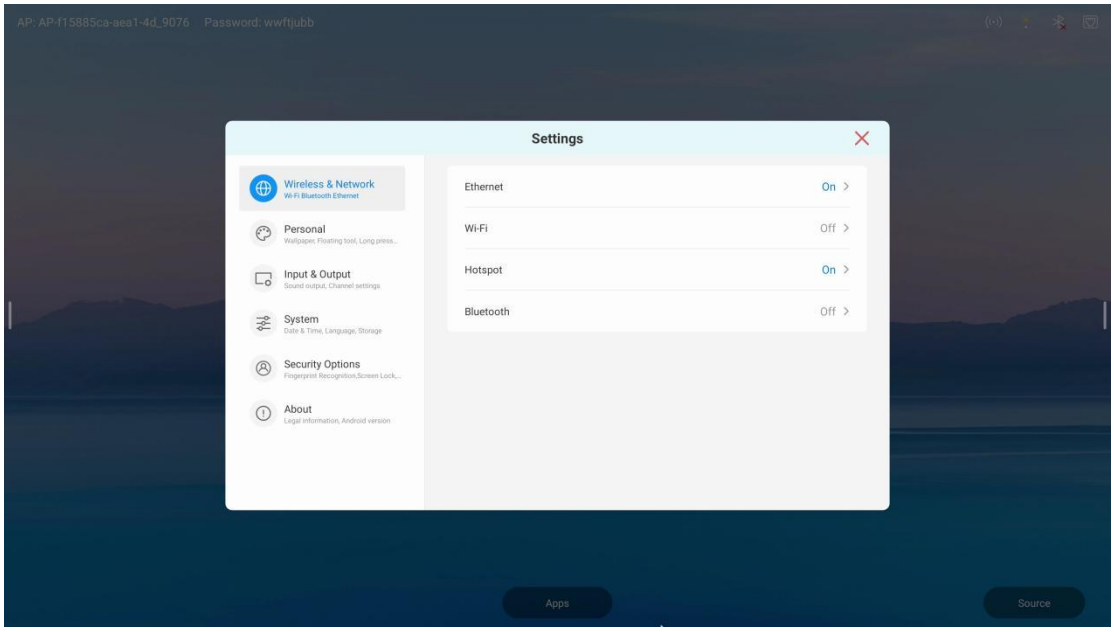
（3）click ：Enter the WIFI setting interface. This icon can also indicate the WIFI connection status, which is currently connected.

（4）Click: to enter the Bluetooth Settings interface, this icon can also indicate the Bluetooth connection status, currently not connected.

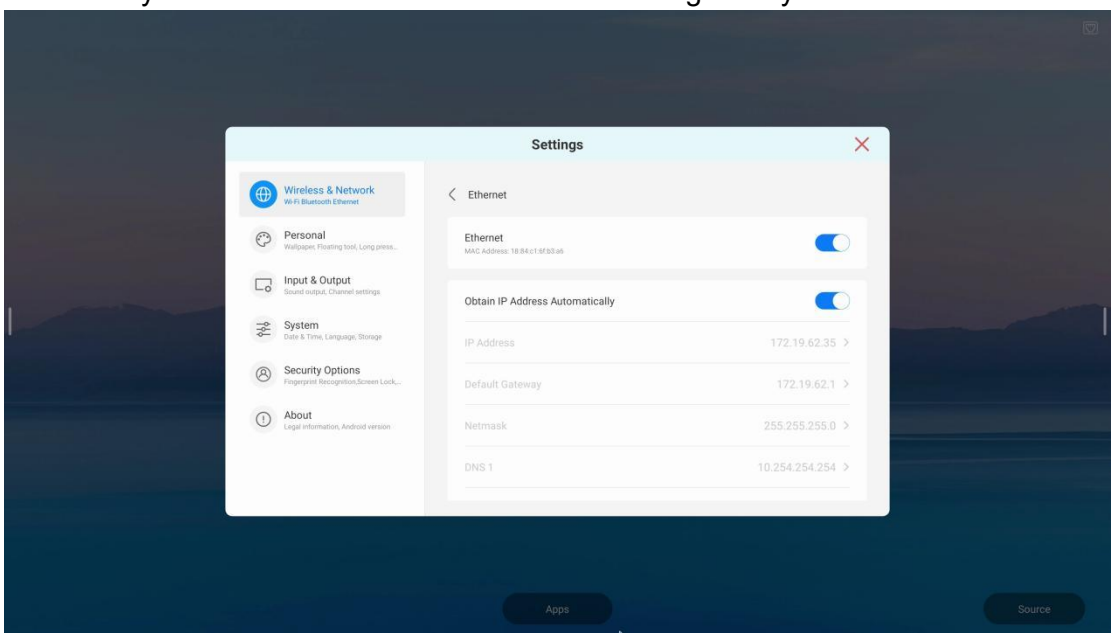
1.4 System settings

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

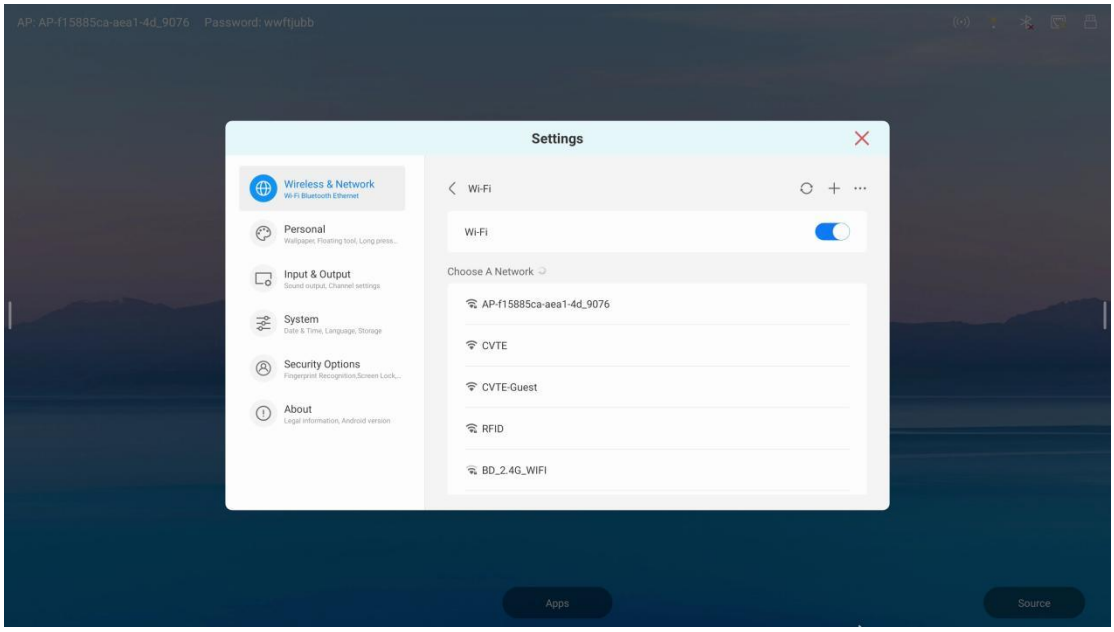
1.4.1 Wireless and network



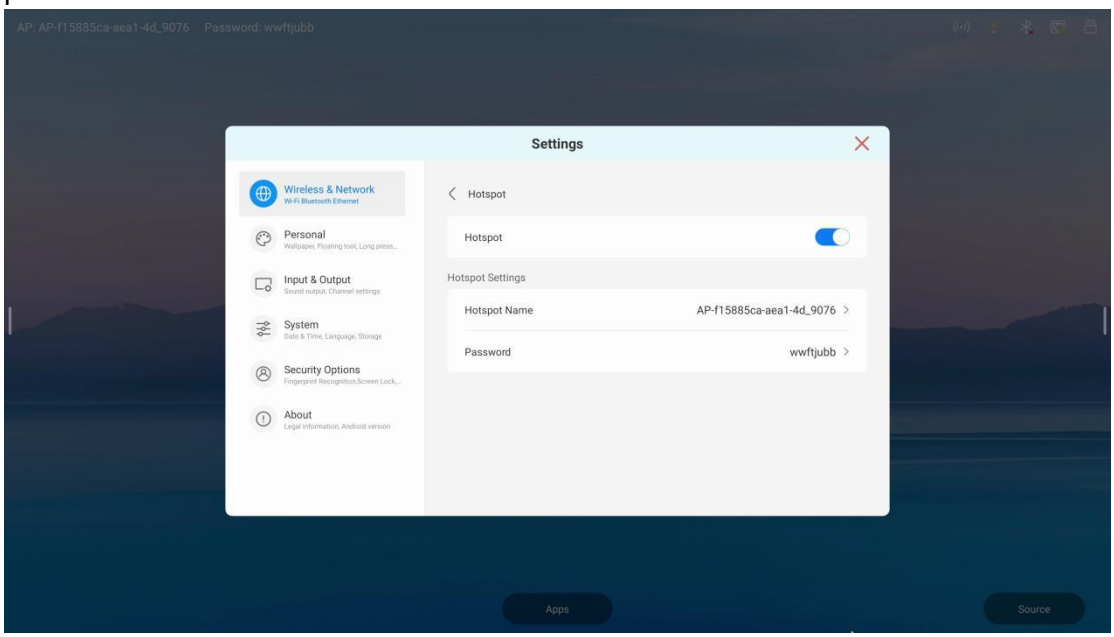
（1）Ethernet: set the Ethernet function on or off to automatically obtain IP address or manually set Ethernet information such as IP and gateway.



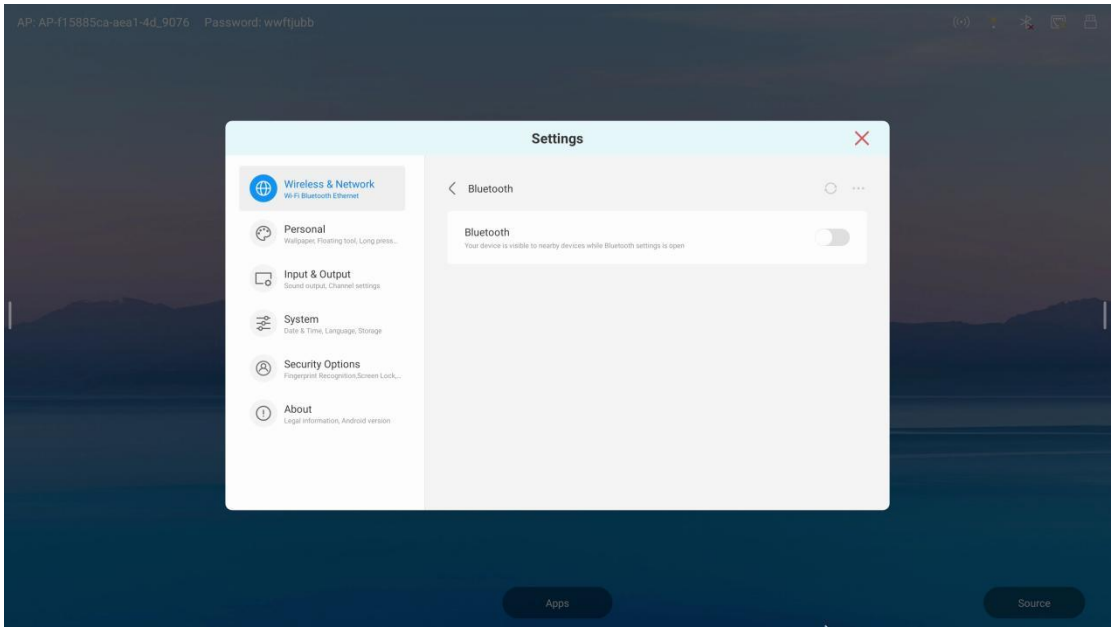
（2）WI-FI：Set the WIFI switch status. After it is turned on, the available network can be automatically obtained and displayed.



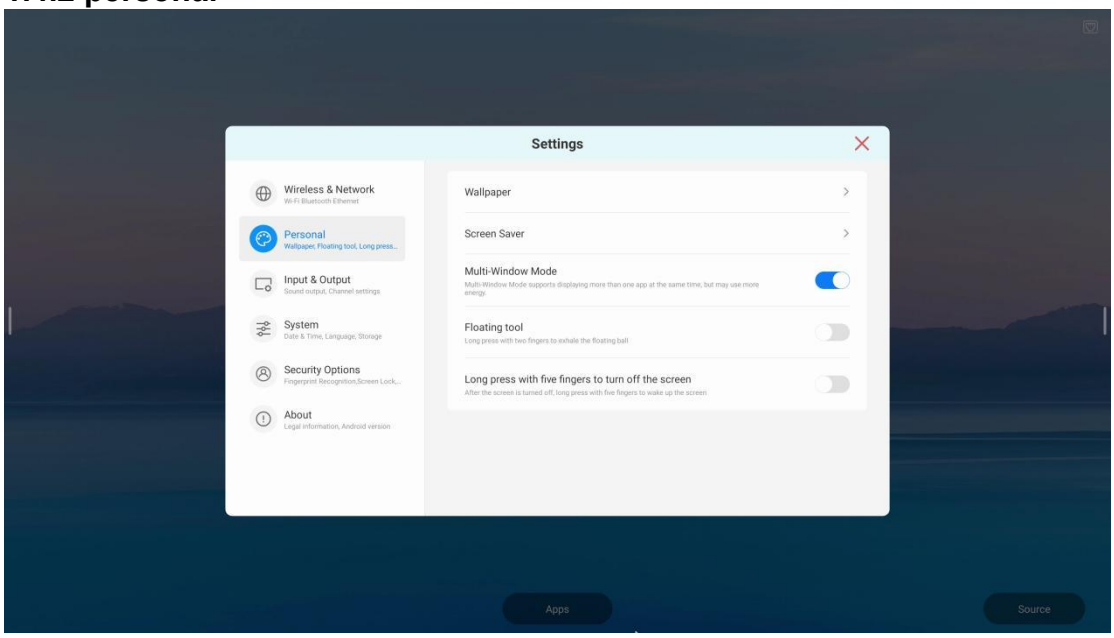
(3) Hotspot: set the hotspot on or off, and you can configure the hotspot name and password.



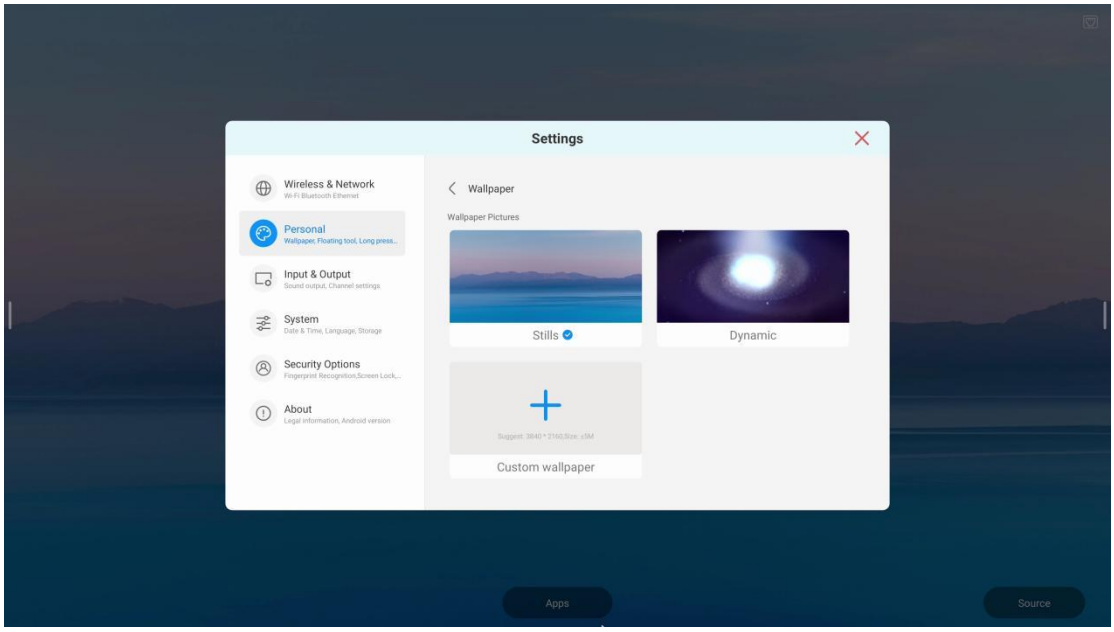
（4）Bluetooth: Set whether Bluetooth is visible to other devices, rename Bluetooth devices or view received files, and connect to devices in the list of available devices.



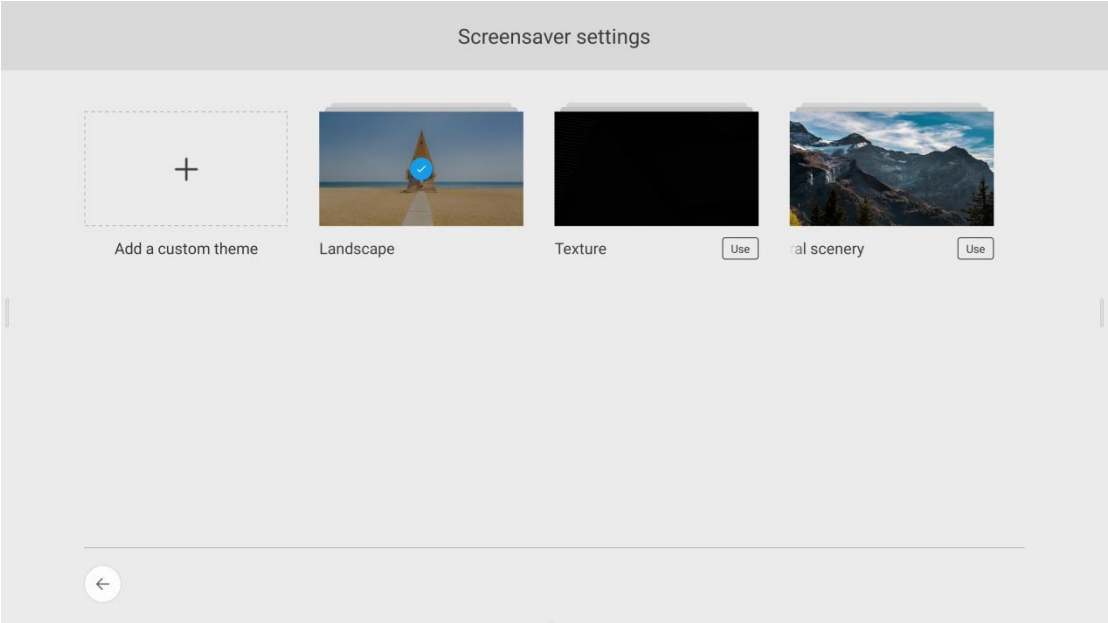
1.4.2 personal



(1) Wallpaper: static or dynamic wallpaper can be set, and custom wallpaper can also be added.



(2)Screen saver: you can set the default screen saver or add a custom screen saver picture.

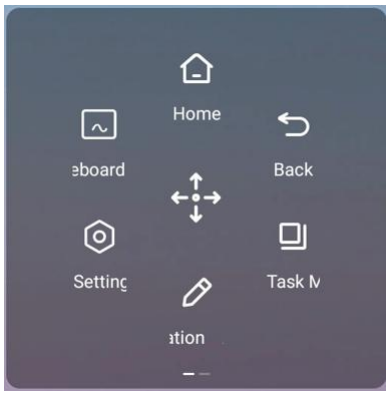


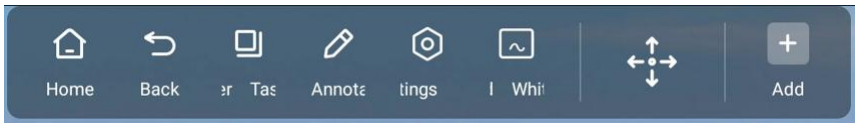
（3）Screen lock password：After setting the password, you need to enter the password to wake up the screen.

