



# **USER MANUAL**

Driger SMART Interactive Board with Dual OS Enjoy stunning visuals with 4K UHD resolution, delivering sharp, vivid images and supporting full-channel 4K UI display, ideal for professional presentationa and interactive sessions.





# Safety Reminder

To protect the device and operating personnel from electrostatic discharge, you need to check and ensure that the device is grounding well before the device is powered on. Please observe the following when you install, use, maintain this equipment.



Make sure the device ground connection.

#### **Disposal Instruction (US)**

For better protection of our earth, please don't throw this electronic device into municipal trash bin when discarding.

To minimize pollution and ensure utmost protection of the global environment, please recycle the product. For more

information about the collection and recycling of Waste Electrical and Electronic Equipment (WEEE), please contact your local dealers.

#### **Safety Instructions**

- 1. Please read these safety instructions carefully.
- 2. Please keep this User Manual for later reference.
- 3. Please disconnect this equipment from connecter before cleaning. Don't use liquid or prayed detergent for cleaning. Use moisture sheet or cloth for cleaning.
- 4. Make sure the equipment is connected to the power source with the correct voltage, frequency, and ampere.
- 5. All cautions and warnings on the equipment should be noted.
- 6. Never pour any liquid into opening, this could cause fire or electrical shock.
- 7. Never open the equipment. For safety reason, the equipment should only be opened by qualified service personnel.
- 8. If one of the following situations arises, get the equipment checked by a service personnel:
  - a. Liquid has penetrated into the equipment.
  - b. The equipment has been exposed to moisture.
  - c. The equipment has not work well or you can not get it work according to user's manual.
  - d. The equipment has dropped and damaged.
  - e. If the equipment has obvious sign of breakage.
- 9. Ambient operation temperature: 0  $^{\sim}$  45 degrees.
- 10. Risk of overheating! Don 't put operating/installing equipment inside too closed space, be sure the installation space at least 1 to 2 inches or 2 to 5 cm of space for ventilation. To ensure that other objects do not cover the equipment.

#### **Notice: Peripheral devices**

Only peripherals (input/output devices, terminals, player, etc.) certified to comply with Class B limits may be attached to this equipment. Operation with non-certified peripherals is likely to result in interference to radio and TV reception.

#### Caution

Changes or modifications not expressly approved by the manufacturer could void the user's authority, which is granted by the Federal Communications Commission, to operate this equipment.



# Operation Introduction for Education OSD



# **Chapter 1: System description**

## 1.1 System home page

Enter the main interface by default after startup



- (1) There is a channel switch in the lower right corner
- (2) There is an OPS entry in the lower left corner

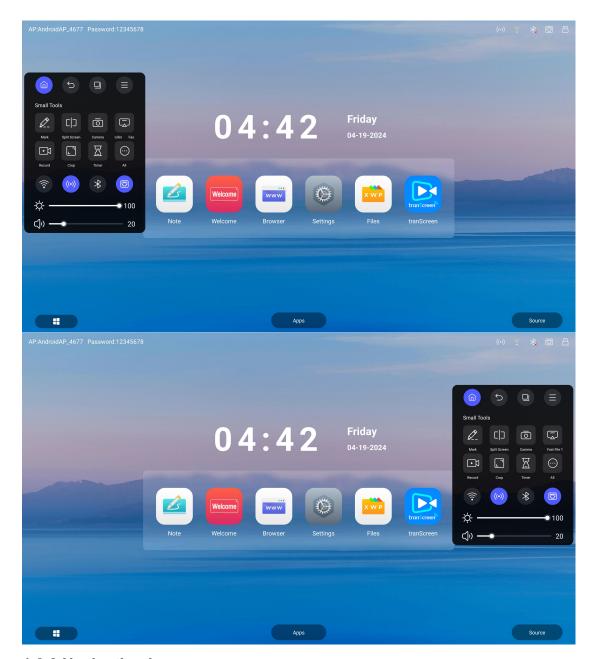
#### 1.2 Sidebar

#### 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

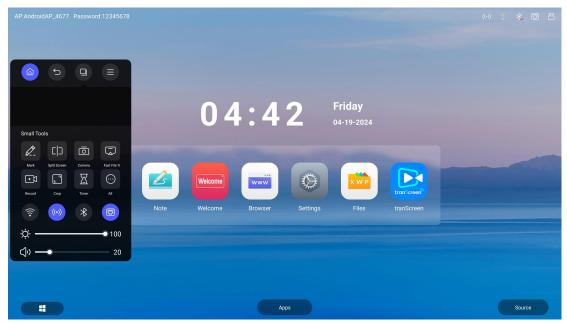
Click icon enter the main interface of the system.

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.

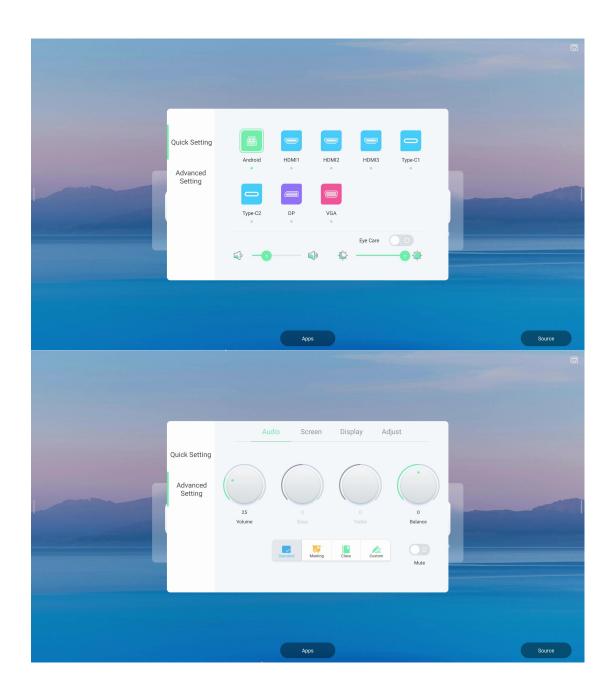


- (3) Touch and drag the process thumbnail to slide left or right until it slides out of the process list area Release the thumbnail to close the application process.
  - (4) Click the process thumbnail to enter the application process.
  - (5) Click the X button to clean all the background.

#### 4.menu

Click the loon 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

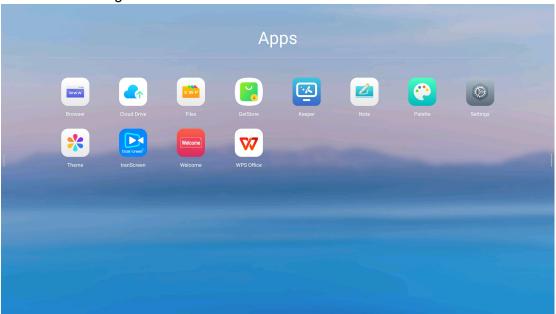
Click icon enter finder application, This is a shortcut.

3. More applications

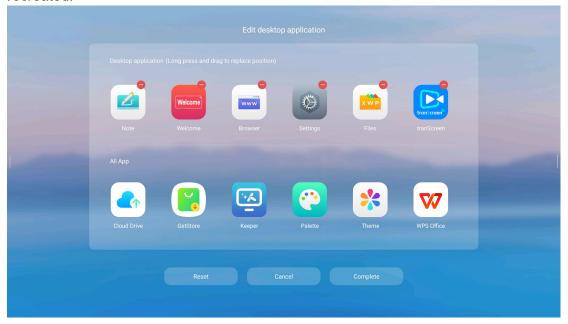
Click icon , More application interfaces pop up, including operation guide, welcome interface, quick whiteboard (whiteboard writing), browser,



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.



