



75-inch Conference Panel **(with display monitor function)**

Software Operation Manual

Contents

1.Conference Main Interface	2
2.Writing Whiteboard Introduction	3
3.Multi-screen Interaction Setup Introduction	12
4.Wireless Screen Sharing Introduction	15
5.PC Hardware Screen Sharing Introduction	17
6.File Management Function Introduction	19
7.Side Slide Menu Introduction	20
8.Settings Menu Introduction	24
9.VIP Reception Function Introduction	34
10.Other System APPs Introduction	35

1. Conference Main Interface (Launcher)

Power on to enter the system main interface. The public default boot theme is shown as below.



: Tap to perform mobile phone screen projection.



: Tap to enter Android application interface and menu settings.



: Tap to open the settings menu



: Tap to open shutdown options.

Interface Shortcuts:



: Tap to open and start conference writing.

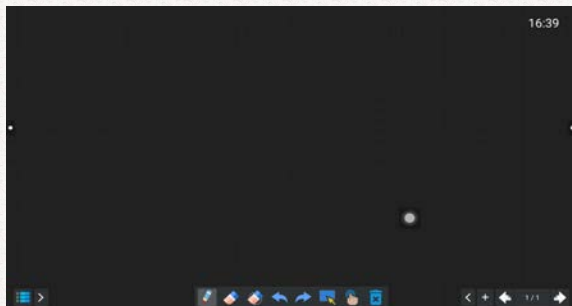


: Tap to enter Android internal file manager by default; external memory devices can be selected after entering.



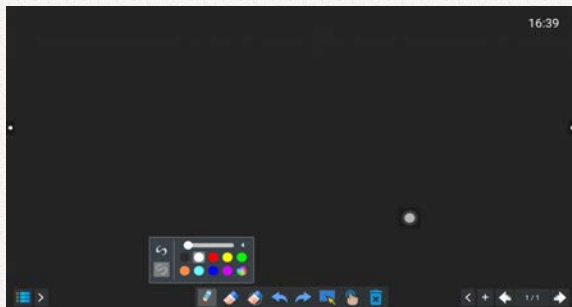
2. Writing Whiteboard Introduction

Tap the writing whiteboard icon on the home page to enter the following interface:



The whiteboard uses a gray grid background by default, with white single-point non-stroke handwriting. You can write directly after opening.

2.1. Drawing Board Writing Settings



: Tap the icon to open the panel as shown.



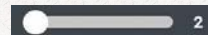
: Stroke selection: Tap to write with strokes; stroke change rate can be adjusted.



: Normal writing.

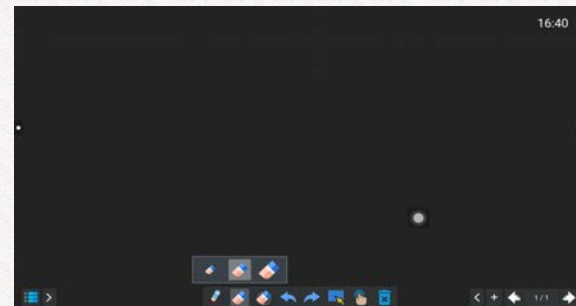


: Brush color selection: 9 fixed colors available; custom color adjustment supported.



2 : Brush thickness adjustment.

2.2. Eraser Function Settings (Multiple fingers together are recognized as eraser function.)



: Tap the eraser icon to enable eraser via touch. If not tapped, fingers together will also be recognized as eraser.



: Area eraser: Select the area to erase; content will be cleared automatically.

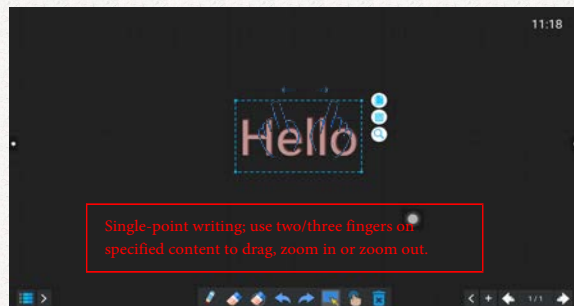


: Undo: Undo the previous operation.



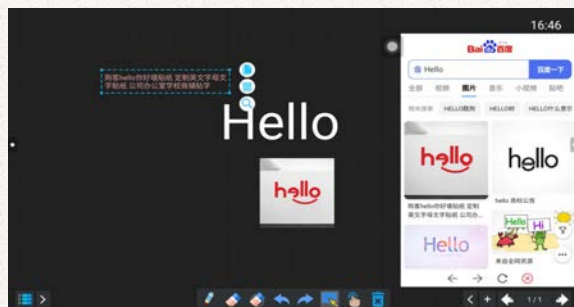
: Redo: Restore the undone operation.

2.3. Drawing Board Content Selection, After selection, you can delete, copy, drag and perform other operations.



 : Tap the icon to select content for delete, copy, search, etc.