（4）Multi-window mode

(5)Floating ball tool

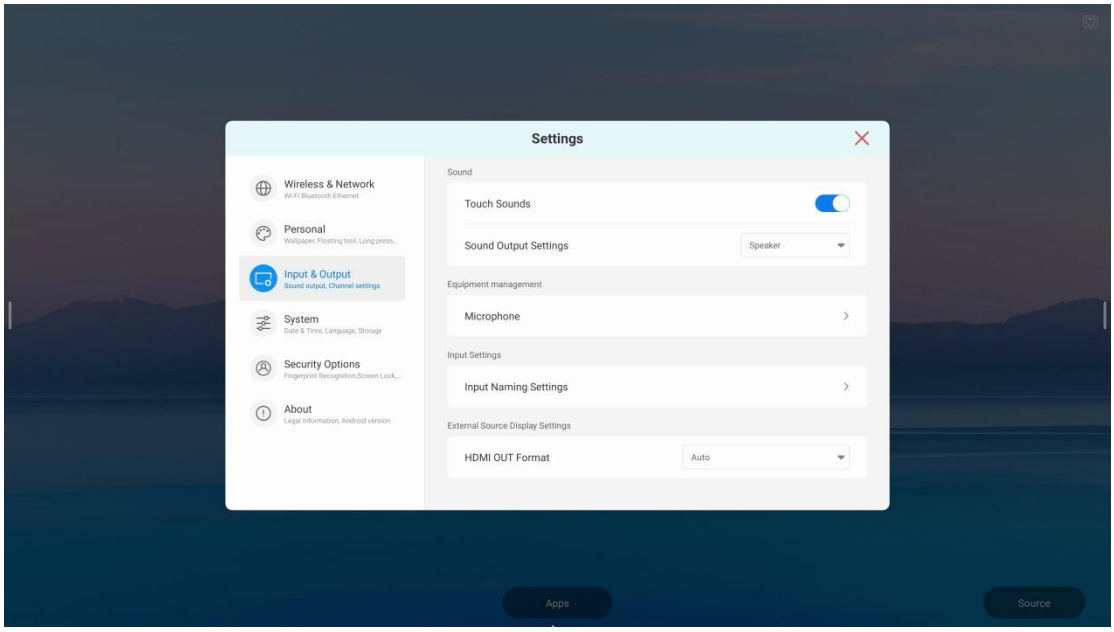
Two fingers call out the floating ball, can be a series of quick operations including home page, return, whiteboard, Settings, etc., can also be customized to add, as shown below





(6) Five-finger long press the screen: After setting the five-finger long press can turn off the screen or wake up the screen.

1.4.3 input & output



（1）Sound：

a. Touch sound can be turned on or off

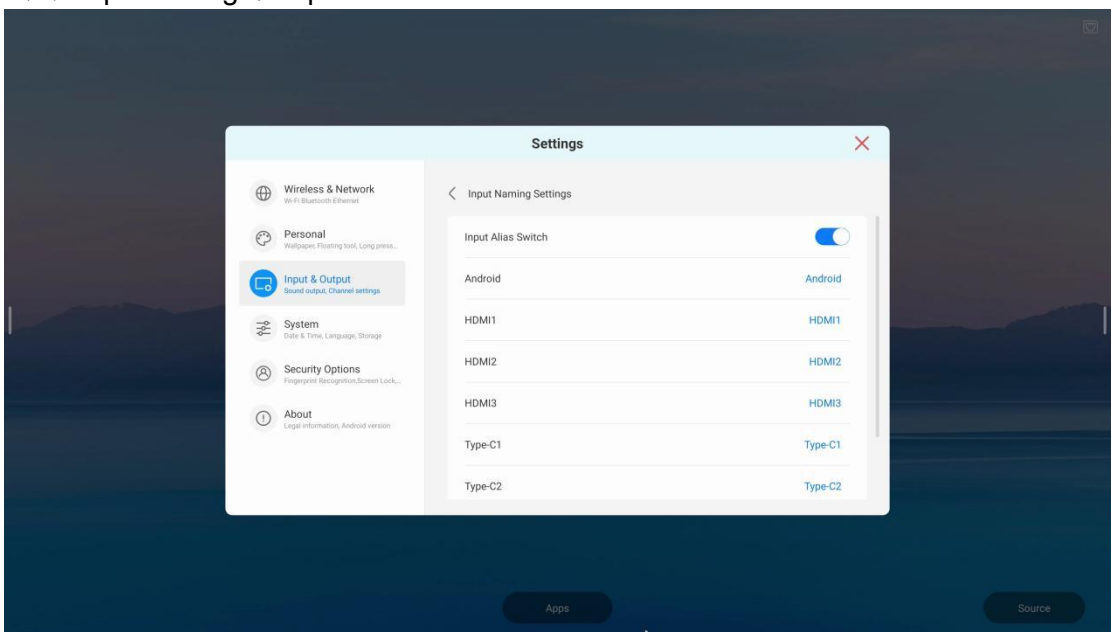
b. Set sound output: speaker, lineout, mixed

（2）equipment management：

a. Turn on or off USB lock

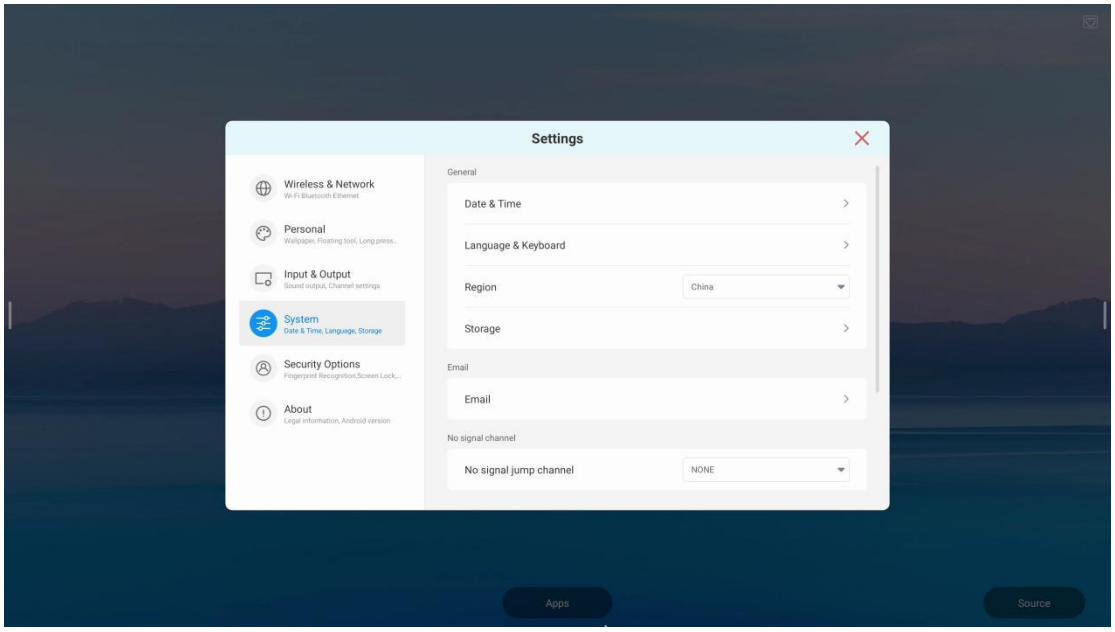
b. Miscrophone

（3）Input settings：Input channel alias can be set

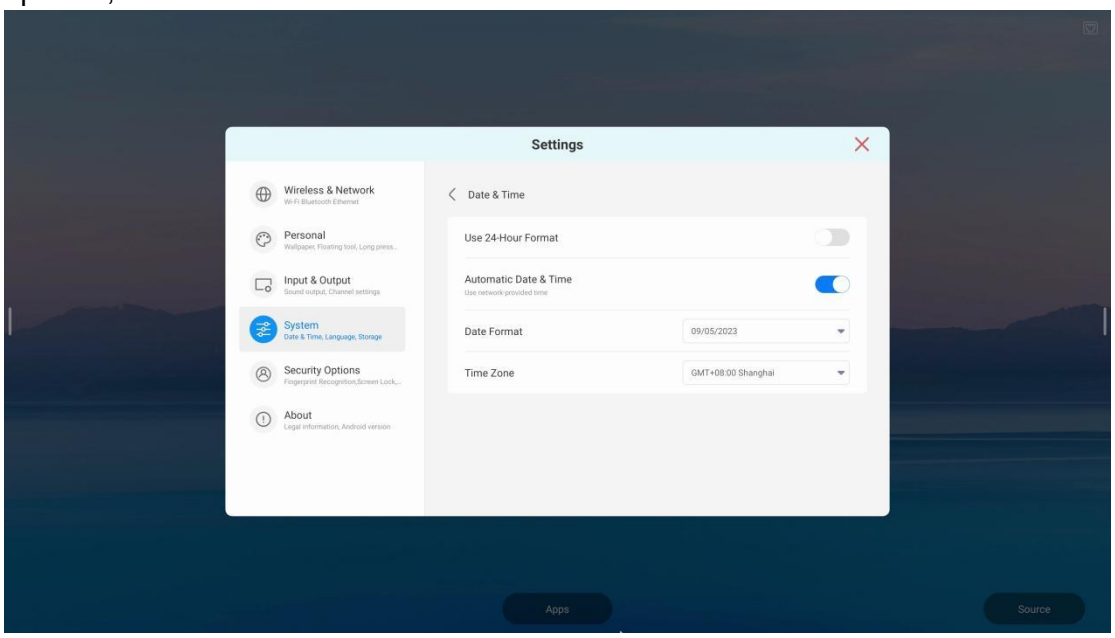


（4）External Source Display Settings: HDMI OUT format selectable 1080P_ 60Hz and 3840 × 2160_ 60Hz

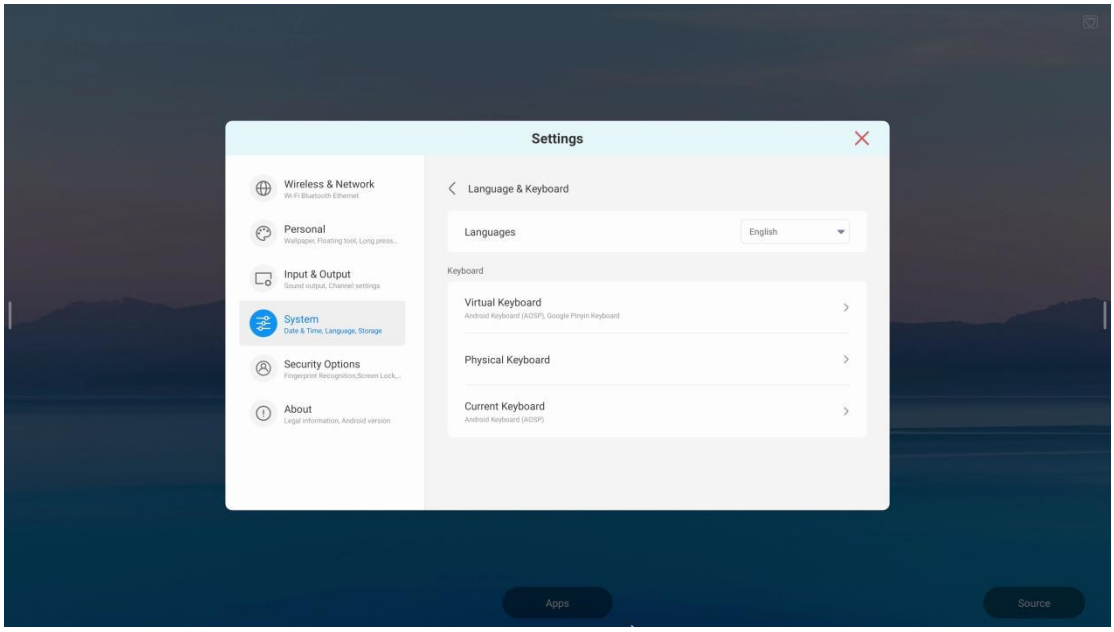
1.4.4 system



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

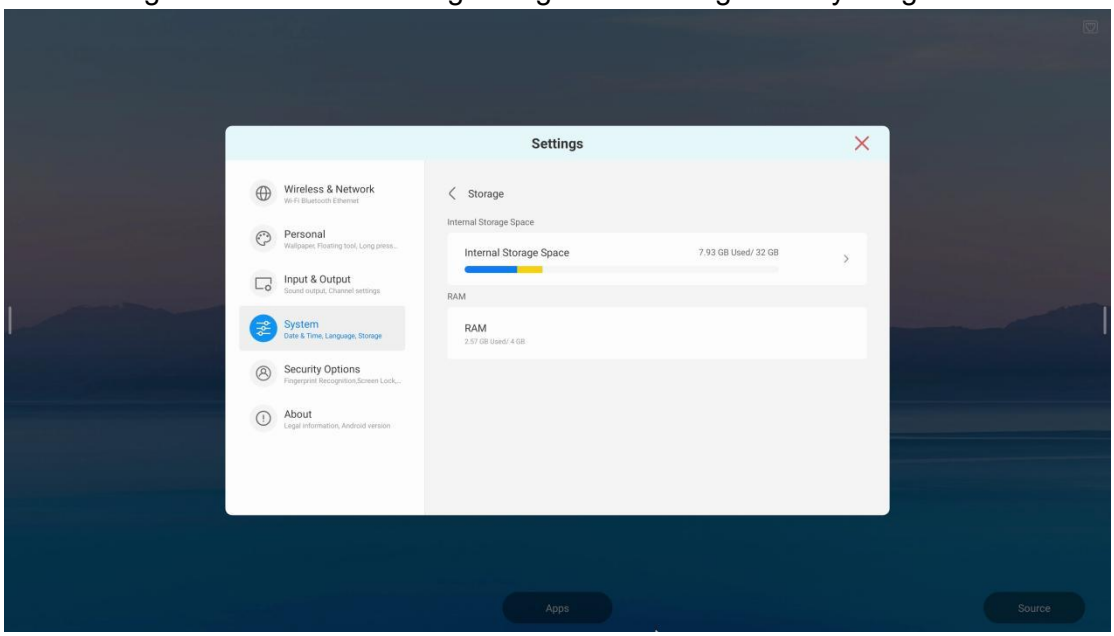


（2）Language & keyboard: set system language, switch input method, virtual keyboard entity keyboard options.

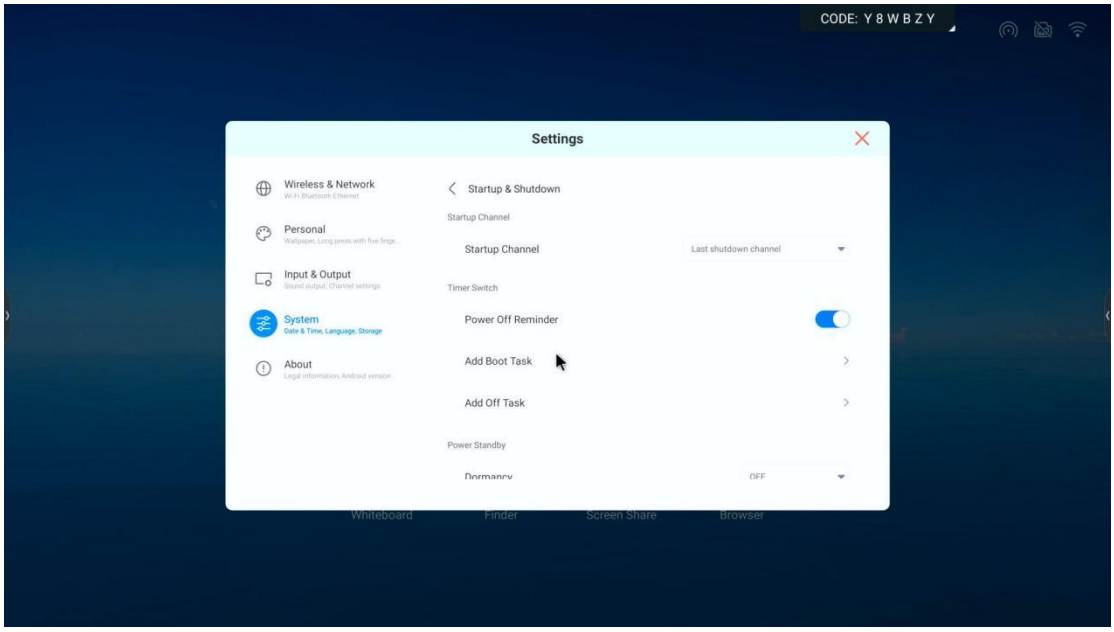


（3）region：Select the country and region to use.

（4）storage：View internal storage usage and running memory usage.

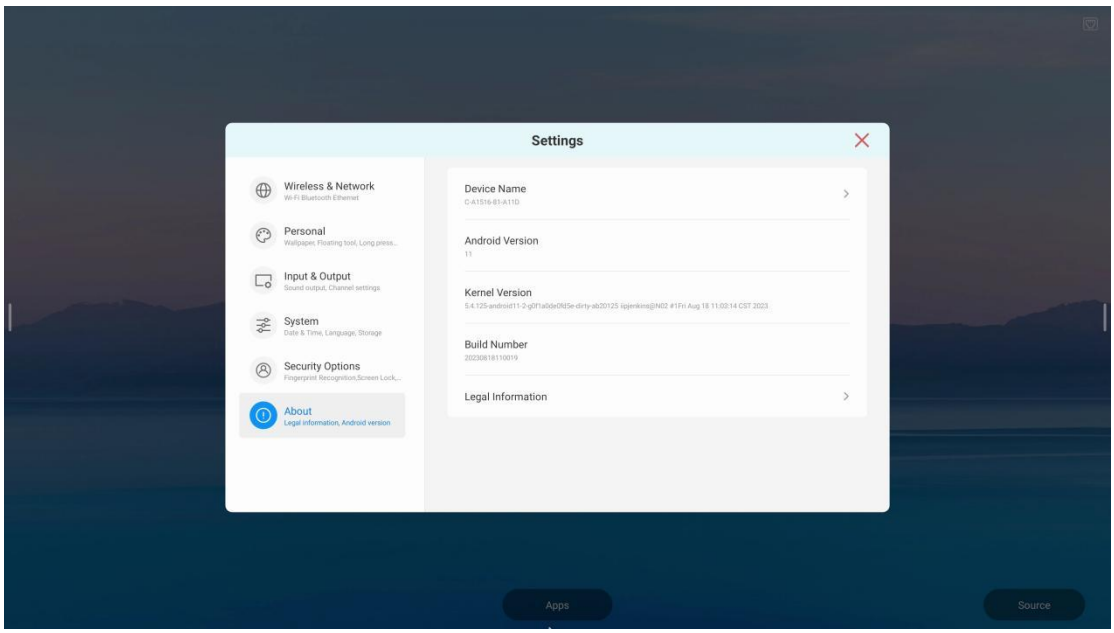


（5）Startup & shutdown: startup channel, scheduled startup/shutdown plan, shutdown prompt, screen saver time, sleep time, and screen saver display.



（6）system update：The latest upgrade package can be detected for upgrading.
（7）Reset factory：The data will be cleared and the factory settings will be restored.