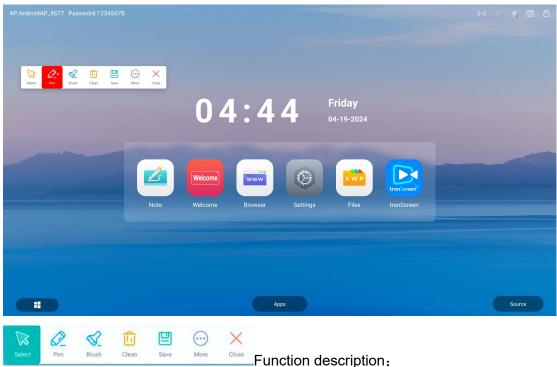
#### 1.2.4 annotation

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.



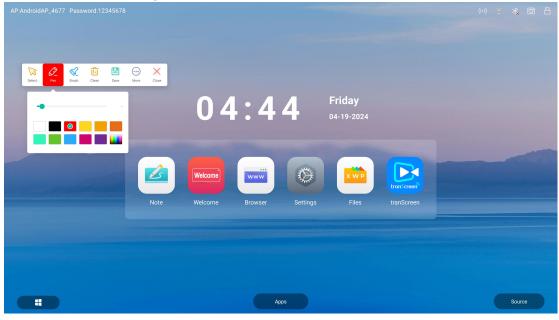
Click icon (left or right) —> click icon 

You can enter the annotation mode



(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 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.



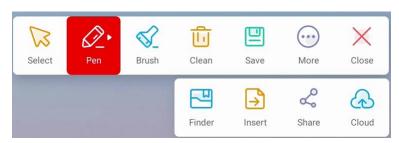
(4) Select select: click the icon, exit the annotation mode and prompt to save the annotation content. Touch to resume normal operation, and the annotation function bar will not disappear.



(5) Save save: click the icon can save the current annotation content to PNG file.



(6) More solick the icon call out





a. Finder 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 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 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.



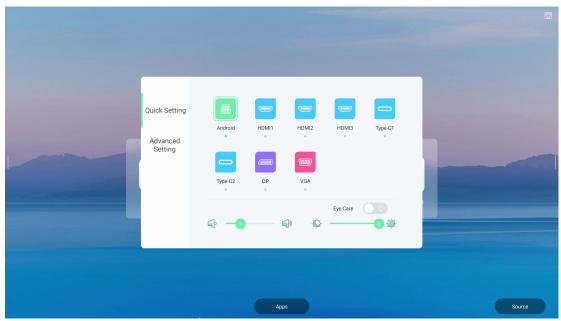
(7) Exit Close: Click the icon to exit the annotation mode.

#### 1.2.5 settings

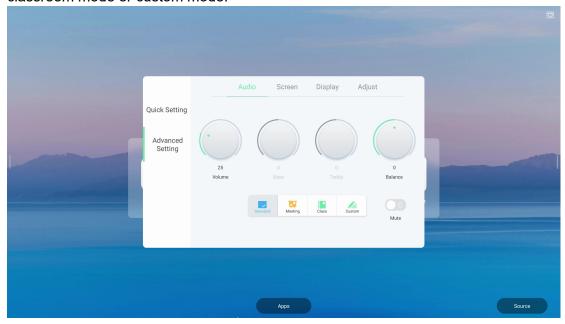
Click the icon to open the settings. There are two columns: Quick Setting and Advanced Setting.

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.



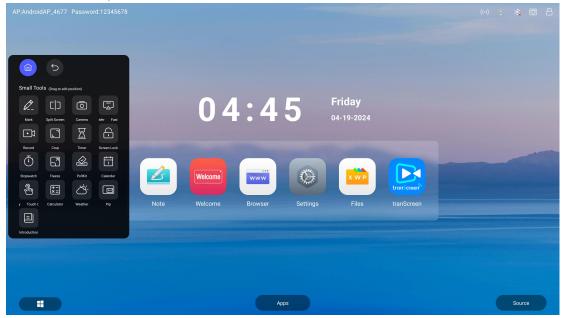
#### 1.2.6 more tools

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





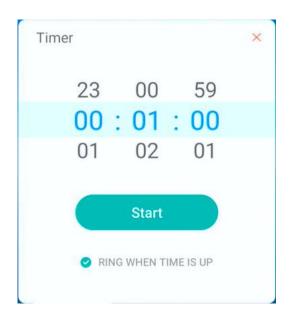
Click button "Edit" to sort or reset these tools by touching and dragging the tool icon. Click "+" in the upper right corner of the icon to add to the desktop, click button "Reset" to reset, and click button "Finish" to save the modification.



#### (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.



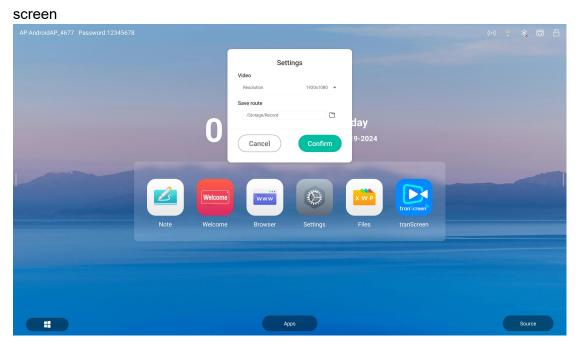


#### (2) Record

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



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



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

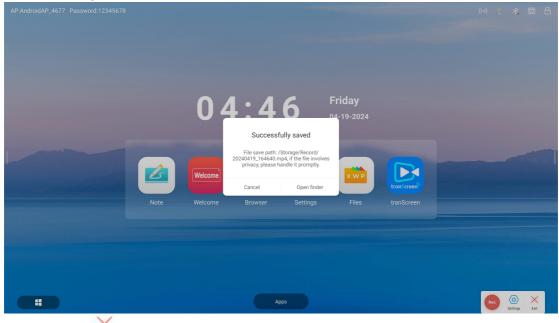




At this time, click the icon to pause the recording. After pausing, click again to continue the recording. Click again to expand and change

. Click again to collapse 000008 00 0 S. Click

end the recording and save. After saving, you will be prompted whether to open the file for viewing.

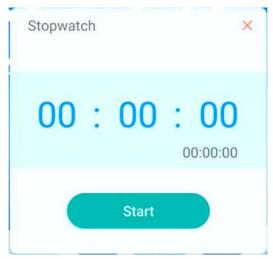


c. Click Exit to exit the screen recording tool.

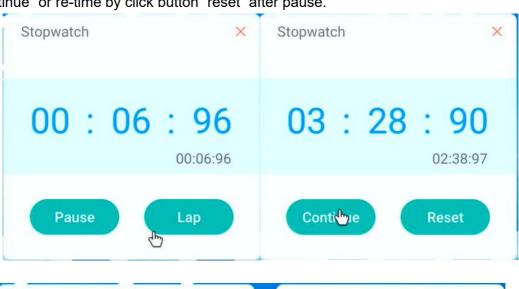
(3) Stopwatch

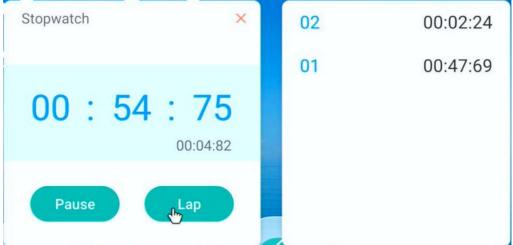


Click the icon stopwatch to enter the stopwatch tool, and click button "start" to start timing.



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.

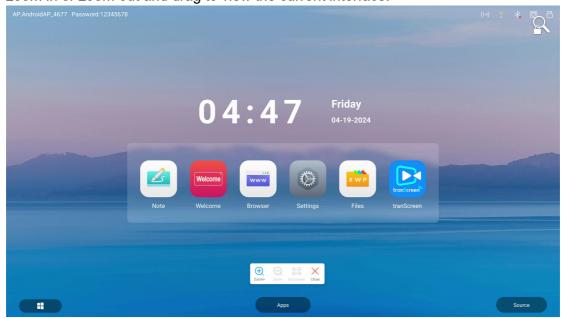






#### (4) Freeze

After clicking the icon freeze, 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.