Tap Search to open a webpage with the selected text as the keyword. Long-press images or text on the webpage to paste into the whiteboard.

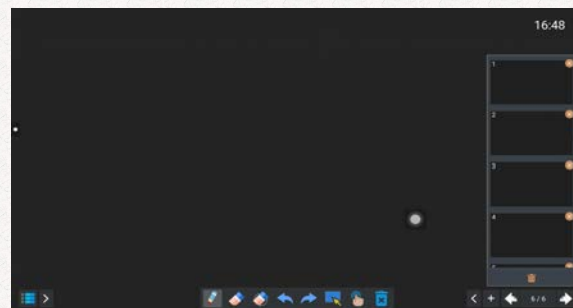


: Switch between single-point and multi-point writing.



: Tap to clear all writing content with one click.

2.4. Drawing Board Page Adding:

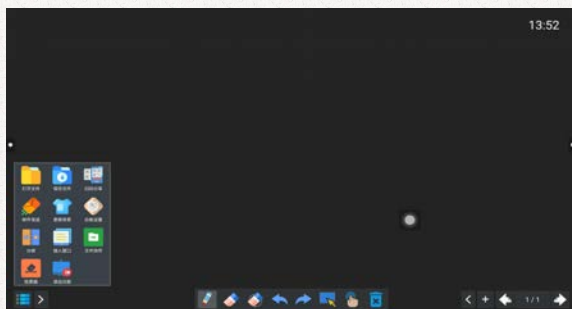


: Tap the icon in the lower right corner of the drawing board to add pages.



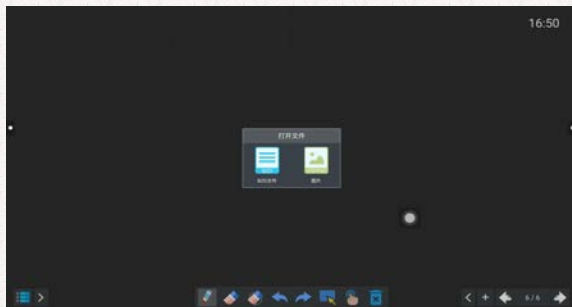
: Tap the icon to open page preview (shown on the right).

2.5.Drawing Board Writing Memory Processing:



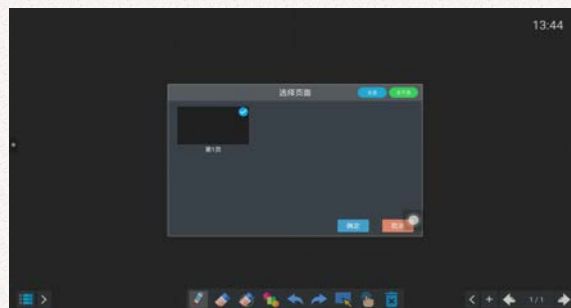
 : Tap the icon in the lower left corner to open the menu. You can load files to the whiteboard, save writing content, Share content via QR code, send content via email, change whiteboard background, configure whiteboard function switches, etc.

①Load file to whiteboard:



: Tap the lower-left icon to load images (JPG/PNG) and files (BZD format).

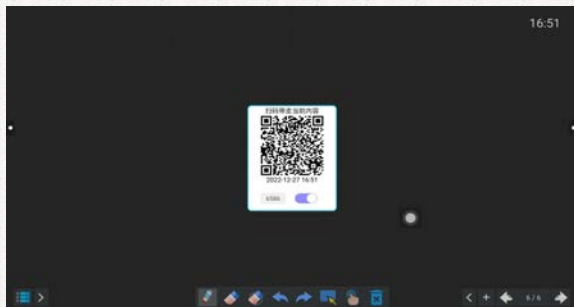
②. Save writing content:



: Tap the lower-left icon to save content in formats:
Image (JPG/PNG)、Document (PDF)、File (BZD)



③.QR code sharing of writing content:



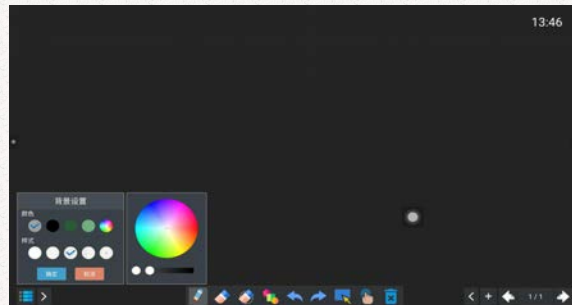
: Tap the lower-left icon to generate a QR code. Enable password to require access code; disable for direct access. (Requires network connection.)

④.Email sending of writing content



: After connecting to the network, tap the lower-left icon to send emails.
You can edit subject, body, and set multiple recipients/CC separated by ";".

⑤. Change whiteboard background:



: Tap the lower-left icon to select background color and style.