1.4.5 About



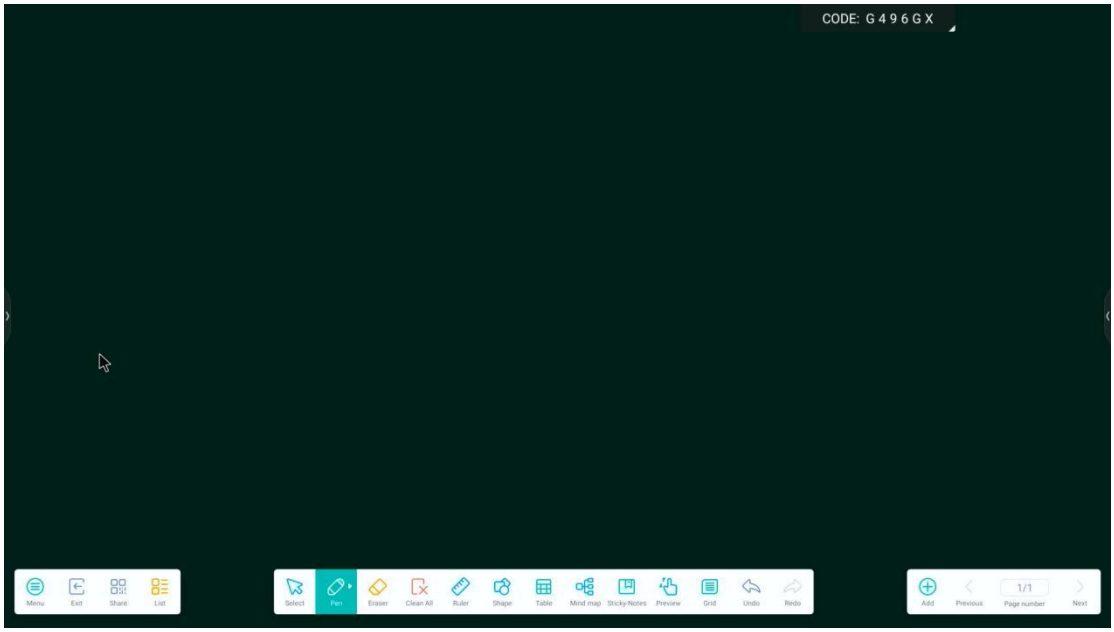
Chapter 2：Software Documentation

2.1 whiteboard

2.1.1 Enter whiteboard

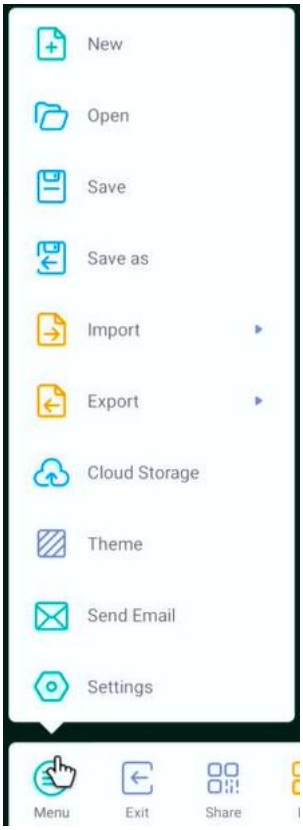
There are two ways to enter the whiteboard:

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



2.1.2 Menu

Click the icon in the lower left corner of the interface to pop up and display the lower-level content menu.



（1）New

：Click the icon to create a new whiteboard interface. If the previous interface is not saved, you will be prompted whether to save. The new interface can be edited and saved.

（2）Open

：Click the icon to open the file under the directory where the whiteboard file is saved. Click the file to open it directly, and you can edit and save it again.

（3）Save

：Click the icon to save the currently written content. The default time is named to save. The user can customize the name to save. The user can select built-in storage or USB flash disk to save the whiteboard file.

（4）Save as

：Click the icon to save as, which is similar to the save function, but is saved as another file.

（5）Import

：Click the icon, select the file format to import

, and then select the path of the file to import, and confirm the import.

（6）Export

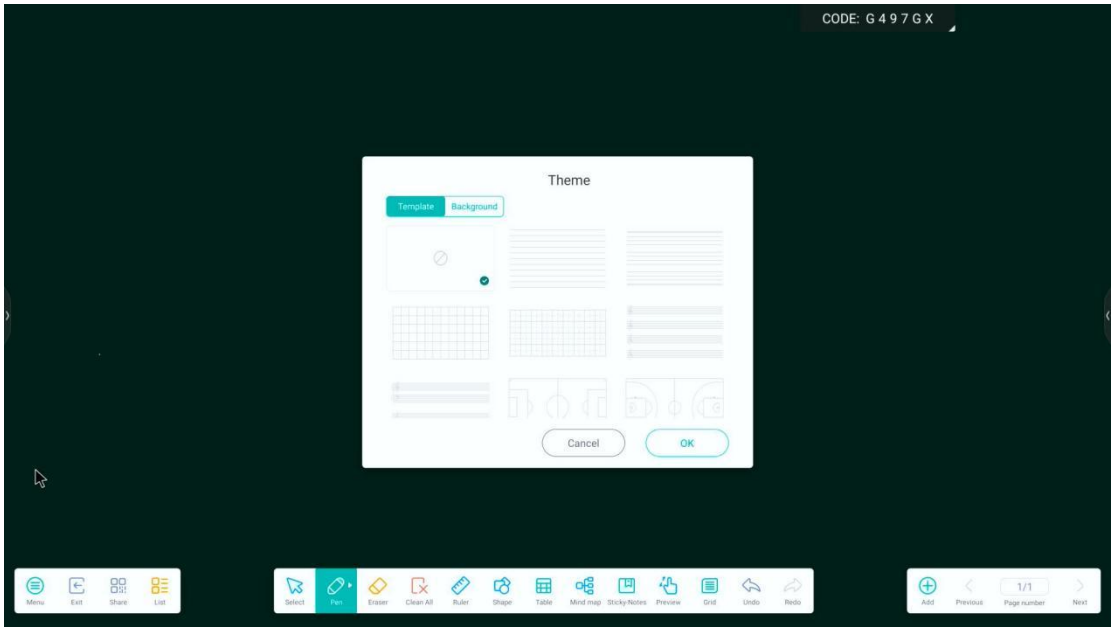
：Click the icon, select the file format you want to export, and then select the path to save the exported file. You can customize the name to save.

（7）Cloud storage

：Click the icon, select the type of cloud disk to use, and upload it to the cloud disk after logging in.

（8）Theme

：Click the icon to set the template and background.

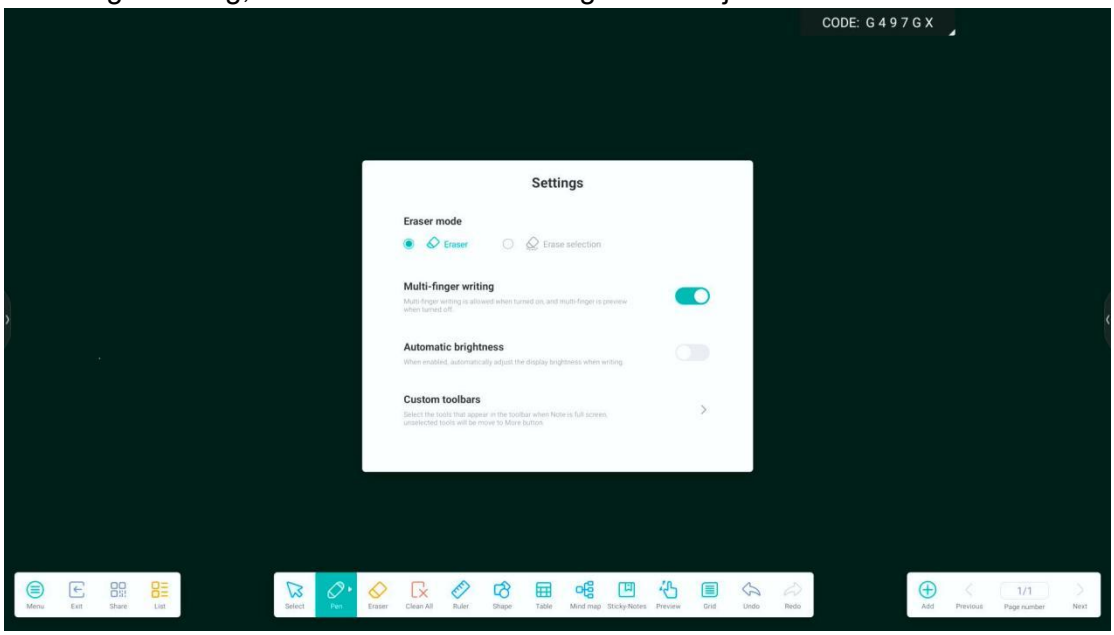


（9）Send email

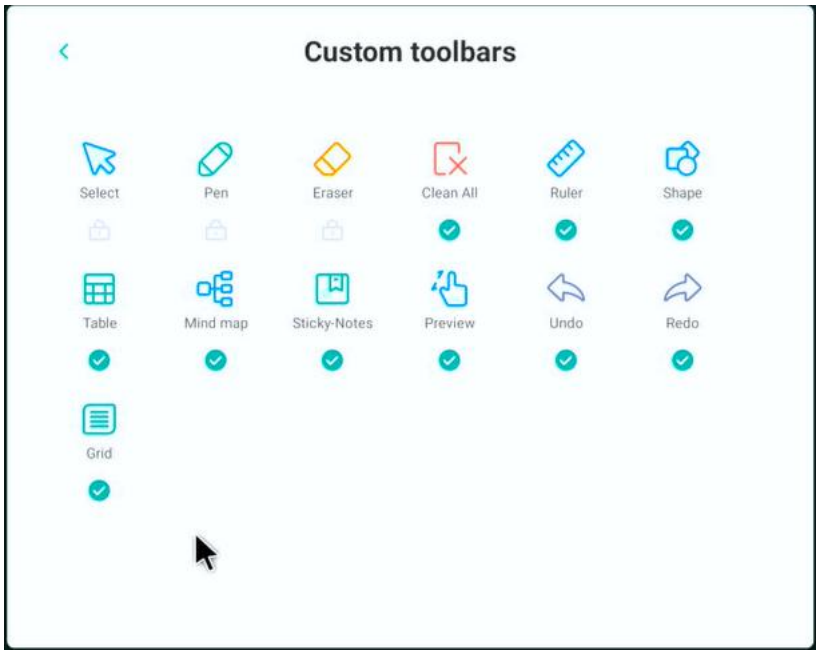
：Click the icon to save the current whiteboard content and send it by email. You need to set the administrator user email address.

（10）Settings

：Click the icon to set the erase mode, enable multi-finger writing, and enable automatic brightness adjustment and custom toolbar.

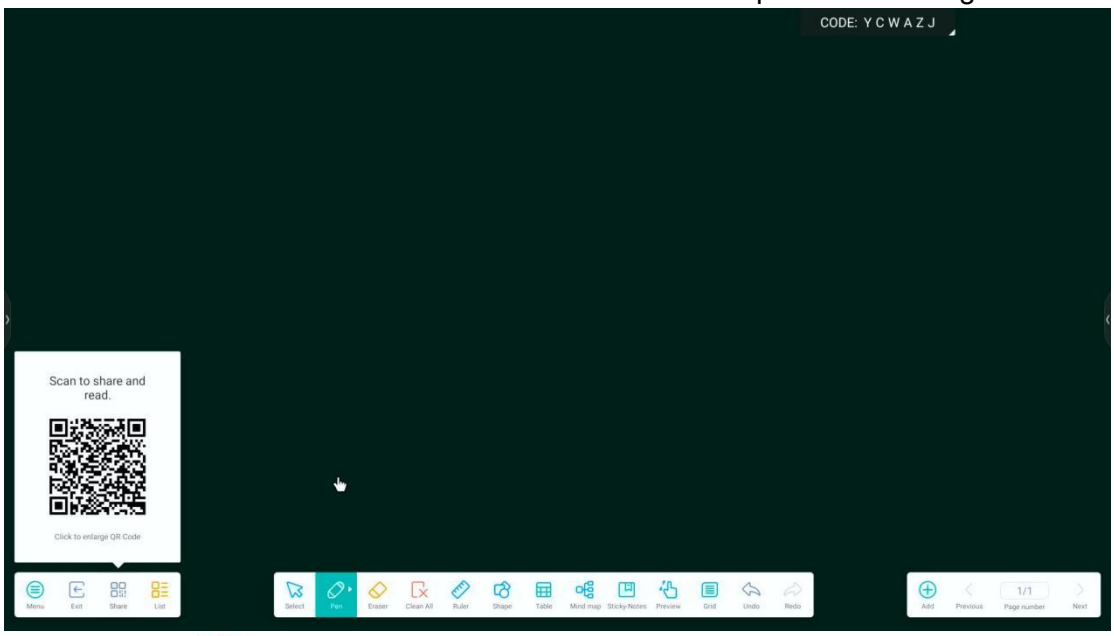


Custom toolbar: except for some tools that are locked in the toolbar, you can set whether other tools are displayed in the toolbar.

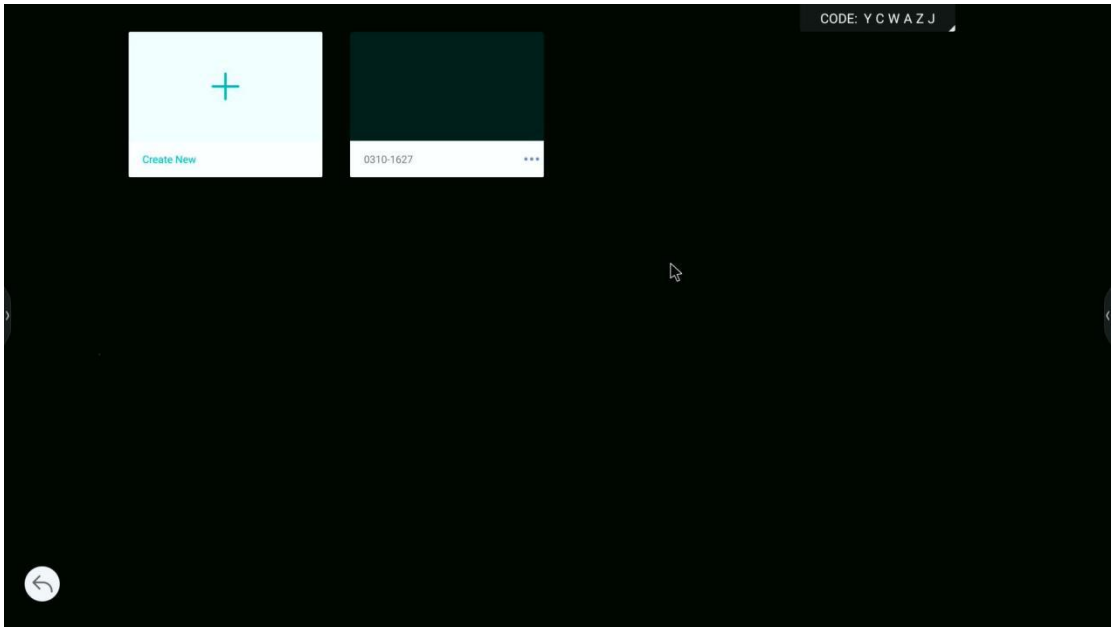


（11）Exit ：Click the icon to exit the whiteboard application. If there is any unsaved content, you will be asked whether to save it, and then return to the main interface directly.

（12）Share ：Click the icon to export the current whiteboard 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 networking.



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



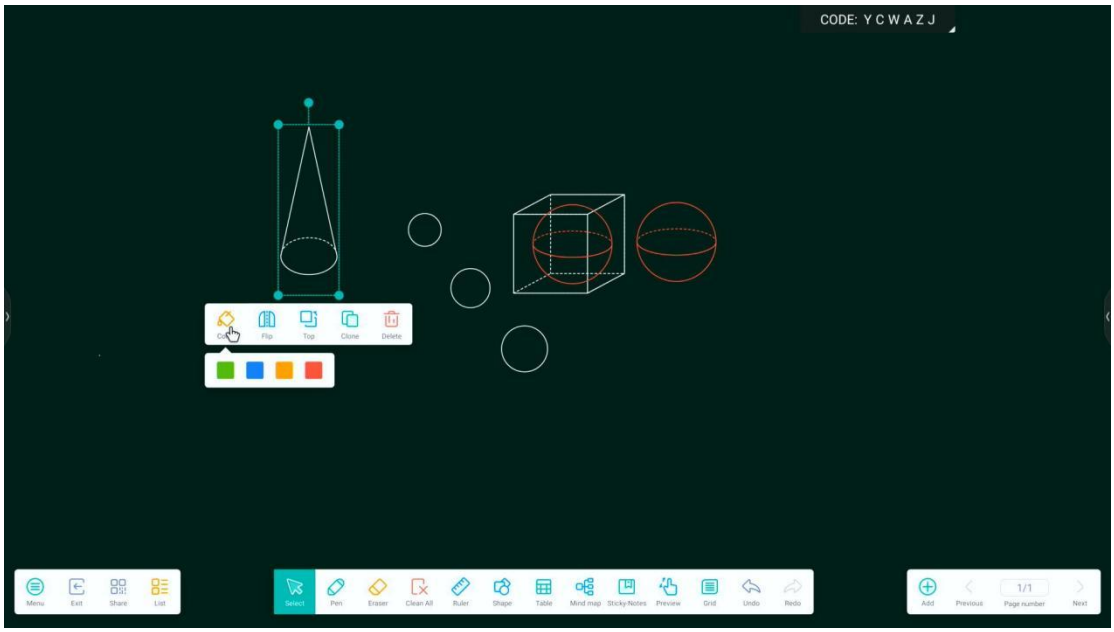
2.1.3 Based operations

(1) Select

：Click the icon to enter the selection mode from the writing mode. You can move, color, beautify, search, flip, top, delete, clone, rotate and zoom the handwriting, shape, inserted image and other contents in the drawn interface.