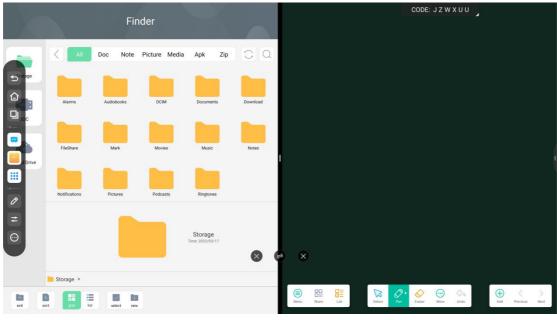


(6) Split screen

Click the icon solit 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.



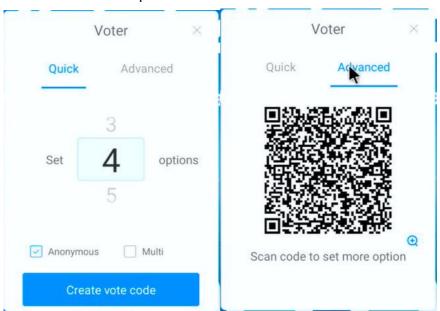
(7) camera

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



#### (8) Pollkit

Click the icon Polikit 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

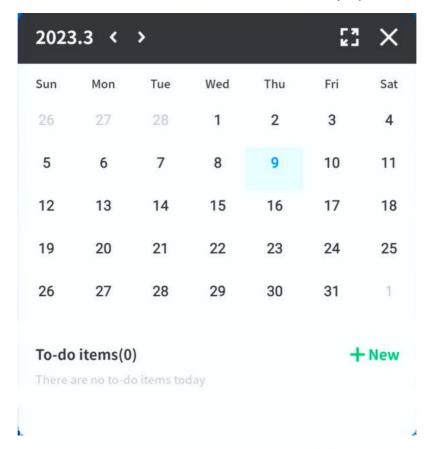
Click the icon Fast File Tran... to open the file fast transfer tool, which will generate a QR code for users to scan and upload files.



(10) Calendar

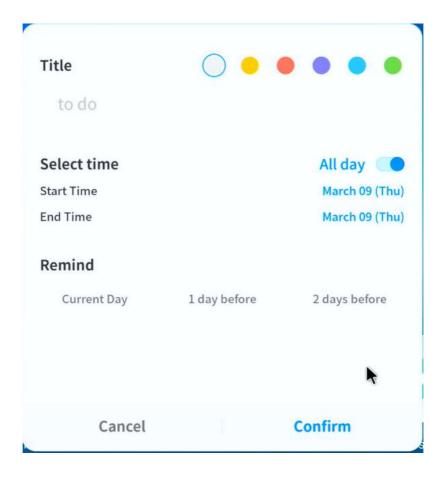


Click the icon to enter the calendar tool to view the perpetual calendar



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 ScreenLock 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.

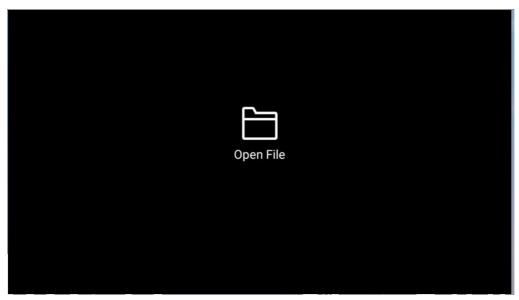
#### (13) Calculator

Click the icon calculator to enter the calculator tool.

#### (14) Miniplayer







(15) Weather manager

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

#### (16) PIPpicture within picture

Click the icon

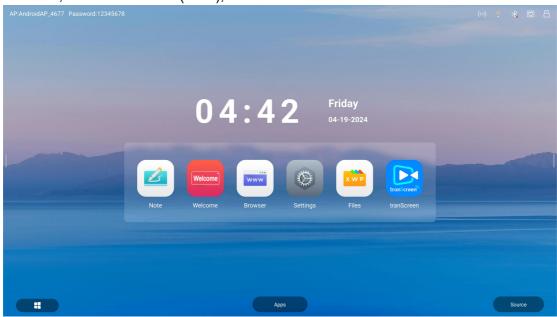
The picture-in-picture function can be opened





#### 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.



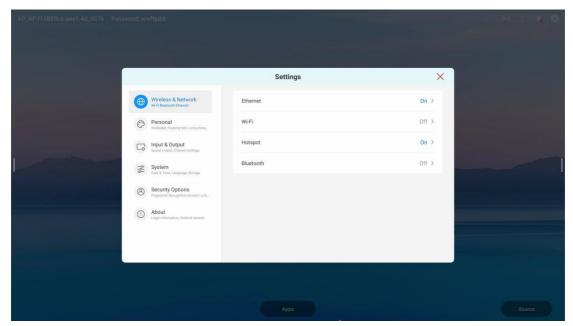
- (1) click : Enter the hotspot setting interface. This icon can also indicate the hotspot switch status, which is currently turned on.
- (2) click : Enter the Ethernet setting interface. This icon can also indicate the Ethernet connection status, which is not currently connected.
- (3) click Enter the 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

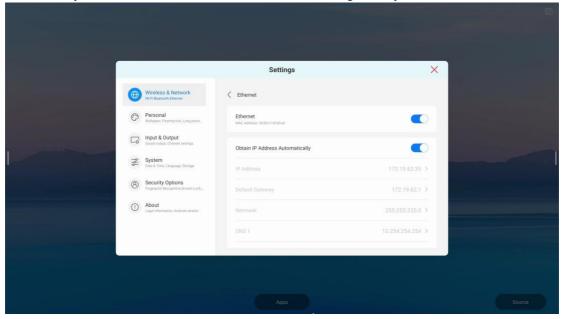
System settings mainly include wireless and network, personalization, input and output, system and other functions.

#### 1.4.1 Wireless and network



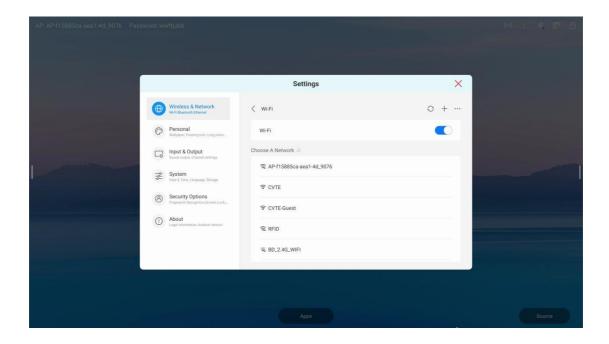


(1) Ethernet: set the Ethernet function on or off to automatically obtain IP address or manually set Ethernet information such as IP and gateway.

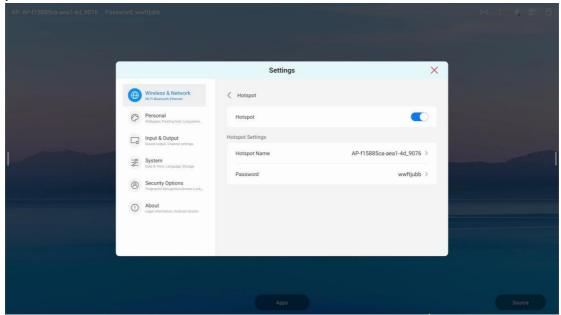


(2) WI-FI: Set the WIFI switch status. After it is turned on, the available network can be automatically obtained and displayed.



