



NOTE: ALL THE PICTURES IN THIS MANUAL ARE FOR REFERENCE ONLY, YOUR PRODUCT MAY LOOK SLIGHTLY DIFFERENT

SEVEN



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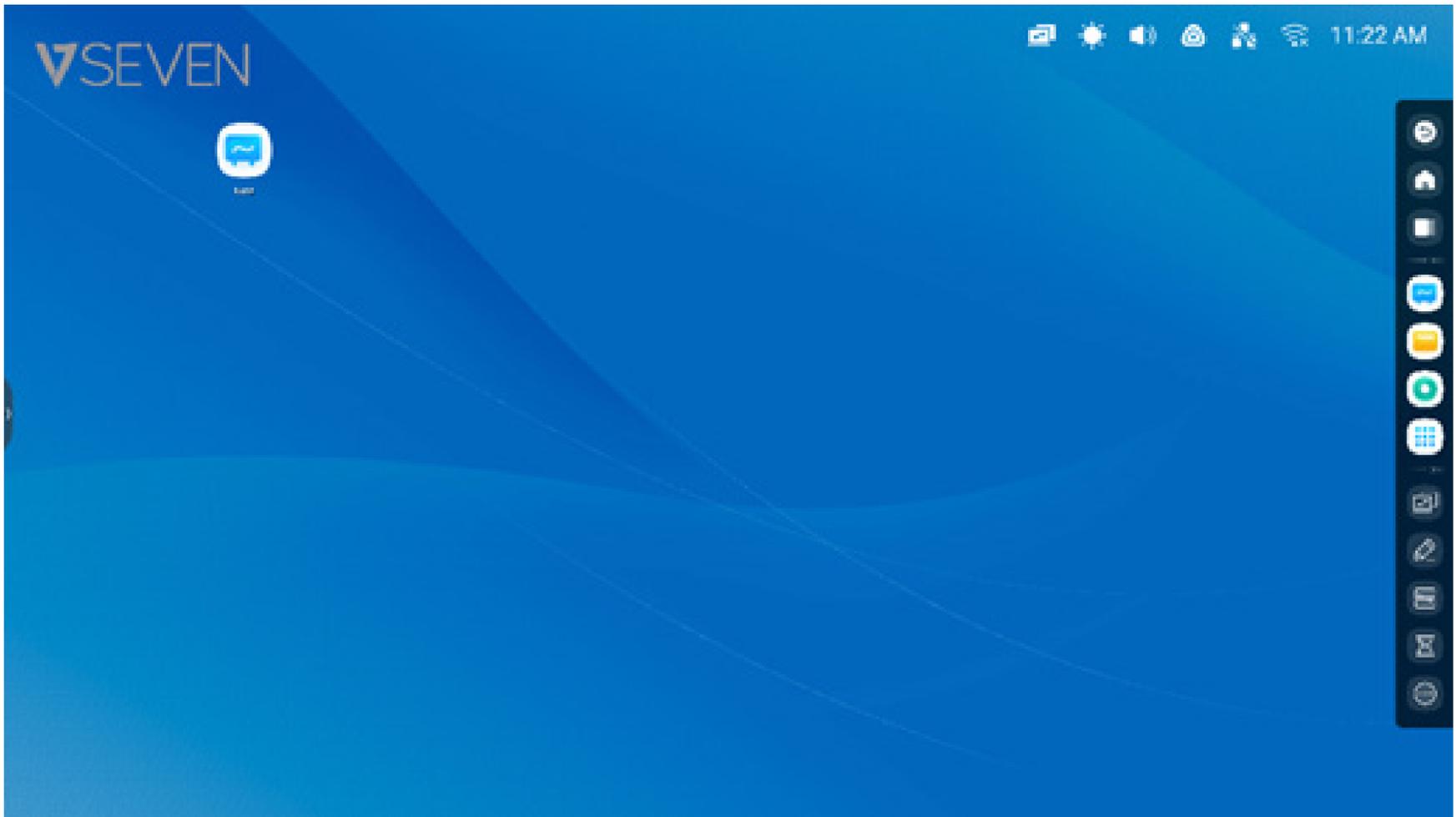
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Introduction

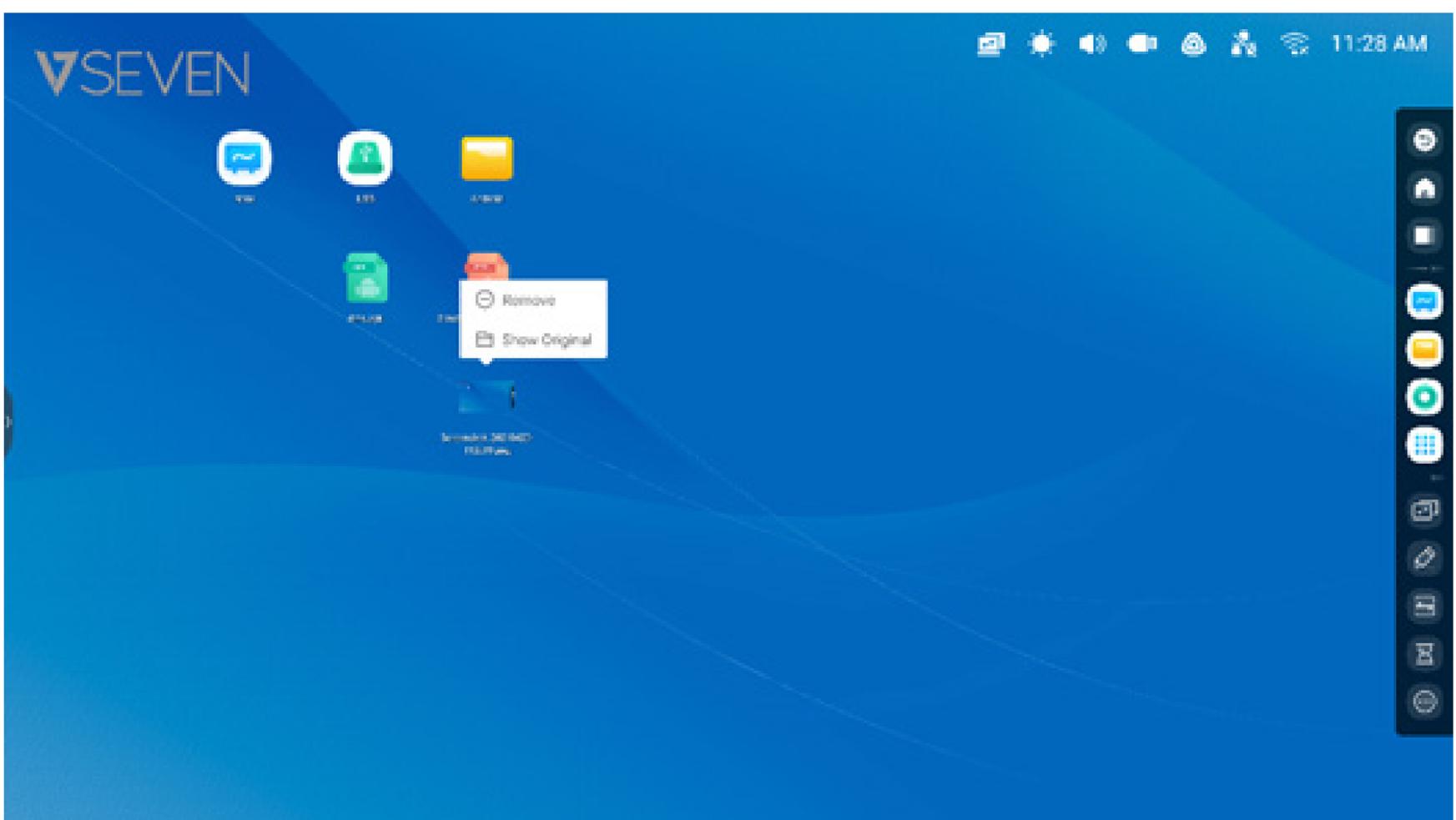
The software for the V7 IFP is based on Android version 9, so it is very intuitive much like a large tablet. It has very robust features for leading classrooms or meeting rooms interactively. Because there are sometimes software updates, your screens and features may differ from what is shown in this software guide.

Launcher

The launcher is the main interface of the IFP and allows you to easily and efficiently start applications, files and web pages. To customize it, you can drag/send frequently used applications, folders/files, and web pages to the main Launcher screen. When you power on the IFP, the Launcher is displayed by default in Android:



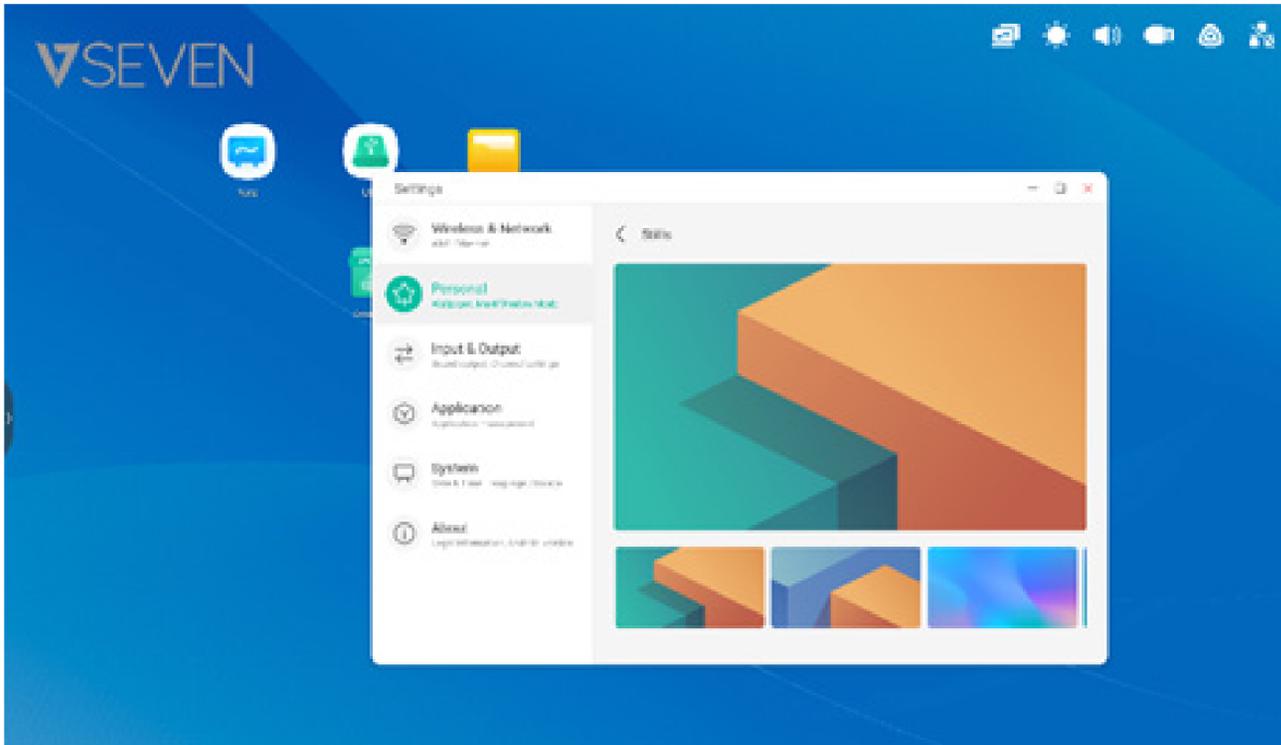
You can create and manage shortcuts for apps, files, and websites:



You can create and manage shortcuts for apps, files, and websites:

Status bar:

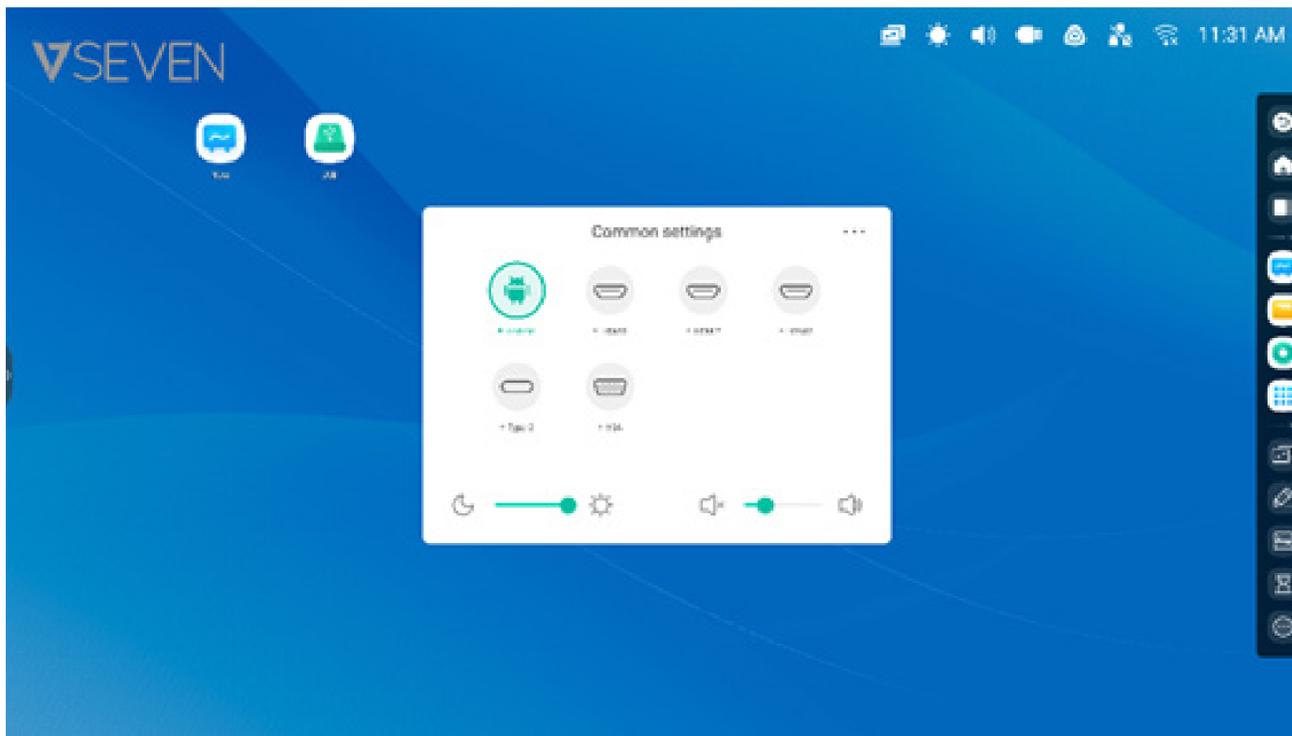
The upper right area is the top status bar, which is a touch screen menu and includes



Display Source Menu:



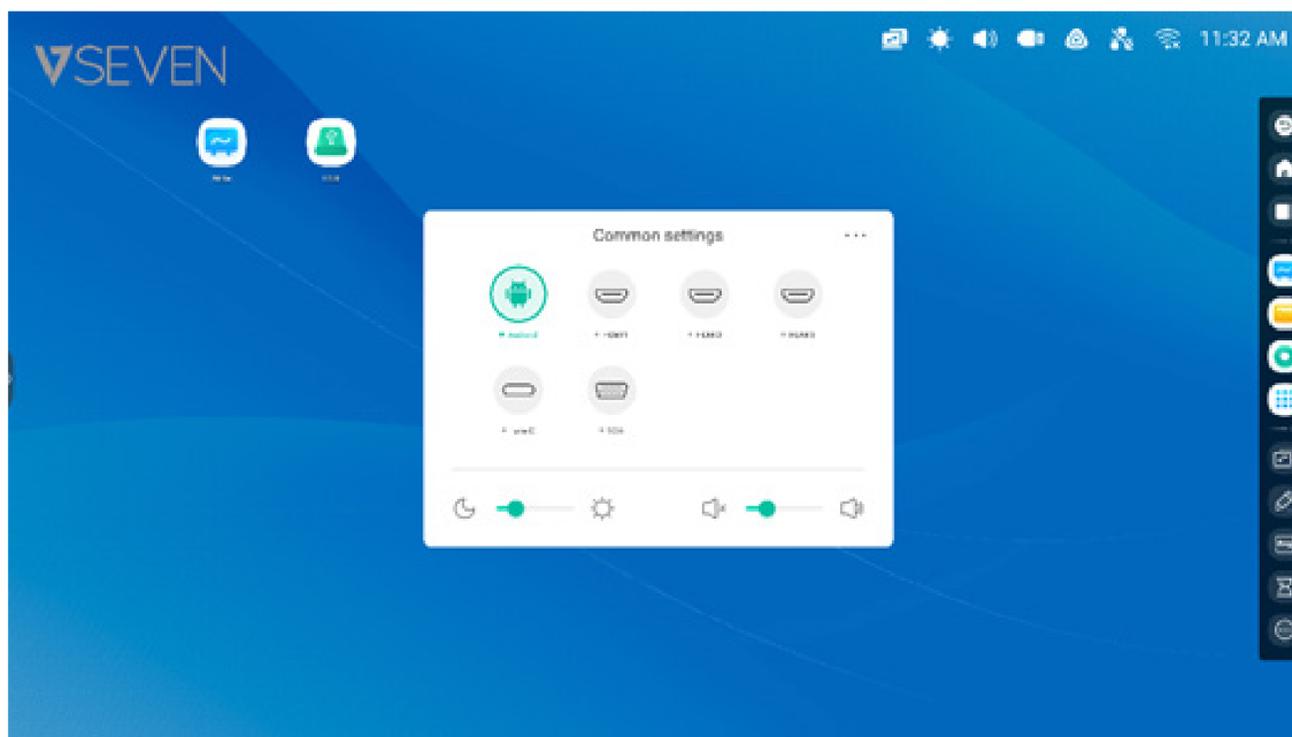
Switch the input sources from Android, to one of the display input ports such as HDMI, USB-C, or VGA.



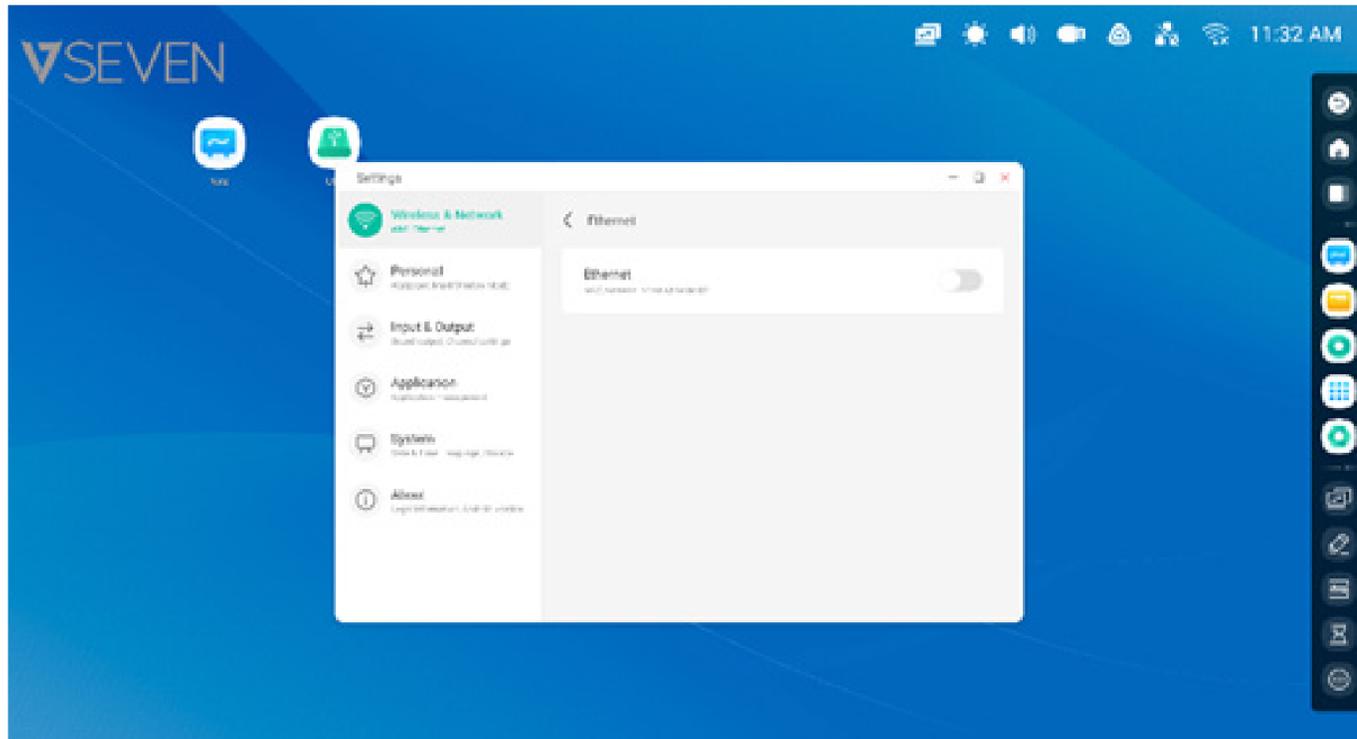
Brightness and Audio:



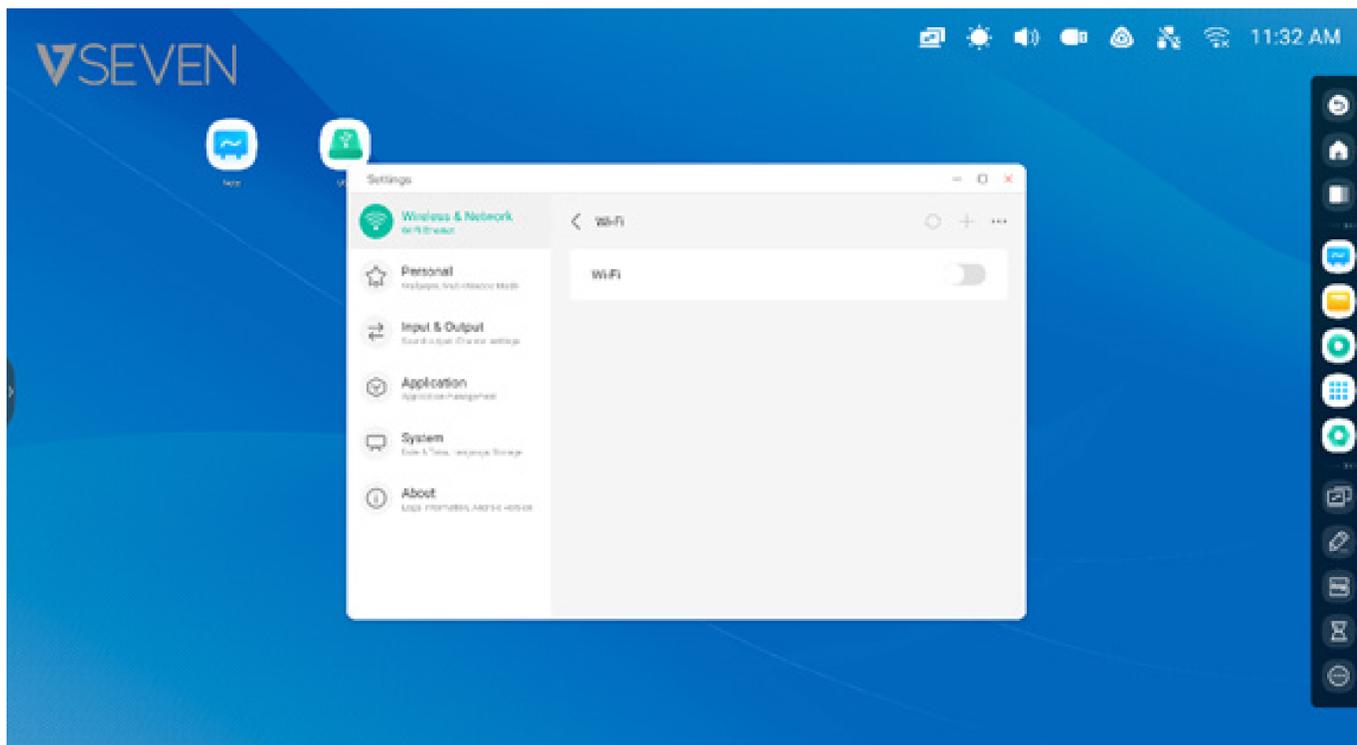
Adjust the brightness or Volume of the screen at the bottom.