⑥.Whiteboard function switches (**Text function and dual-color pen mode cannot be enabled at the same time.**) :



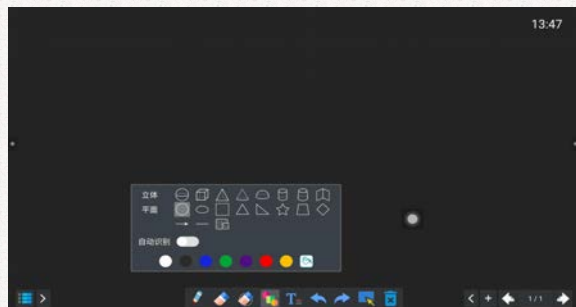


: Click this icon in the bottom-left corner of the canvas to pop up the image shown above.



1) Shape function: When enabled, the canvas provides preset shapes, and this icon will appear in the toolbar. Click it to access the shape drawing function.

The interface after enabling the shape function is shown below:



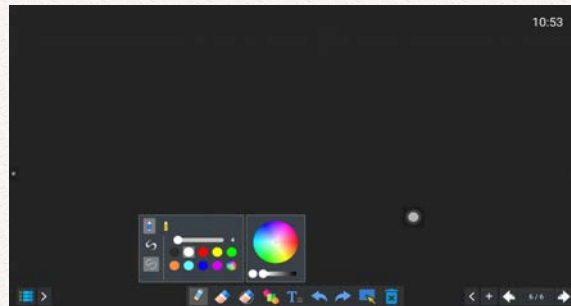
: After clicking this icon, you can choose to draw various shapes (2D, 3D, and even add tables). When automatic recognition is turned on, it can automatically recognize the shapes you draw and generate standard shapes.

2) Text function:



: Converts handwritten content into recognized text, numbers or letters.

3) Dual-color pen mode:



When dual-color pen mode is enabled, it is fixed to multi-point writing mode and zooming is not available. Click the brush to set the color, nib style, and line thickness for the thick and thin pens separately. When using the thick-thin pen function, you need to set thresholds for the thick and thin pens. Long-press the  icon to bring up the following interface:

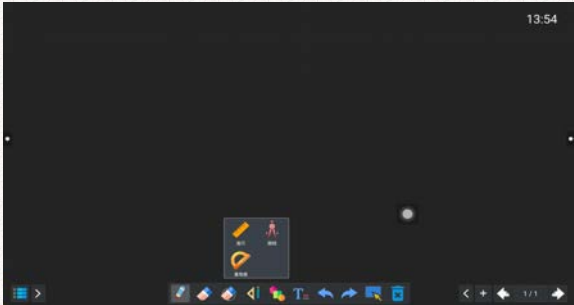


You can set the eraser threshold, thin pen threshold, and thick pen threshold. First, click Detect on the right; it will show "Detecting...". Then touch the threshold detection area on the left to record the threshold value. Click Save when done.

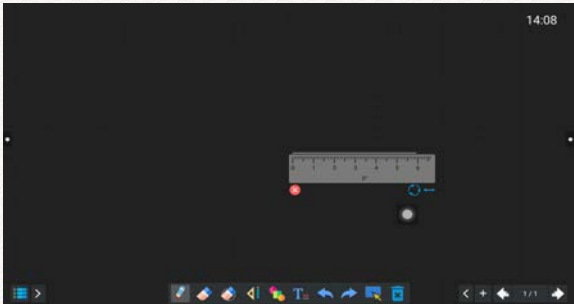
Note: The thresholds for the thick and thin pens should preferably have a large difference for easier recognition.

4)Widget switches:

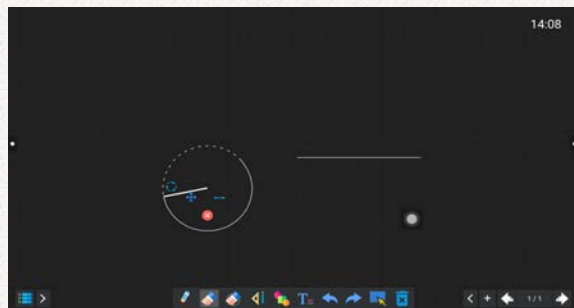
Enable ruler, compass, protractor.



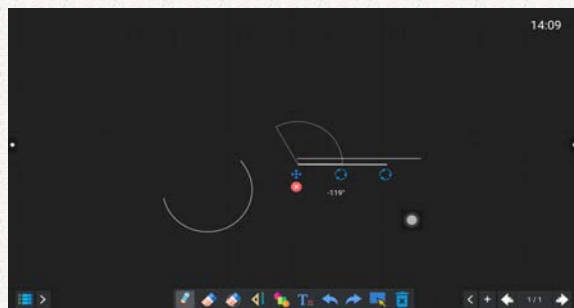
Ruler: Draw straight lines; drag, rotate, resize.