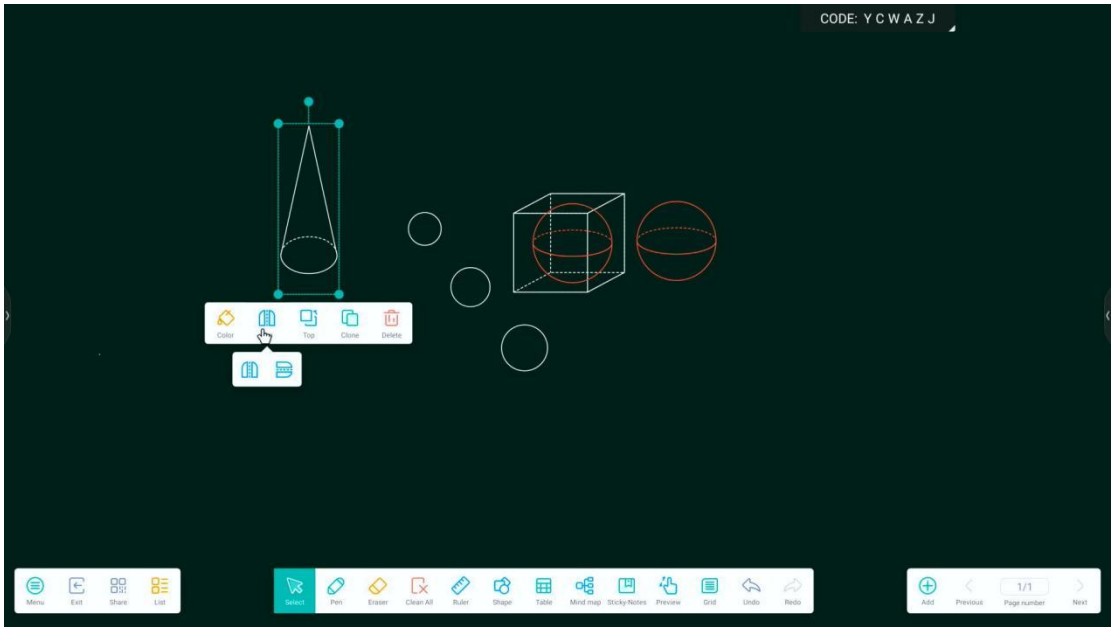
a. Color

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



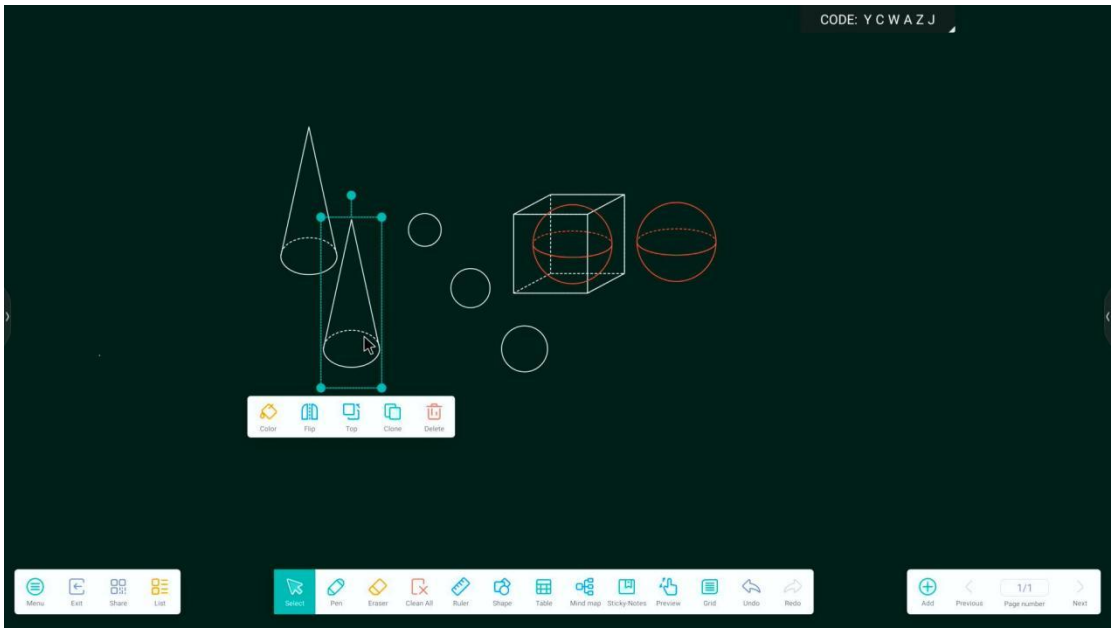
b. Flip

： Click the icon to flip the selected content up and down or left and right.



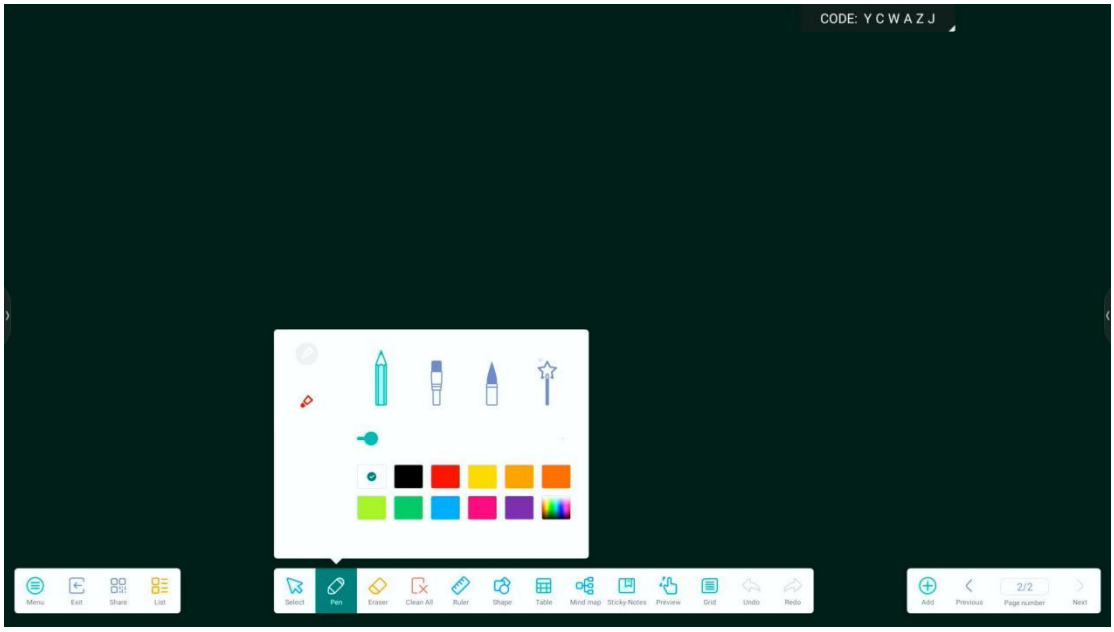
c. Top Top ：Click the icon to put the selected content on the top.

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



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

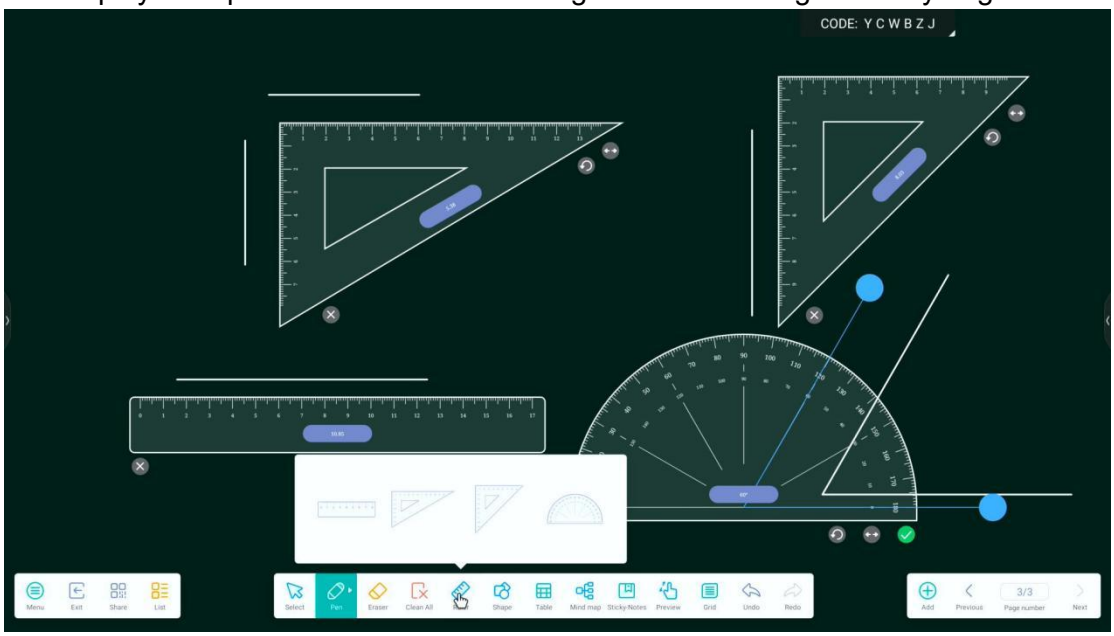
(2) Pen Pen ：Click the icon to enter the writing mode, which is also the default mode after the application is opened. Click again to select the pen type, color and thickness. Click the icon to expand the color palette and customize the brush color.



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

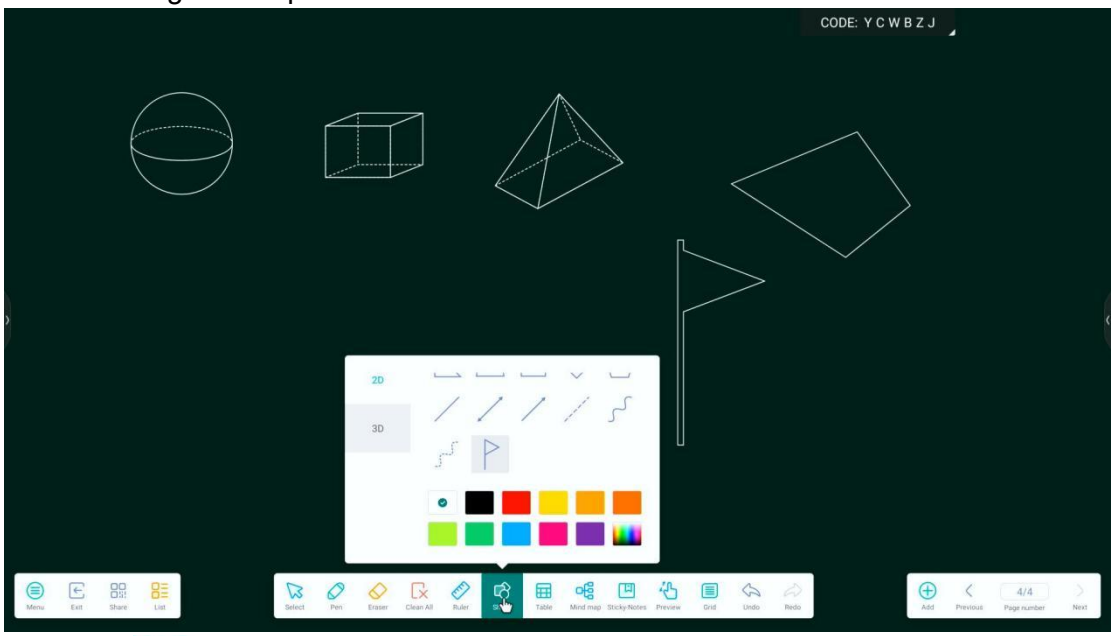
(4) Clean all Clean All ： Click the icon to completely clear the written content, shape, etc. of the current page. If you want to restore the cleared content, you can click the icon Undo to cancel the clearing operation.

(5) Ruler Ruler ： Click the icon to select the type of long ruler, right triangle ruler and protractor. The scale edge of the ruler can draw straight lines and have length display. The protractor can measure angles and draw angles of any angle.



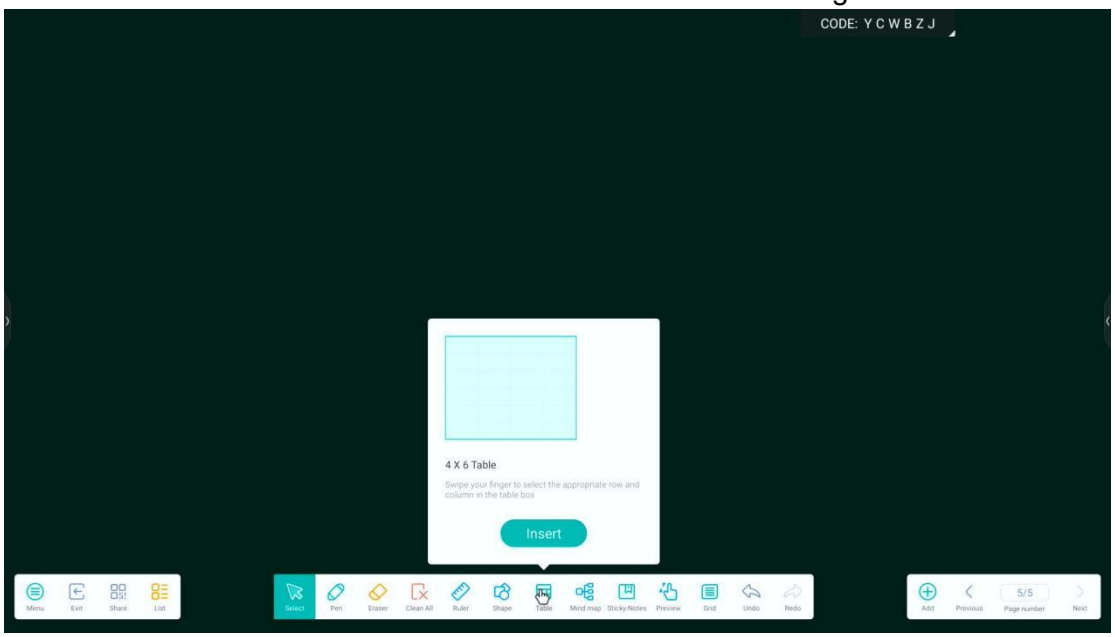
(6) Shape

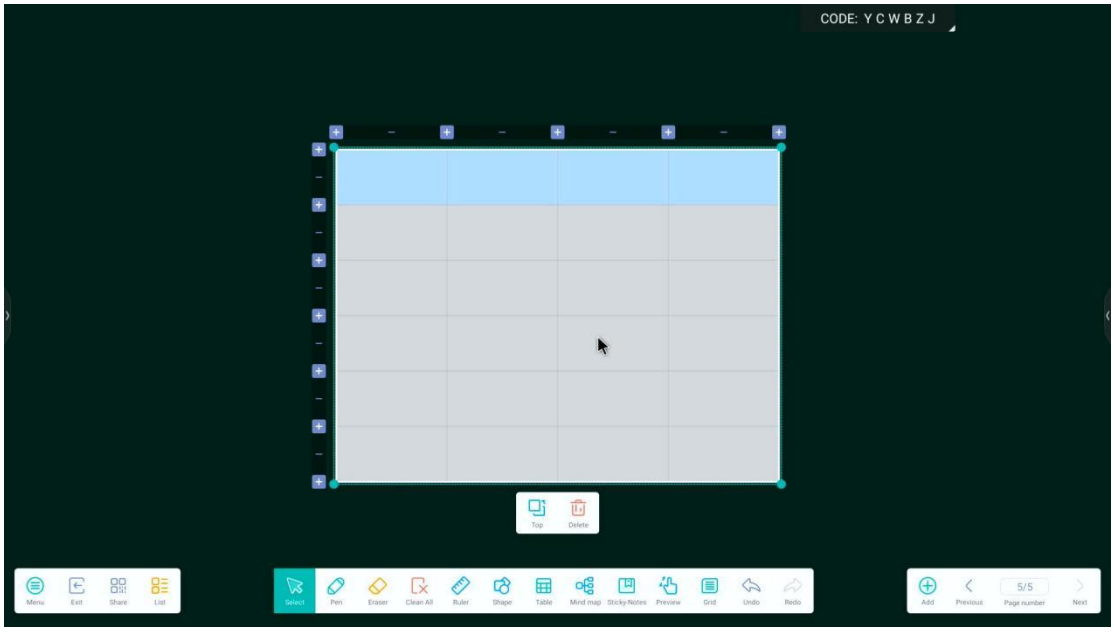
：Click the icon to draw standard graphics by touching and dragging on the whiteboard interface. Click again to select graphics shapes, switch between plane graphics and three-dimensional graphics, and customize colors. Click the icon to intelligently beautify according to the rough shape you draw, and turn it into a regular shape.



(7) Table

： Click the icon, touch and drag to select the table size, and click “insert” to insert the table. Enter the selection mode can drag and edit the table.

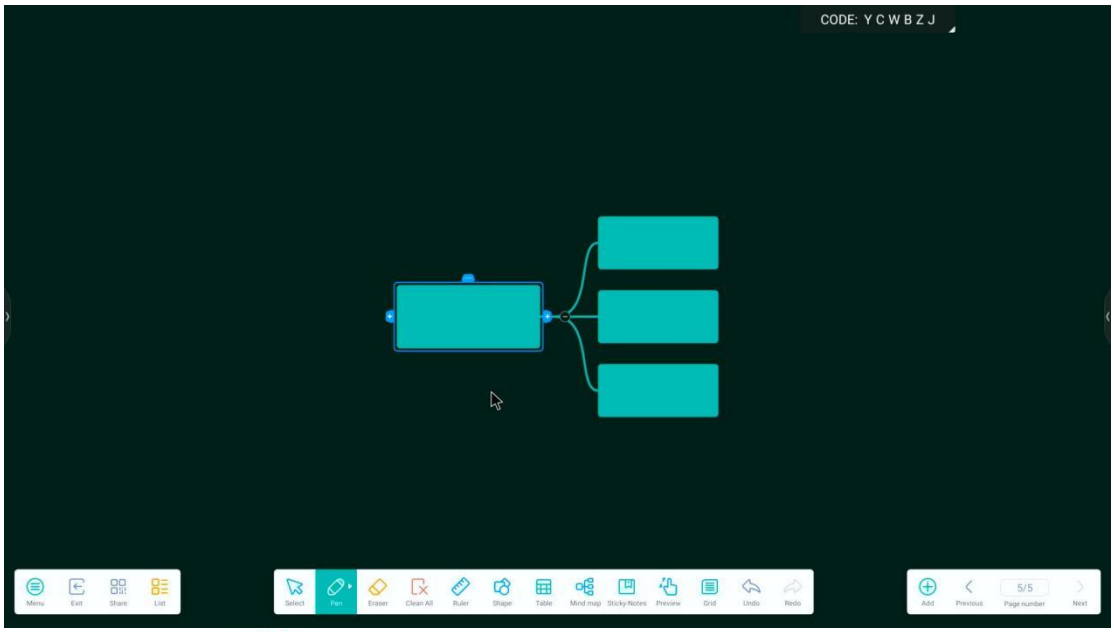




(8) Mindmap

：Click the icon to insert an initial mind map on the current page.