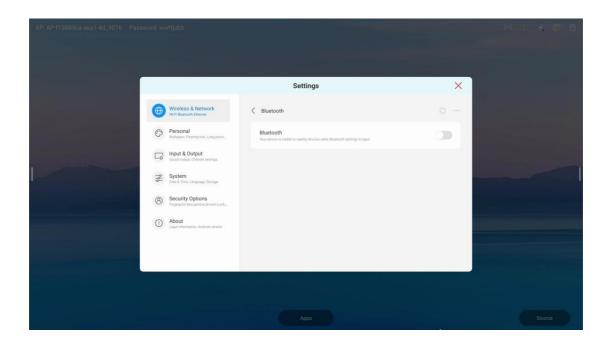


(3) Hotspot: set the hotspot on or off, and you can configure the hotspot name and password.

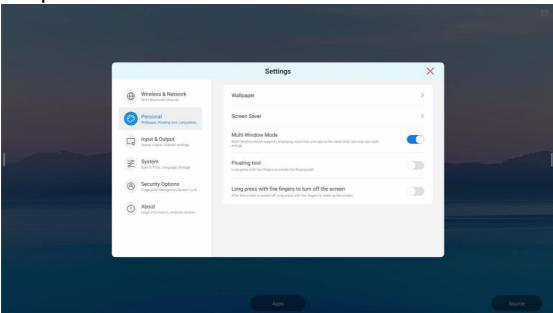


(4) Bluetooth: Set whether Bluetooth is visible to other devices, rename Bluetooth devices or view received files, and connect to devices in the list of available devices.



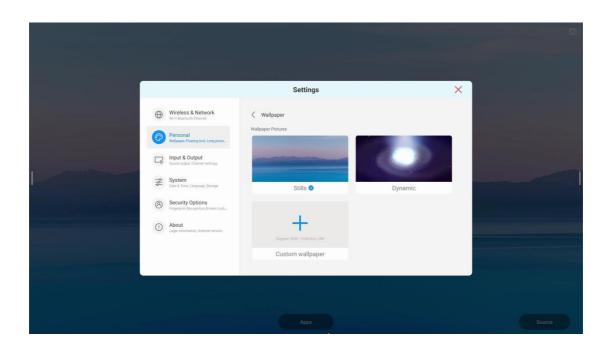


#### 1.4.2 personal

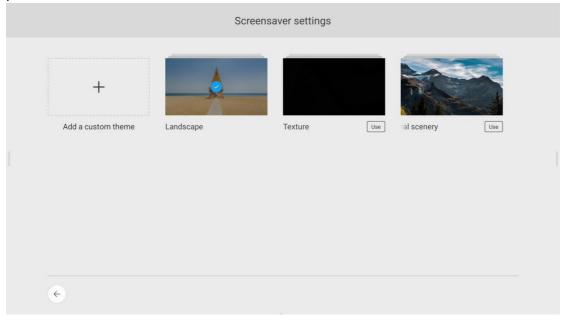


(1) Wallpaper: static or dynamic wallpaper can be set, and custom wallpaper can also be added.





(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

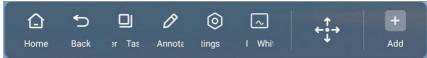


# 

#### (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

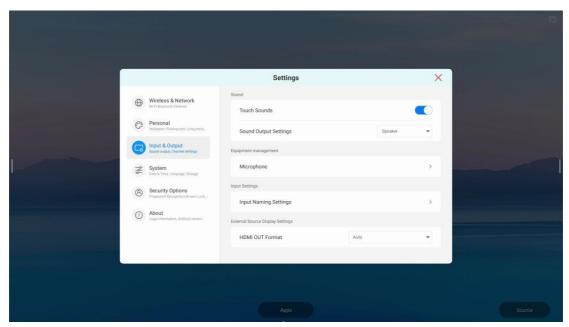




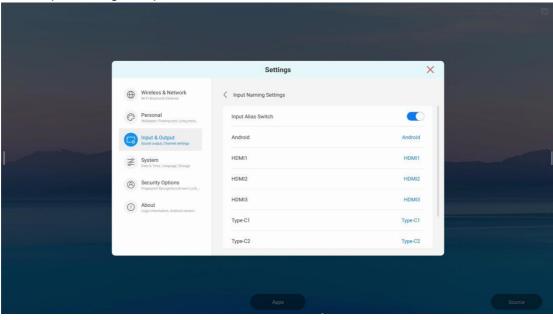
(6) Five-finger long press the screen: After setting the five-finger long press can turn off the screen or wake up the screen.

#### 1.4.3 input & output





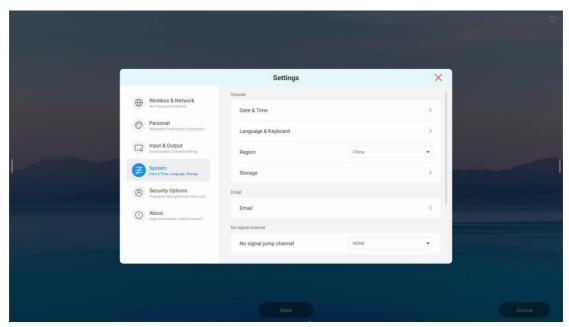
- (1) Sound:
  - a. Touch sound can be turned on or off
  - b. Set sound output: speaker, lineout, mixed
- (2) equipment management:
  - a. Turn on or off USB lock
  - b. Miscrophone
- (3) Input settings: Input channel alias can be set



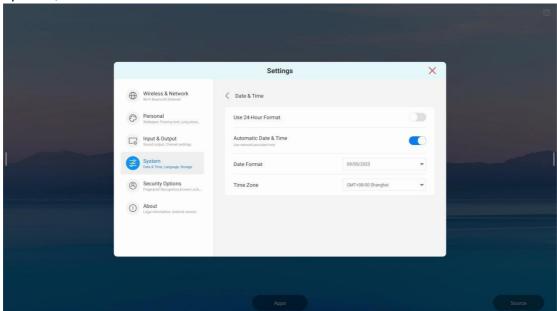
(4) External Source Display Settings: HDMI OUT format selectable 1080P\_ 60Hz and 3840  $\,\times\,$  2160\_ 60Hz

#### **1.4.4 system**



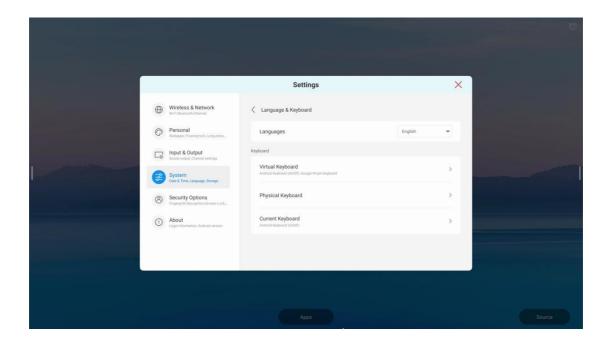


(1) Date & time: 12/24 hour system is optional, whether to use network time is optional, and date format and time zone can be set.



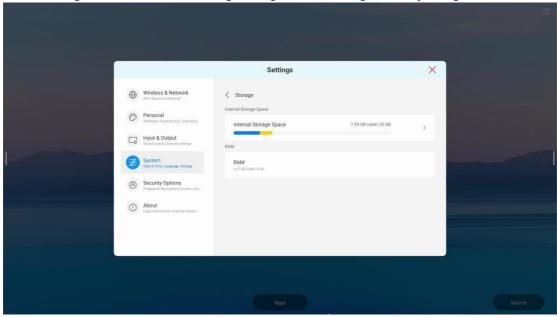
(2) Language & keyboard: set system language, switch input method, virtual keyboard entity keyboard options.





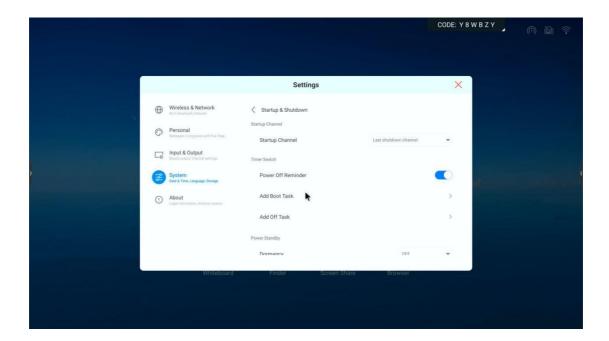
(3) region: Select the country and region to use.