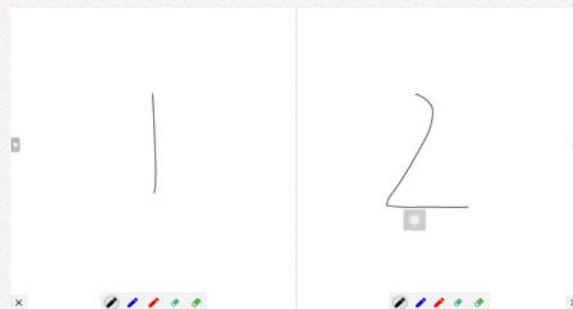
Compass: Draw circles or arcs; drag, adjust radius.



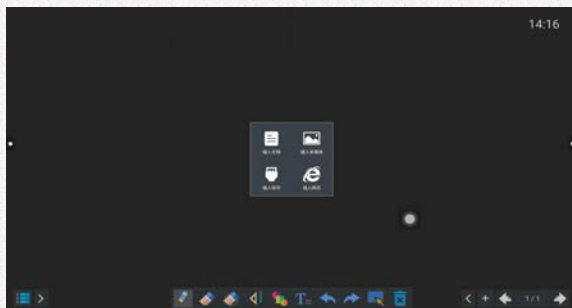
Protractor: Measure angles.



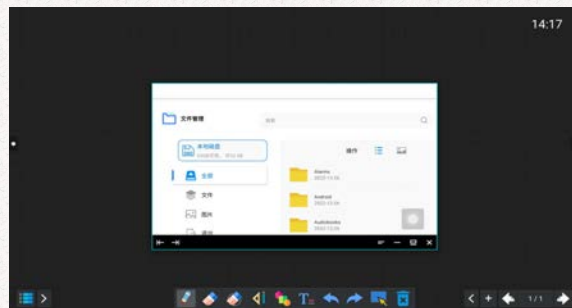
⑦ Split-screen writing: Set the number of split screens and background color; confirm to enable split-screen writing (single-finger only).



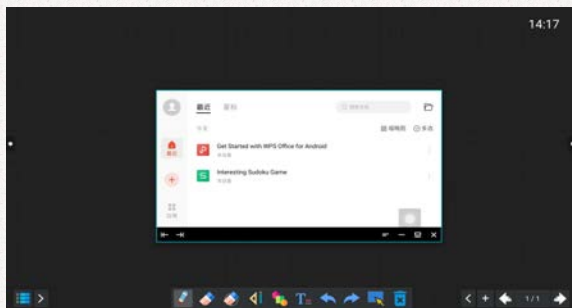
⑧Insert window function:Insert documents, multimedia, signal sources and webpages.



Insert multimedia: Open file manager to play videos, audios or images.



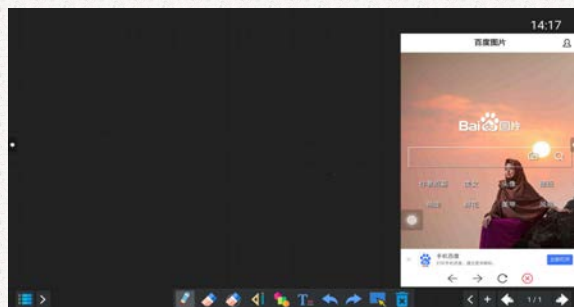
Insert document: Open WPS mini window.



Insert signal source: Open signal source window (view only, no touch control).



Insert webpage: Open browser mini window; long-press to paste images or text into whiteboard.



For detailed operation of File Fast Transfer and Voting Device, see Section 10: Other System APPs Introduction.

3. Multi-screen Interaction Setup Introduction

- 3.1. Tap the corresponding icon on the main interface to open the panel.
(Hotspot must be enabled first.)



Android phones scan the QR code in the lower left corner to download the projection app for screen sharing.

- 3.2. Switch to the Instructions tab.



iOS, Android, PC/MAC can project following on-screen steps. Tap the settings icon in the upper right corner to configure projection functions.

3.3. Projection function settings



Host mode: Enable to add a floating menu for host management of connected devices.



Projection welcome message: Show welcome on connect, goodbye on disconnect.

Screen sharing connection password: Default 12345678; customizable. Dynamic password: Set auto-change interval (10/30/45/60/120 minutes).



3.4. Single-screen projection:



Exclusive mode: Prevent other devices from interrupting the current projection.

3.5. Multi-screen projection layout



Equal proportion, master-slave (main screen larger), side-by-side, free layout.

Two-screen projection stretch: Enable full-screen display for dual mobile phones.



3.6. Reverse mirroring:



After enabling, the Android phone displays the large screen and can control it. Disable to revoke touch control.

Set annotation authorization type and maximum concurrent annotators (only one user can write at a time).

For Windows: Click Reverse Mirroring directly after connection.

3.7. Projection code:



Enable to show a 6-digit projection code in the upper right corner.

3.8. Registration program ([requires network](#))

Auto-register after network connection; prompt appears on success.