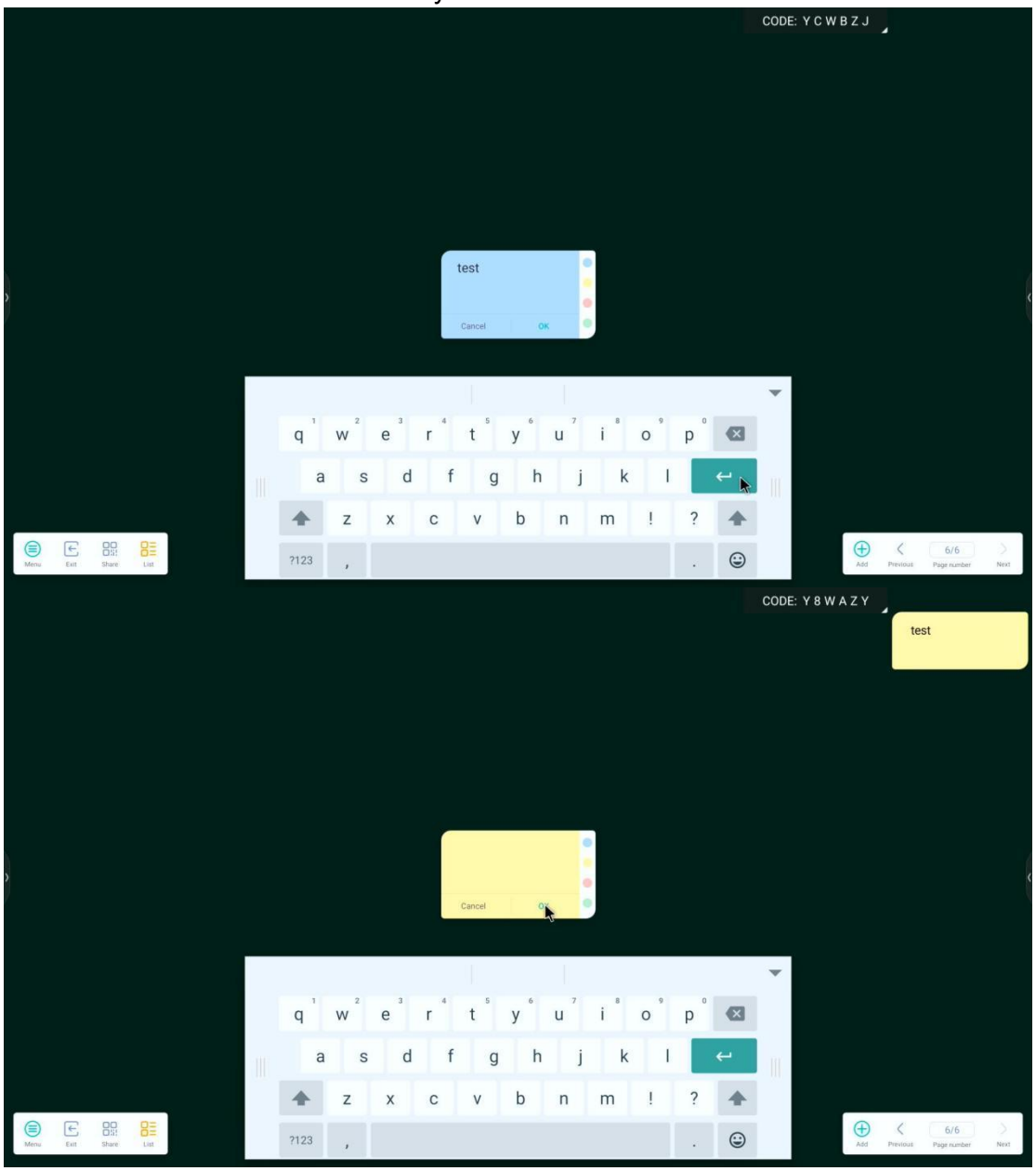
Click the node to edit it to form a mind map. Click to add a child node in the direction of the current node. Click to display the deletion query. Confirm to delete the current node.



(9) Sticky-Notes

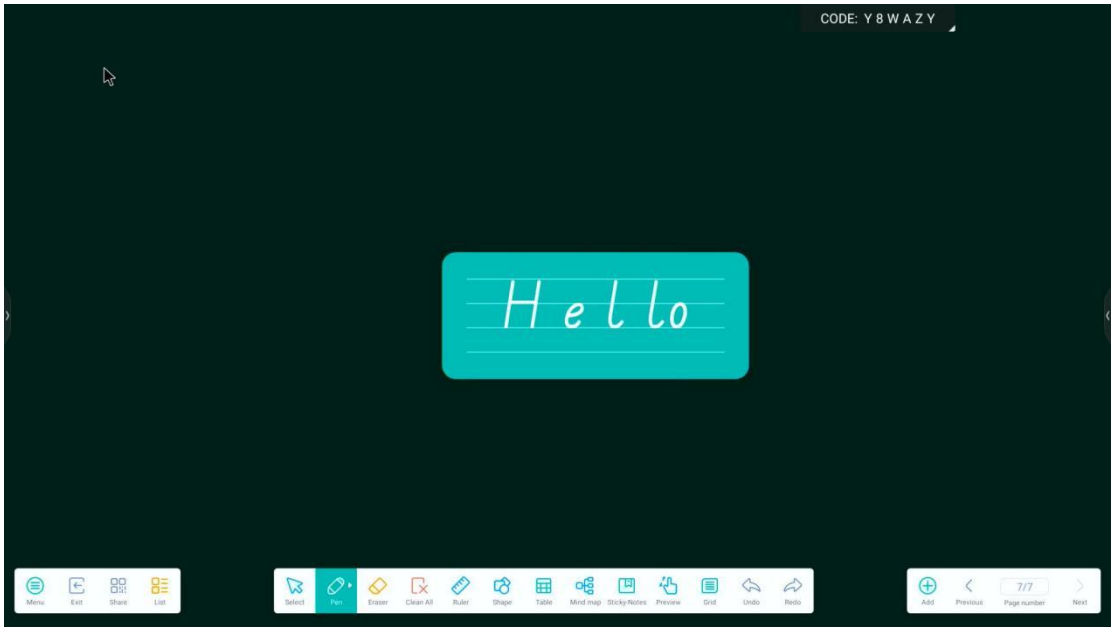
：Click the icon to enter the note editing, enter the note content through the soft keyboard, select the note color at the side , and click

“ok” to add the note successfully.



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

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



(12) Undo & Redo：Click the icon

to undo the unsaved operation. You can undo it multiple times. If you want to undo it multiple times, you can click the icon

to resume the undo operation. Similarly, you can undo it multiple times.

(13) Add

：When we want to add a new page, click the icon to add a new page and switch the current interface to a new page.

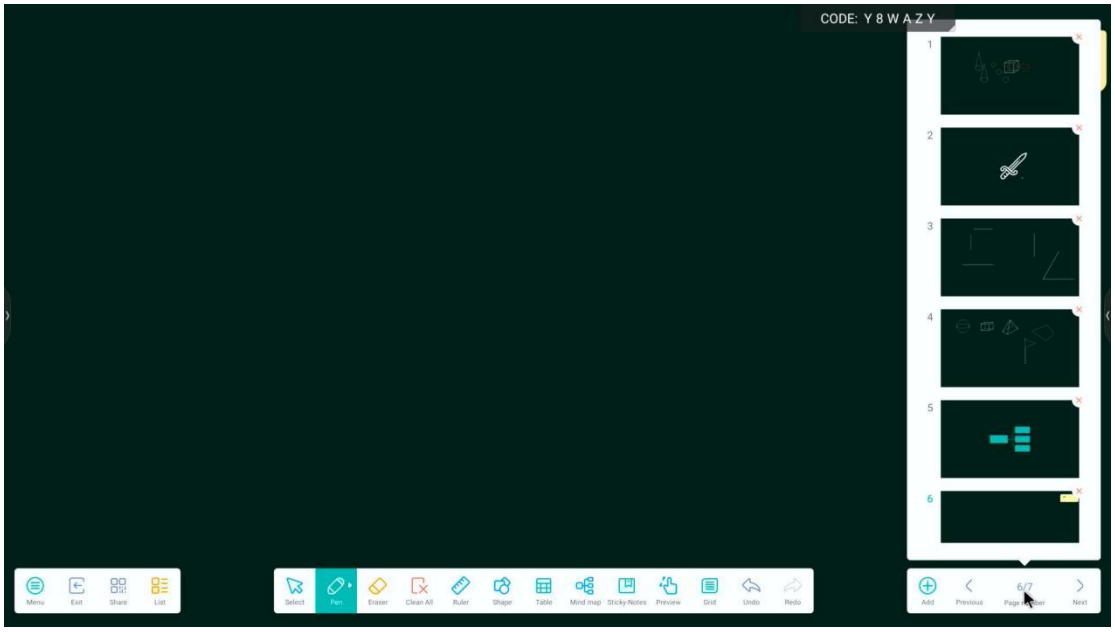
(14) Previous & next：When there are multiple pages, you can click the icon

and icon

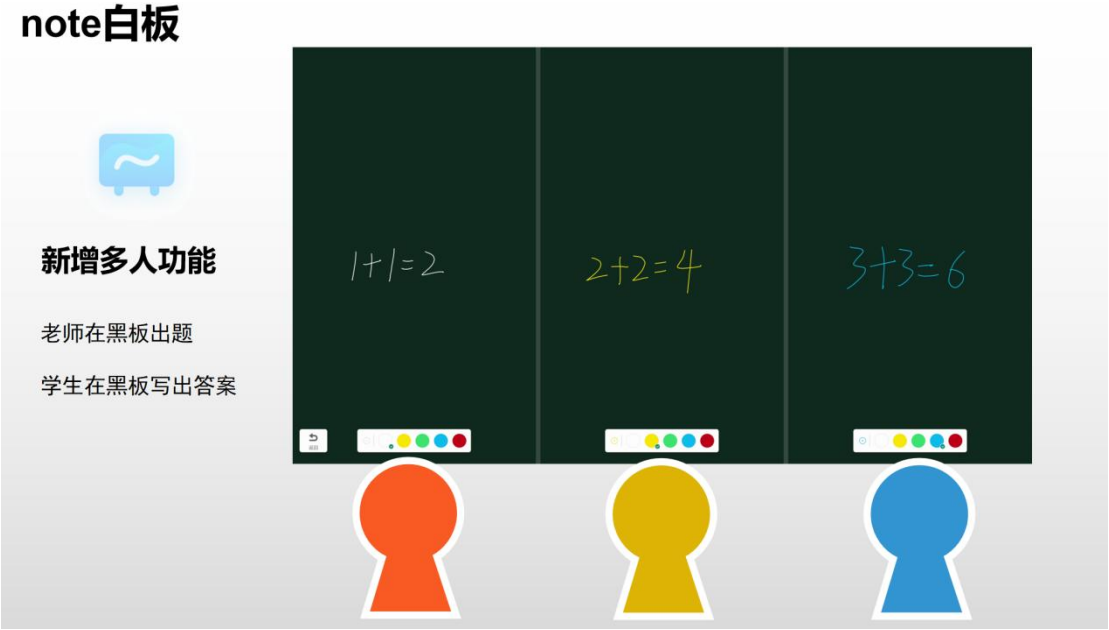
to switch pages.

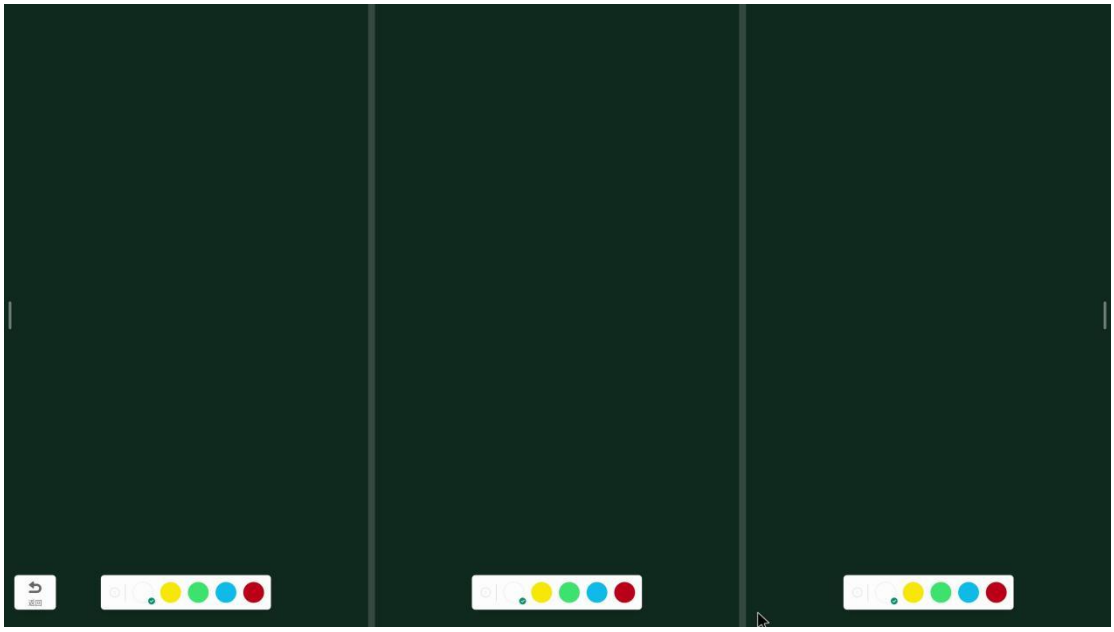
(15) Page number

：click the icon to view all page thumbnails. You can select a page thumbnail to switch or delete.


CODE: Y 8 W A Z Y
Menu
Exit
Share
List
Select
Pen
Eraser
Clean All
Ruler
Shape
Table
Mind map
Sticky-Notes
Preview
Grid
Undo
Redo
Add
Previous
6/7
Next

(16)多人书写

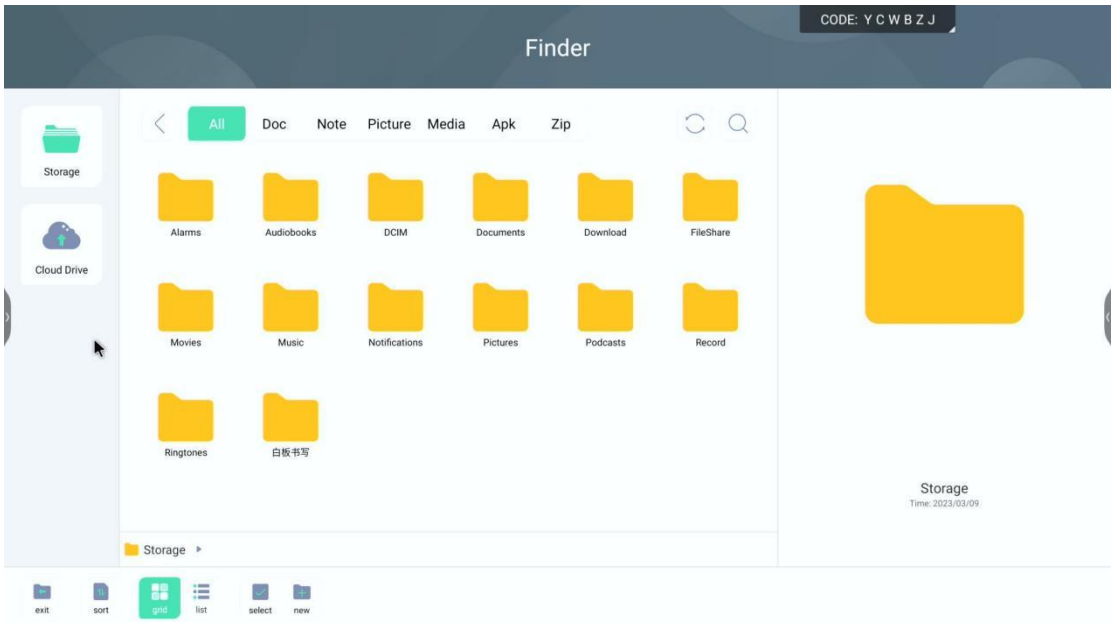

note白板
新增多人功能
老师在黑板出题
学生在黑板写出答案
1+1=2
2+2=4
3+3=6



2.2 finder

2.2.1 Interface Introduction

Click the icon to enter the file browsing application. The left side of the file browser displays local files and cloud hard disks.



2.2.2 display mode

（1）classify：

The above column

can

display the contents of the current directory by format.

a. When you click "Doc", the main contents displayed are: Word, Excel, PDF, TXT files；

b. When clicking "Note", ENB or JPG files will be displayed；

c. When you click "Picture", the image format file will be displayed, such as PNG, JPG, etc；

d. When clicking "Media", the audio (MP3) video (MP4) format file will be displayed；

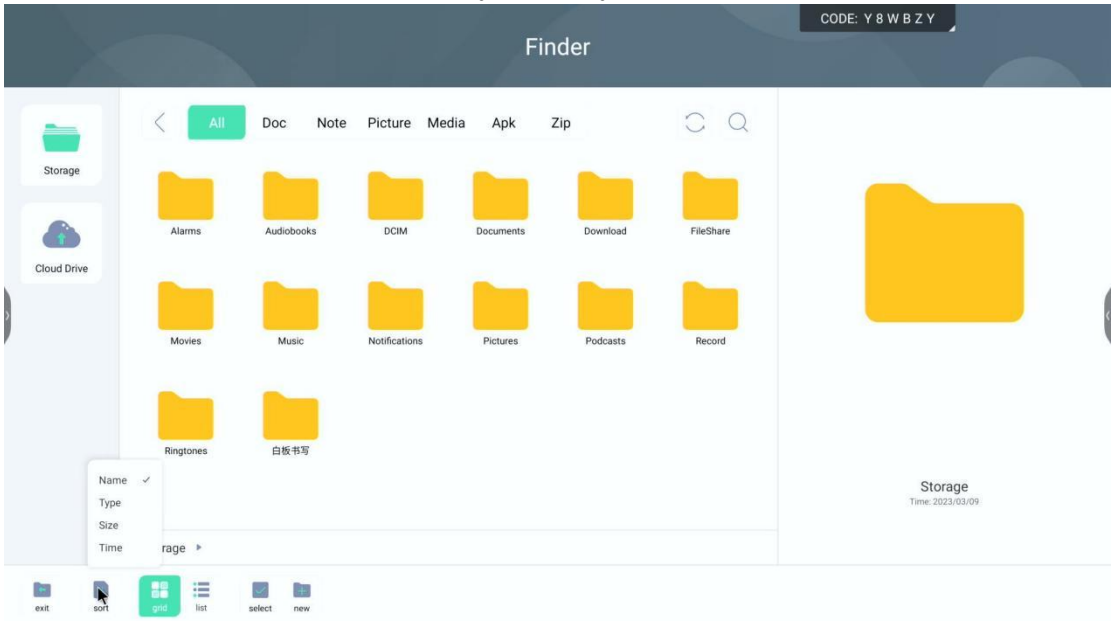
e. Click "Apk" to display application files, such as APP, APK, etc；

f. When you click "Zip", the files of the compression package class will be displayed.

（2）sort：

Click the icon

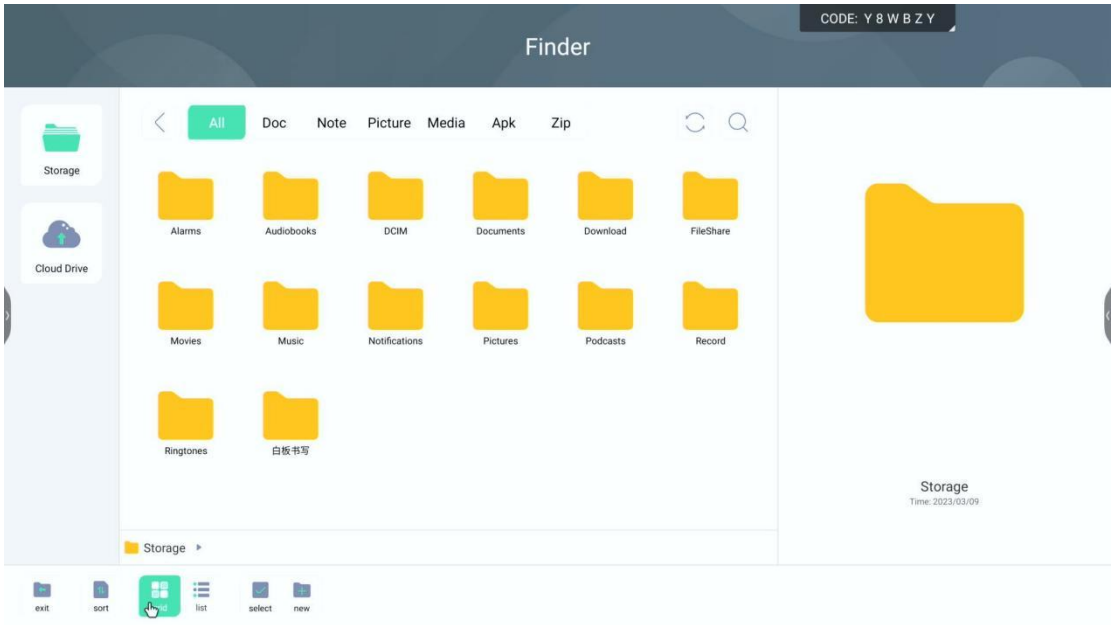
to sort files by name, type, size and time.