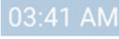


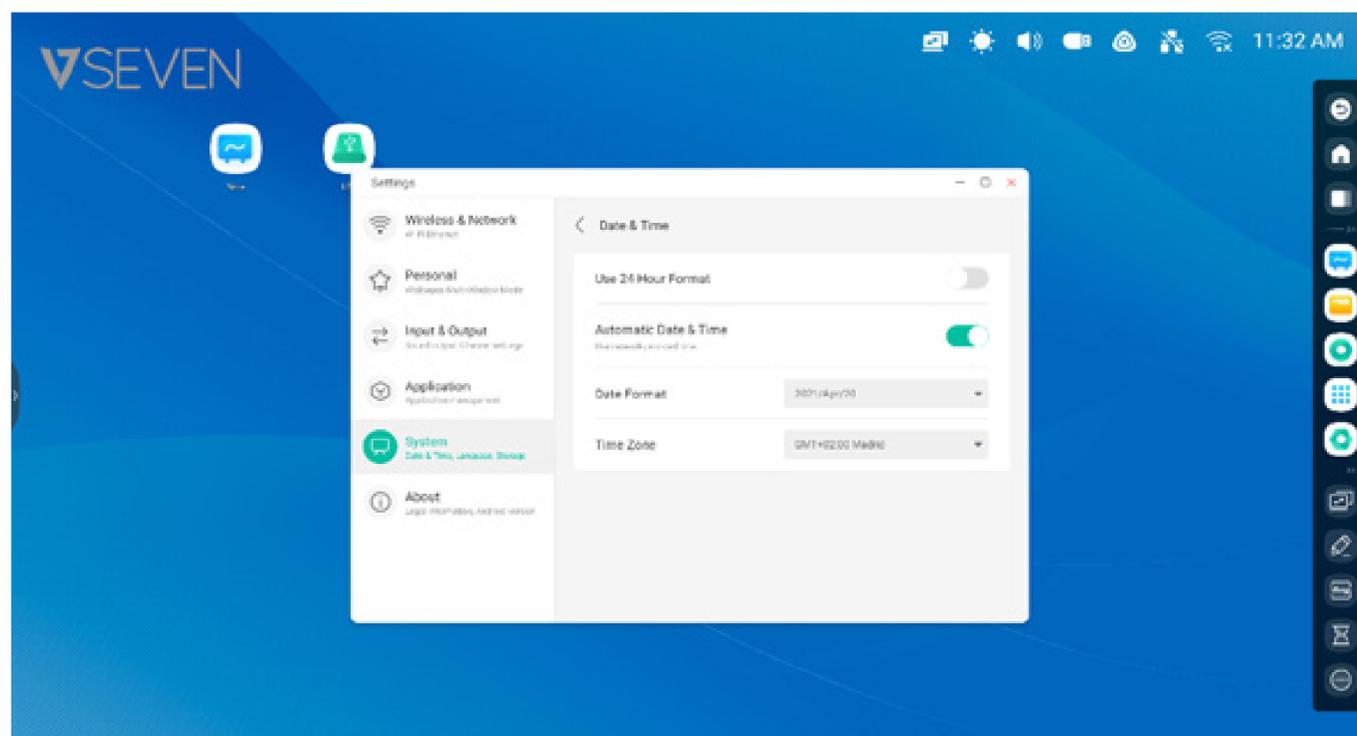
Ethernet  Open the "Settings > Ethernet" for wired network settings.



Wi-Fi: After installing the Wi-Fi module in the IFP,  will appear which opens the "Settings > Wi-Fi" for wireless network settings.



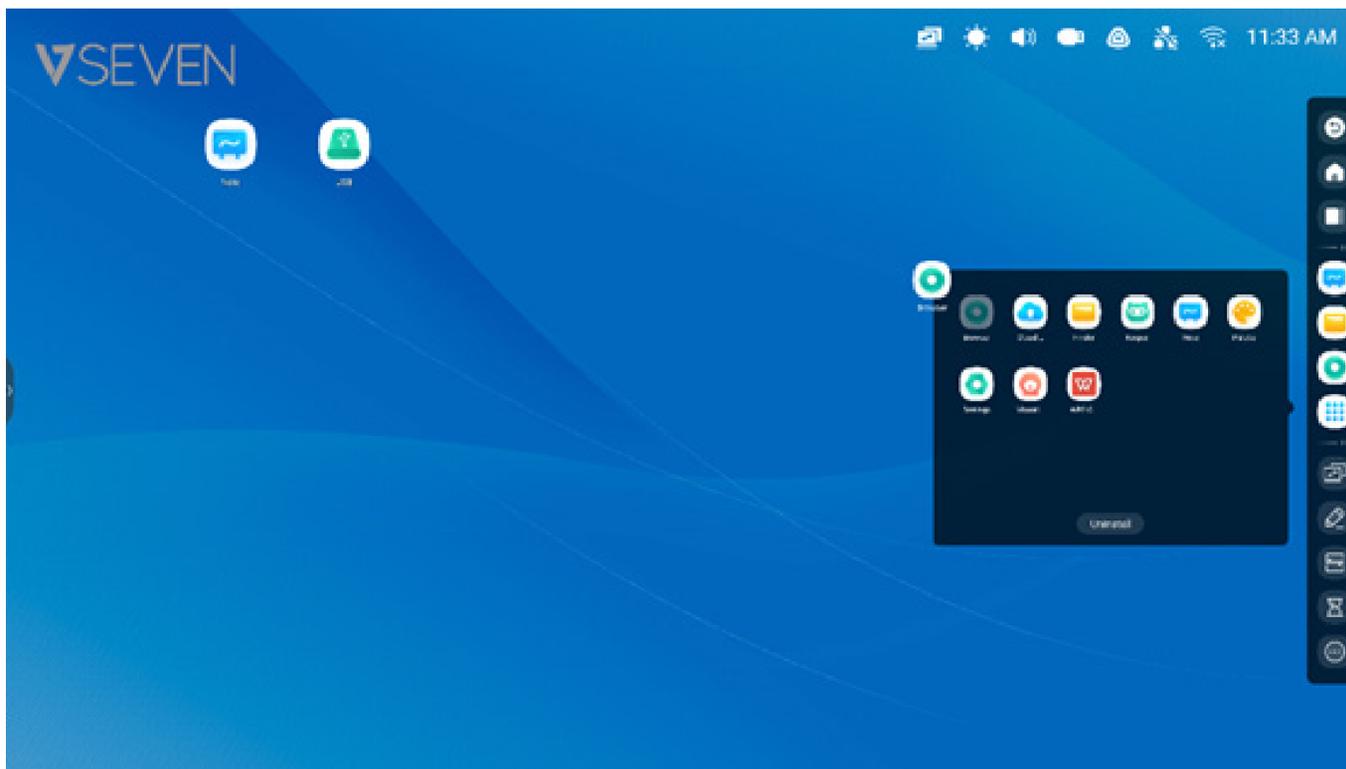
Clock:  Opens the "Settings > Date & Time" to adjust the clock.



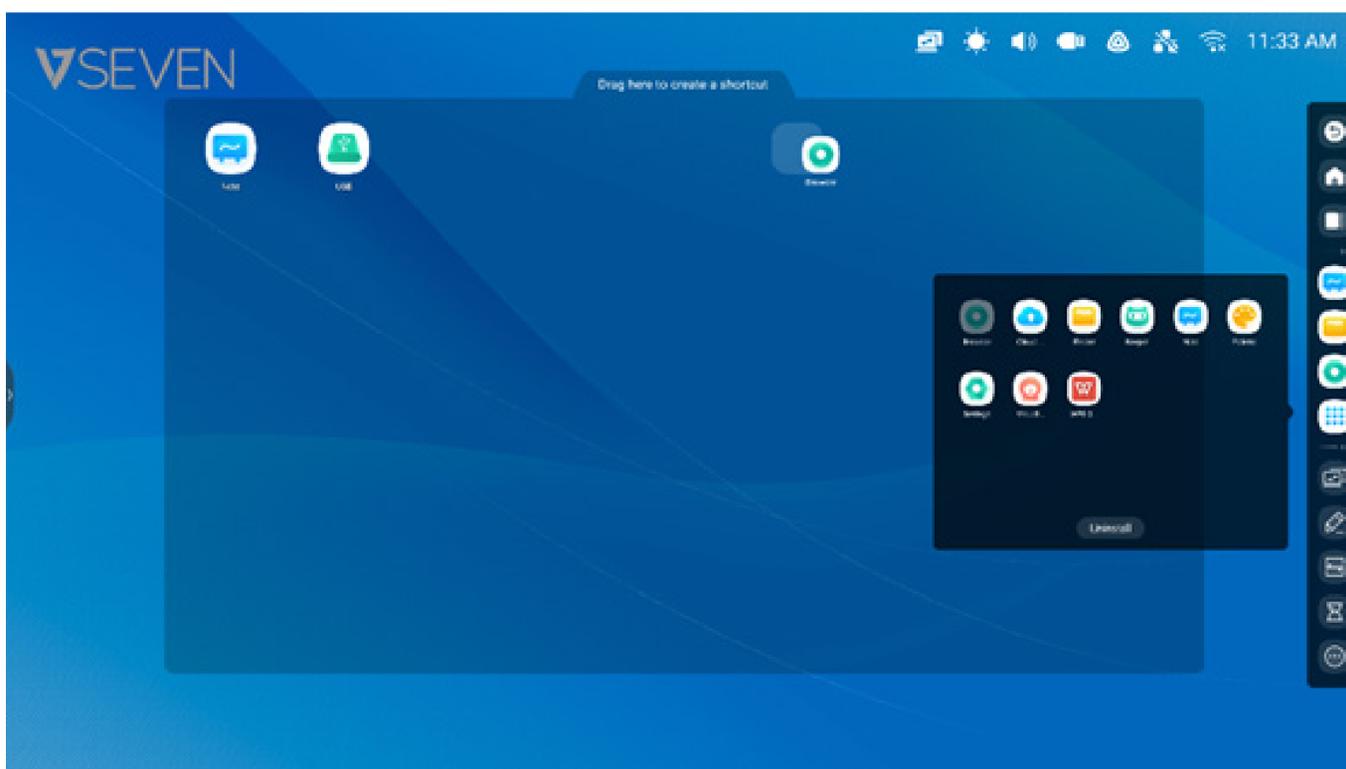
Shortcuts:

The home screen shortcut storage area is where you can place commonly used shortcuts such as:
Application shortcuts: Drag the icon from All apps to the shortcut storage area of the Launcher.

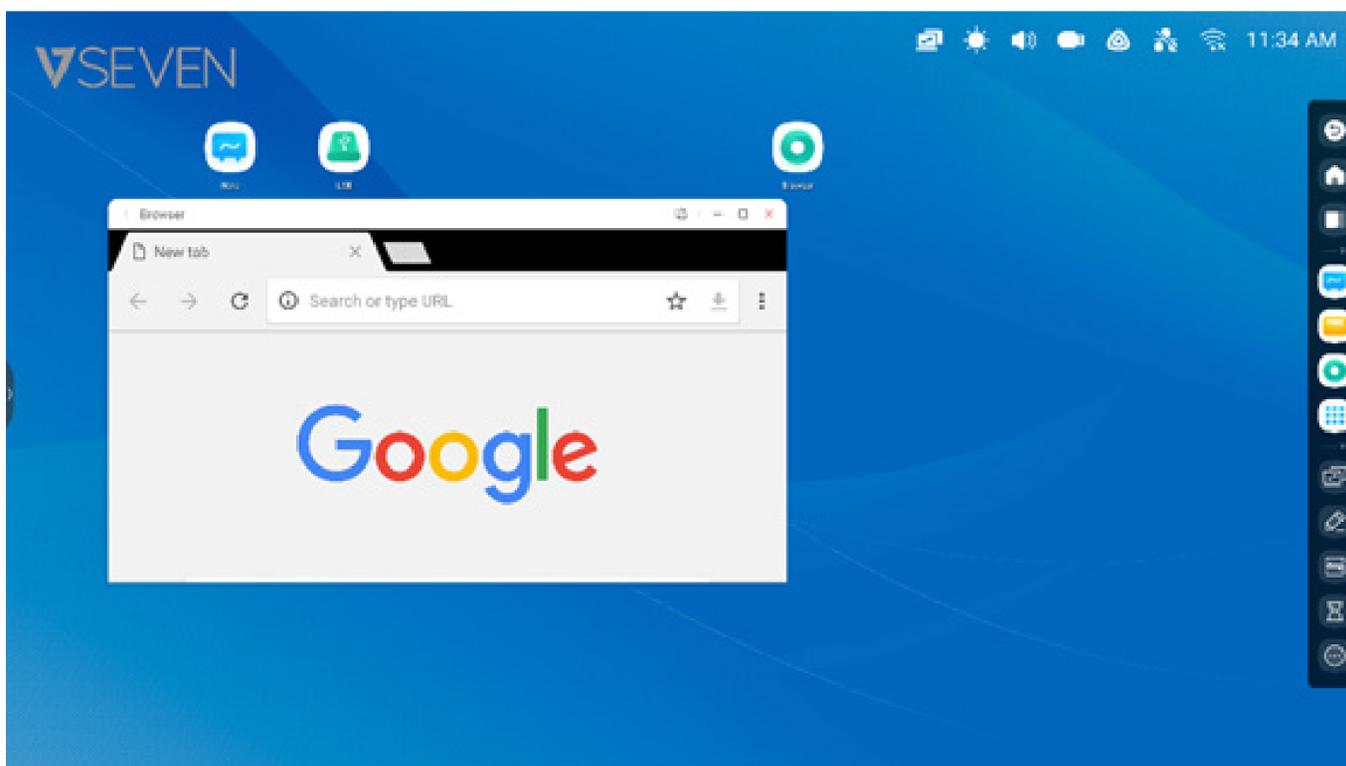
Step 1: Drag the app icons from All apps.



Step 2: Drag to the Home screen area where you want to place it.

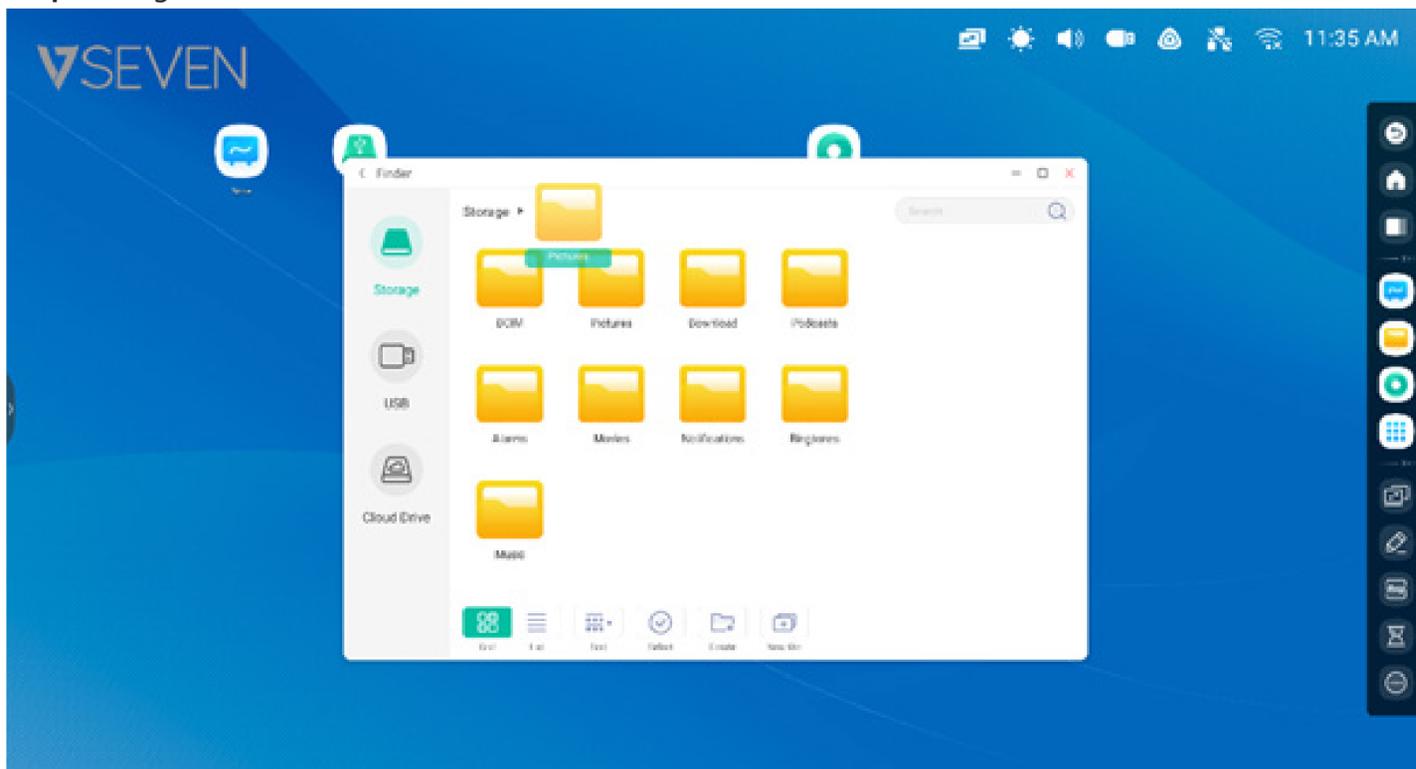


The application can be quickly launched by touching the shortcut icon on the home screen.

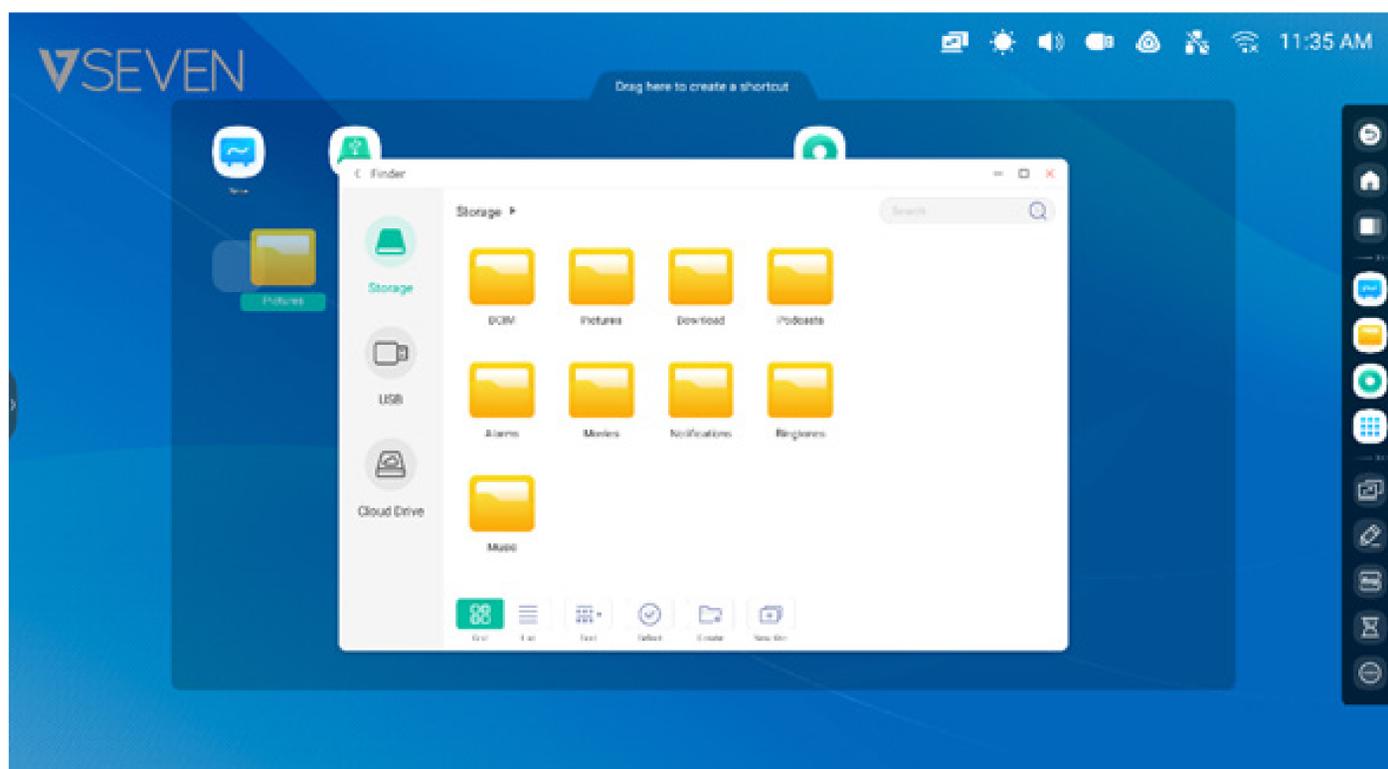


File shortcut: Drag or send files/folders from Finder to the shortcut storage area of the home screen.