4. Wireless Screen Sharing Introduction

4.1. Apple device sharing:

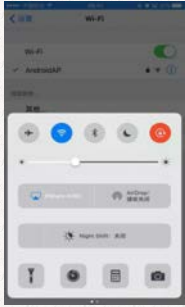
Connect to the conference unit's hotspot AndroidAP-xxxx, then enable AirPlay Mirroring.

4.2. Android device sharing:

Scan the on-screen QR code or visit <http://120.26.86.122/res> to download the client. Connect to AndroidAP-xxxx, open the client, search and connect.



Android



IOS

After connection, you can use projection, virtual mouse, screenshot, reverse mirroring, video, music, image and document push (PPT/Word/Excel/PDF).

Click Documents to push PPT, Word, Excel and PDF files to the all-in-one device for playback. After pushing the document, the phone will jump to the virtual mouse page. Tap the blank area of the virtual mouse to control the large screen; swipe on the right side or bottom to scroll through the document.



4.3. Wireless screen sharing annotation:



Phone



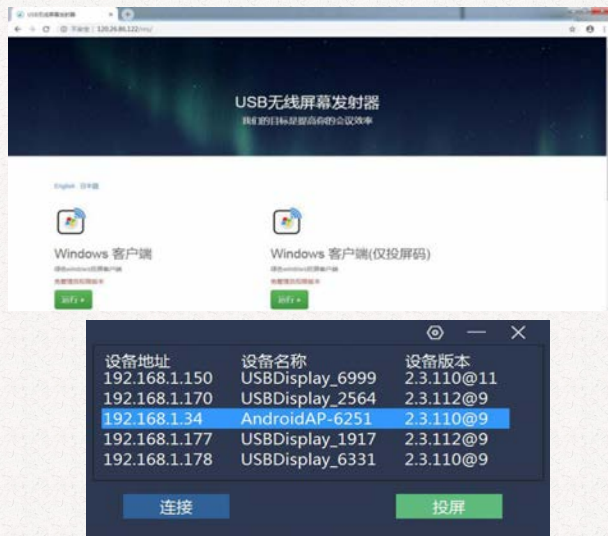
Large screen



4.4. PC software projection (no dongle):

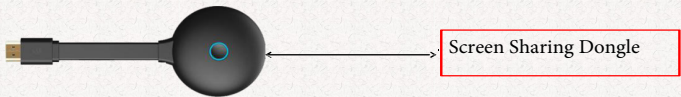
When no physical transmitter is available, you can use a portable green software to achieve PC mirror casting, with similar functionality to a dedicated transmitter.

For screen casting: Connect your laptop to the internet, open a web browser, and enter the address <http://www.usbdisplay.cn/> to access the download page, as shown below:



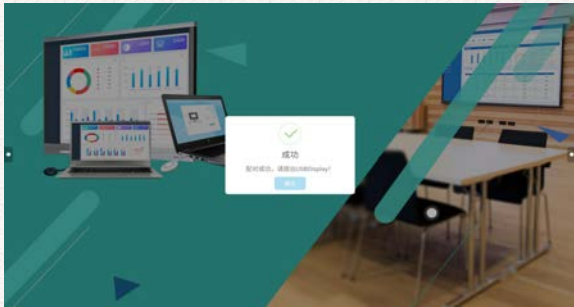
Click to download the Windows client, then double-click to run it as shown. The machine list will display all discoverable smart conference devices on the same local network as the laptop. Double-click the target device or its IP address to automatically connect to it. The operation after casting is the same as with the USB transmitter.

5. PC Hardware Screen Sharing Introduction



5.1.First, turn on the Wi-Fi hotspot of the Android board, then plug the screen sharing dongle into the USB interface of the Android board for pairing and registration.

After successful registration, the following interface will pop up:



Note: Turn on the hotspot first before plugging in the dongle for pairing.

5.2.Plug the paired dongle into the PC USB port.



When "Ready to Share"

appears,press the dongle button to project.

5.3.After successful connection, a green circular button in the upper left shows the number of connected dongles. Tap to expand host mode; lock to prevent screen preemption.



During screen sharing, check the "Lock" option, and the computer screens of other users will not be able to preempt the screen of the user who is currently sharing.

5.4.Touch Return: Control Dual Screens with One Hand



Two-way control between large screen and PC. Auto-update when connected to the Internet. Re-pair if firmware version mismatch.



5.5. Dongle usage notes:

When a user uses the dongle on a computer for the first time, some computers will automatically install the driver, and the dongle will run automatically. If the computer cannot install the driver automatically, click Computer → Removable Storage Devices, and double-click the drive letter CD Drive (USBDisplay).

The drive letter is as follows:

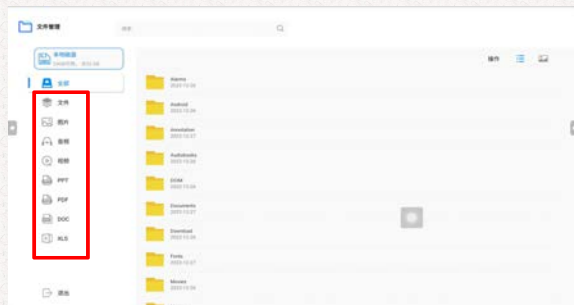


Note: For Windows 10 systems, you need to turn off the firewall before installing the driver.