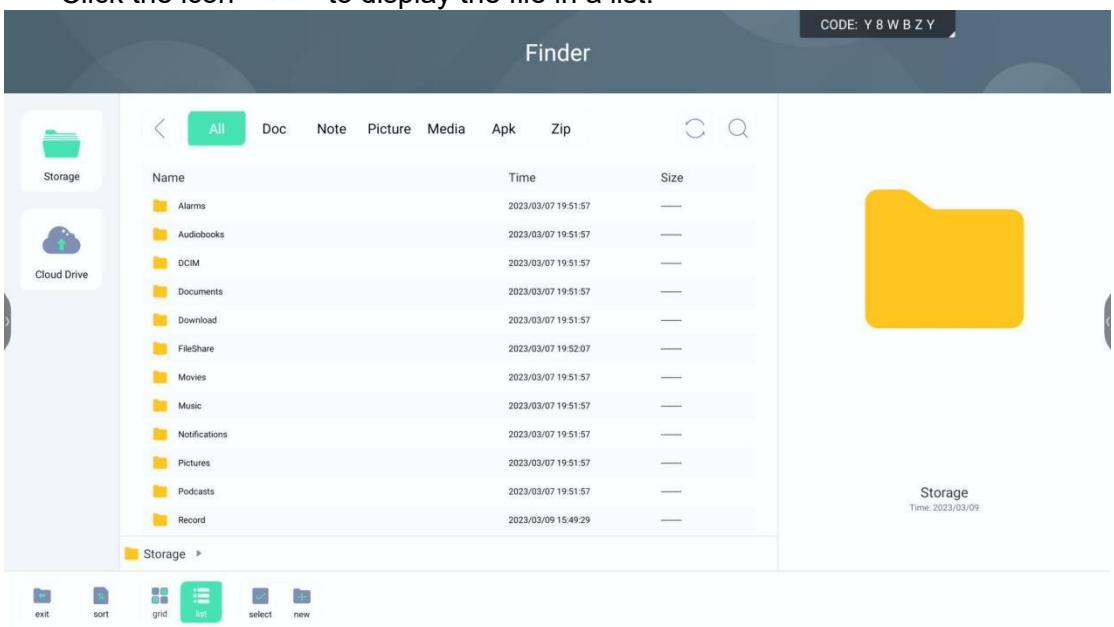
（3）display form：

Click the icon

to display the file in grid tiles；



Click the icon to display the file in a list.



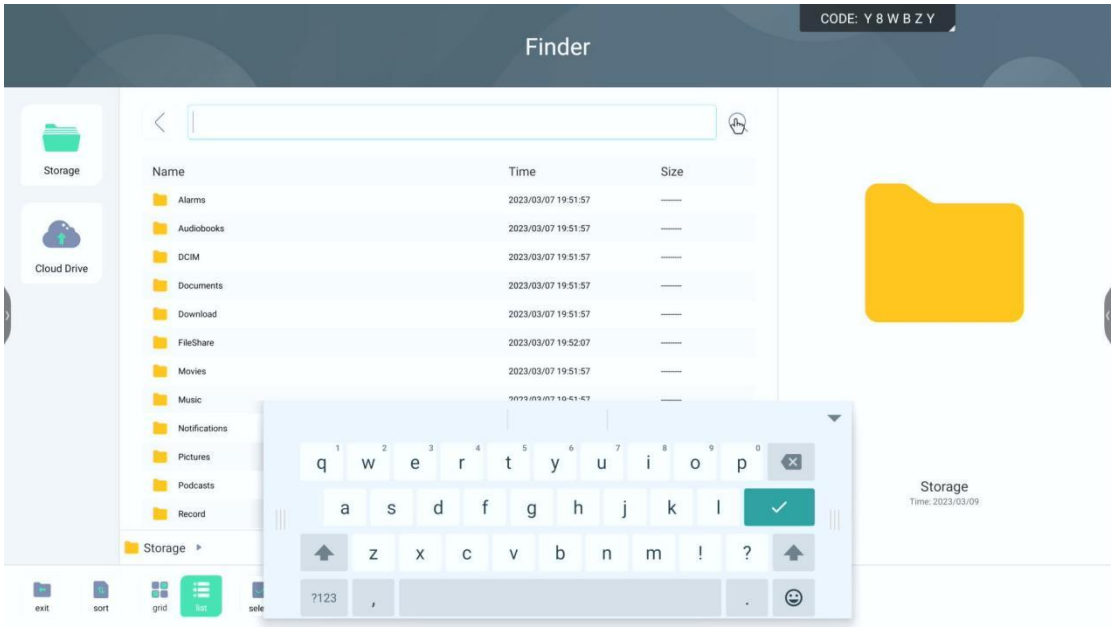
2.2.3 toolbar

（1）renovate：

Click the icon to refresh the file content.

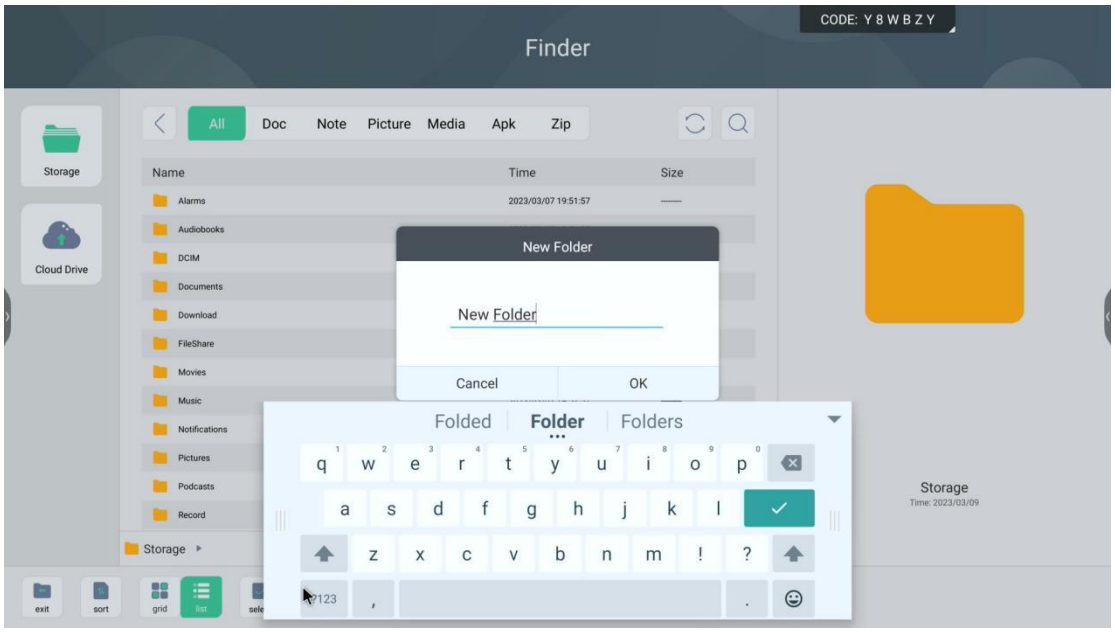
（2）search：

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



（3）new：

Click the icon new to create a new folder.

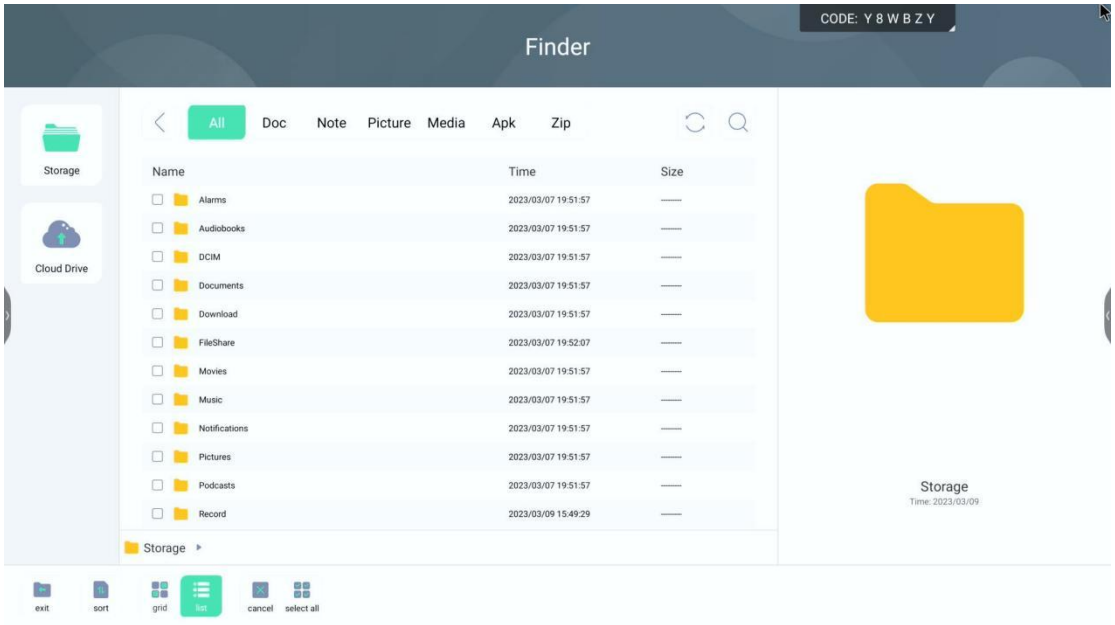


（4）exit：

Click icon exit to exit file browsing.

2.2.4 select

Click the icon select to perform file operation on the file.



a. Click the box at the top right corner of the folder

to select the file

b. Click the icon

to select all the current directory files.

c. Click the icon

to deselect the selected content

d. Click the icon

to copy the selected file to the pasteboard

e. Click the icon

to cut the selected file to the pasteboard

f. Click

to paste the contents of the pasteboard into the current directory

g. Click the icon

to delete the selected file contents

h. Click the icon

to rename the selected file (only one can be selected at a time)

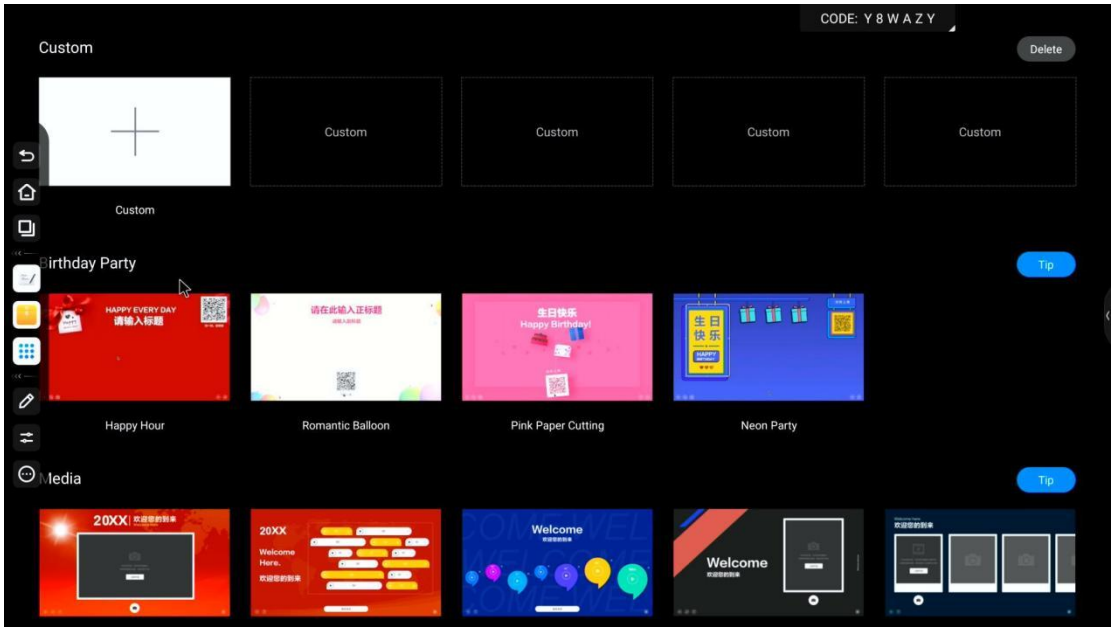
2.3 welcome

2.3.1 display

Click icon
(left or right) —> click icon

—>click icon

, enter welcome application.



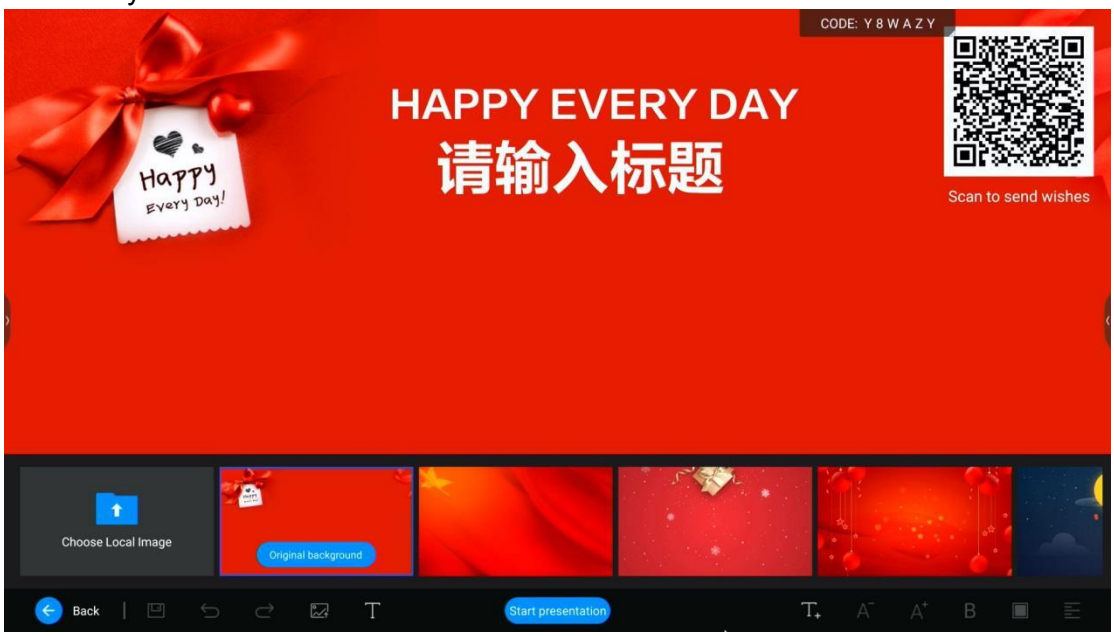
The main interface is divided into custom, birthday party, media and text.

2.3.2 function introduction

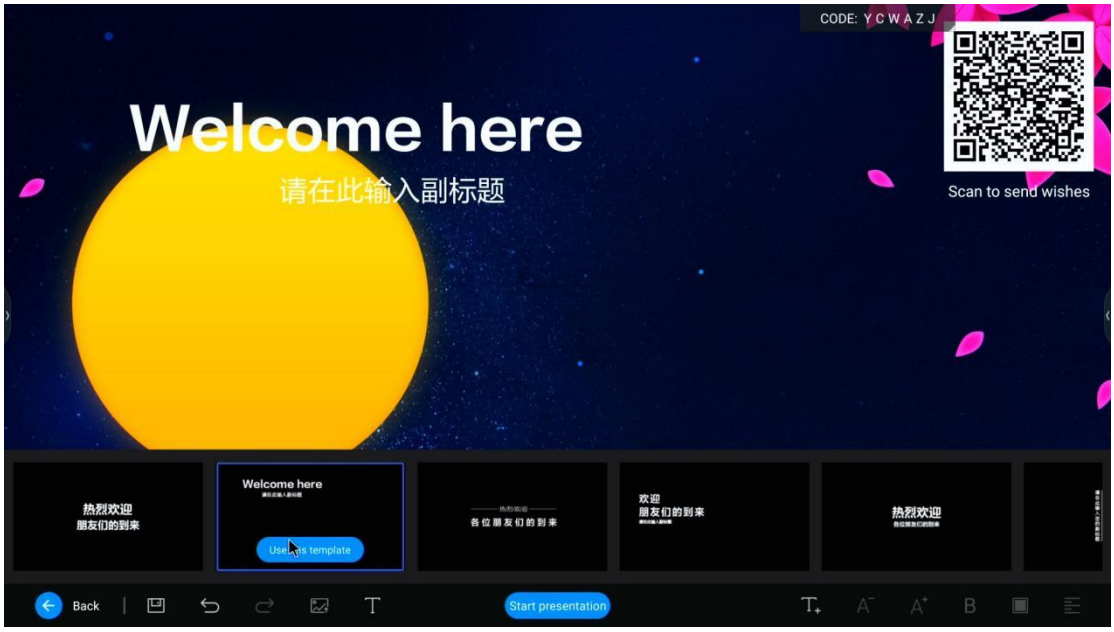
Preview and open the template image in the main interface for editing:

（1）Click the icon to enter editing mode

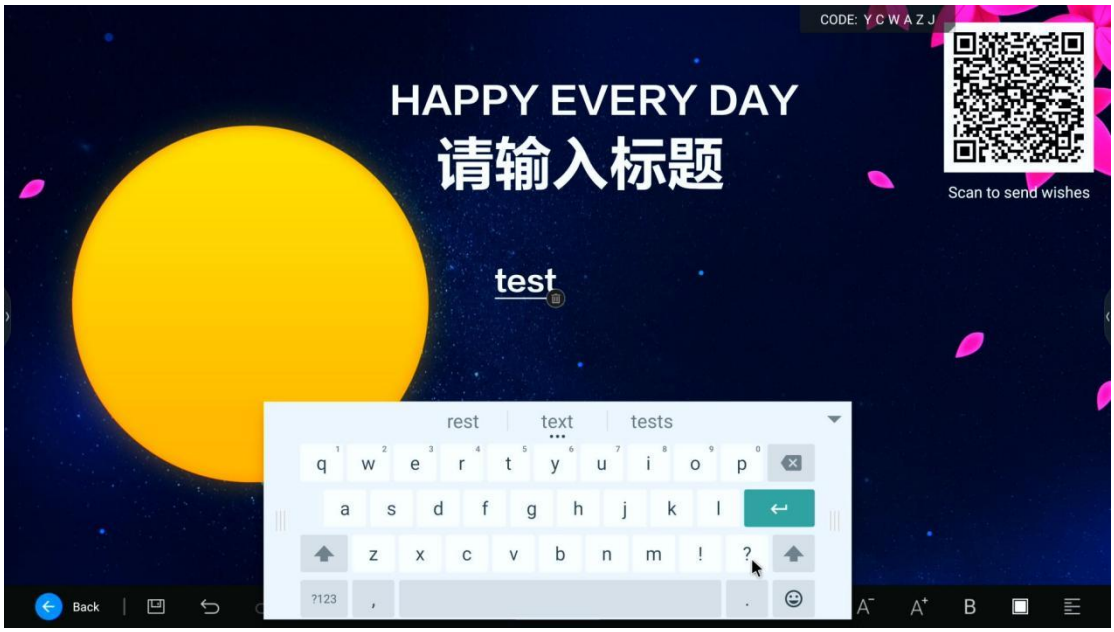
a. Click the icon to set the background image, which can be uploaded locally



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



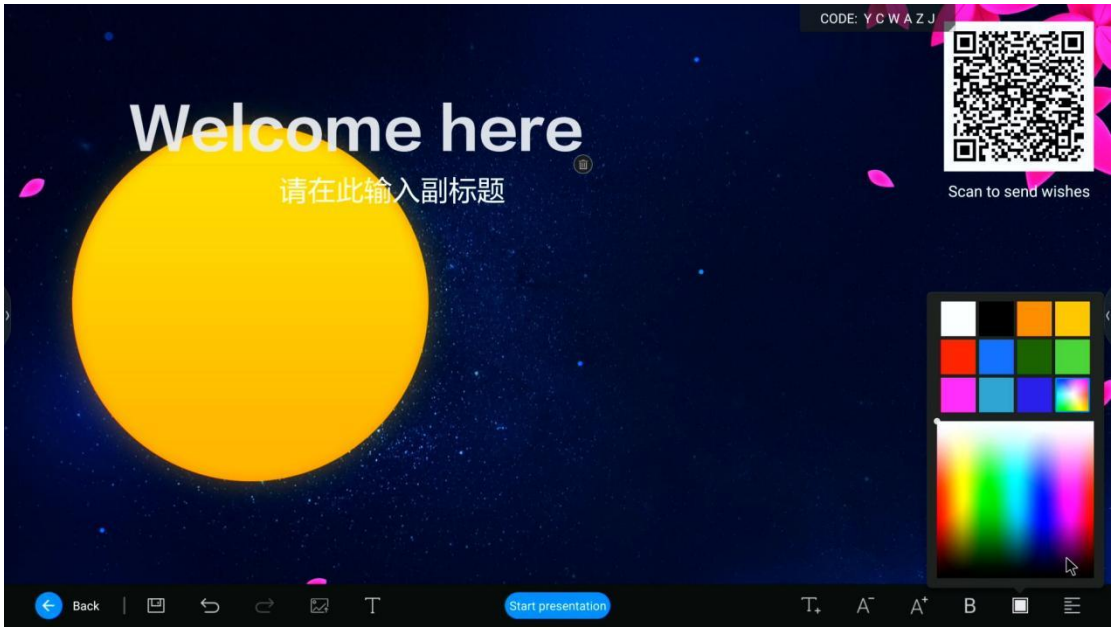
c. Click the icon to edit the text and customize the text content.