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



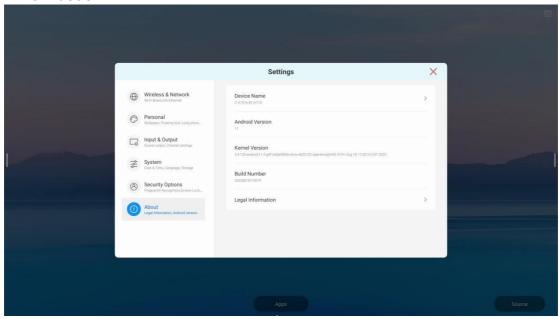
(5) Startup & shutdown: startup channel, scheduled startup/shutdown plan, shutdown prompt, screen saver time, sleep time, and screen saver display.





- (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**

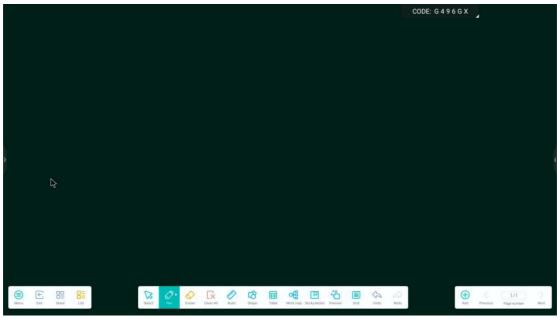
### 2.1 whiteboard

#### 2.1.1 Enter whiteboard

There are two ways to enter the whiteboard:

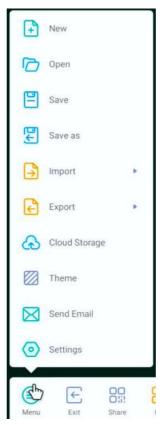


(1) Click icon to enter the whiteboard writing application from the main interface.

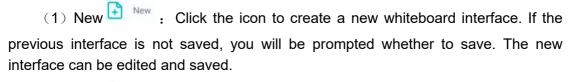


#### 2.1.2 Menu

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

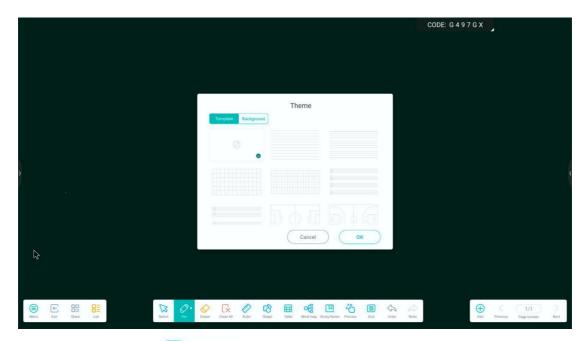






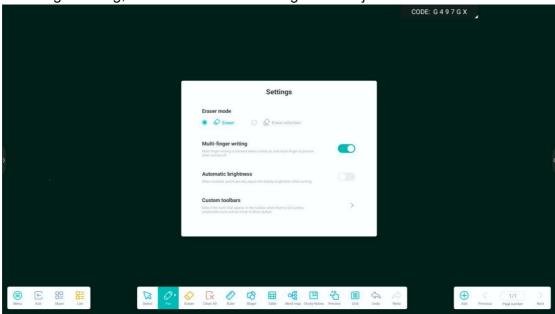
- (2) Open copen: Click the icon to open the file under the directory where the whiteboard file is saved. Click the file to open it directly, and you can edit and save it again.
- (3) Save : Click the icon to save the currently written content. The default time is named to save. The user can customize 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 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 Theme: Click the icon to set the template and background.





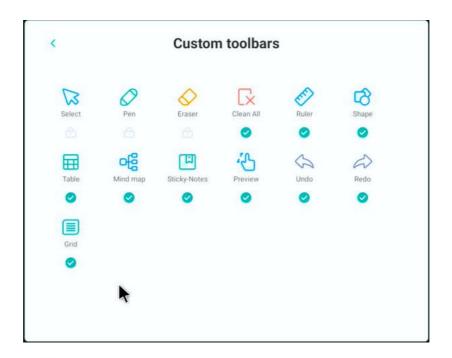
(9) Send email Send Email: Click the icon to save the current whiteboard content and send it by email. You need to set the administrator user email address.

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



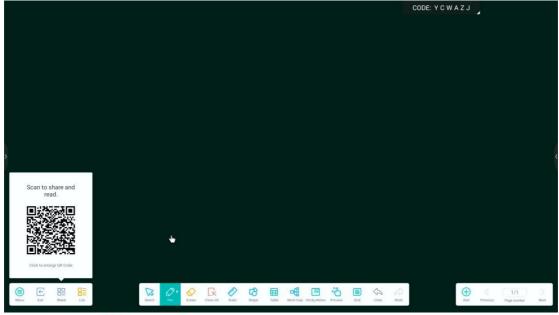
Custom toolbar: except for some tools that are locked in the toolbar, you can set whether other tools are displayed in the toolbar.





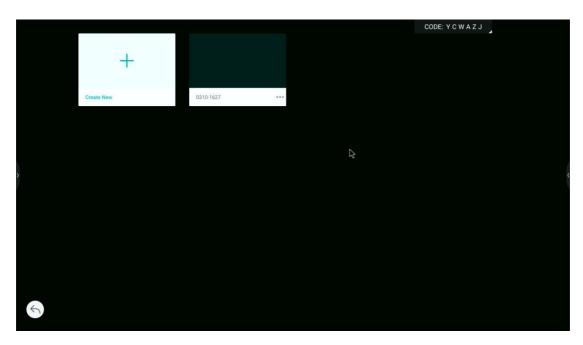
(11) Exit Exit : Click the icon to exit the whiteboard application. If there is any unsaved content, you will be asked whether to save it, and then return to the main interface directly.

(12) Share 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.



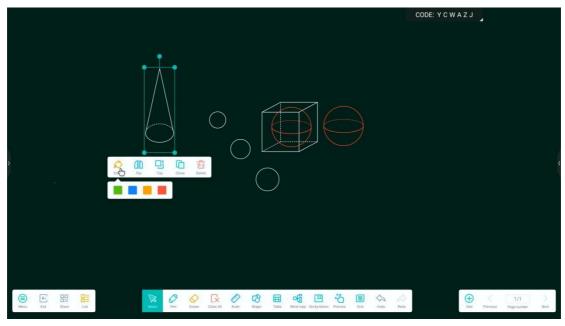
(13) List : Click the icon to enter the file list. In the current interface, you can create new files, rename existing files, view paths, and delete files.





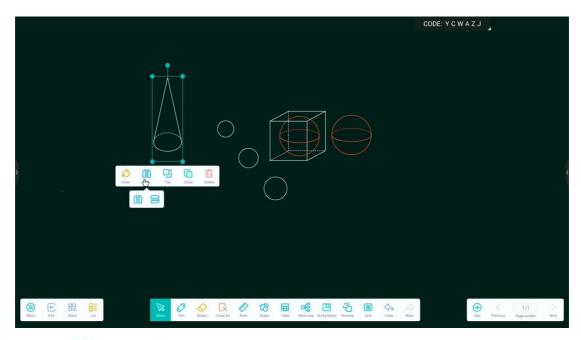
## 2.1.3 Based operations

- (1) Select 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 color: Click the icon to change the color of the selected content.