After the driver is installed, a prompt "Press to cast screen" will be displayed in the lower right corner of the computer.

Note: On some computer systems, due to the interception of antivirus software, the dongle may not run automatically even if it is not the first time to use it. In this case, run the main program in USBDisplay.

6. File Management Function Introduction



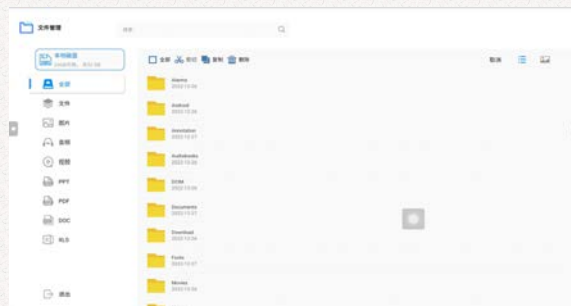
: Files are displayed in list form (at the upper right corner)



: Files are displayed in tile form (at the upper right corner)

The red box on the left can filter file types

Click "Operation" in the upper right corner to pop up the following options:



You can perform file cut, copy and delete functions.

7. Side Pull Menu Introduction

7.1. Click the arrow icons on the left and right sides   to pop up the following interface:



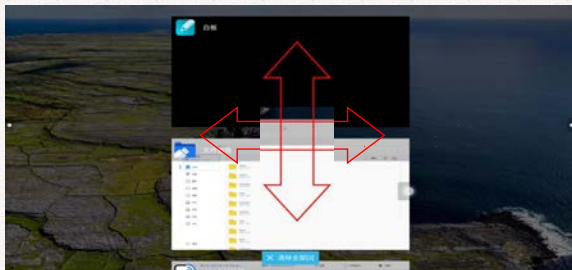
: Return Touch Key: Available in any Android menu.



: Home Touch Key: Press this key to return directly to the Android home interface in any interface.



: Task Key: Click to open and preview the background running applications.



Drag up and down to browse all applications, click the application window to open it directly, drag left and right to stop running the application, or click the "Clear All" button below to clear all applications with one click.



: Annotation Shortcut Key: Click to enter annotation mode.



: Exit annotation mode to perform other operations on the machine.



: Brush color and thickness selection.



: Annotation eraser size selection.



: Annotation undo key.



: Insert material shortcut key.



: Annotation content save key: Can save locally.



: annotation setup switch.



: One-click clear all writing content.



: Generate QR code: Scan the code with a mobile phone to view the annotation content (requires Internet connection).



: Long press to open eraser threshold adaptation: Cover the palm on the touch area to identify the threshold value, then click Save (the threshold under the channel needs to be re-adapted).



: Shrink the annotation operation window.



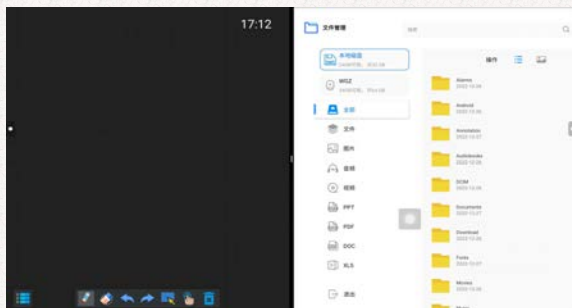
: Annotation exit key.



: Switch input channels (Front HDMI, HDMI, Video 1, Video 2).



: Toolbar call (Swipe inward from left/right edge to open).



: Split Screen: The screen can start two APPs at the same time; for example, open the whiteboard first, then click the split screen function, and then open another application.



: Child lock: Lock screen; default password 2580.



: Energy saving: Turn off backlight; touch to wake.



: Screenshot: Auto-save screen content locally.



: Screen Recording: Click to start screen recording.



After clicking "Start", some operations under Android will be recorded in MP4 format and saved to the local BSDScreen folder.



: Magnifier: Enlarge fonts and pictures under Android,.



with 2x/4x magnification options



: Timer: Set a countdown for meetings.



: Camera: Available with external camera.



: Custom shortcut: Set quick app launch;



Long-press to cancel.



: Shutdown button: Open shutdown options.



: Switch to built-in PC: One-key jump to PC channel.



: Menu settings: Open settings menu.

8. Settings Menu Introduction



8.1.Network:Wi-Fi, projection hotspot, wired Ethernet, Bluetooth.(Wired and wireless cannot be used simultaneously.)



Projection hotspot: Required for wireless projection; default password 12345678. Disable first to rename/change password.