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

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

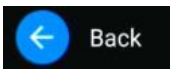
f. Click the icon to customize the color of the edited text



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

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

i. Click the icon to save the template theme

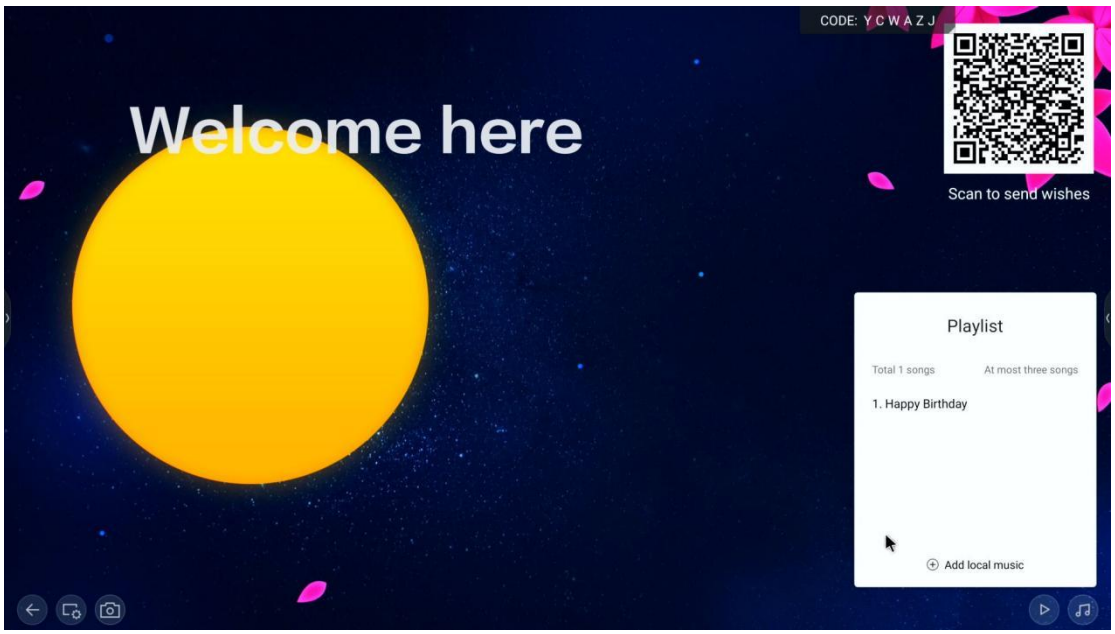
j. Click icon 

to exit topic editing and return to template。

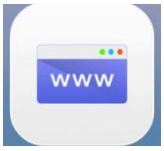
（2）Click the icon to take photos. You need an idle camera.

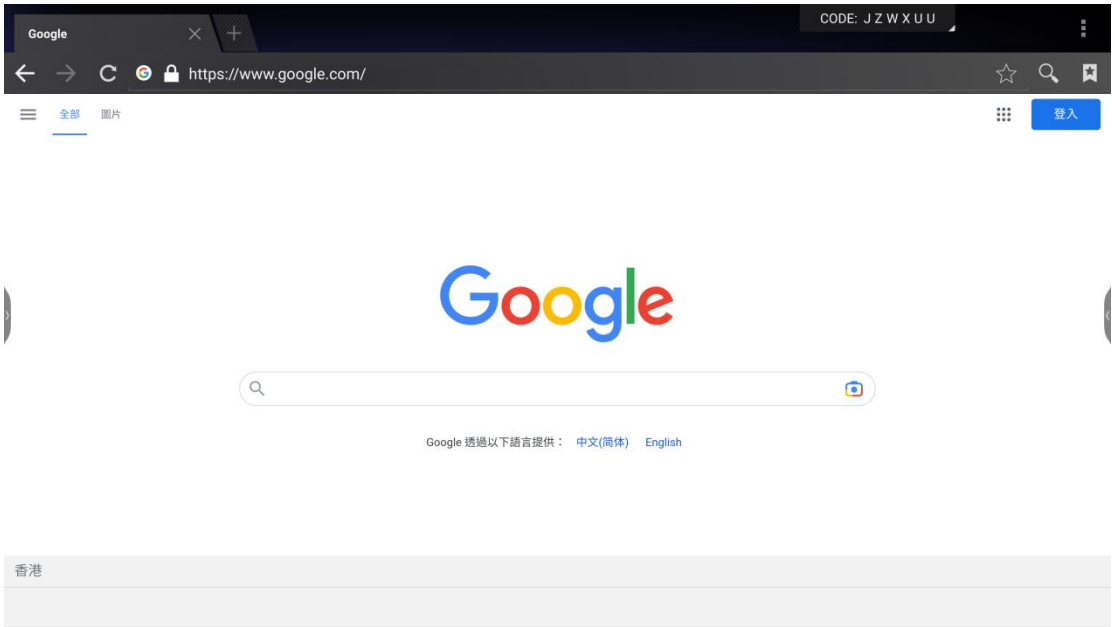
（3）Click the icon to automatically play the slide

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



2.4 browser

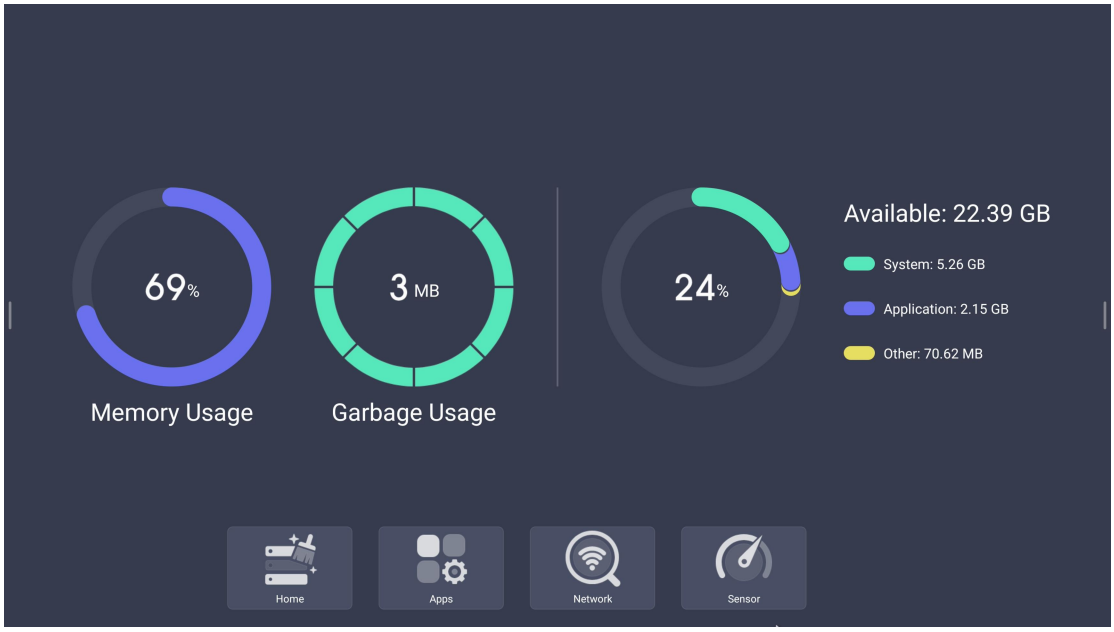
Click the main interface icon  to enter the browser application.



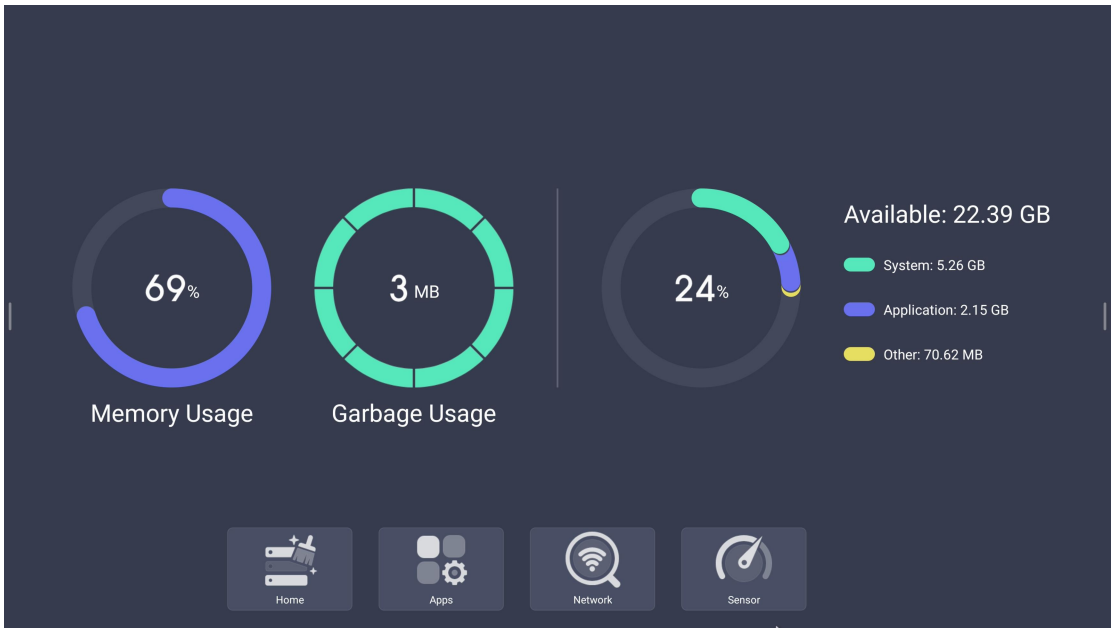
2.5 keeper

Click icon (left or right) —> click icon

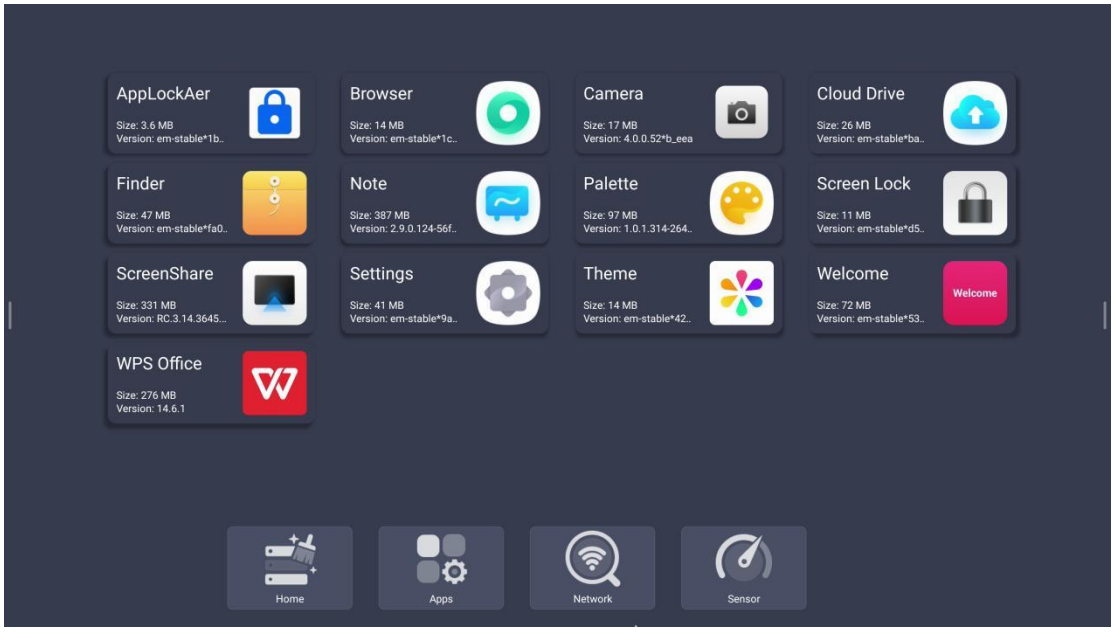
—>click icon enter keeper application.



(1) Click the home icon
as



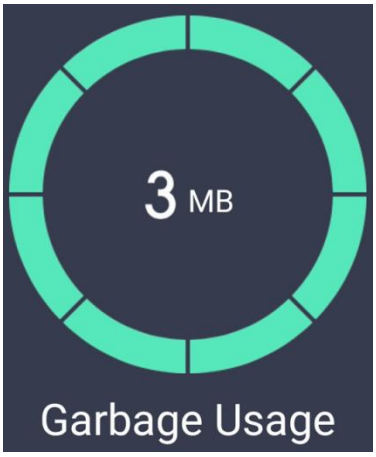
(2) Click the application icon to display as



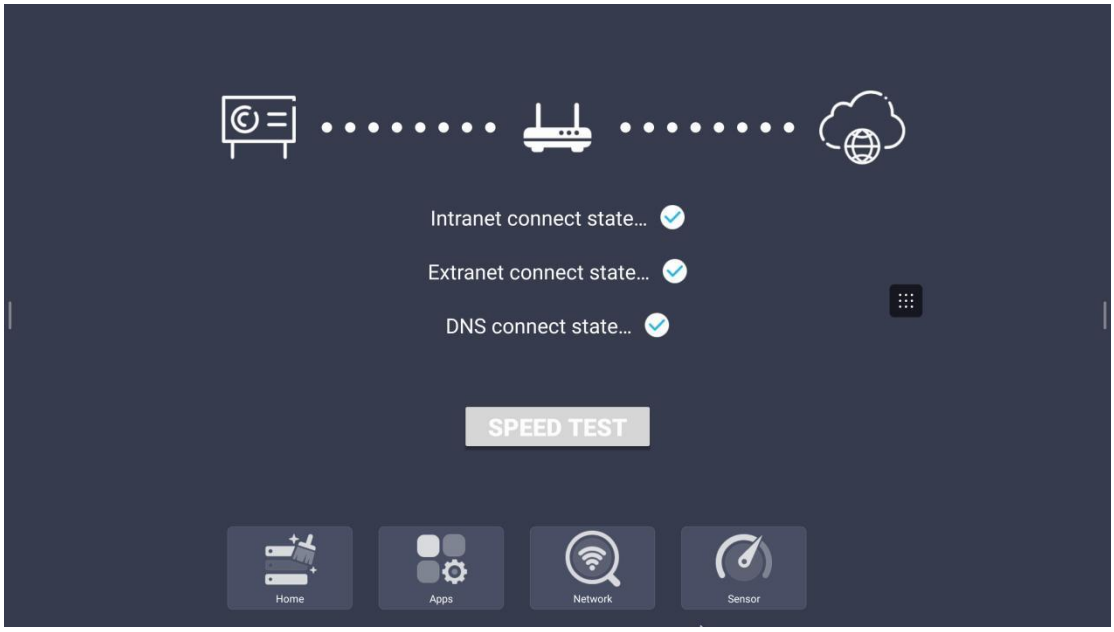
Click the icon to view the version information.

（3）Click to automatically clean up useless files.

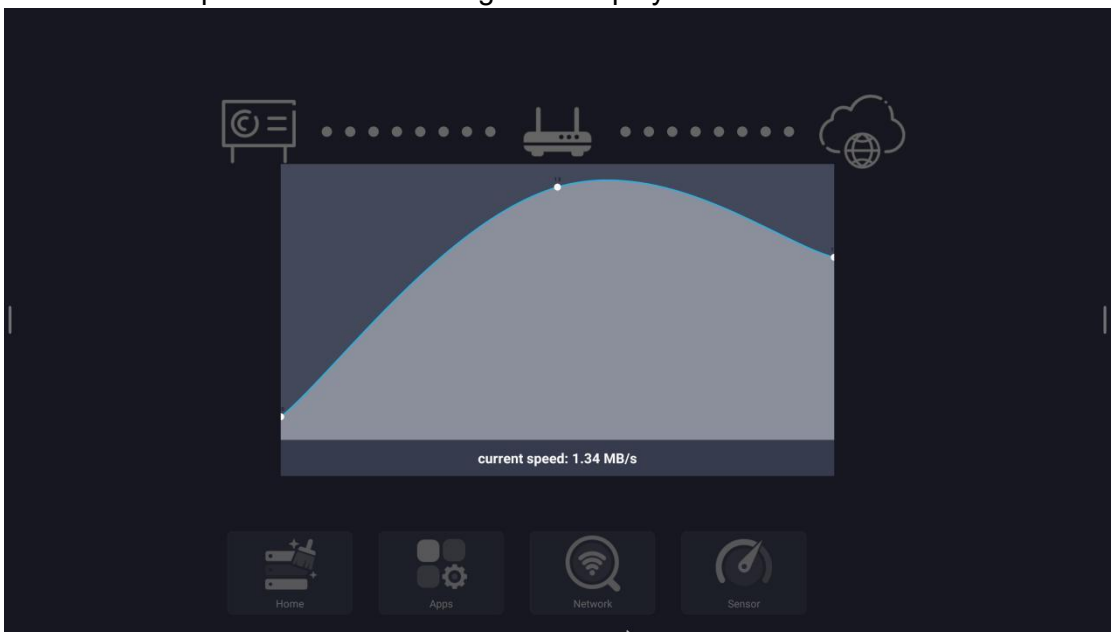
（4）Optimize memory and clean up garbage with one click.