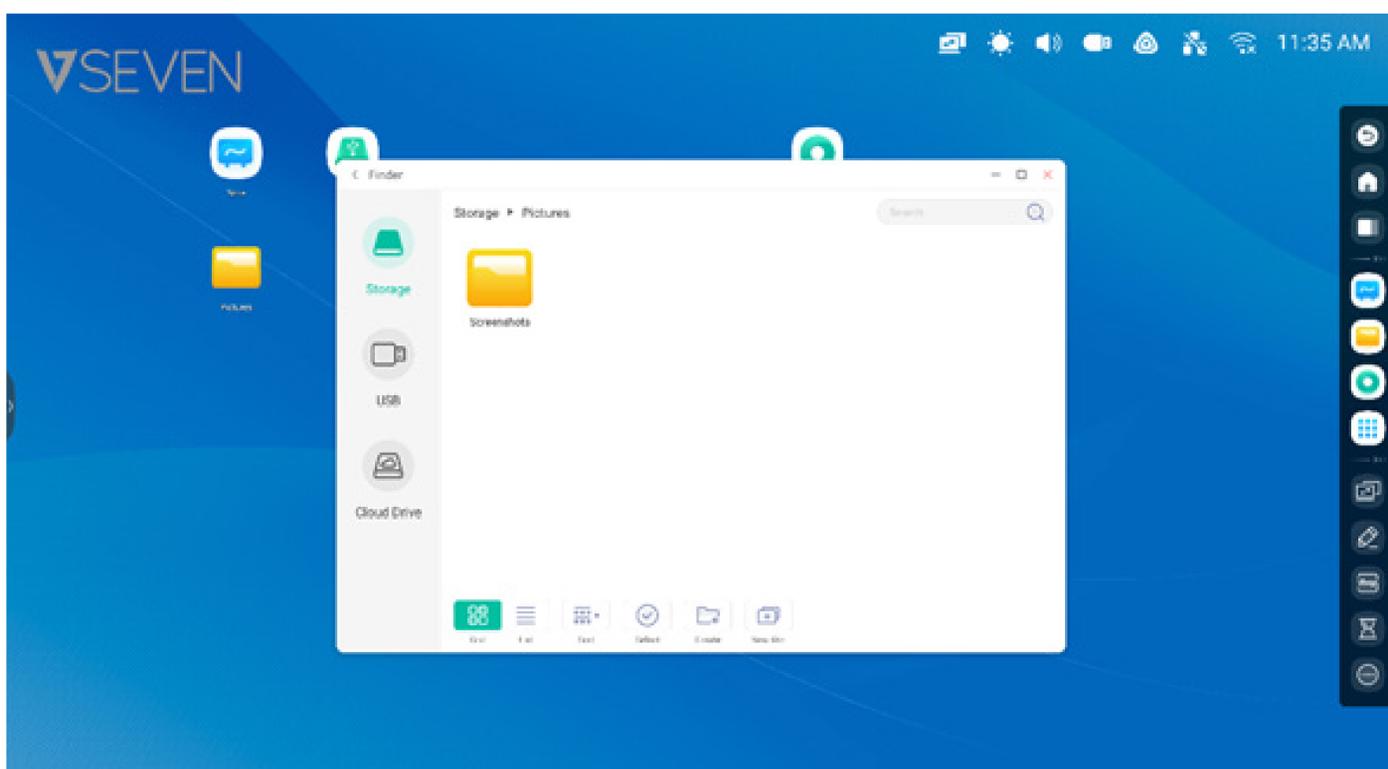
Step 1: Drag the files/folders from Finder



Step 2: Drag to the storage area where you want to place it.

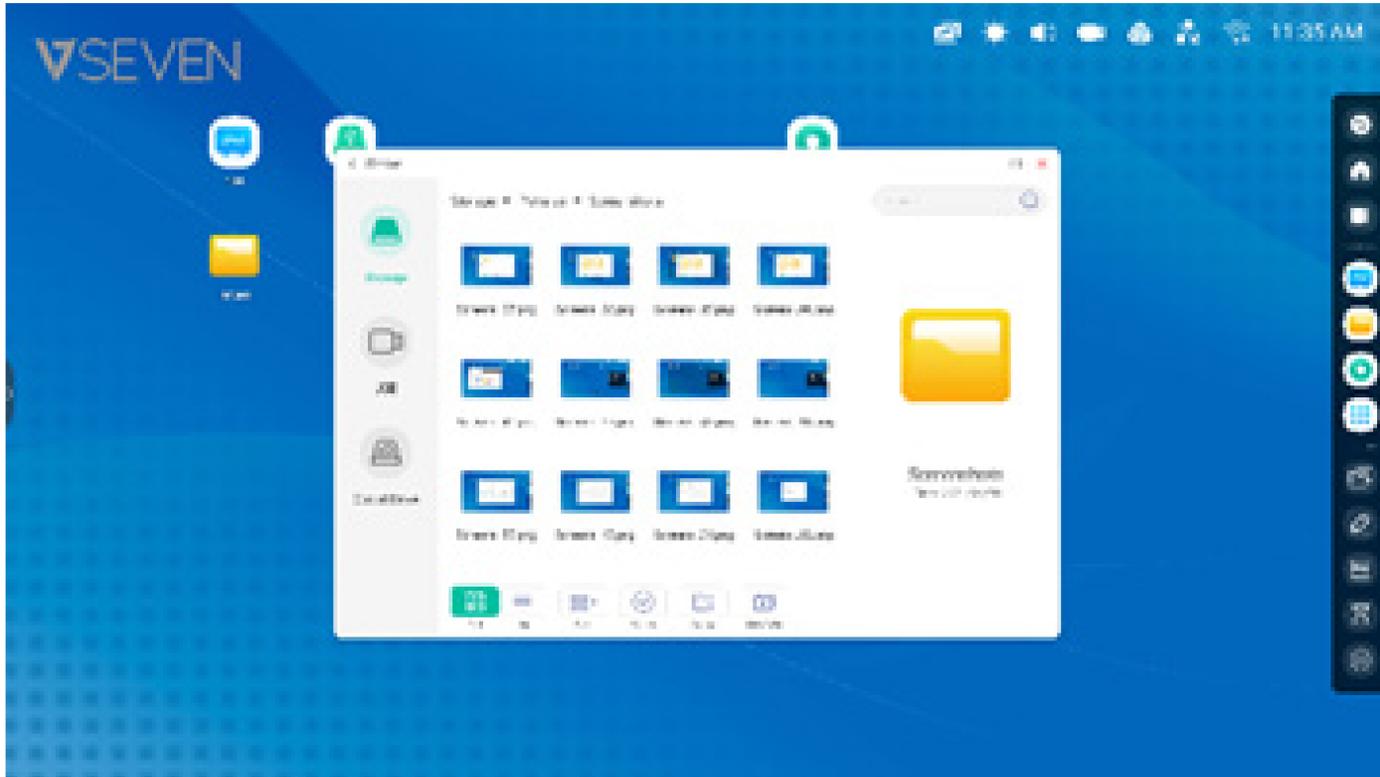


The folder path can be quickly opened by touching the shortcut icon on the home screen.

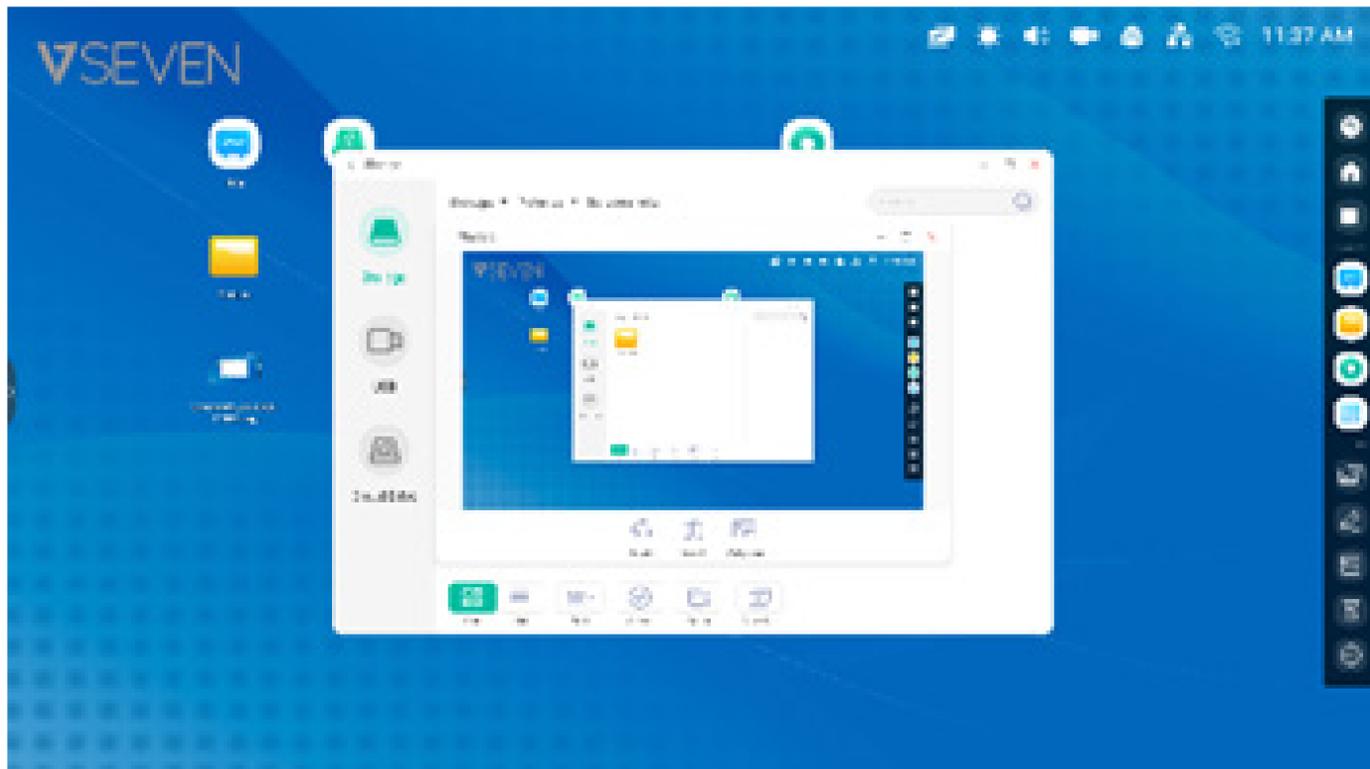


Shortcut Tip 1: Another way to create a Home screen shortcut from the Finder:

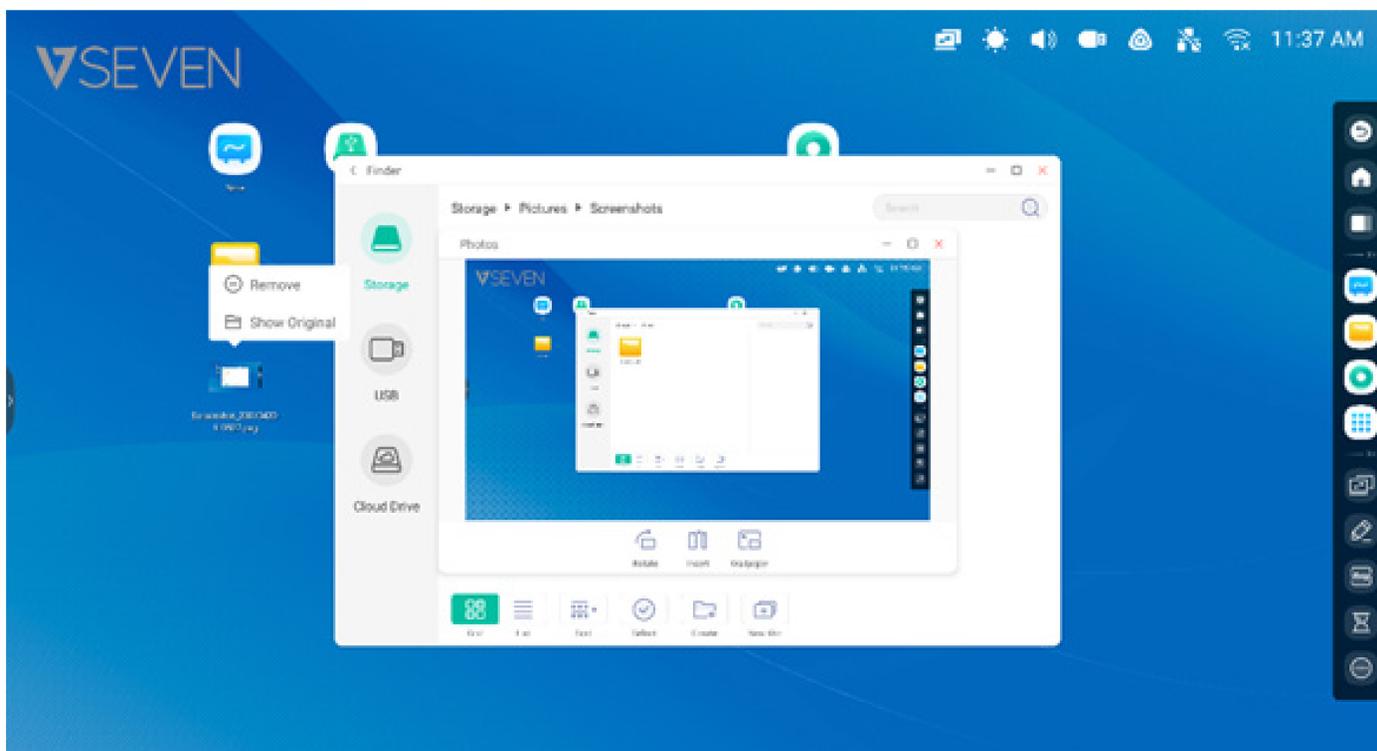
Select the file > on the bottom 'Send' > select 'shortcut' to create.



The file can be quickly opened by clicking the Home screen shortcut icon.

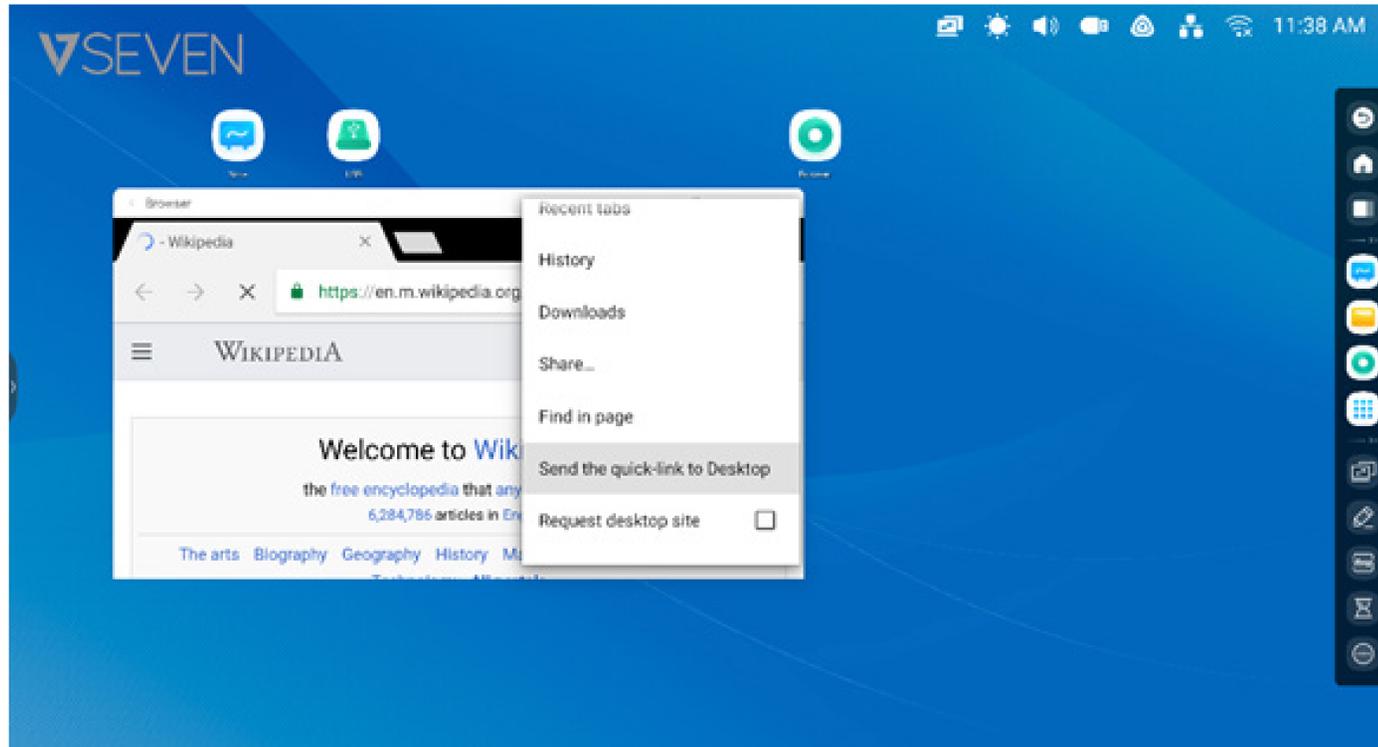


Shortcut Tip 2: Long press the icon to quickly find the source file path.

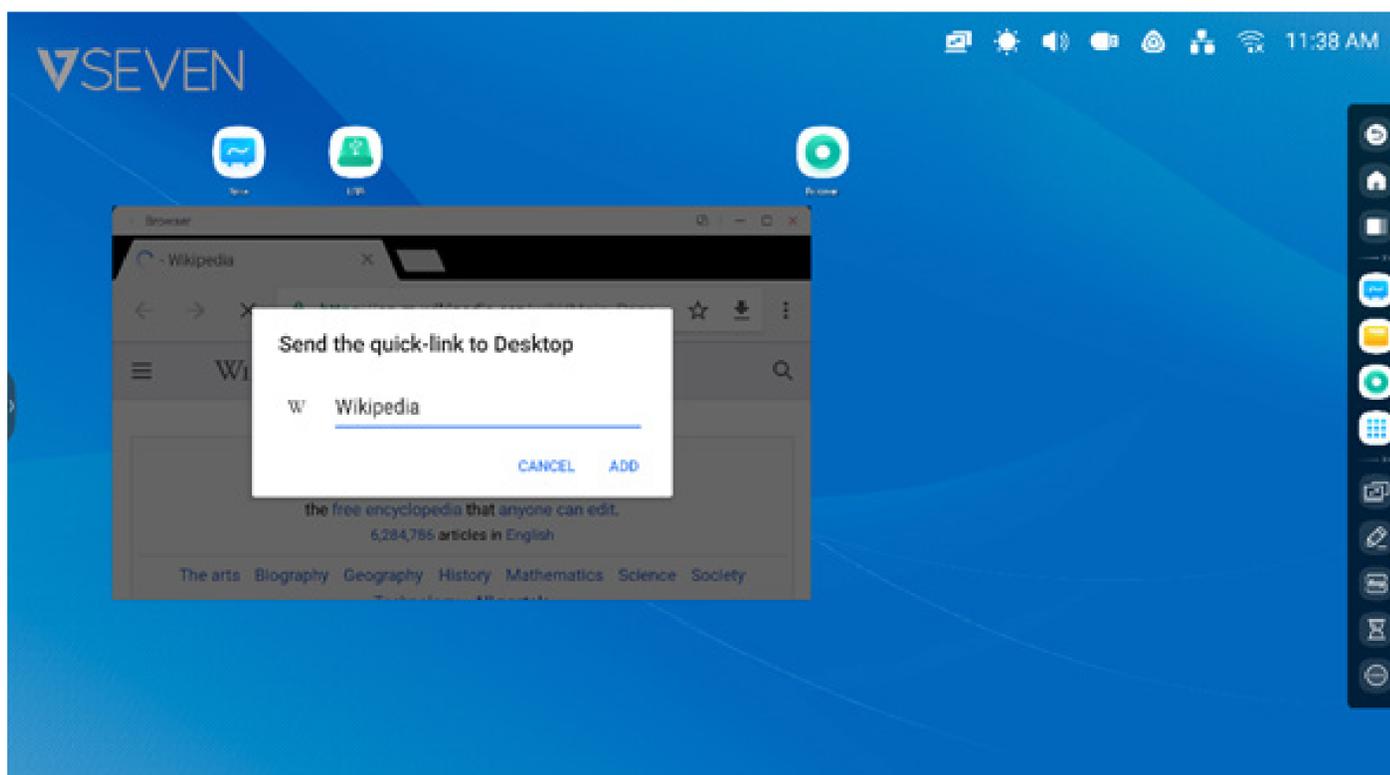


Website shortcut

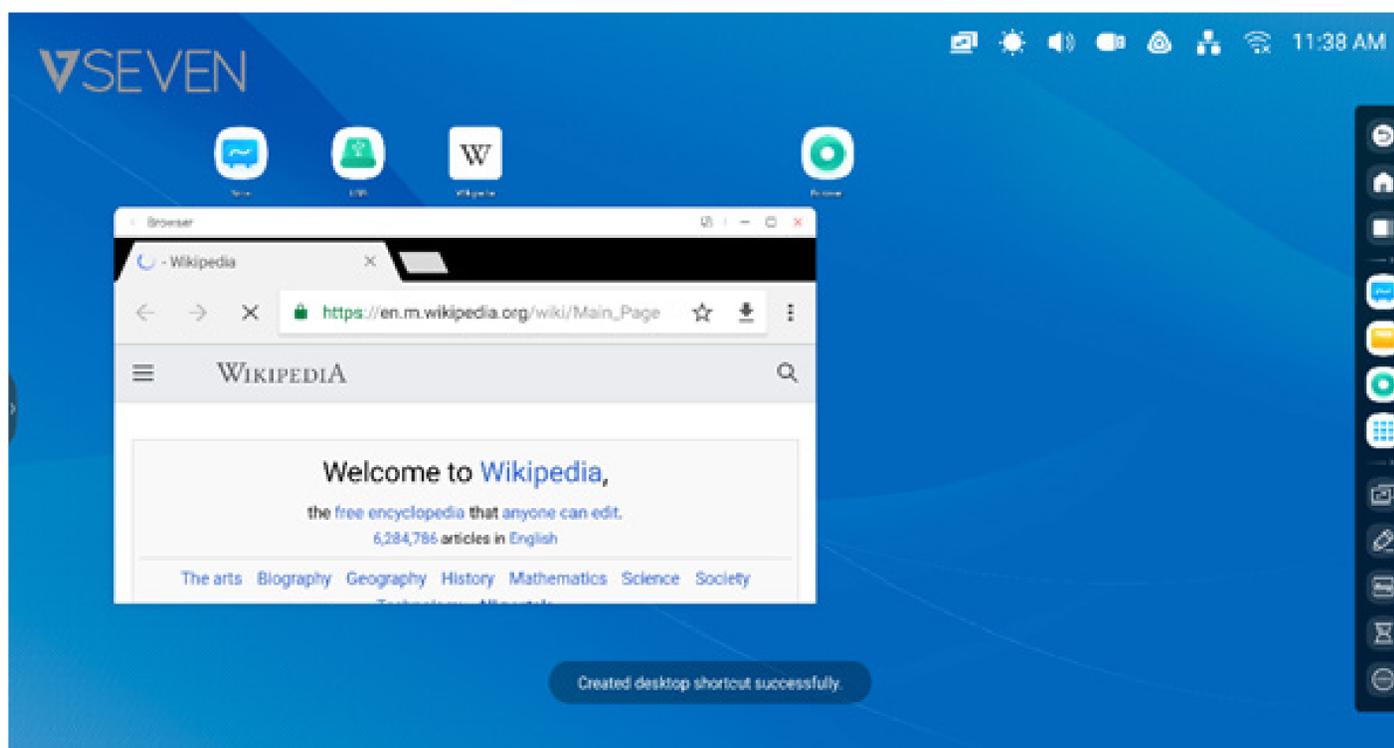
Step 1: From the web browser, open the website you want, touch the three vertical dots menu on the right side of the browser, and select 'Send the quick-link to Desktop'.