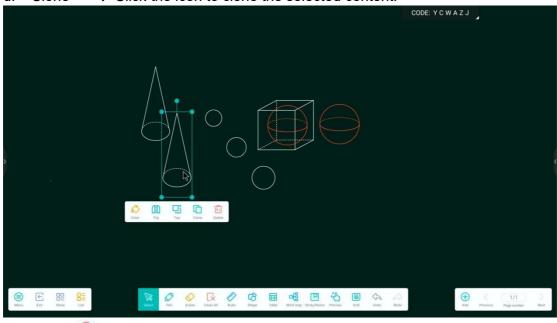


b. Flip : Click the icon to flip the selected content up and down or left and right.



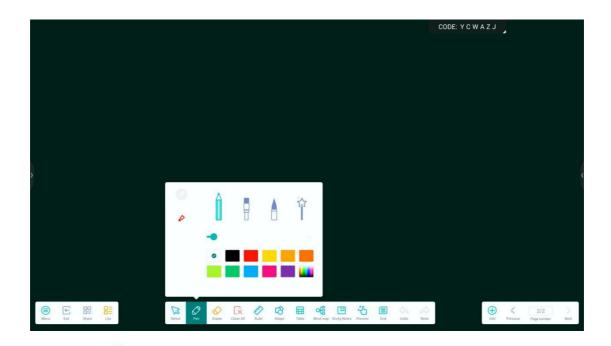


- Oj.
- c. Top : Click the icon to put the selected content on the top.
- d. Clone clone : Click the icon to clone the selected content.

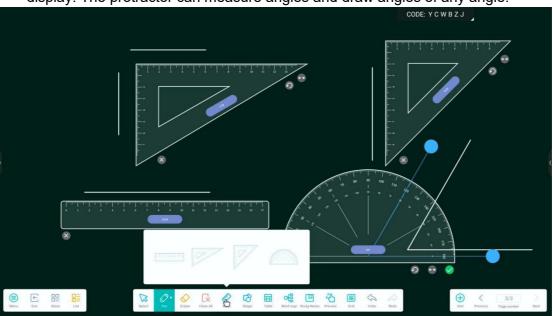


- e. Delete  $\mbox{\tiny Delete}$  : Click the icon to delete the selected content.
- (2) Pen en : Click the icon to enter the writing mode, which is also the default mode after the application is opened. Click again to select the pen type, color and thickness. Click the icon to expand the color palette and customize the brush color.



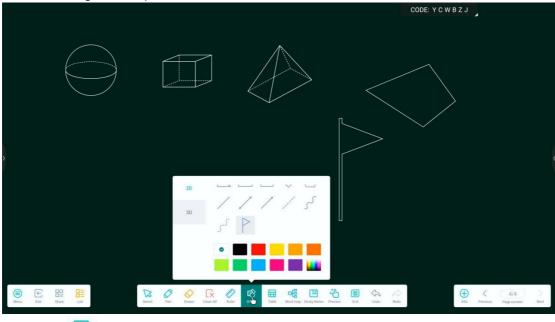


- (3) Eraser Eraser: Click the icon to enter the eraser mode. The written content can be erased by touching. Click the icon again to adjust the eraser range.
- (4) Clean all Clean All: Click the icon to completely clear the written content, shape, etc. of the current page. If you want to restore the cleared content, you can click the icon 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.

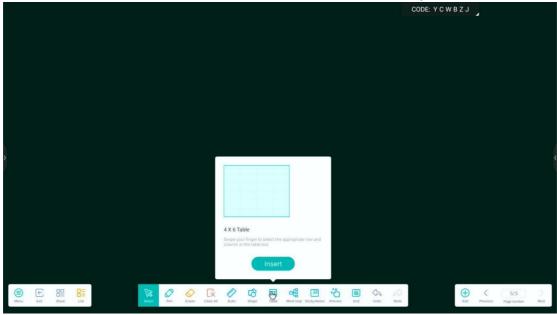




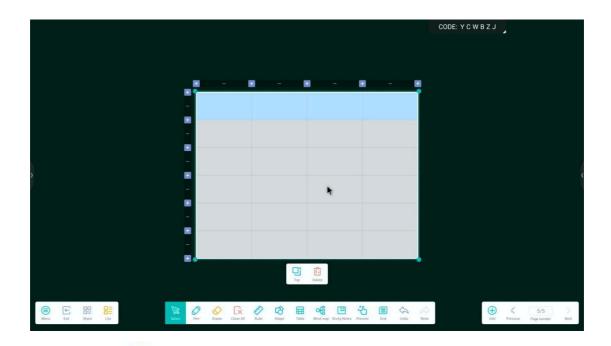
(6) Shape shape: Click the icon to draw standard graphics by touching and dragging on the whiteboard interface. Click again to select graphics shapes, switch between plane graphics and three-dimensional graphics, and customize colors. Click the icon to intelligently beautify according to the rough shape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



(7) Table 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.



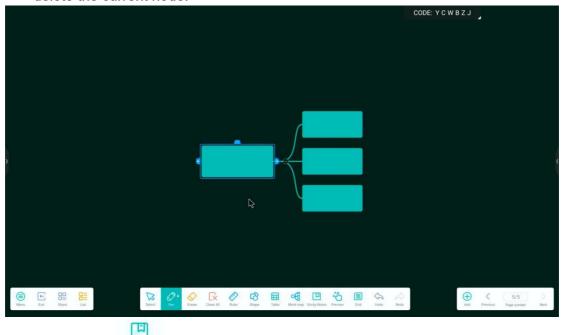




(8) Mindmap Mindmap: Click the icon to insert an initial mind map on the current page.

06

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 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

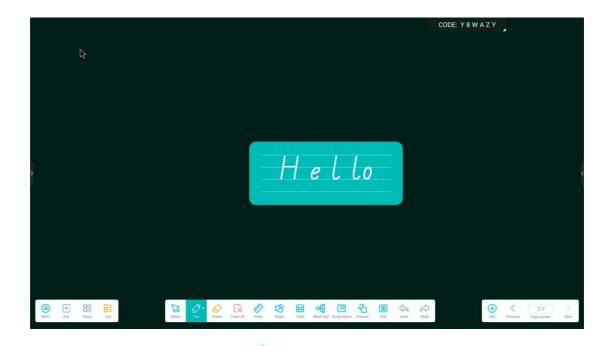




"ok" to add the note successfully.

- (10) Preview: 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.





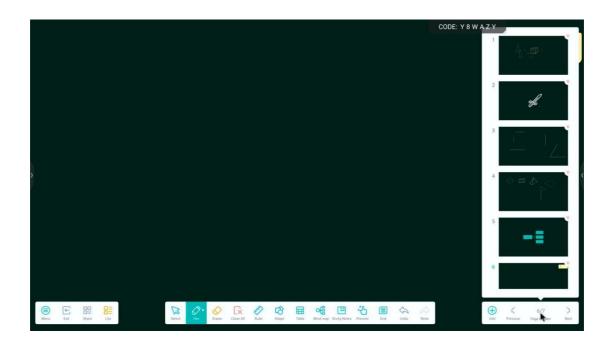
(12) Undo & Redo: Click the icon to undo the unsaved operation. You can undo



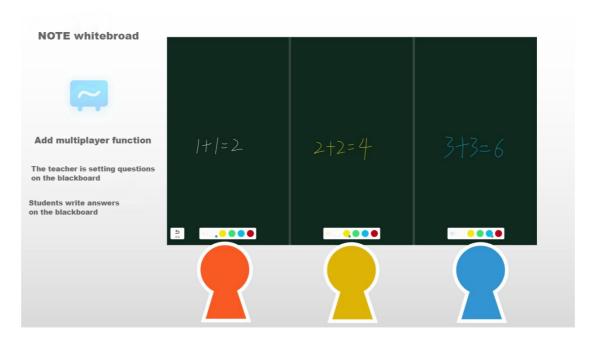
it multiple times. If you want to undo it multiple times, you can click the icon to resume the undo operation. Similarly, you can undo it multiple times.