8.2.General:



①Conference Theme Settings①:



There are 5 conference theme slots. You can define text in the red box on the right. Long press the font with five fingers to pop up a replacement box.

Conference Theme Settings②:



Conference Theme Settings④:



Conference Theme Settings③:



Conference Theme Settings⑤:



- ②. Wallpaper Replacement Function: Click the wallpaper function to replace.



Static wallpapers can be customized, and 1920*1080 resolution pictures are supported.

- ③. Energy Saving Mode:



Sleep Mode is the no-operation standby function, which is off by default. After turning it on, you can set the sleep time: how long the whole machine will automatically enter sleep standby mode without operation.

Sleep Operation: Can be divided into Turn Off Screen, Turn On Screensaver and Shutdown. If you select Turn Off Screen, the screen will be black during sleep standby; if you select Shutdown, the machine will automatically shut down after no operation for a period of time; if you select Turn On Screensaver, you can replace the screensaver.



Screensavers include static and dynamic ones, and you can also customize pictures and videos. JPG, PNG and other format pictures, as well as MP4 and other short videos are supported.

- ④. Brightness and Sound Adjustment:



⑤. More Settings:



Floating Menu Switch:



Switch for the home page floating menu.

System Prompt Sound Switch: Turn off to disable the prompt sound when touching and opening applications; turn on to enable it.

Sidebar Switch: When turned on, there are triangular arrows on both sides of the machine; when turned off, there are no touch arrows on both sides. To call out the sidebar, you can touch and pull from the side to the inside.

Temperature Display: Display the temperature of the whole machine on the home interface.

Five-Finger Screen Off: When turned on, long press the screen with five fingers for about 3 seconds to automatically turn off the backlight; press again with five fingers to turn it on.

Three-Finger Follow: When turned on, long press the screen with three fingers for about 3 seconds, and the floating menu will automatically move to the touch position.

Eye Protection Function: When turned on, the screen brightness will be automatically reduced when it is detected that someone is operating the machine.

Blue Light Function: When turned on, the screen will have a blue light effect (**this function is invalid in the whiteboard, and will be automatically turned off when switching themes**).

Light Sensing Function: When turned on, the screen brightness will change with the brightness of the ambient light (**only displayed when the light sensing module is connected**).

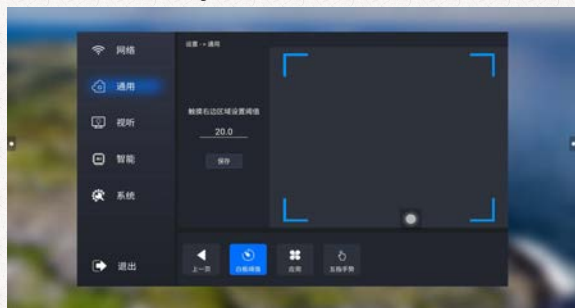
Light Sensing Energy Saving Function: When turned on, the screen will automatically turn off and enter energy saving mode when the surrounding environment is completely dark, and turn on automatically when it becomes bright (**only displayed when the light sensing module is connected**).

⑥. Startup Item Settings:



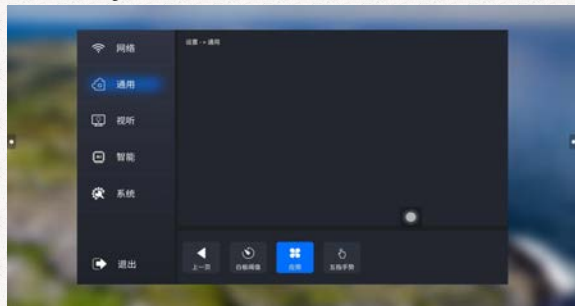
Select applications to open by default after startup (**it is not recommended to use this function without special circumstances, as it will affect the startup speed, and the settings in the startup channel will be automatically canceled after setting**).

⑦. Whiteboard Threshold Setting:



The whiteboard threshold is the touch contact area recognized as the eraser function in the whiteboard. The threshold value can be adjusted manually by entering numbers, or you can put your hand in the blank area above for automatic recognition.

⑧. Application Management:



On this interface, you can uninstall and authorize downloaded software. The software and APKs that come with the machine cannot be uninstalled. Long press the application to pop up the authorization interface.

⑨. Five-Finger Gestures: You can set the functions corresponding to five-finger left swipe, right swipe, up swipe and down swipe respectively.



8.3. Audio-Visual Settings (Image and Screen options are only displayed in the channel)

① Image Settings



Image Mode: You can switch different image modes, or switch to user mode to manually adjust the desired effect.

Color Temperature: You can switch different color temperature modes.
Scaling Mode: The default is full screen display, and you can manually switch to the desired mode.

Image Noise Reduction: Perform noise reduction processing on the picture to make it clearer.
MEMC: When turned on, the picture will be clearer, but the delay will increase.