Step 2: Name the new website shortcut so you can easily find it on your home screen.

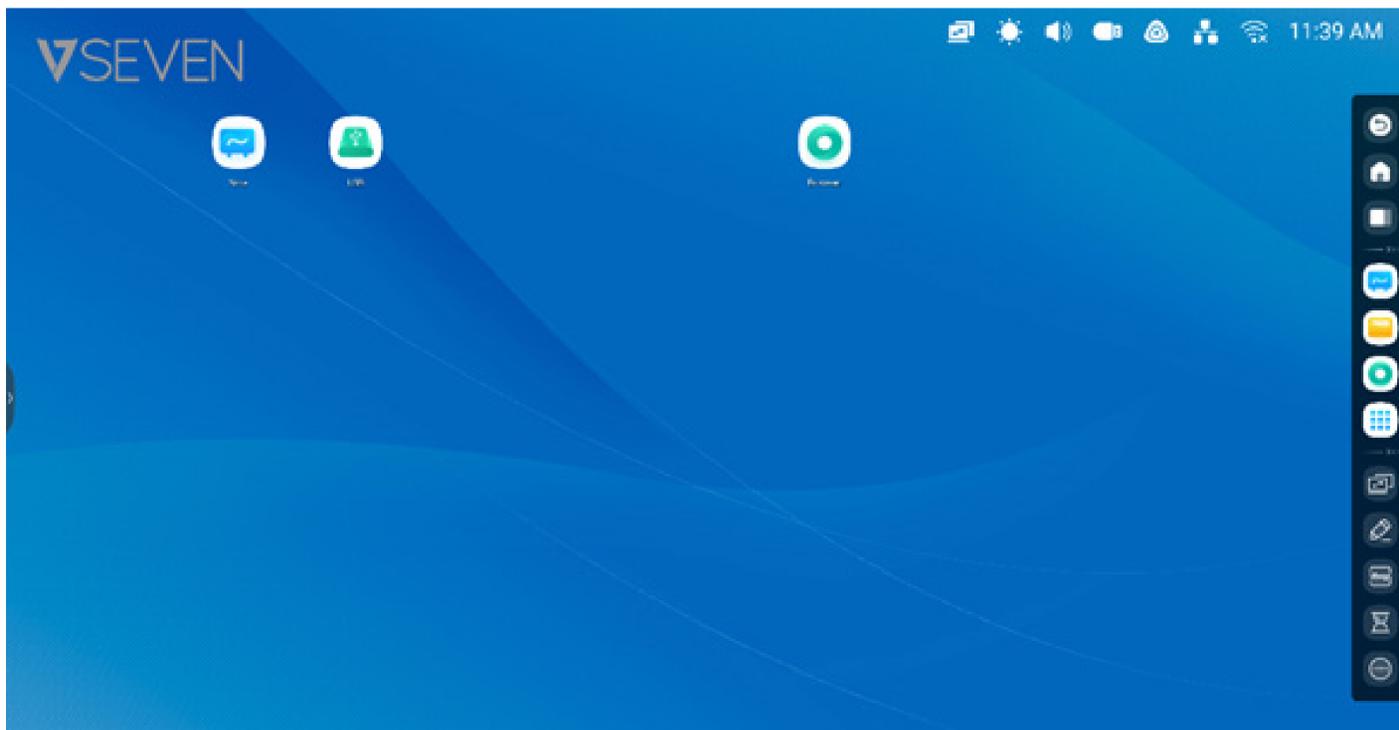


The website can be easily opened from the new shortcut.



USB shortcut:

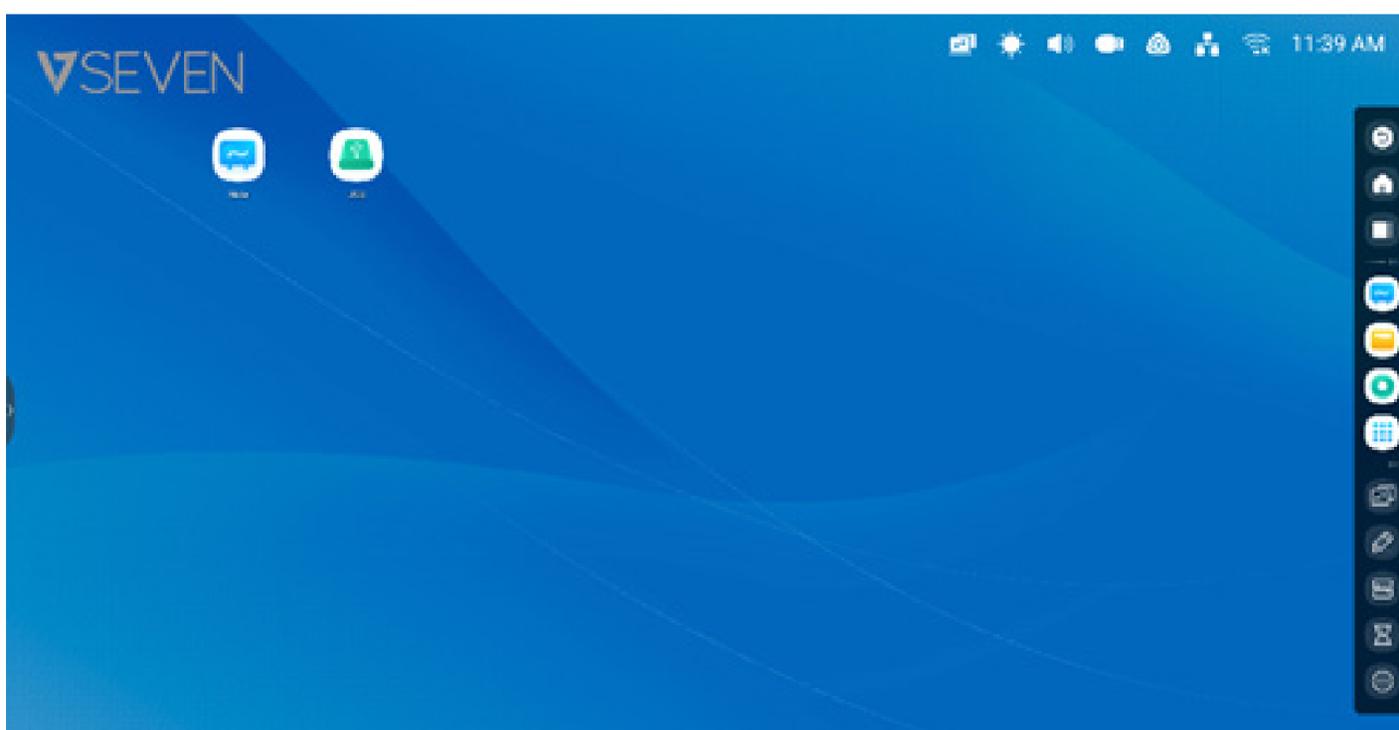
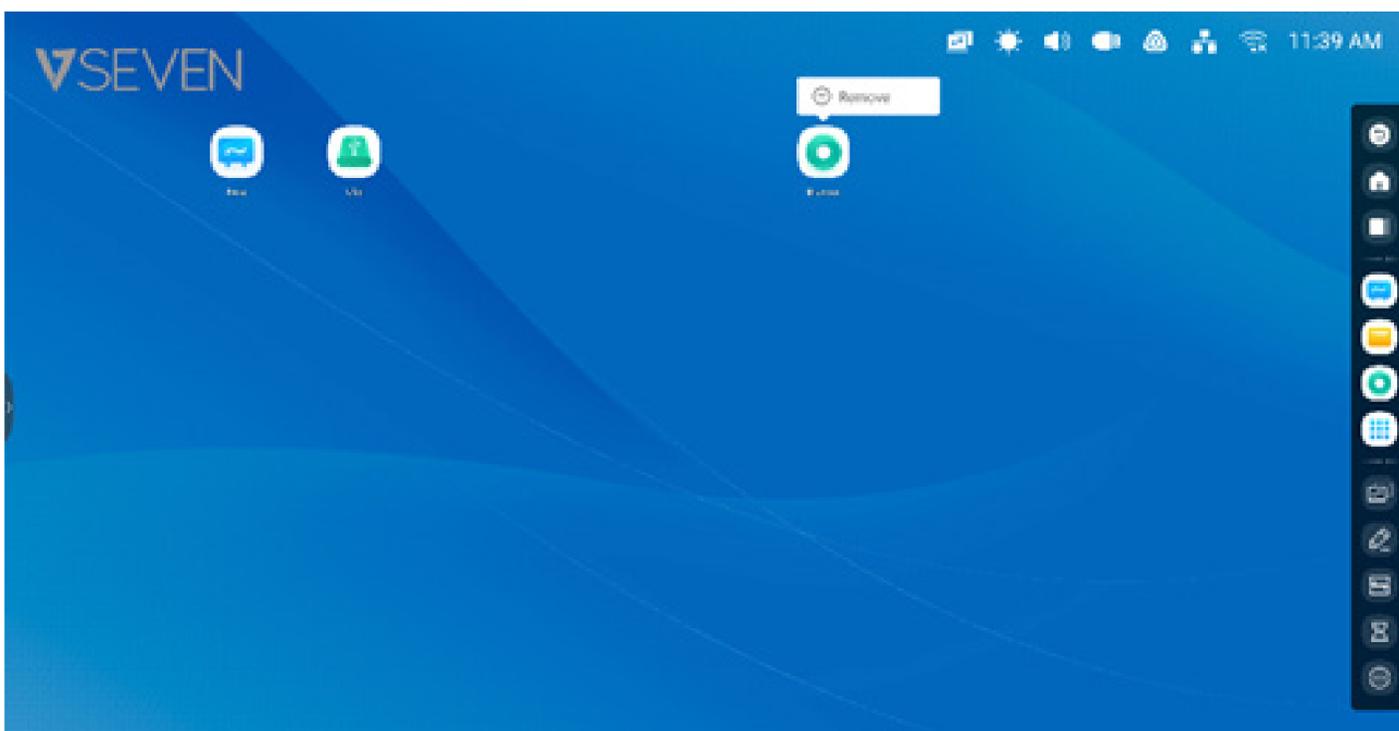
When you insert a USB disk drive into the USB connector of the IFP, there will be a shortcut entry placed automatically on the home screen of the Launcher to make it easy to find and open your USB disk drive in the Finder



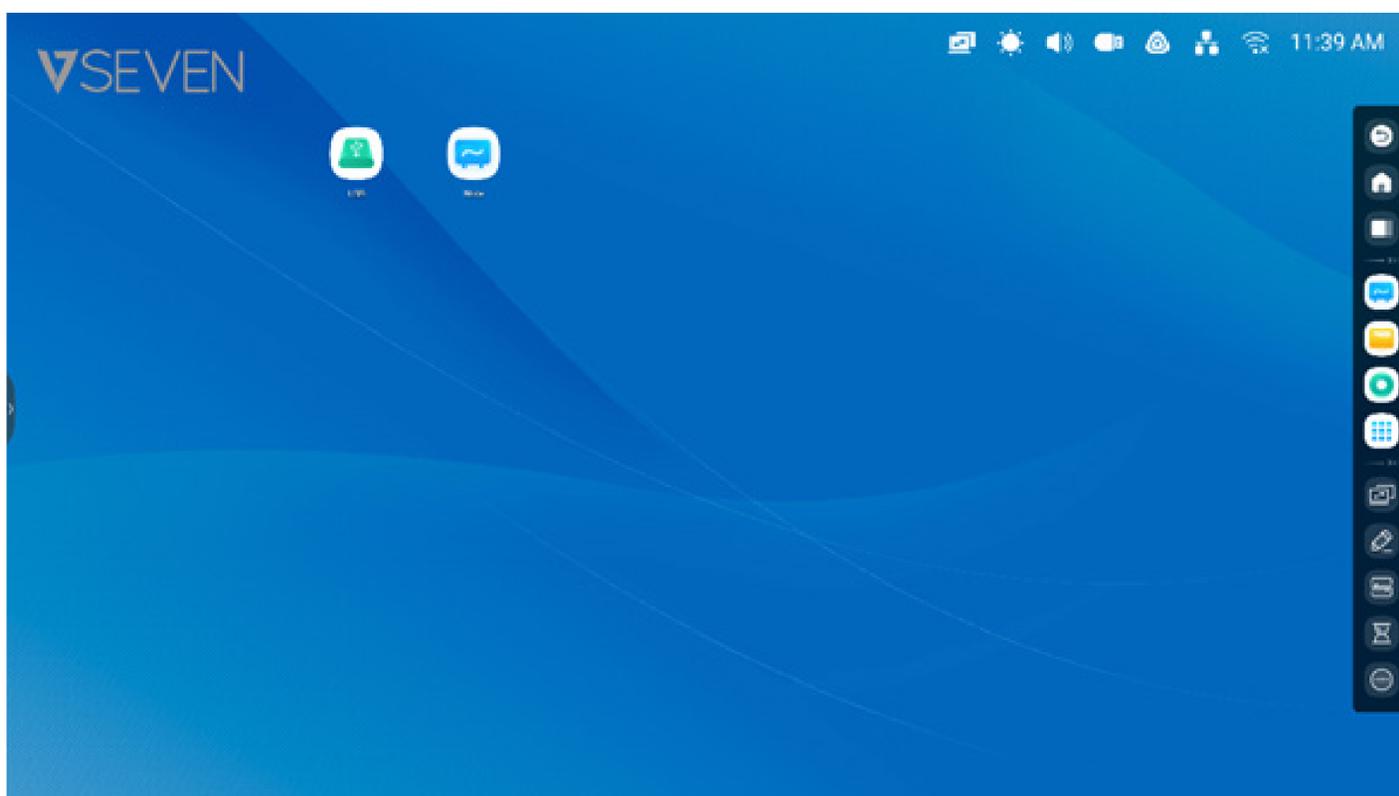
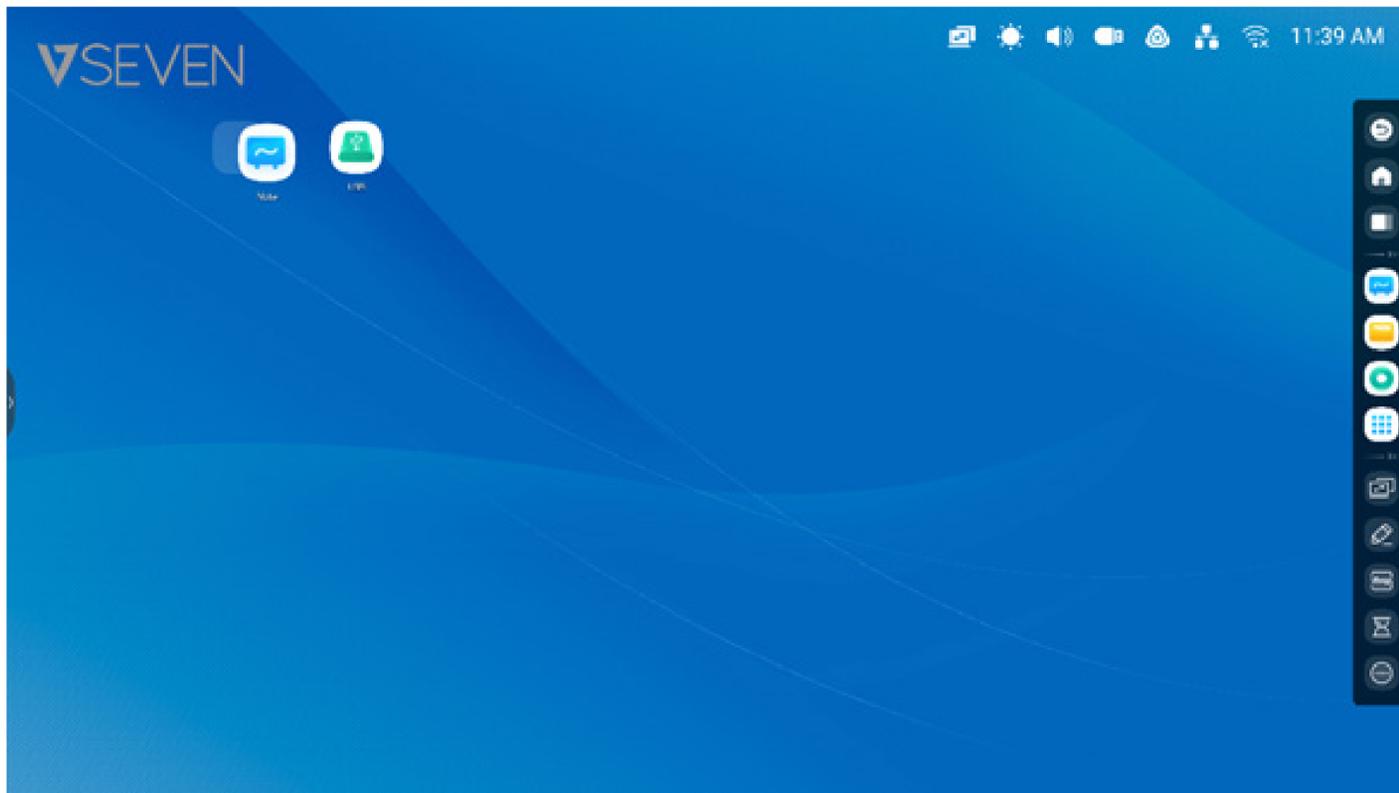
Shortcut management:

Long press or drag shortcuts to manage

Remove: Long press the icon and it will show a menu, select 'remove' to remove the shortcut from the home screen of the Launcher.

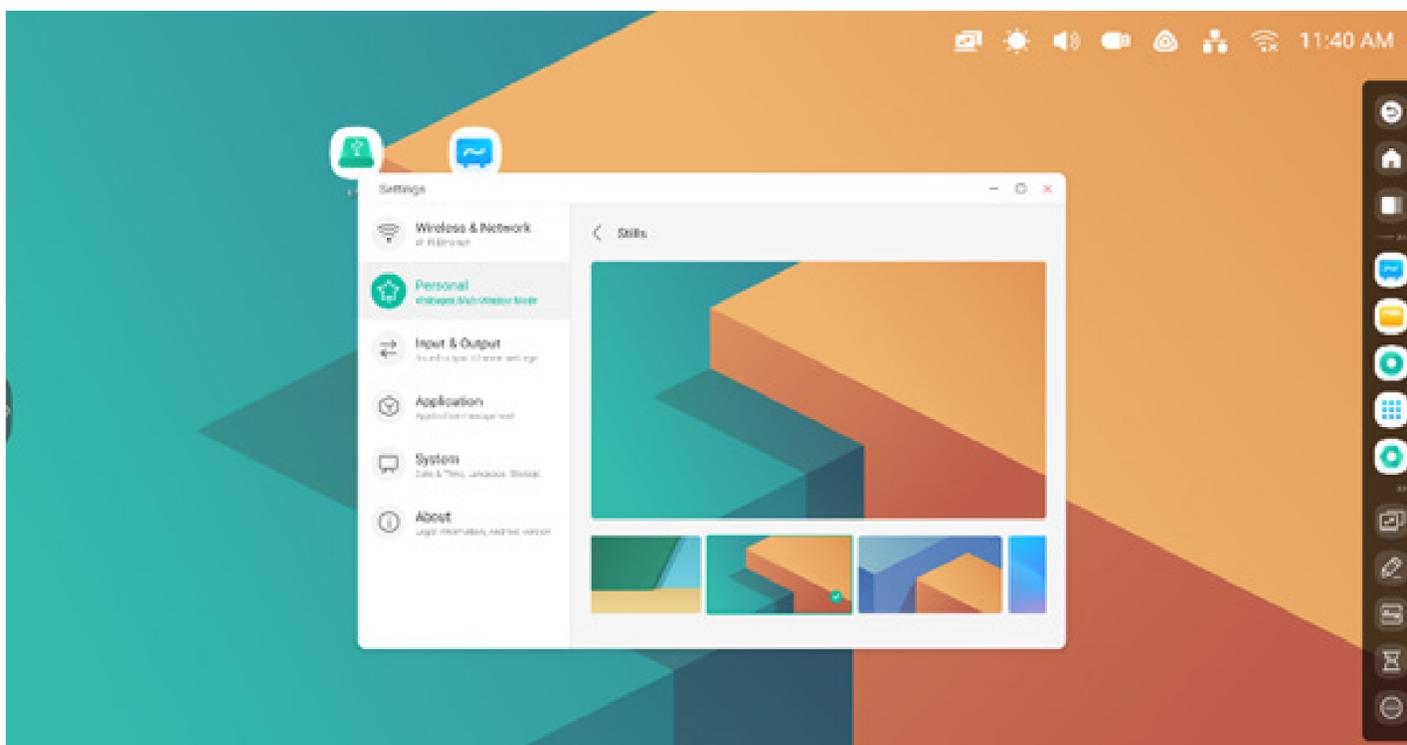


Move shortcut: Long press and drag to move the shortcut to where you want on the Launcher.