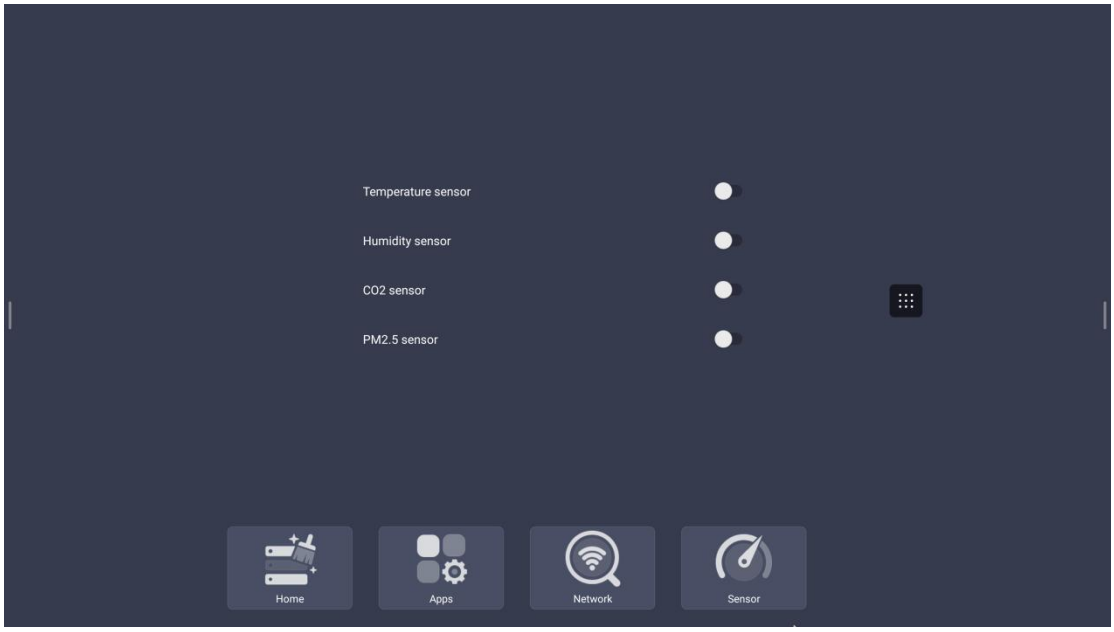
（5）Click on the network icon to view the network status and then click on the network



Click network speed measurement again to display the current network fluctuation



(6) Click the sensor will be displayed as follows, if there is a sensor device can be opened



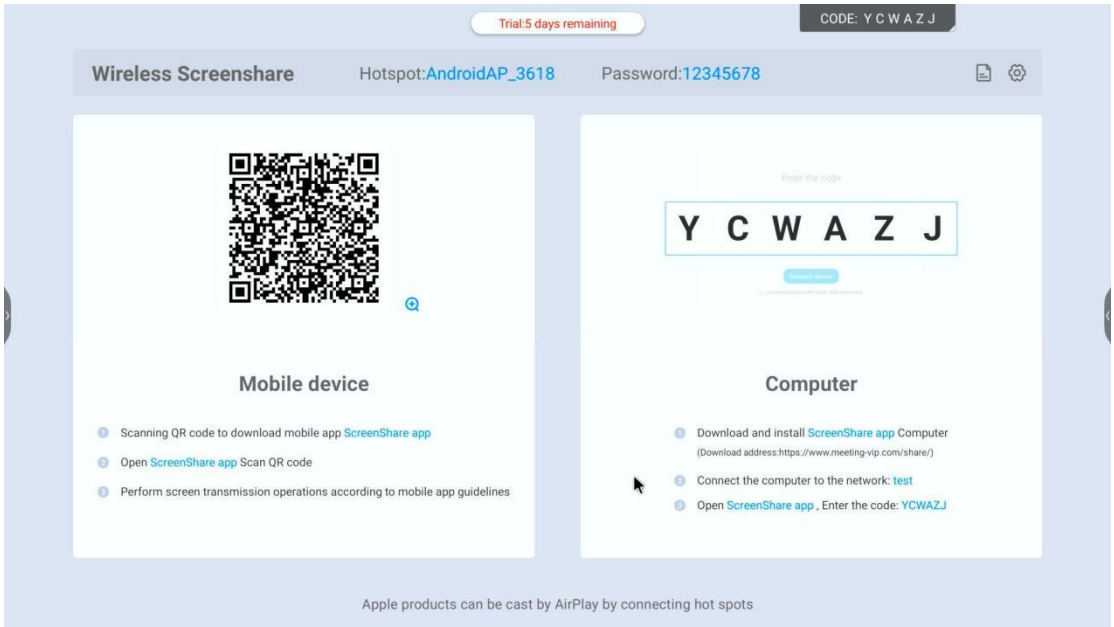
2.6 screen share

2.6.1 function introduction

The main function of the application is to project the contents of mobile phones, tablets or computers onto the conference all-in-one machine through wireless transmission, and truly realize the wireless screen transmission function of the projection device and the projected device (note: mobile phones, tablets or computers need to be in the same LAN as the conference tablet).

2.6.2 操作说明

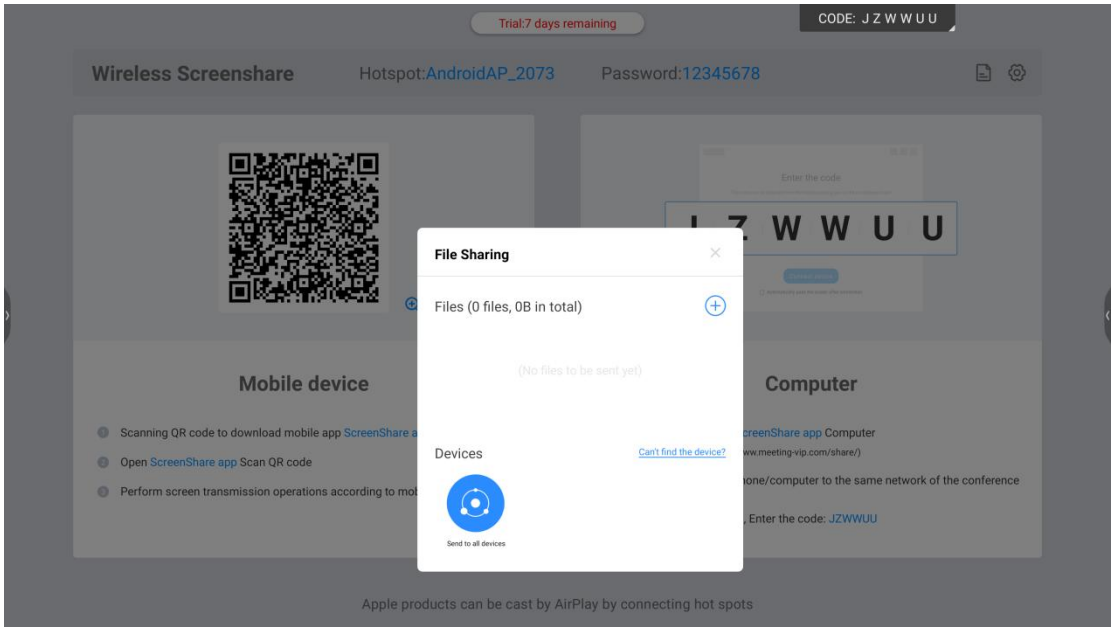
Click the main interface icon to enter the application main interface.



Operating instructions:
a. After the mobile phone or tablet is connected, scan the code to download the client and install it. (The IOS system does not need to install the client); The computer downloads and installs the screen transfer assistant client according to the download address.
b. After installation, the device and the all-in-one machine use the same network. The screen can be cast by opening the screen transfer assistant of Android mobile phone to scan the QR code. The screen can also be transferred by opening the AirPlay connection device of Apple mobile phone. The screen can also be successfully transferred by entering the screen transfer code of the computer.

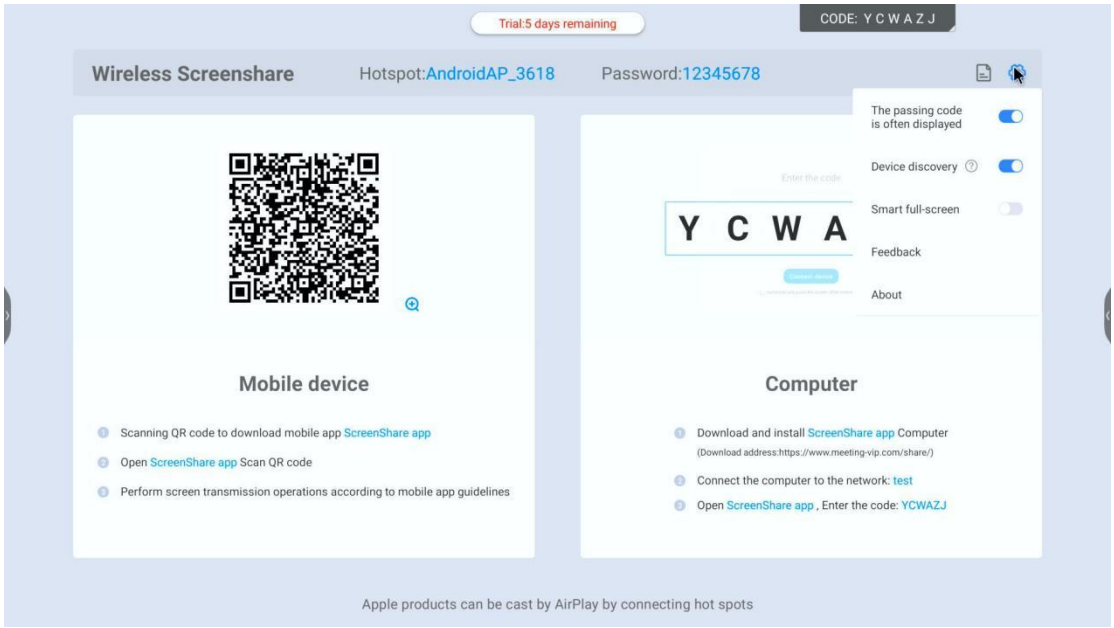
2.6.3 file sharing

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 setting box, which can open and close the screen code display, device visibility, intelligent full-screen function, and also can conduct problem feedback and view about the application.

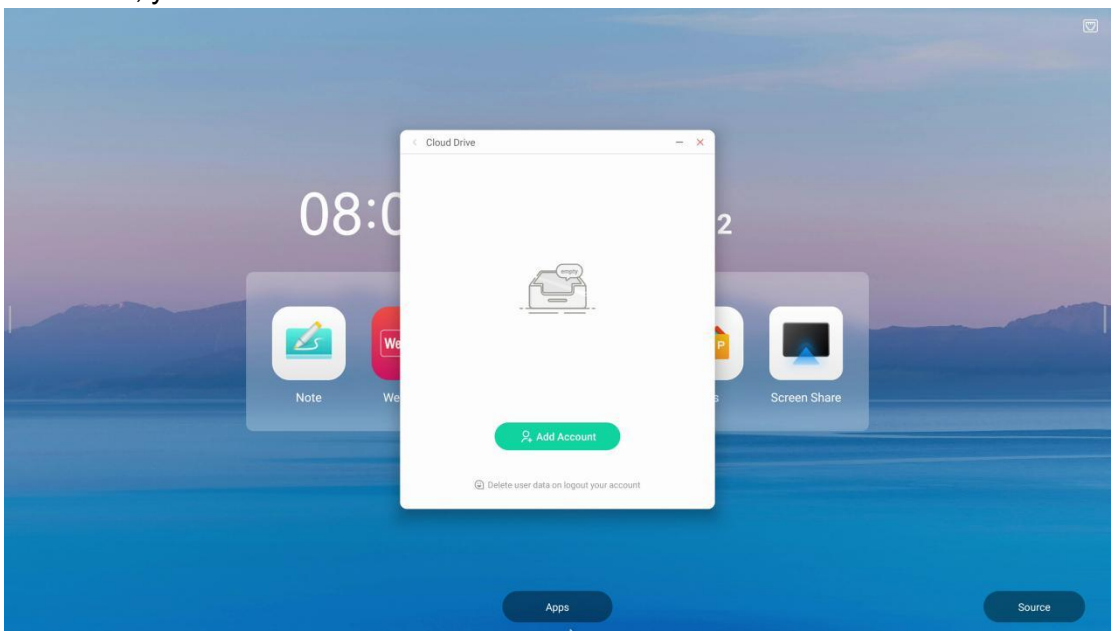


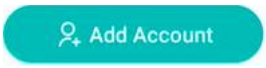
2.7 cloud driver

Click icon (left or right) —> click icon —>click icon

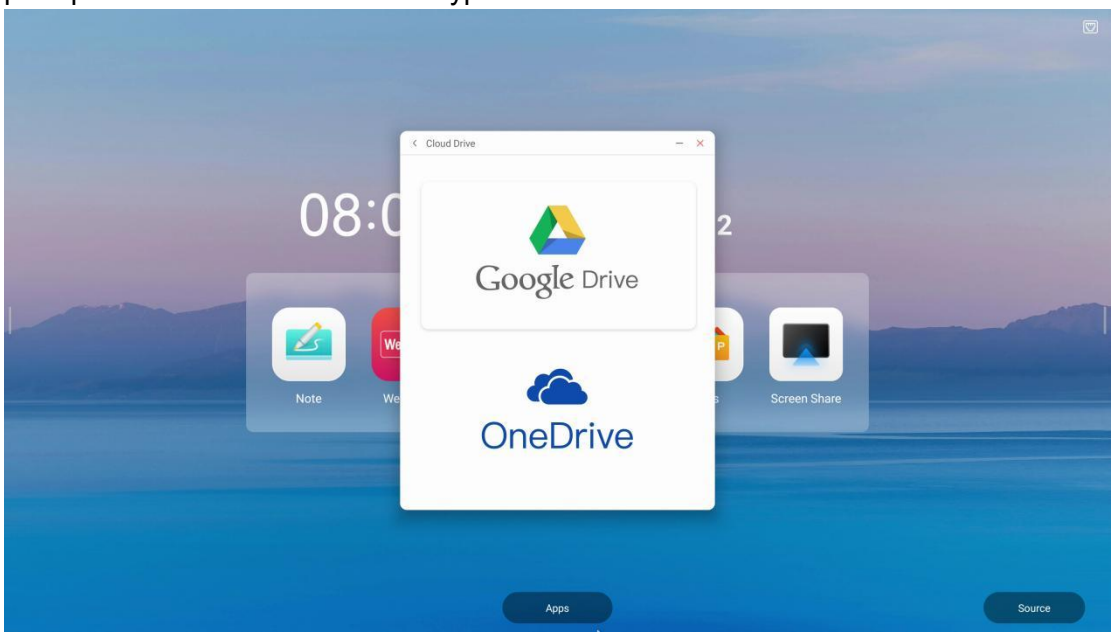
, enter cloud

driver application。First, it will show that the cloud disk has been added. If there is no cloud disk, you can add a cloud disk account.



Click the icon 

to add a cloud disk account, and you will be prompted to select the cloud disk type。

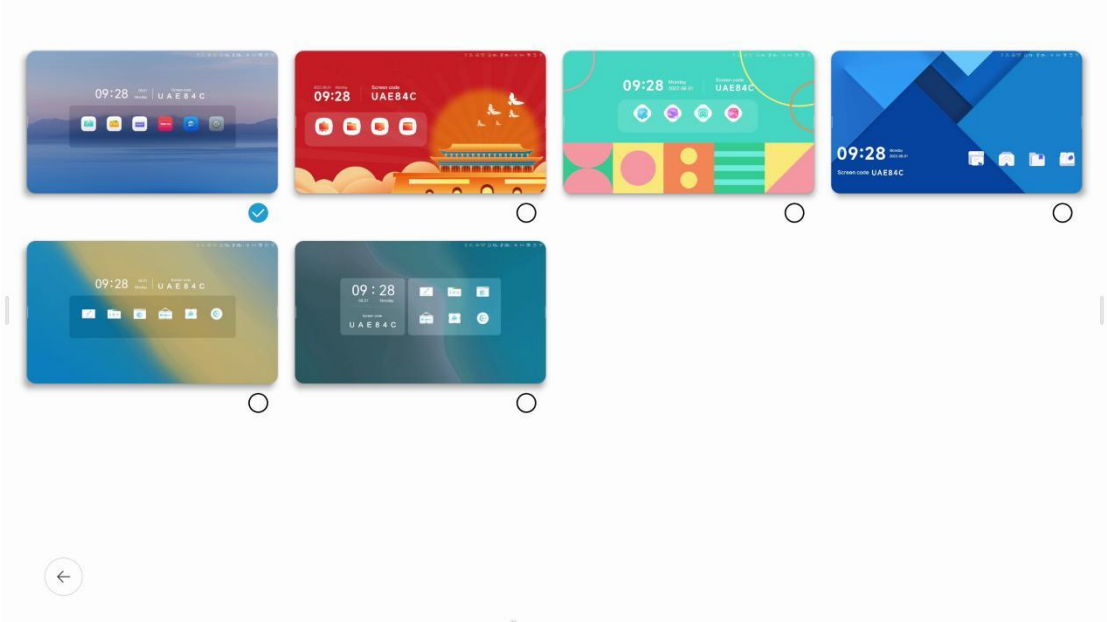


Select the appropriate type and enter the account password to verify login.

2.8 theme

Click icon (left or right) —> click icon

Click subject, enter theme application

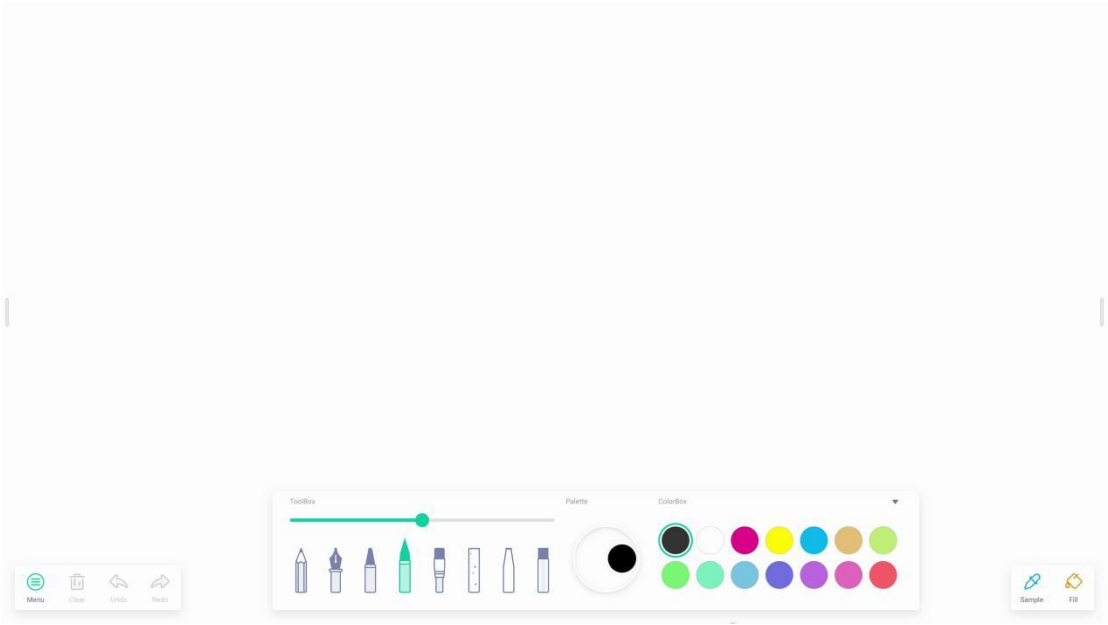


Click the theme thumbnail to view the large image.

Click “choose” to set it as a theme.

2.9Drawing board

Added artboard application



FCC Caution.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Antenna Information:
Antenna installation: External antenna
Antenna Gain: 2.4G: 3.15 dBi; 5.1G: 3.58dBi
Antenna Size: 108mm*9.210mm
All antennas are identical.