②Screen Settings



EDID (Extended Display Identification Data): When EDID is set to 1.4, the maximum resolution supported by this channel is 4K30Hz; when EDID is set to 2.0, the maximum resolution supported by this channel is 4K60Hz (EDID can only be set in HDMI or OPS channels, and cannot be adjusted in other channels).

Color Range: Can be adjusted to 0-255 or 16-235.

No Signal Background: Can set the background to black or blue when there is no signal in the channel.

③Sound Settings



Audio Only: Click to turn off the backlight and only hear the sound; click the screen to wake up the backlight.

8.4. Smart Settings

①.Smart Recognition:



Select "Off": No action will be taken.
Select "Jump": If the machine is connected to a signal, it will automatically jump to the corresponding signal channel; if the current channel signal is unplugged, it will automatically jump back to the built-in computer channel (when the built-in computer is turned on).



Select "Prompt Box": A selection box will pop up before jumping to the signal channel to ask whether to switch to the channel; when the current channel signal is unplugged, a selection box will pop up to ask whether to switch to the built-in computer (**when the built-in computer is turned on**).

②.Security Settings:



You need to set an unlock password before turning on any lock. If you forget the password when unlocking, you can click "Forgot Password", enter the key 0000, then enter a new password, and click Confirm to unlock with the new password.

- Password Unlock: When turned on, the screen will be locked, and you need to enter the password to unlock and use it.
- Gesture Unlock: When turned on, the screen will be locked, and you need to enter the gesture to unlock and use it.
- USB Password Lock: When the USB lock is turned on, the USB flash drive will not be recognized when plugged into the USB interface and clicking File Management.

- APP Lock: Click to select the applications that need to be locked, and you need to enter the password to open the locked applications.



- PC Touch Lock: When this function is turned on, there is no touch function in all channels.

③.No Signal Standby Settings:



After setting the standby time, you can select the standby mode: No Signal Standby or No Signal Shutdown, that is, the machine will enter standby mode or shut down after a certain period of time in the no-signal channel.

④.Scheduled Power On/Off:



After setting the power on/off time and selecting the effective date, click "Save Settings" (you need to turn on the switch first to make settings).

⑤.Power On Button:



Select "Two-in-One Button": When shutting down, two options will pop up: Turn Off Computer and Turn Off All-in-One Machine.

Select "Three-in-One Button": When shutting down, three options will pop up: Energy Saving, Turn Off Computer and Turn Off All-in-One Machine. Select "Turn Off" to shut down directly.



Energy Saving: Only turn off the backlight, the OPS and Android motherboard are still running.

Turn Off Computer: Only turn off the built-in OPS computer, and the whole machine stays in the Android interface.

Turn Off All-in-One Machine: Shut down the entire machine.

⑥.Startup Channel Selection:



After selection, the machine will enter the selected channel by default when starting up. Before selection, it will enter the Android home page by default (setting the startup channel will cancel the settings in the startup items).

9.VIP Reception Function Introduction



Select the corresponding style page, double-click to zoom in, and then click the page to enter the welcome word.



Click "Display", then click the icon in the lower right corner  to pop up the operation interface.



Click the brush to sign, or click the QR code to scan and take away the content (**this function requires Internet connection**).



10.Introduction to Other System APPs

10.1.System Detection:

①System Acceleration:



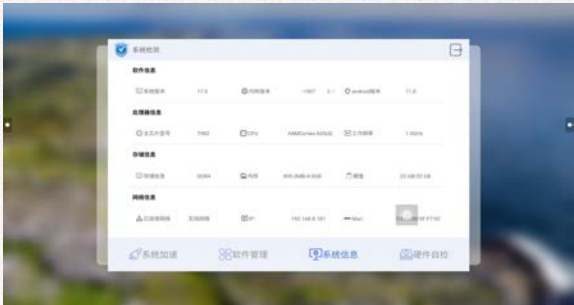
Used to clean up system junk and optimize running speed.

②Software Management:



Used to stop running applications and uninstall non-system applications.

③System Information:



View various system information.

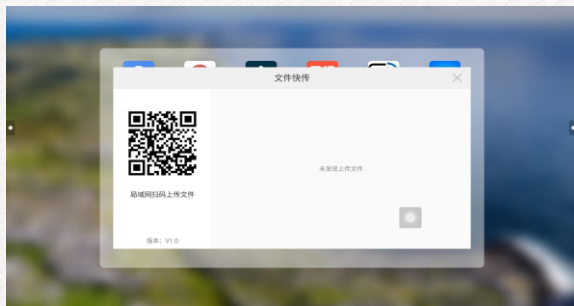
④Hardware Self-Test:



Detect whether various functions are normal.



10.2. File Fast Transfer (Only available on the same local area network):



10.3. Voting Device (Requires network connection):



FCC Warning

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.

NOTE 1: 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm between the radiator and your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

Jiangsu Jinye Optoelectronic Technology Co., Ltd.

Address: No. 9, Zijing Avenue, Gaochun Economic Development Zone,
Nanjing City, Jiangsu Province, P.R.China