Wallpaper: Launcher allows you to customize the background wallpaper:

Custom wallpaper: Open " Settings > Personal > Wallpaper >" page to choose a new background wallpaper for your home screen.



System bar

The system bar provides centralized tools and efficient task switching and management. It integrates a task manager, application manager, and tool manager. You can also customize configuration and management to make it easier to find what you use most.

Input Source & running apps:



All apps:



All tools:

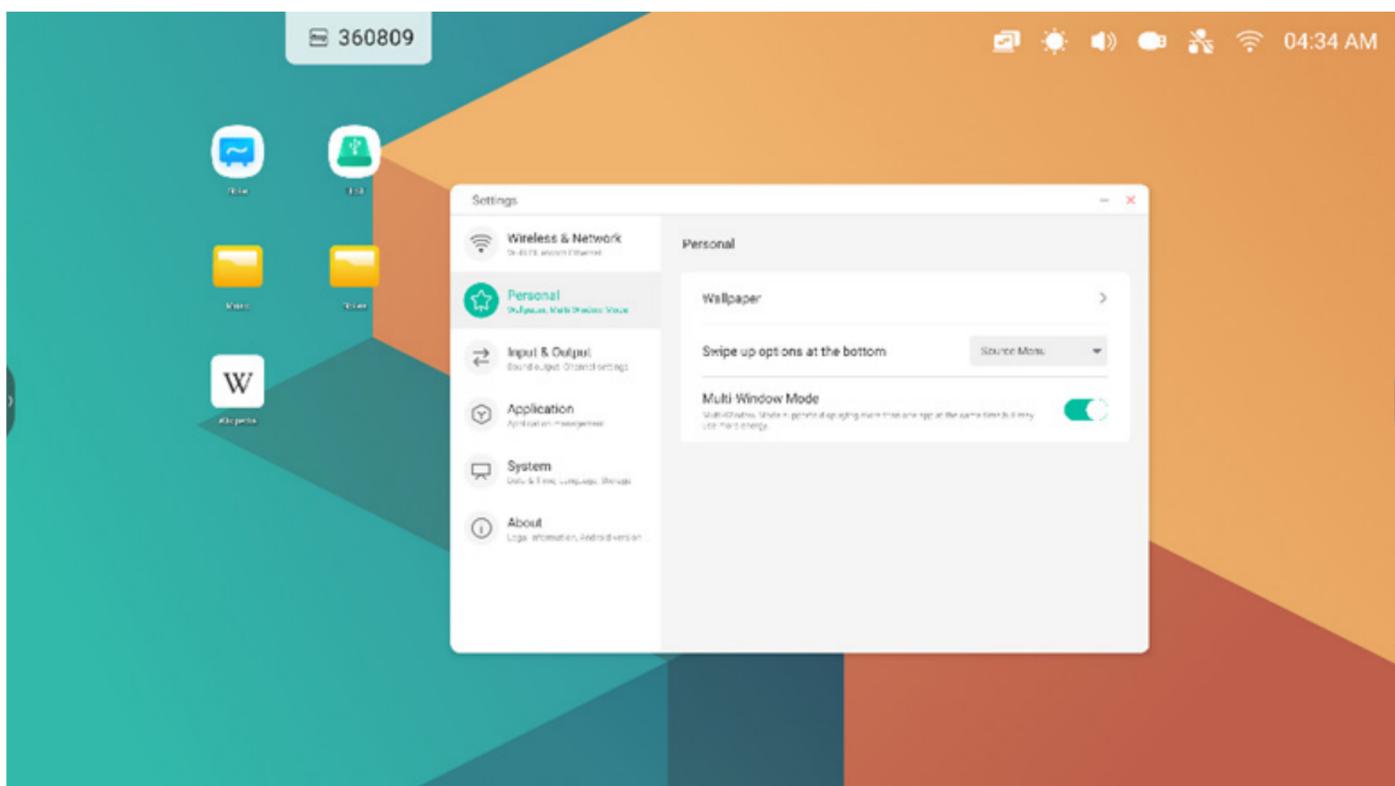


Customize System bar:

Customize which apps or tools you want on the system bar:



Customize position of system bar on the screen:



System Bar Navigation



Back: Return to the last operating interface



Home: Minimize everything and go to the Home screen of the Launcher



Backstage: Display and manage the recent apps and input sources

Backstage: Select a running process to open it, or drag it out to close that process. Or you can close all the running processes on your system by selecting 'Clean all'



Application Center

Start and manage System bar apps:

<p>Default shortcuts</p>	 <p>The default apps are displayed in System bar: Note, Finder, Browser. Select one to start an app.</p>
<p>All apps</p>	 to view all apps.  <p>The apps installed by default include: Browser, Cloud Drive, Finder, Keeper, Note, Palette, Settings, Visualizer, WPS Office</p>
<p>Running apps</p>	<p>Select a running app to move it to the front of your launcher</p>

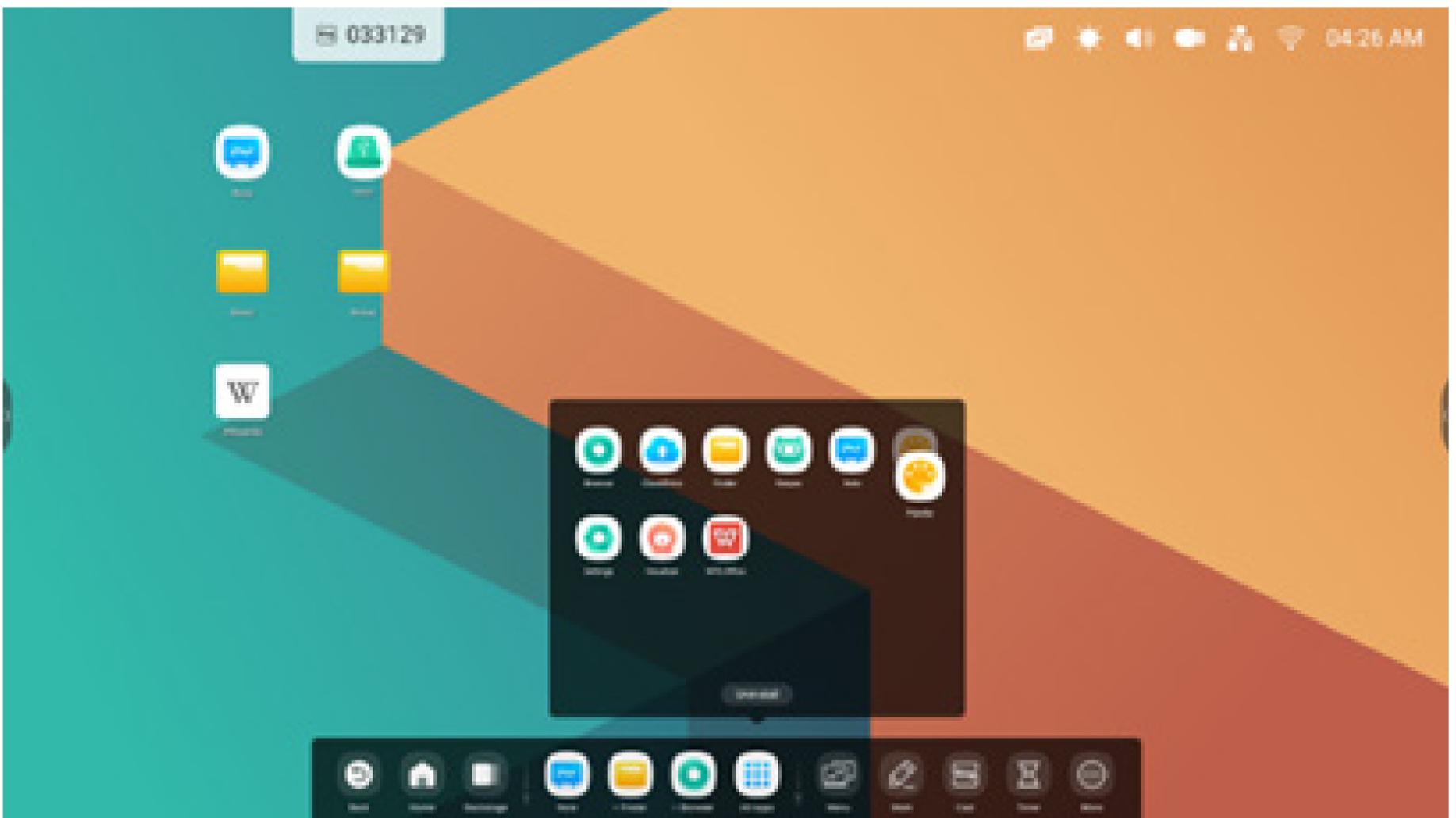
Default shortcut

Place up to 5 commonly used app shortcuts in the System bar. You can drag and drop app shortcuts to and from All Apps to replace one that is already there.

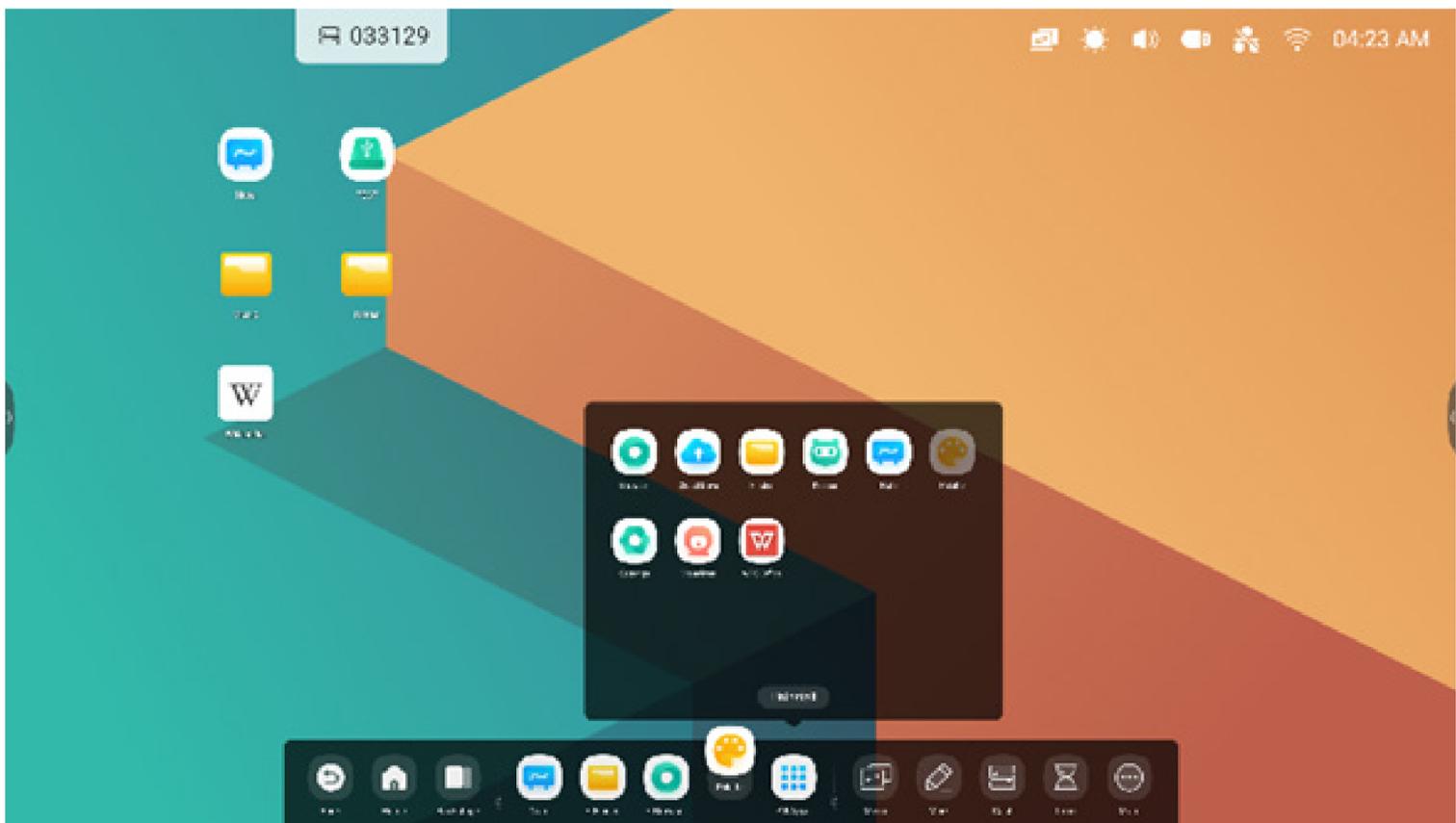
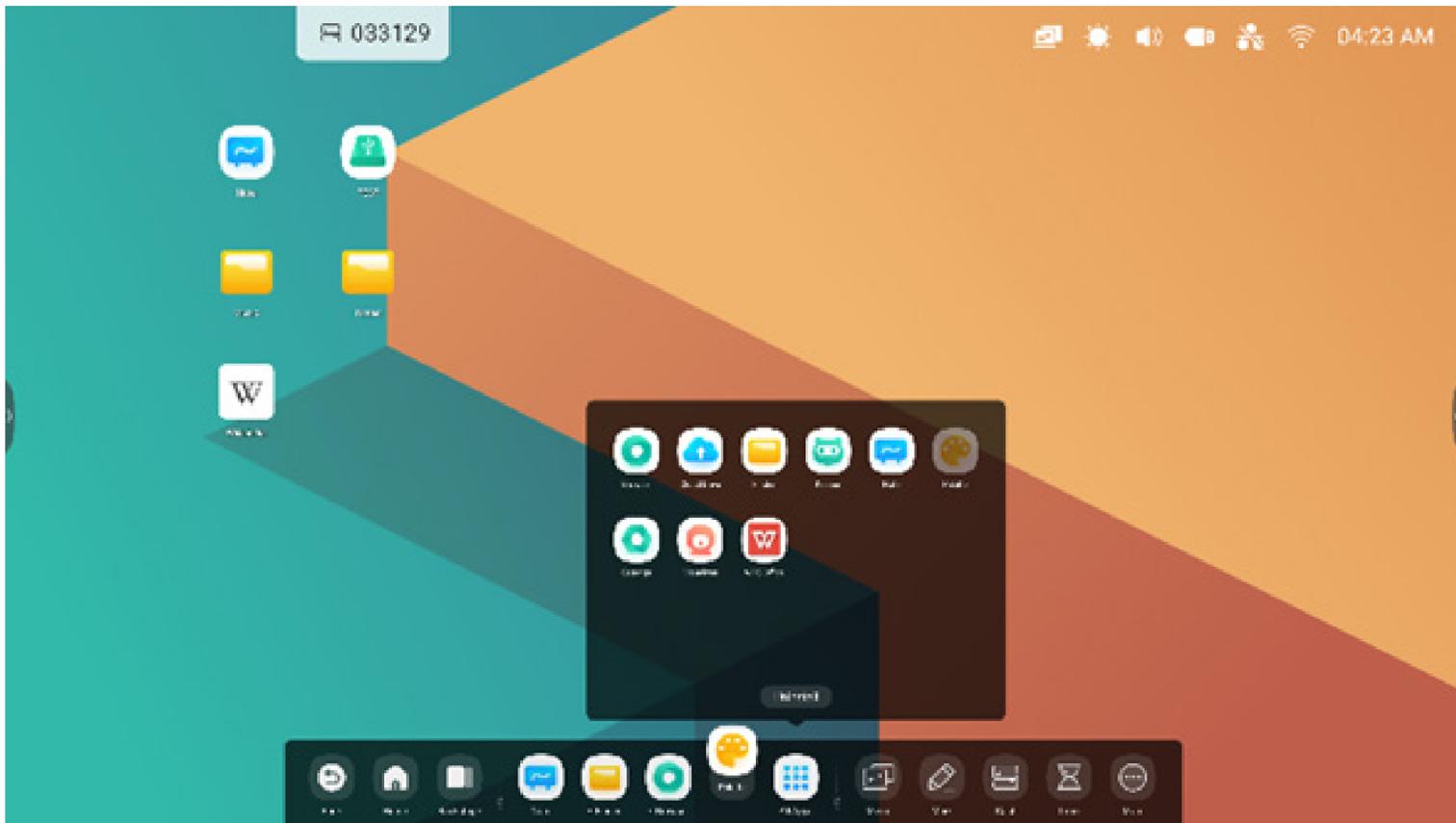
Step 1: 'All Apps' and find the app you want.



Step 2: Long press and drag it.

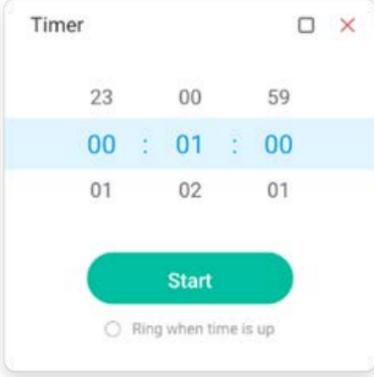
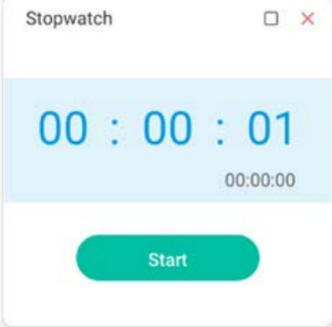


Step 3: Move to the System bar to create in default shortcut area.



Tools

Function	Description
Menu	<div data-bbox="401 2160 1188 2733" style="border: 1px solid #ccc; padding: 10px; margin-bottom: 10px;"> <p style="text-align: center; margin: 0;">Common settings</p> <div style="display: flex; flex-wrap: wrap; justify-content: space-around;"> <div style="text-align: center; margin: 5px;">  PC </div> <div style="text-align: center; margin: 5px;">  Android </div> <div style="text-align: center; margin: 5px;">  HDMI 1 </div> <div style="text-align: center; margin: 5px;">  HDMI 2 </div> <div style="text-align: center; margin: 5px;">  VGA 1 </div> <div style="text-align: center; margin: 5px;">  VGA 2 </div> <div style="text-align: center; margin: 5px;">  DP </div> <div style="text-align: center; margin: 5px;">  DP </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="display: flex; align-items: center;">  <div style="flex-grow: 1; border-bottom: 2px solid #ccc; position: relative;"> <div style="position: absolute; left: 0; top: -5px; width: 100%; height: 100%; background: linear-gradient(to right, #ccc, #ccc);"></div> <div style="position: absolute; left: 20%; top: -5px; width: 10%; height: 100%; background-color: #007bff; border-radius: 50%;"></div> </div>  </div> <div style="display: flex; align-items: center;">  <div style="flex-grow: 1; border-bottom: 2px solid #ccc; position: relative;"> <div style="position: absolute; left: 0; top: -5px; width: 100%; height: 100%; background: linear-gradient(to right, #ccc, #ccc);"></div> <div style="position: absolute; left: 30%; top: -5px; width: 40%; height: 100%; background-color: #007bff; border-radius: 50%;"></div> </div>  </div> </div> </div> <ul style="list-style-type: none"> Show all input sources including Android, USB-C, HDMI, and VGA. Show more advanced settings, including Audio, Screen, Display, Adjust of the input source.