- (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 Previous and icon Next to switch pages.
- (15) Page number Page number: click the icon to view all page thumbnails. You can select a page thumbnail to switch or delete.

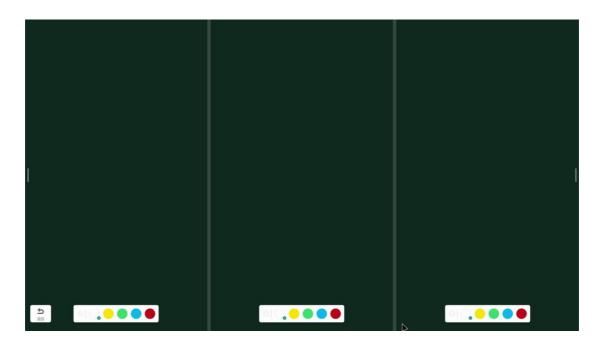




### (16)Multiple person writing



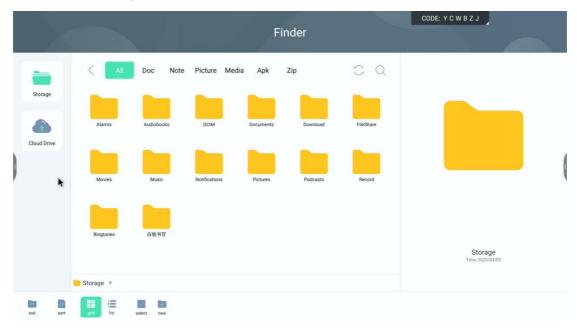




# 2.2 finder

### 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:

All Doc Note Picture Media Apk Zip can

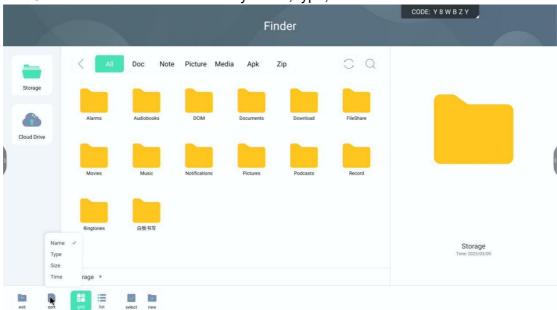


display the contents of the current directory by format.

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

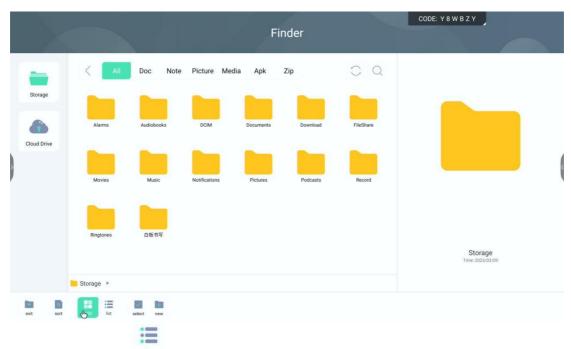


(3) display form:

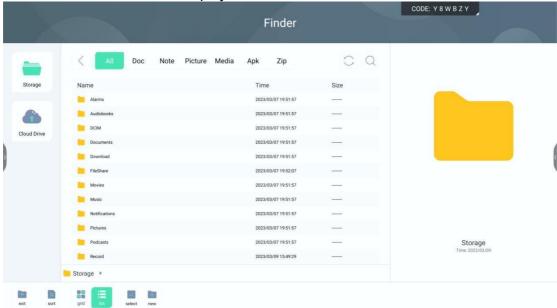


Click the icon grid to display the file in grid tiles;





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



## 2.2.3 toolbar

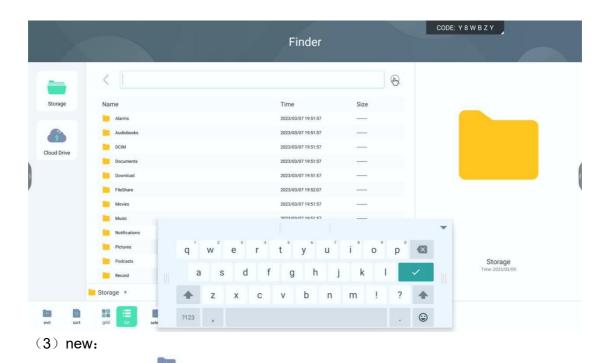
(1) renovate:

Click the icon to refresh the file content.

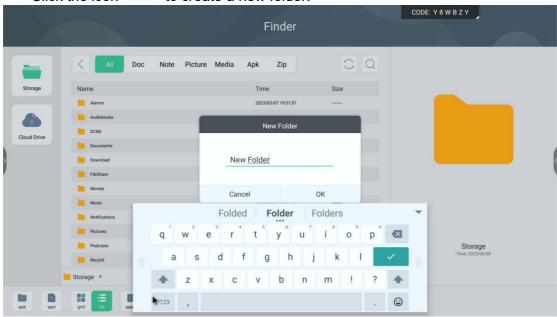
(2) search:

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





Click the icon new to create a new folder.



(4) exit:

-

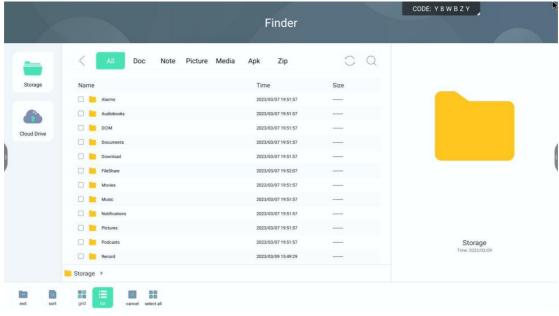
Click icon exit to exit file browsing.

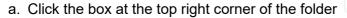
## **2.2.4 select**

1

Click the icon select to perform file operation on the file







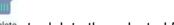


to select the file

- b. Click the icon select all the current directory files.
- c. Click the icon cancel to deselect the selected content



- d. Click the icon copy to copy the selected file to the pasteboard
  - to cut the selected file to the pasteboard
- e. Click the icon
- f. Click paste to paste the contents of the pasteboard into the current directory



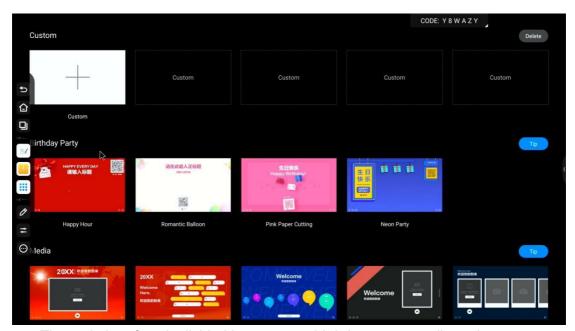
- g. Click the icon delete to delete the selected file contents
- h. Click the icon rename to rename the selected file (only one can be selected at a time)

# 2.3 welcome

# 2.3.1 display







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:

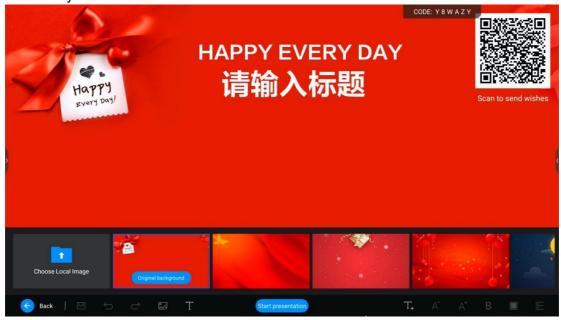


(1) Click the icon to enter editing mode





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.