<p>Mark</p>	 <ol style="list-style-type: none"> 1. Draw on top of the screen. 2. Take notes on top of any onscreen content. 3. Share the contents via QR code and saving to cloud disk.
<p>Cast</p>	 <p>For seamless wireless presentation and collaboration during lectures.</p>
<p>Timer</p>	 <p>Counts down from a specified time interval.</p>
<p>Crop</p>	 <ol style="list-style-type: none"> 1. Capture screen shots of anything on the screen, including content from apps, websites, and videos. 2. Select Freedom, Full or Window mode. 3. Support to insert whiteboard for editing.
<p>Stopwatch</p>	 <p>Counts upwards from zero for measuring elapsed time.</p>

<p>Airclass</p>	<div data-bbox="829 222 1486 1092" data-label="Image"> </div> <ol style="list-style-type: none"> 1. Presenter can invite audience to join interactive activities through a website with a QR code. 2. Includes voter, responder, selector, message and other activities.
<p>Spotlight</p>	<div data-bbox="1024 1448 1255 1576" data-label="Image"> </div> <p>Focus on specific areas of the screen.</p>
<p>Freeze</p>	<div data-bbox="877 1760 1367 1902" data-label="Image"> </div> <p>Freeze and zoom the current content on the screen.</p>
<p>ScreenLock</p>	<p>Lock the screen with the ScreenLock, and unlock it by entering the password, which is configured in Settings.</p>

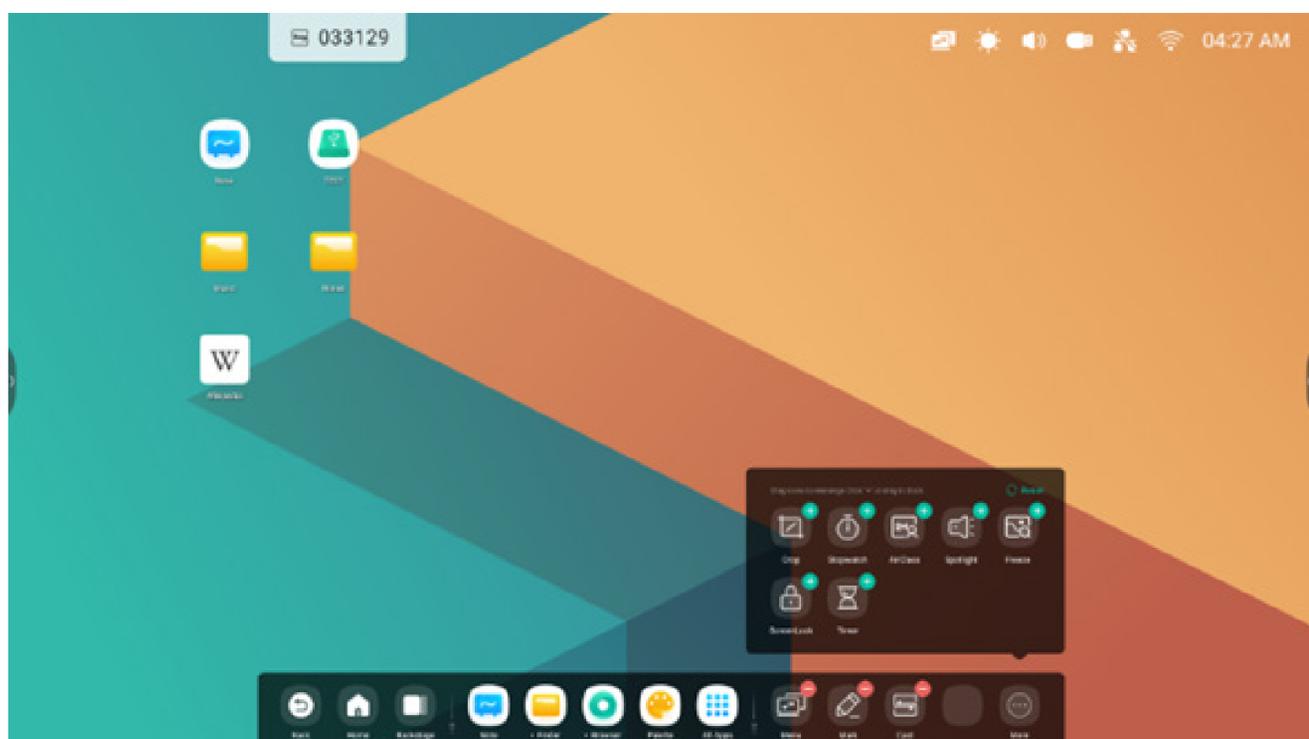
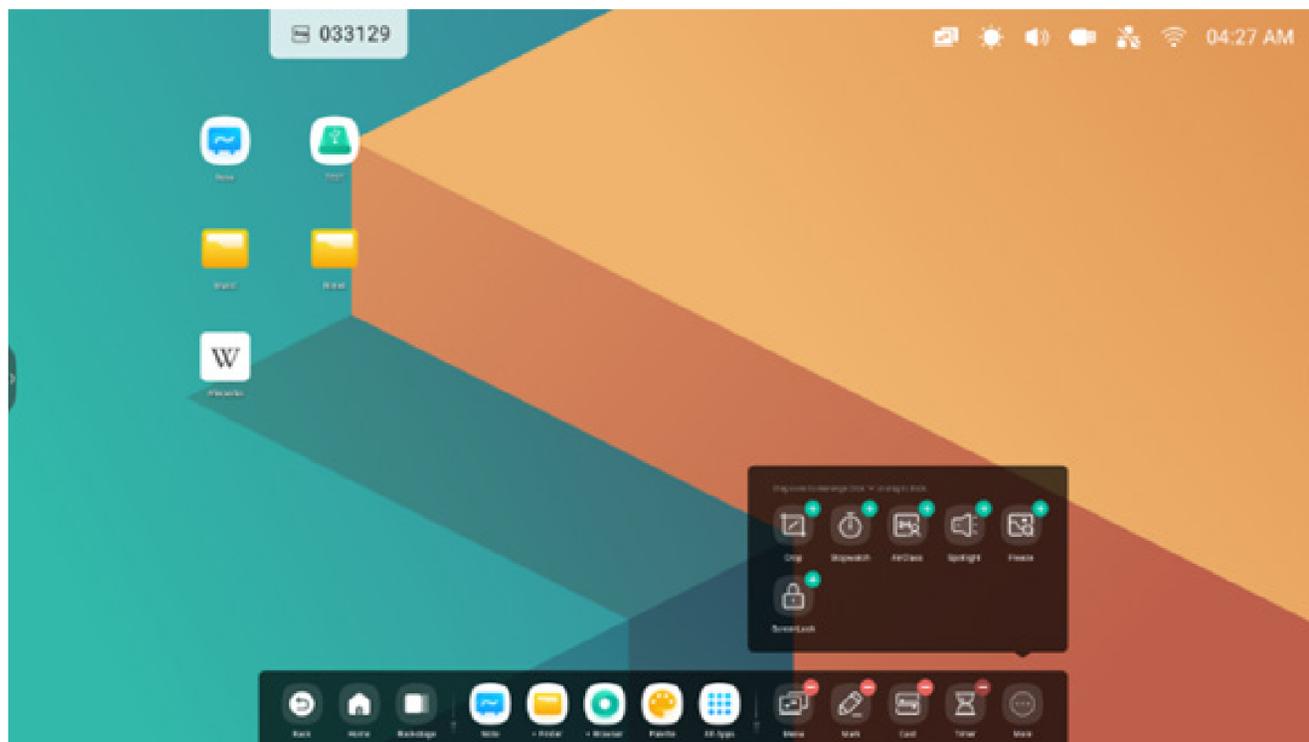
2.3.2 Customize Tools:

Create 4 commonly used tools in the System bar. Add other tools from 'More' to replace.

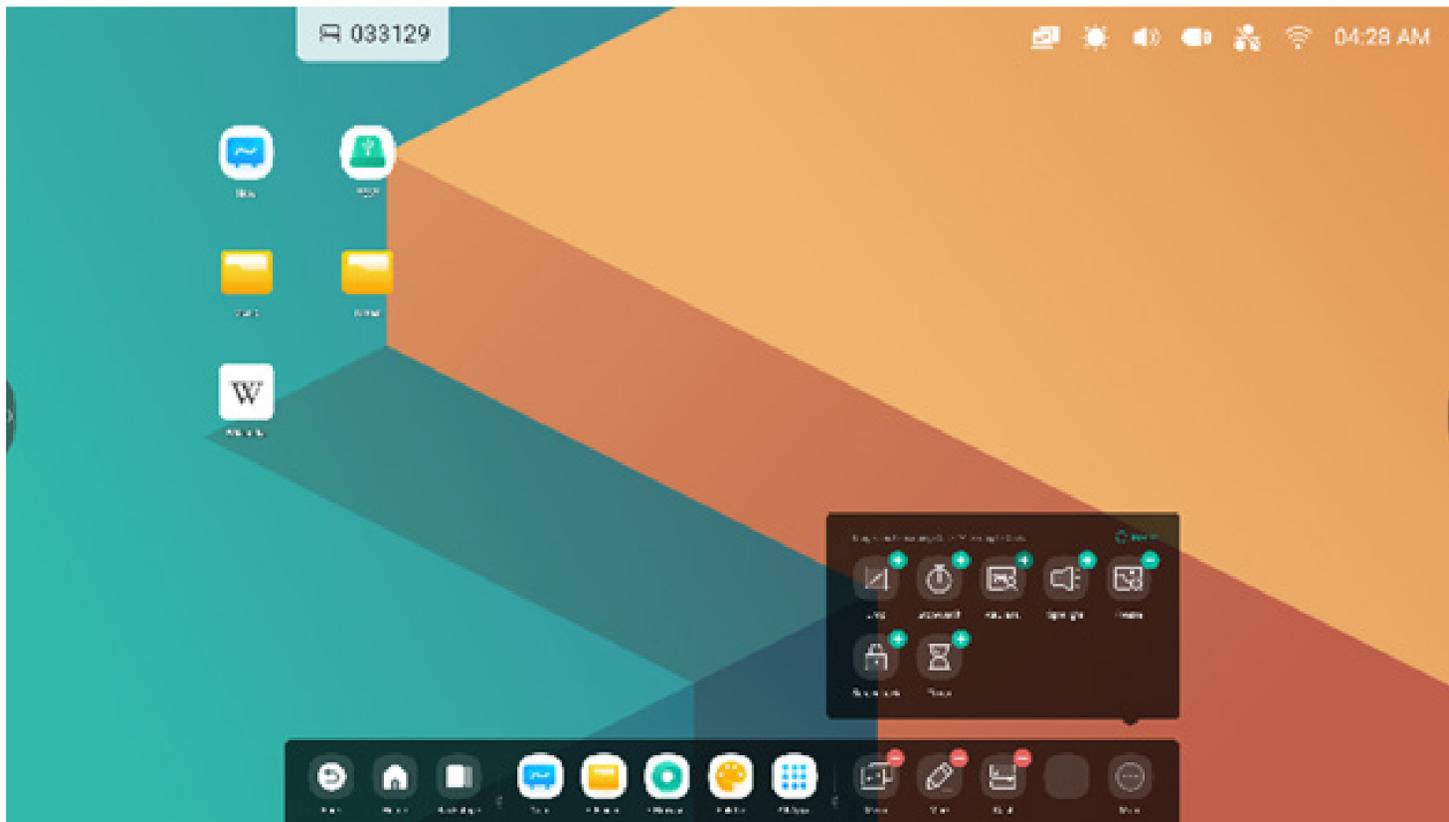
Step 1: 'Edit' or long press the tools icon into editing state.



Step 2: '-' to remove the display in System bar.



'+' to add the display in System bar.



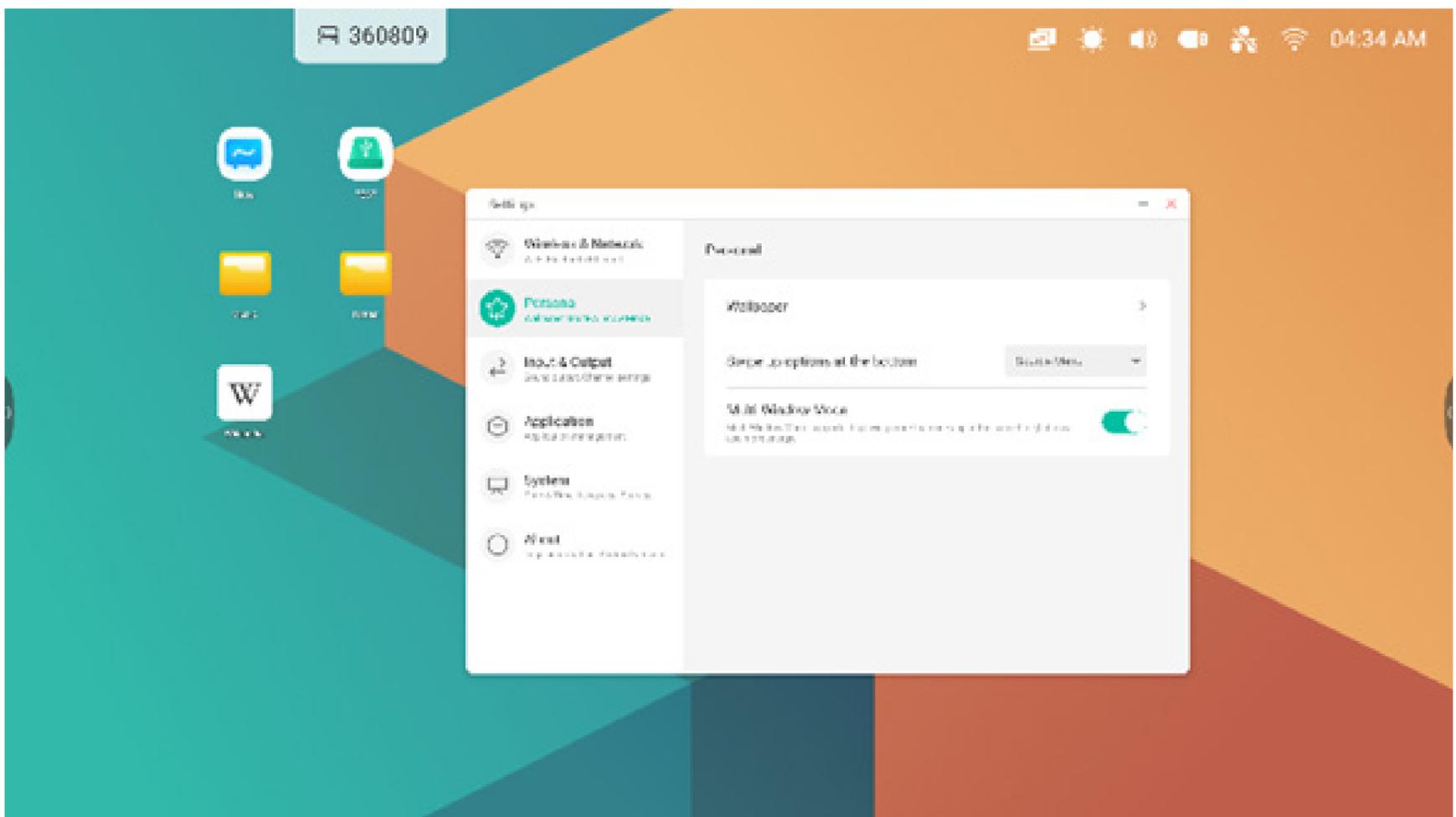
2.4 System bar Settings:

By default, the system bar is accessible from the arrows on the sides:





You can also configure hide / display in settings according to preference:

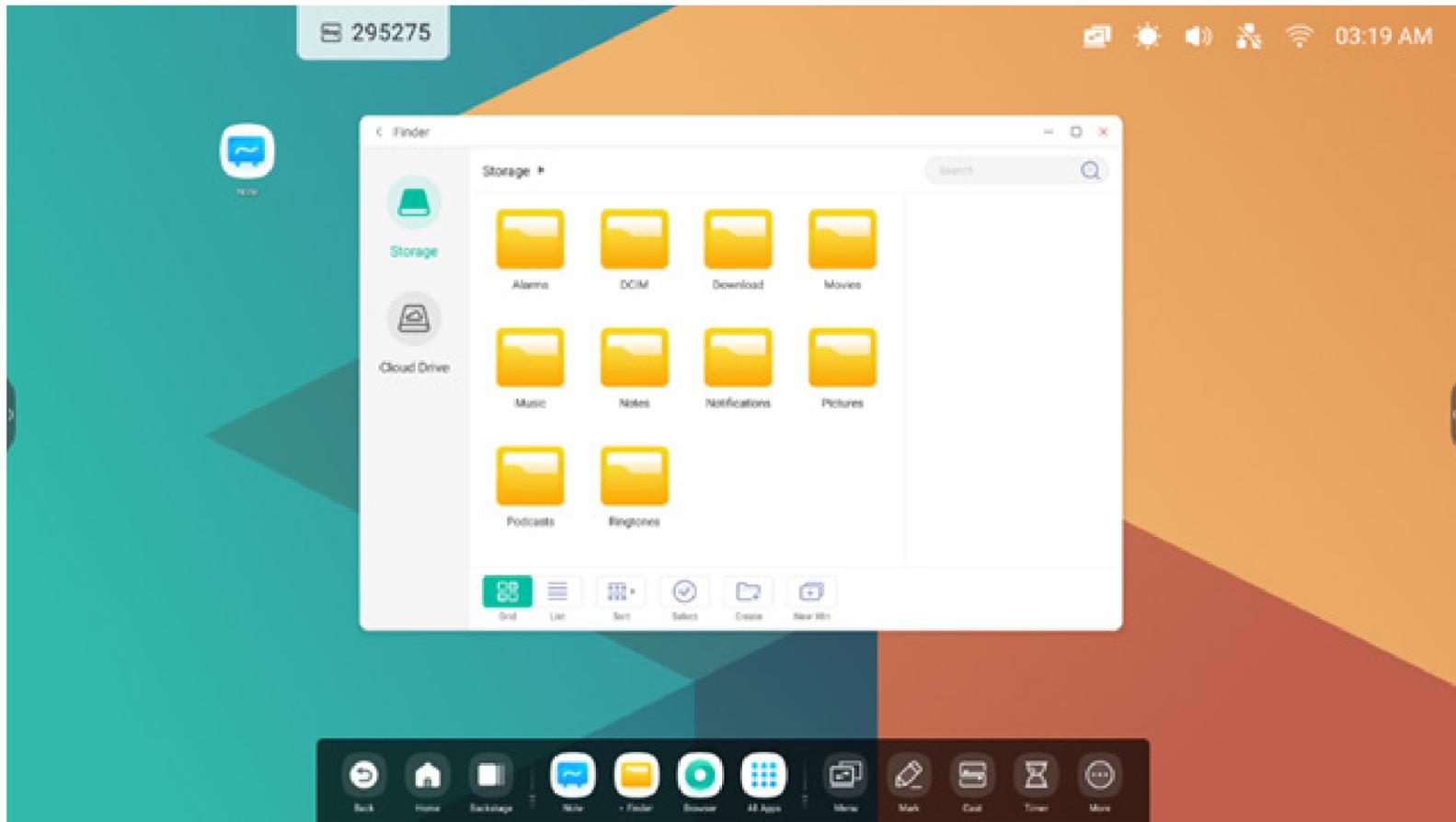


3. Multi-Windows

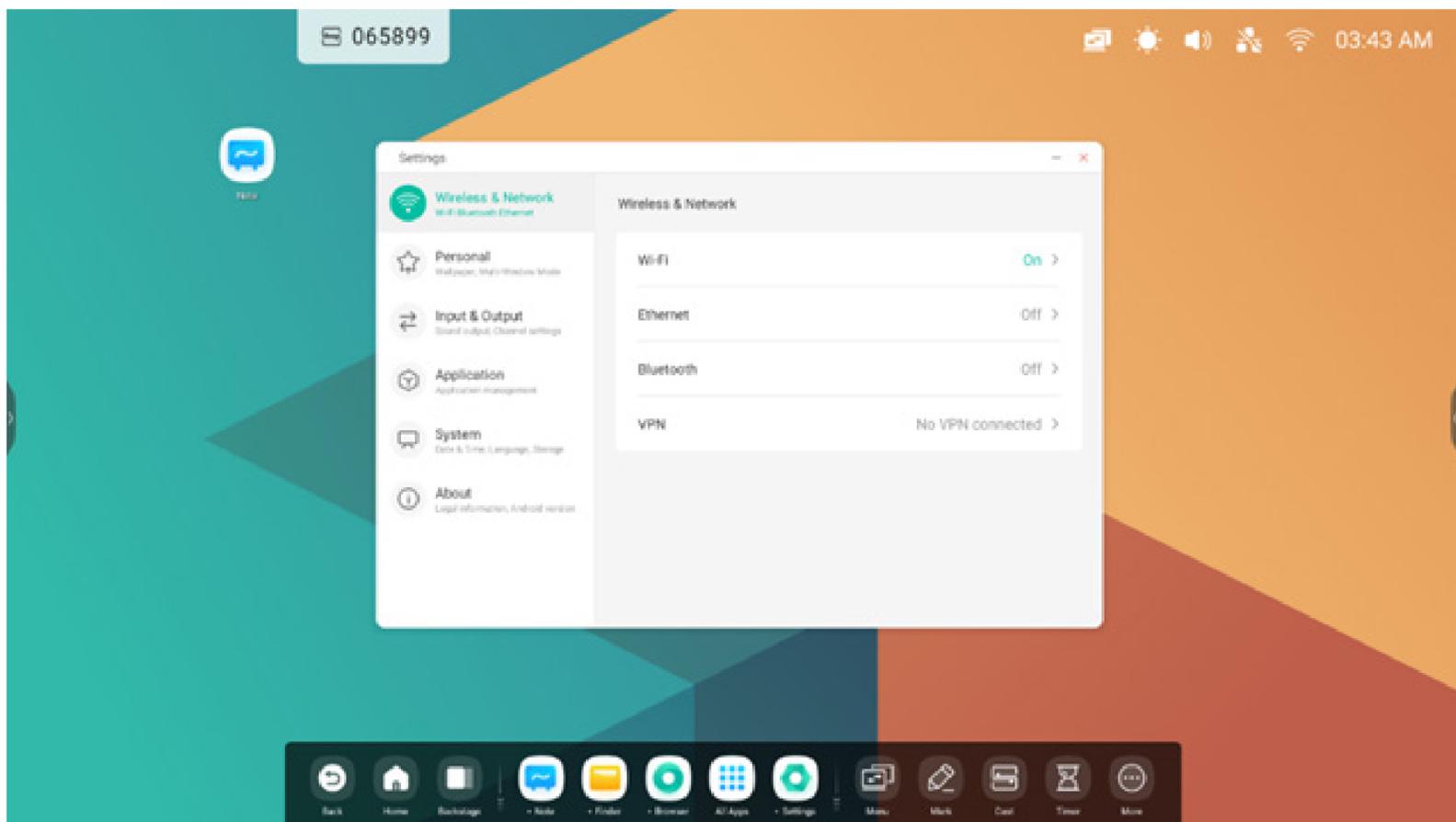
Multi-windows provides robust multitasking capabilities on the IFP allowing use of multiple applications on the screen at the same time. Easily drag the display size and position of each application window to preference. For example, a presentation or lesson, along with notes and a web browser. In addition, users can also drag and drop content across applications to exchange information between the different applications conveniently and efficiently