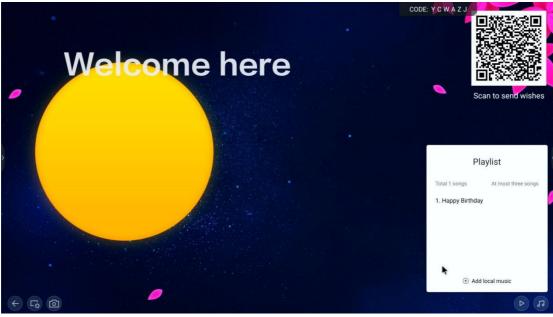


- d. Click icon A and icon to enlarge or reduce the text font edited in the previous step.
- e. Click the icon B to bold the edited text content.
- f. Click the icon to customize the color of the edited text



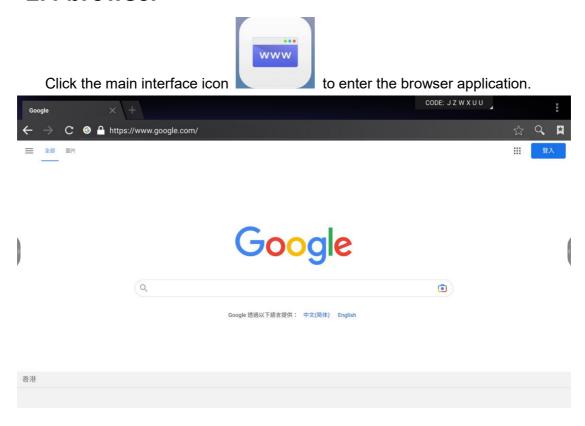


- g. Click the icon to align the edited text to the left, right and center.
- h. Click icon and icon to undo and restore the unsaved operation.
- i. Click the icon to save the template theme
- j. Click icon to exit topic editing and return to template.
- (2) Click the icon to take photos. You need an 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



# 2.5 keeper





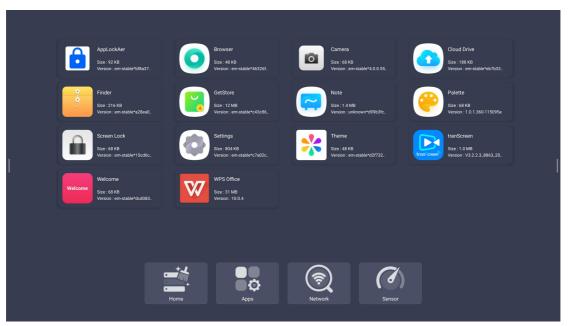


## (1) Click the home icon as



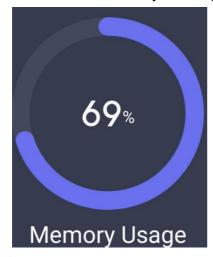
(2) Click the application icon to display as



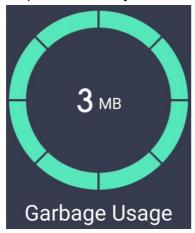


Click the icon to view the version information.

(3) Click to automatically clean up useless files.

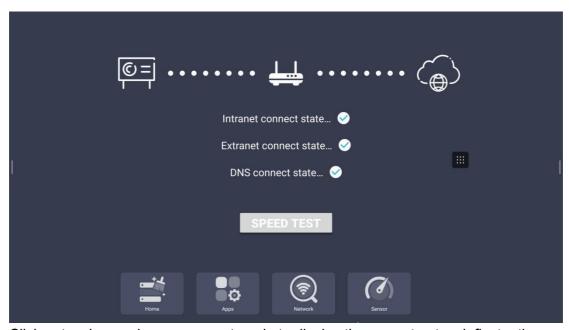


(4) Optimize memory and clean up garbage with one click.



(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 connected to the hotspot WiFi of the conference tablet.).

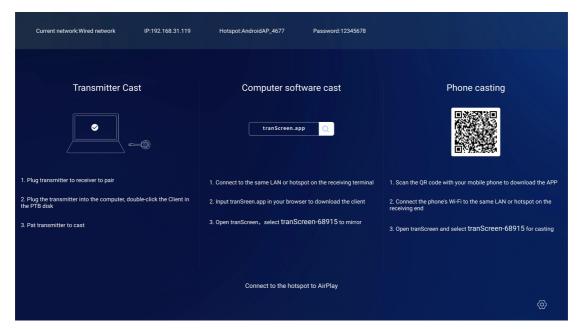
### 2.6.2 O perating instructions

Click the main interface icon



to enter the application main interface.





Operating instructions:

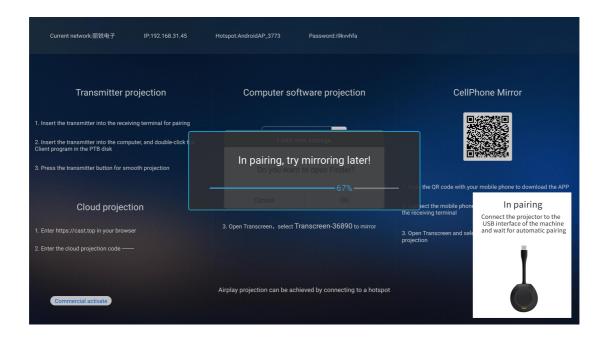
- a. After the mobile phone or tablet is connected, scan the code to download the client and install it. (The IOS system does not need to install the client); The computer downloads and installs the screen transfer assistant client according to the download address.
- b. After installation, the device need to be connected to the hotspot WiFi of the all-in-one machine.

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 Screen transmitter pairing

Connect the screen transmitter to the **U**SB interface of the all-in-one machine for automatic pairing. Note: If the screen transmitter has been paired successfully, you do not need to pair it again. Skip this step.





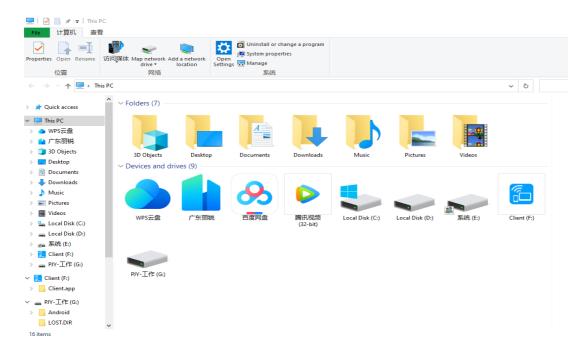
### 2.6.4 Screen transmitter connected to computer

Connect the screen transmitter to the USB port of the laptop. Some laptops with C-type interfaces require the use of converters.



When using this application for the first time, Windows computer users, please open my computer, select Client, and manually run client. exe.





### 2.6.4 settings

Click the icon to expand the setting box, which can open and close the screen code display, Display method, version information, etc

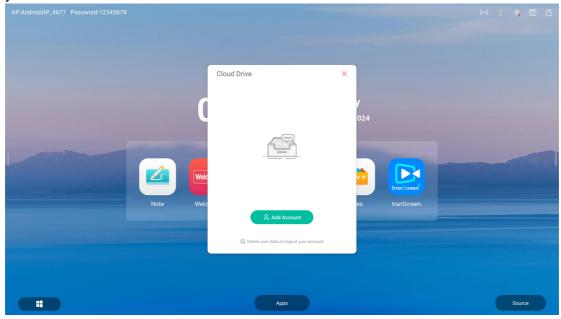


# 2.7 cloud driver

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.

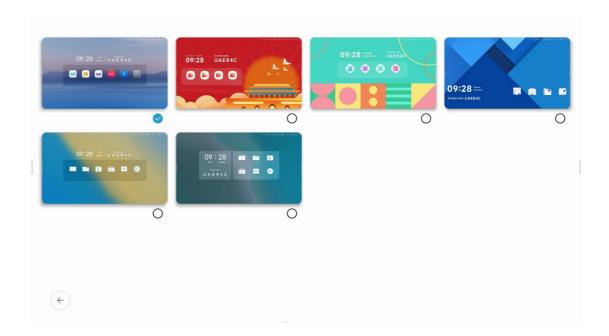


Select the appropriate type and enter the account password to verify login.

# 2.8 theme

click icon 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