1. Enlarge applications to make them easier to read:

Example 1: Finder for Windows mode

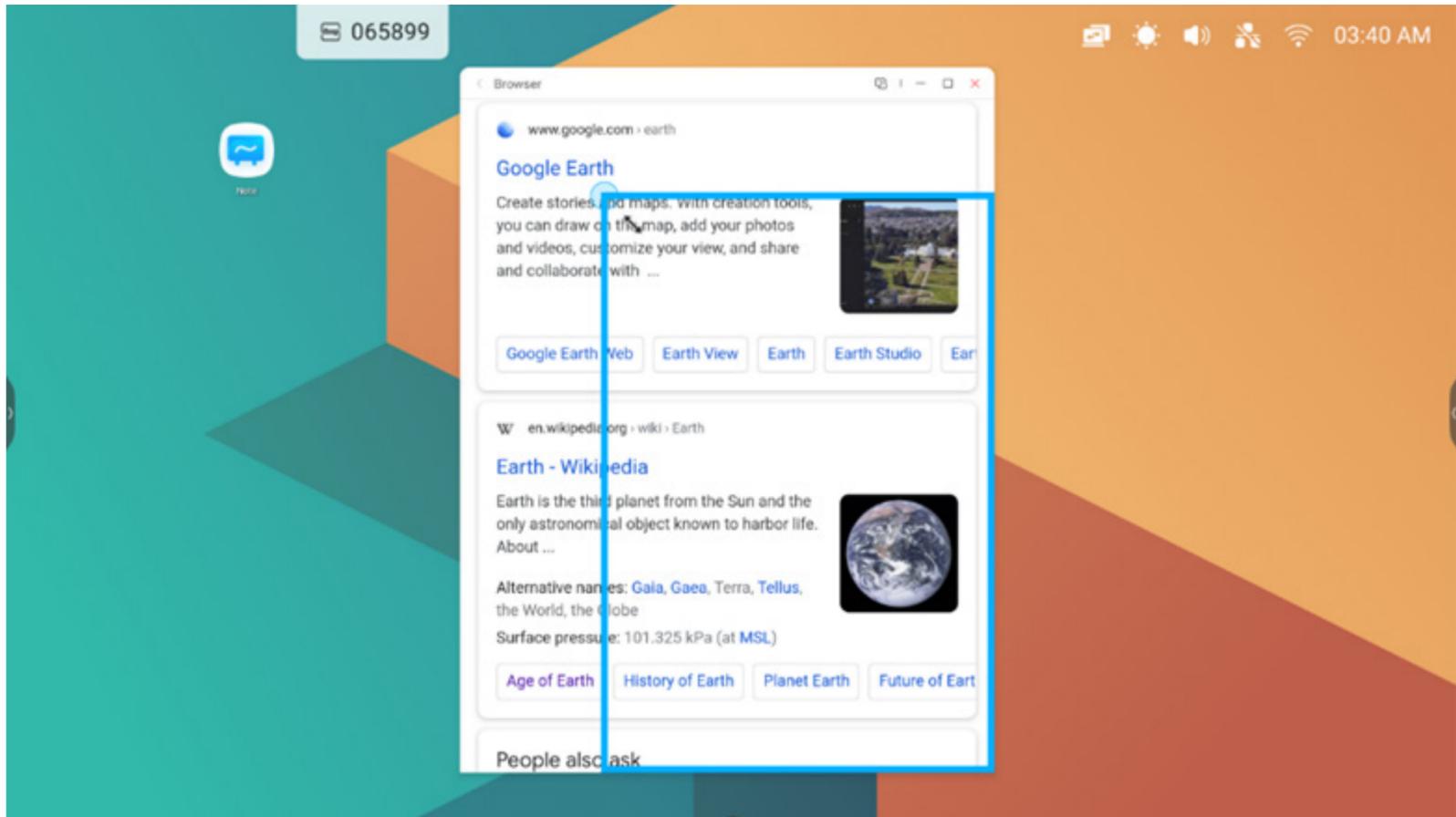


Example 2: Settings for Windows mode:

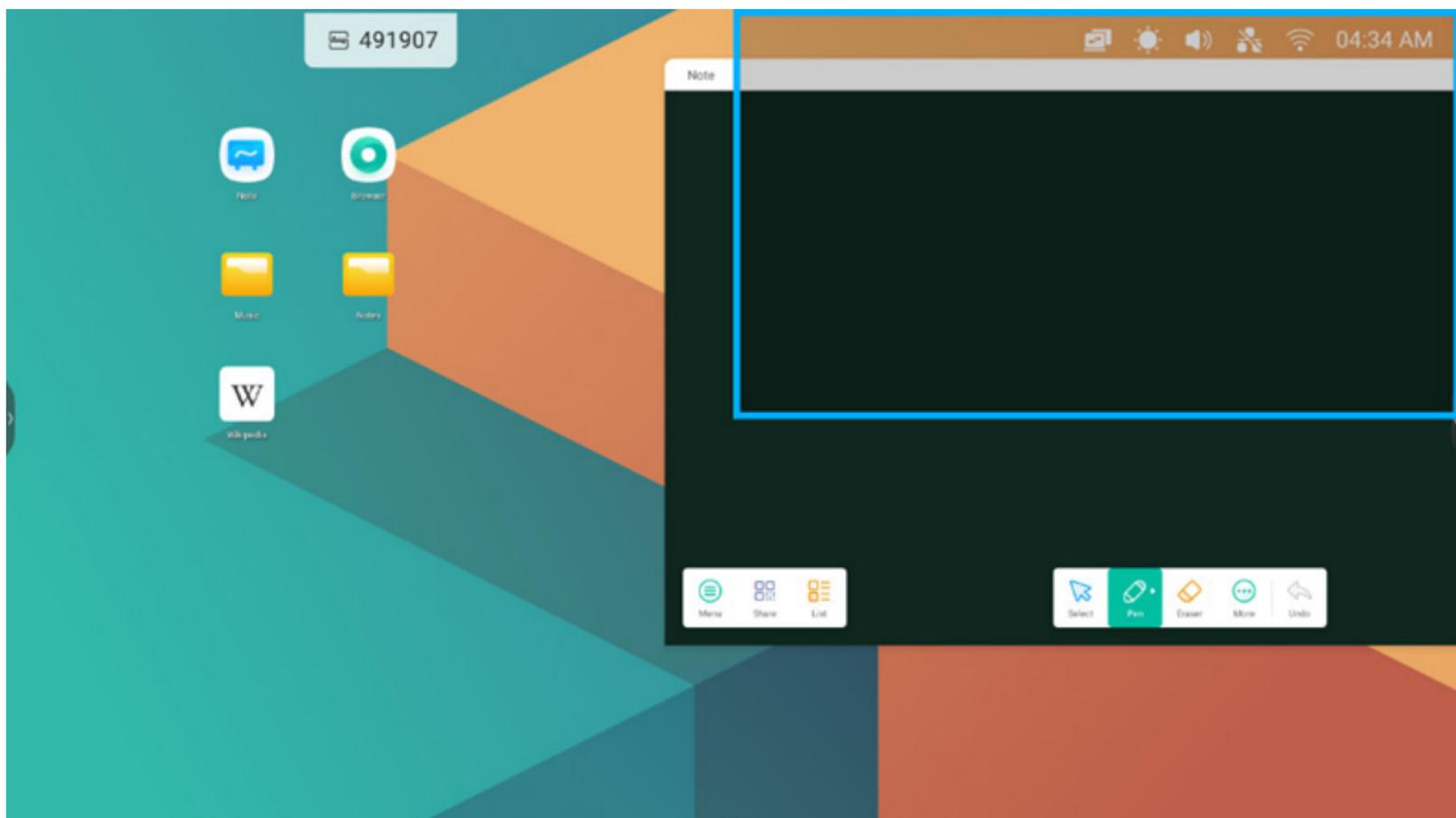


2. Easily control the Windows display size and position:

Example 1: Drag the edge to change the size of the window:

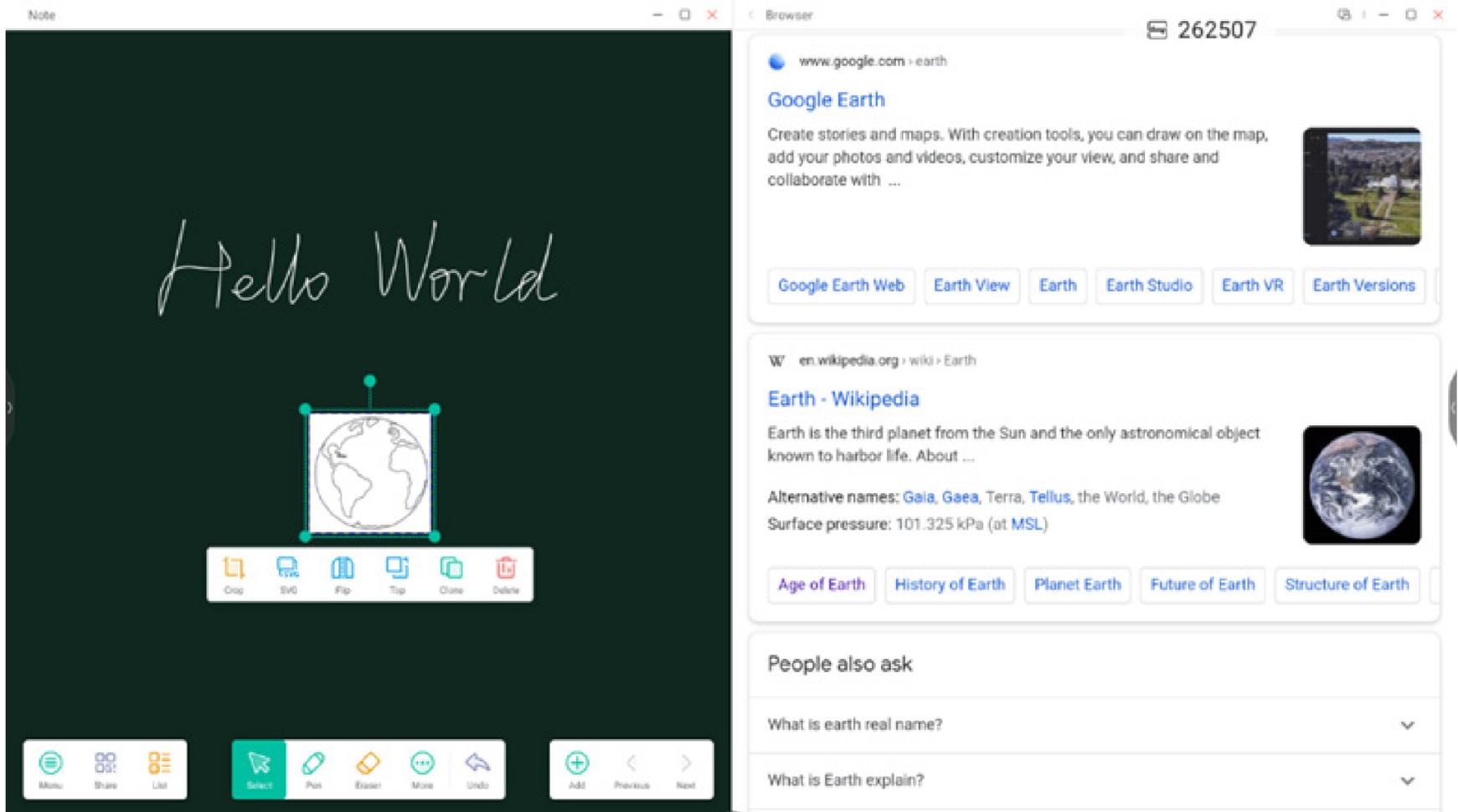


Example 2: Drag the top bar of the Windows to the edge of the screen to quickly enter 1/4 size:

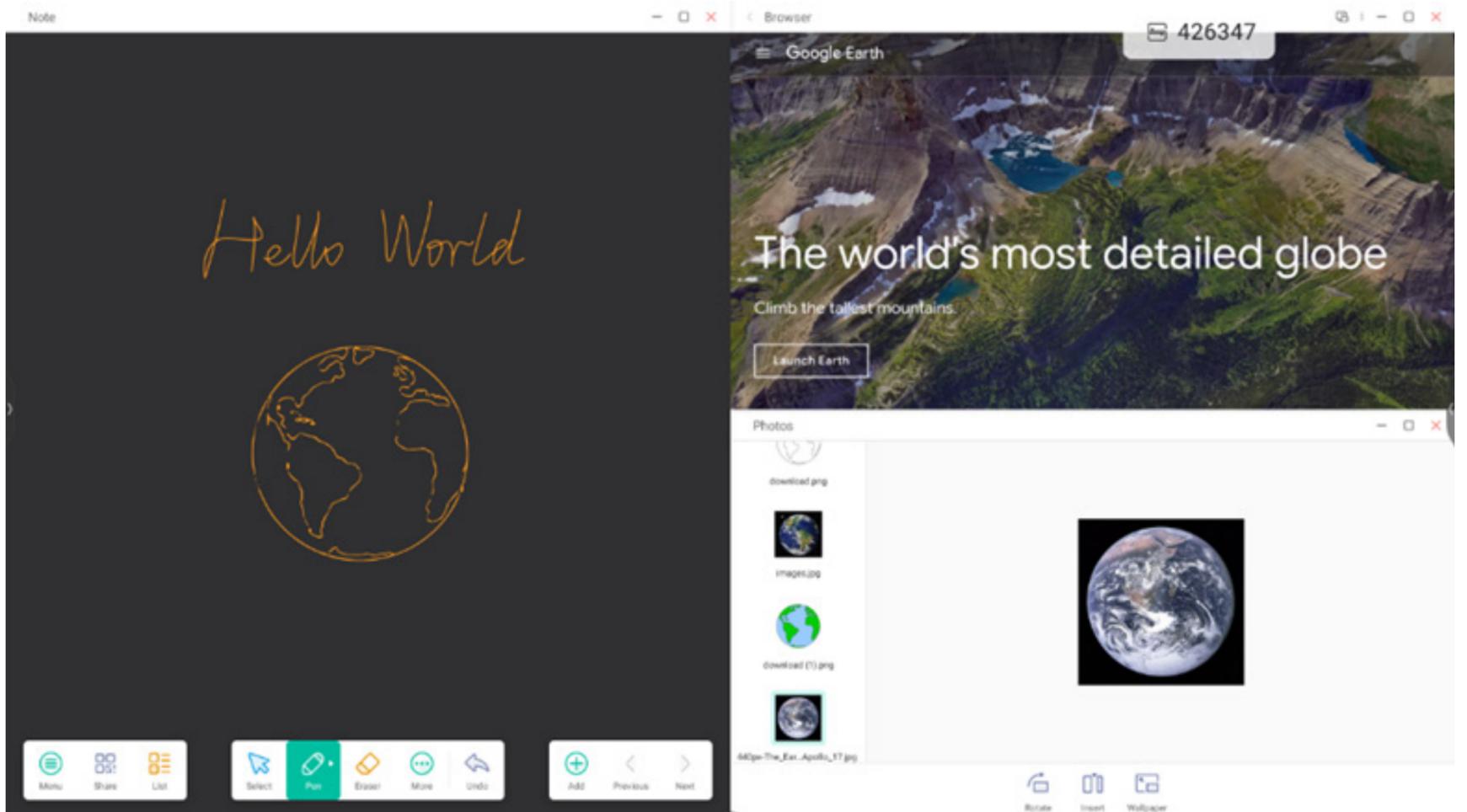


3. Show more apps and tools on the screen:

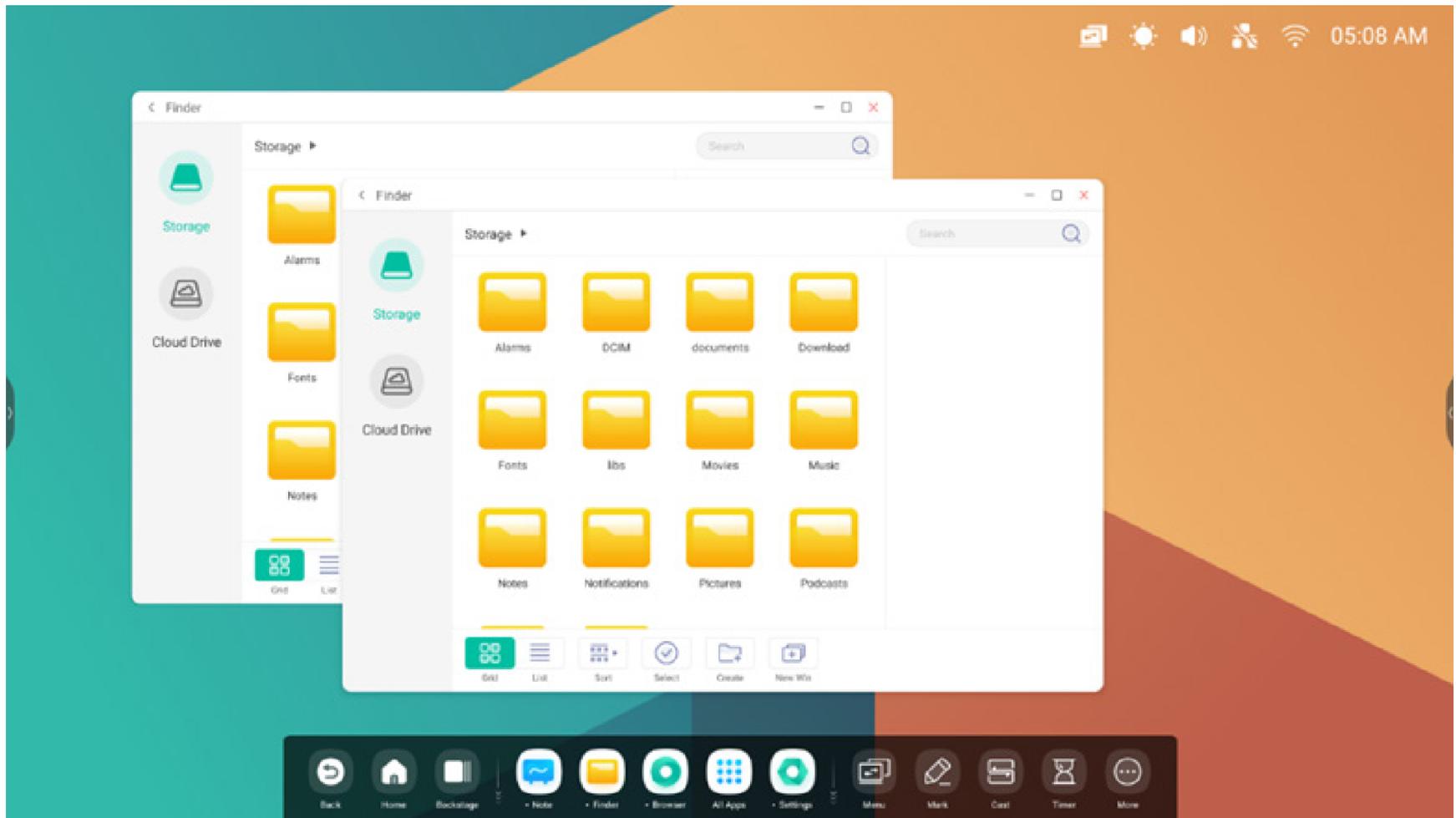
Example 1: Efficiently display content while recording on Note:



Example 2: Three apps displayed on the screen at the same time:

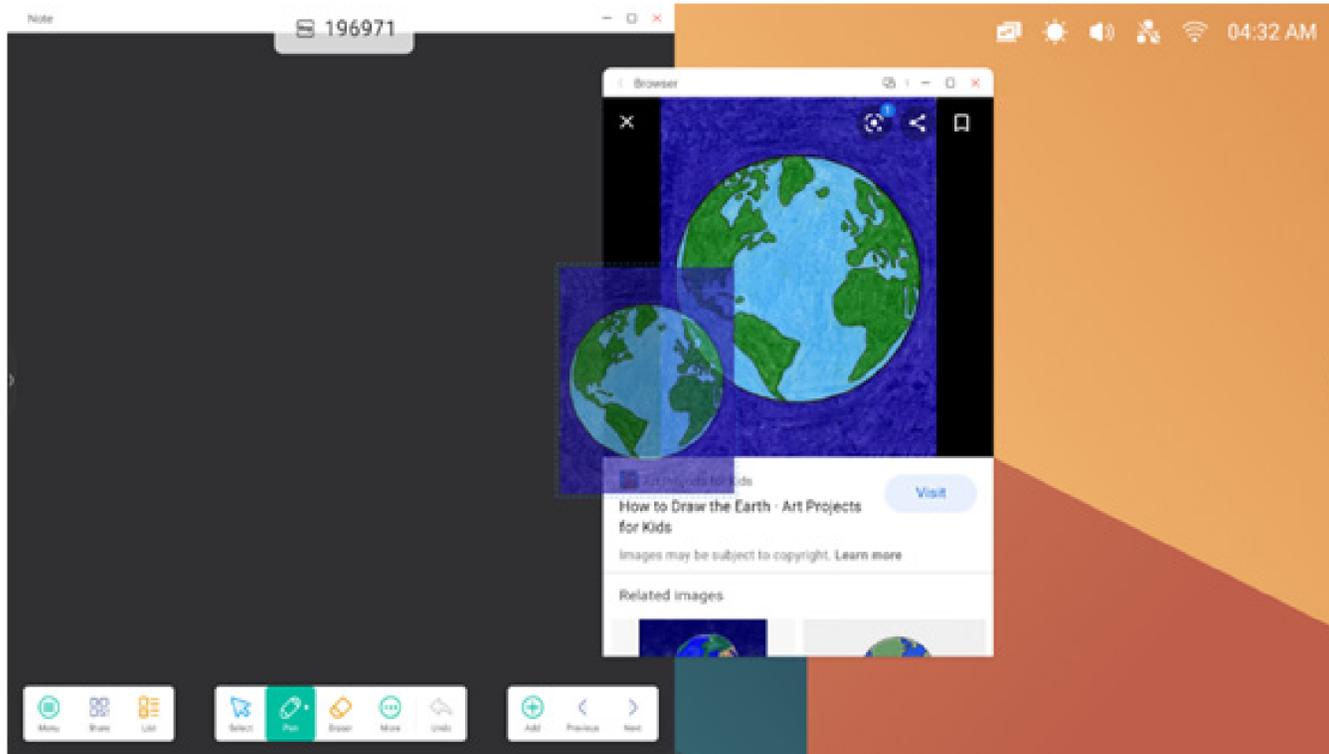


Tips: Finder and browser apps can create new windows at the same time:

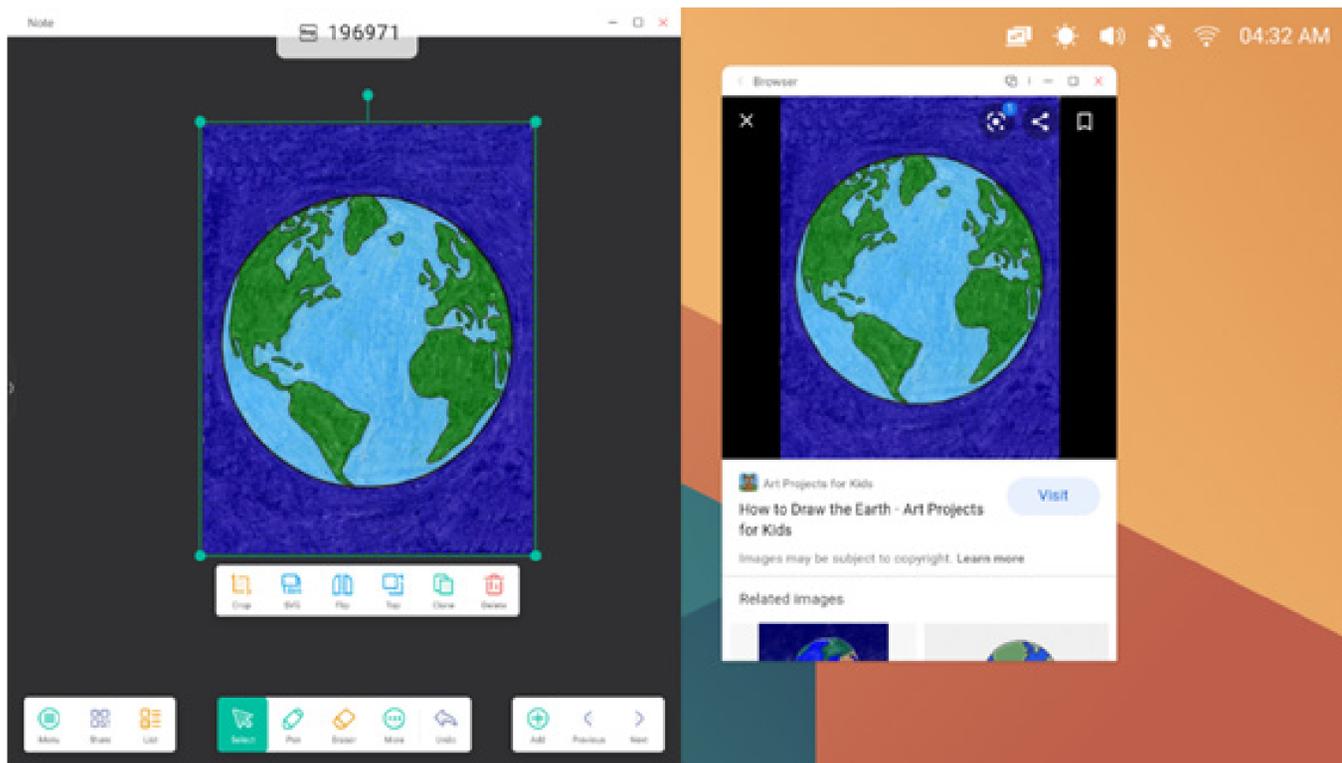


4. Drag content across apps:

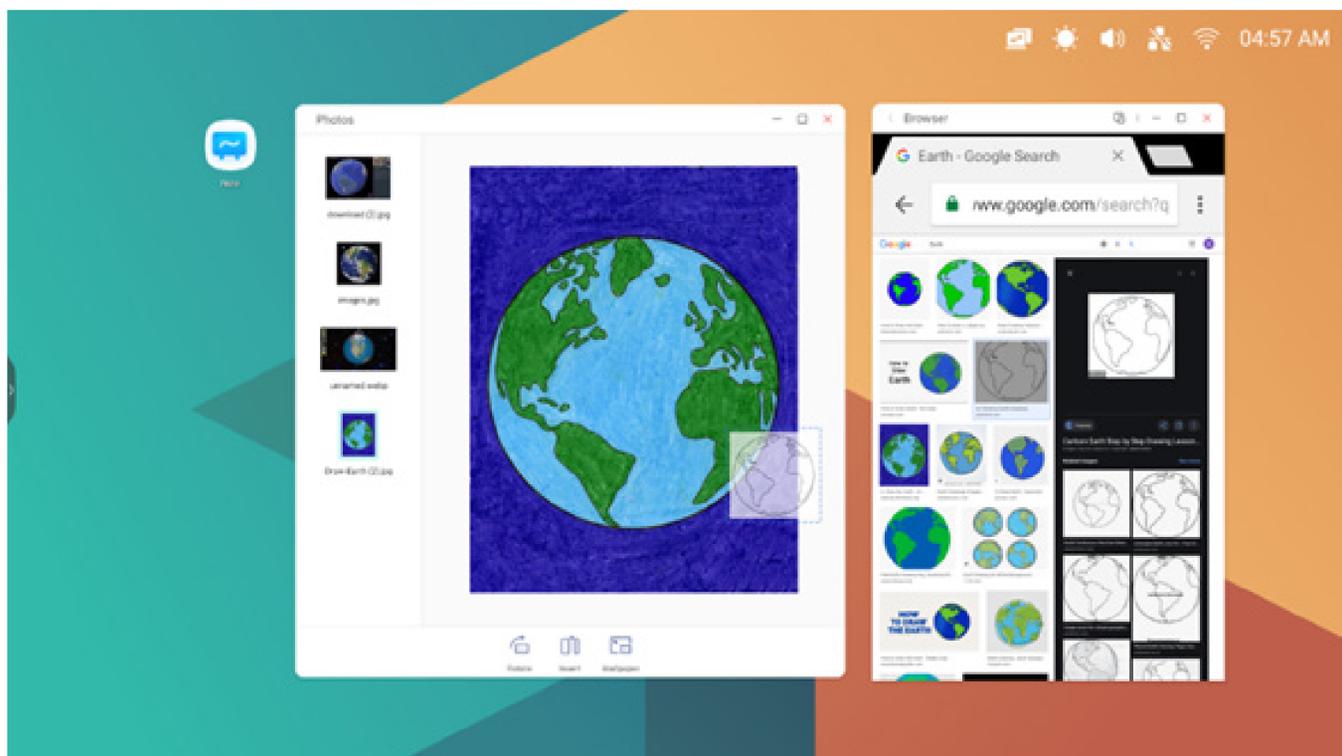
Step 1: Long press the image in the browser to pop up and wait to download:



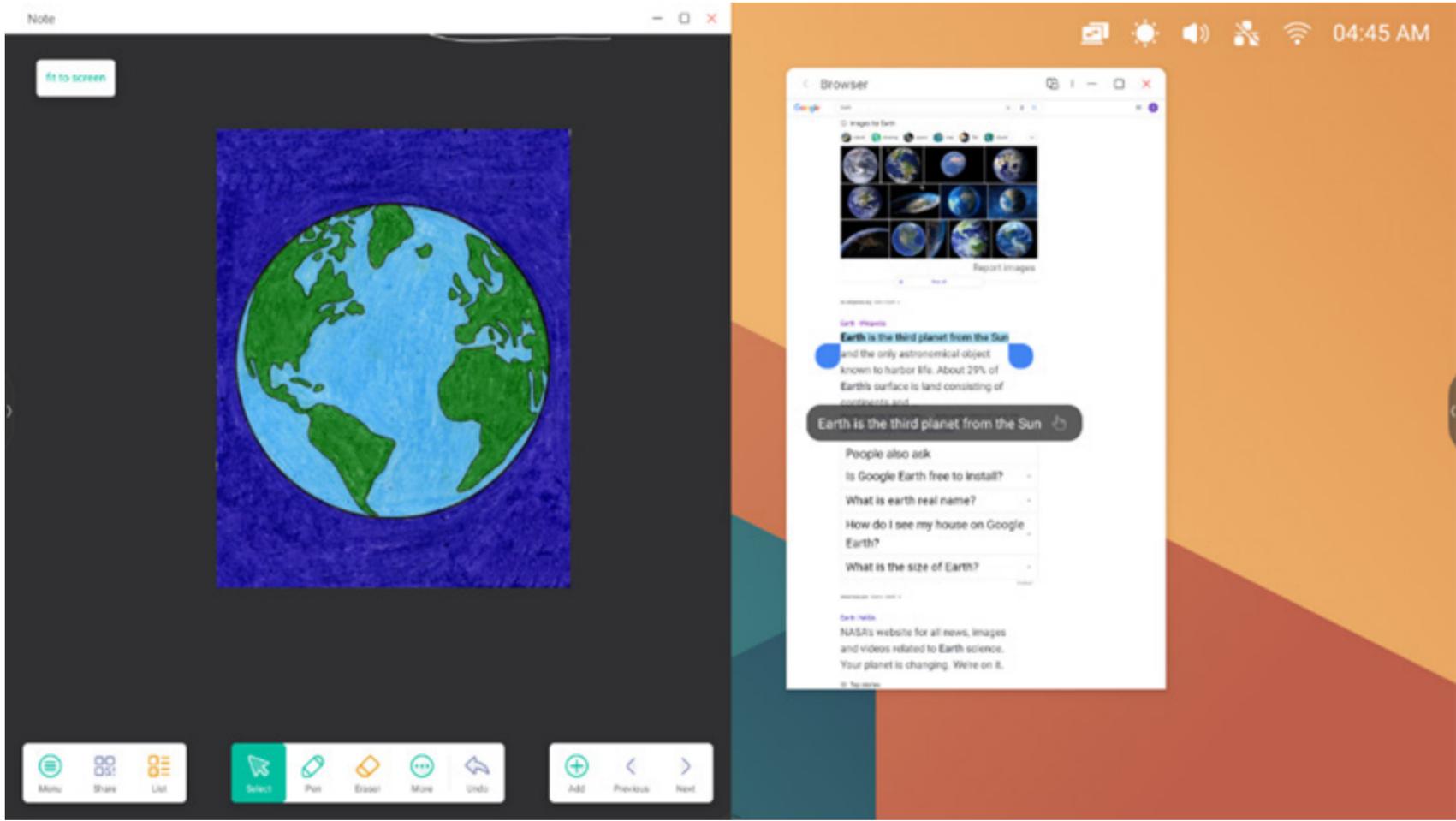
Step 2: Drag it to the Note application:



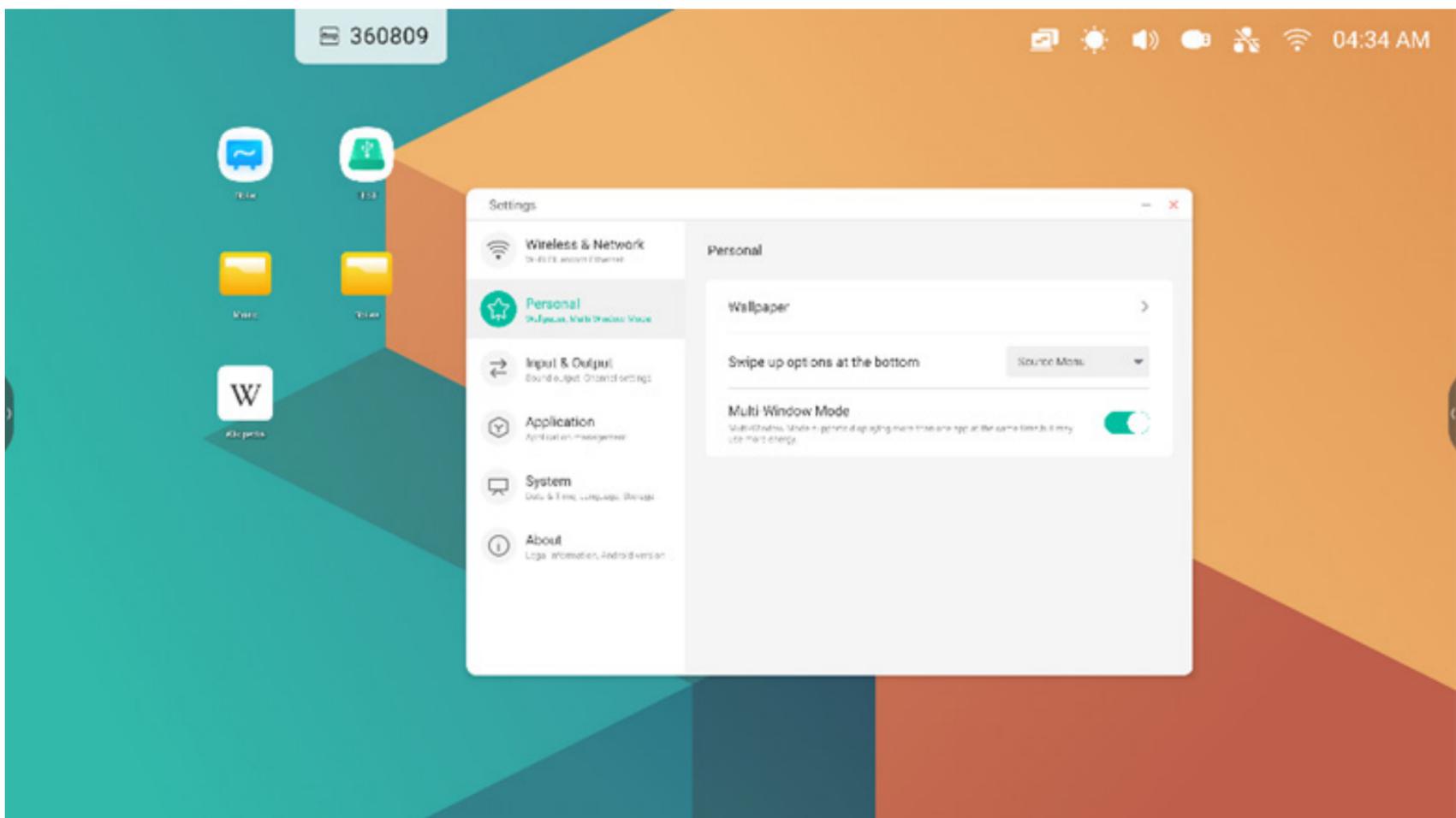
Tips: Support Image drag and drop to Note, Finder, Photos:



Tips: Drag and drop text to Note, Finder:



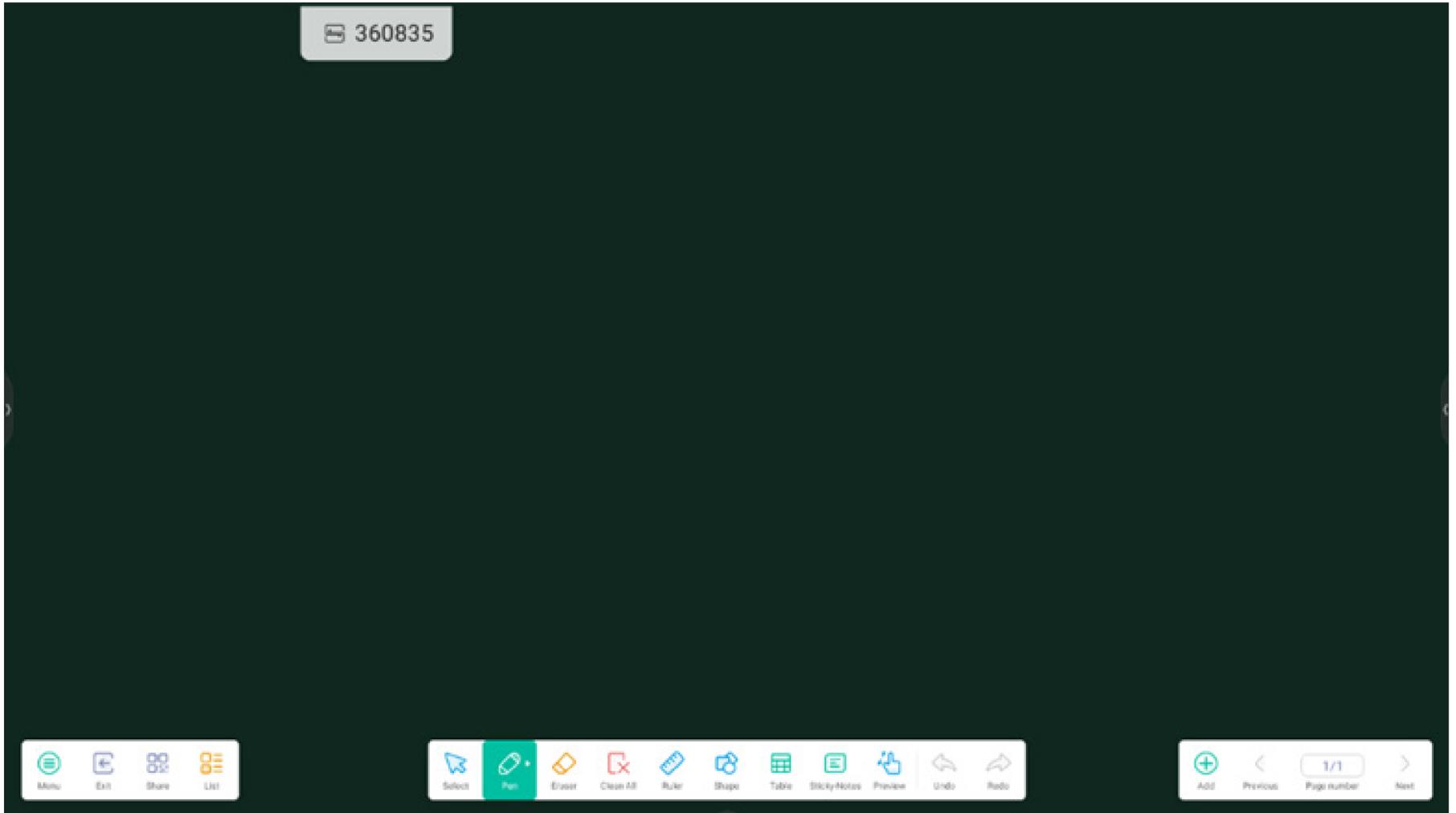
5. Multi-Window mode:



4. All Apps

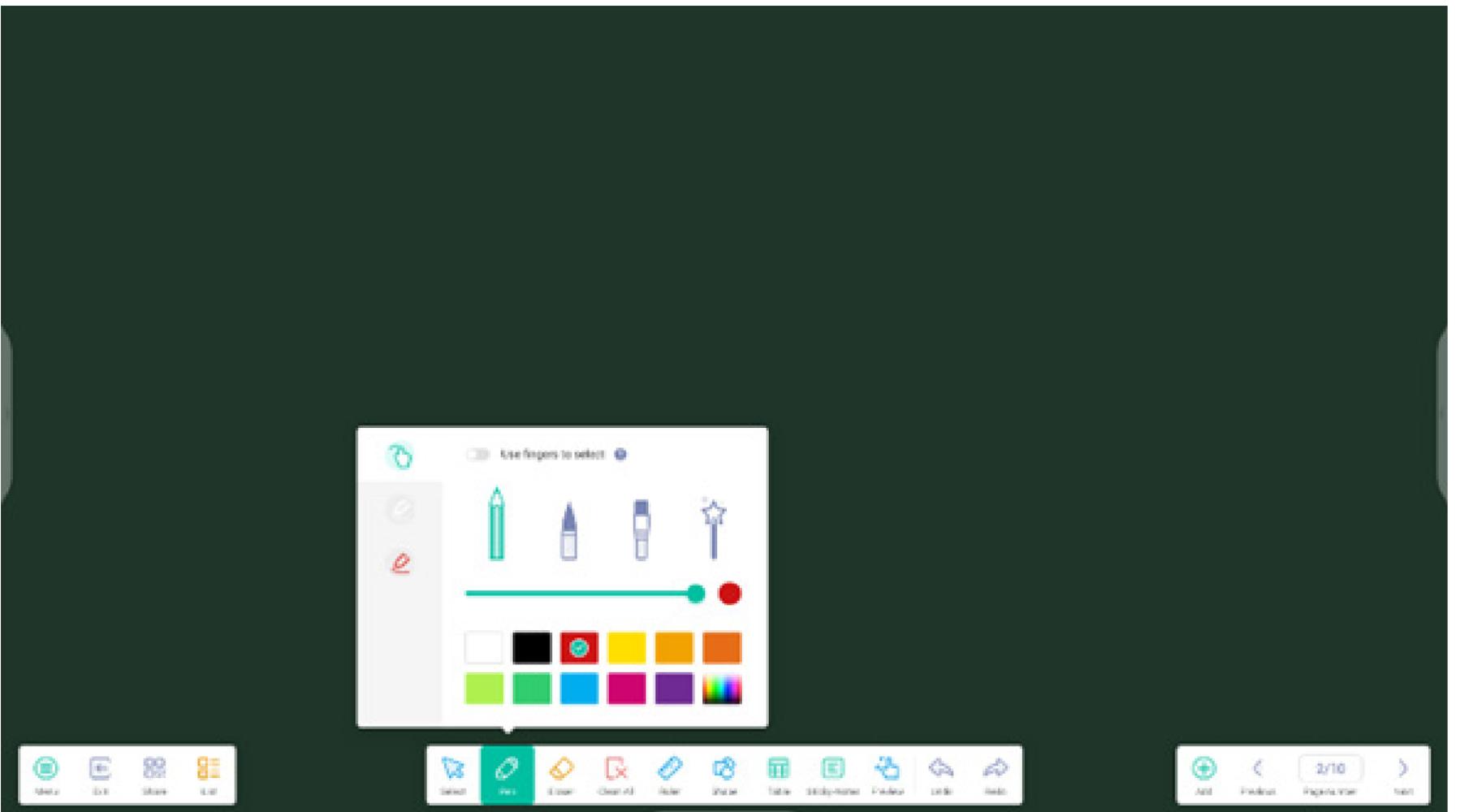
The IFP has customized applications for leading classroom or presentation discussion including: Note, Palette, Visualizer, Finder, Browser, Settings, Cloud Drive, WPS Office, Photo, Music, Video, Keeper by default.

4.1 Note



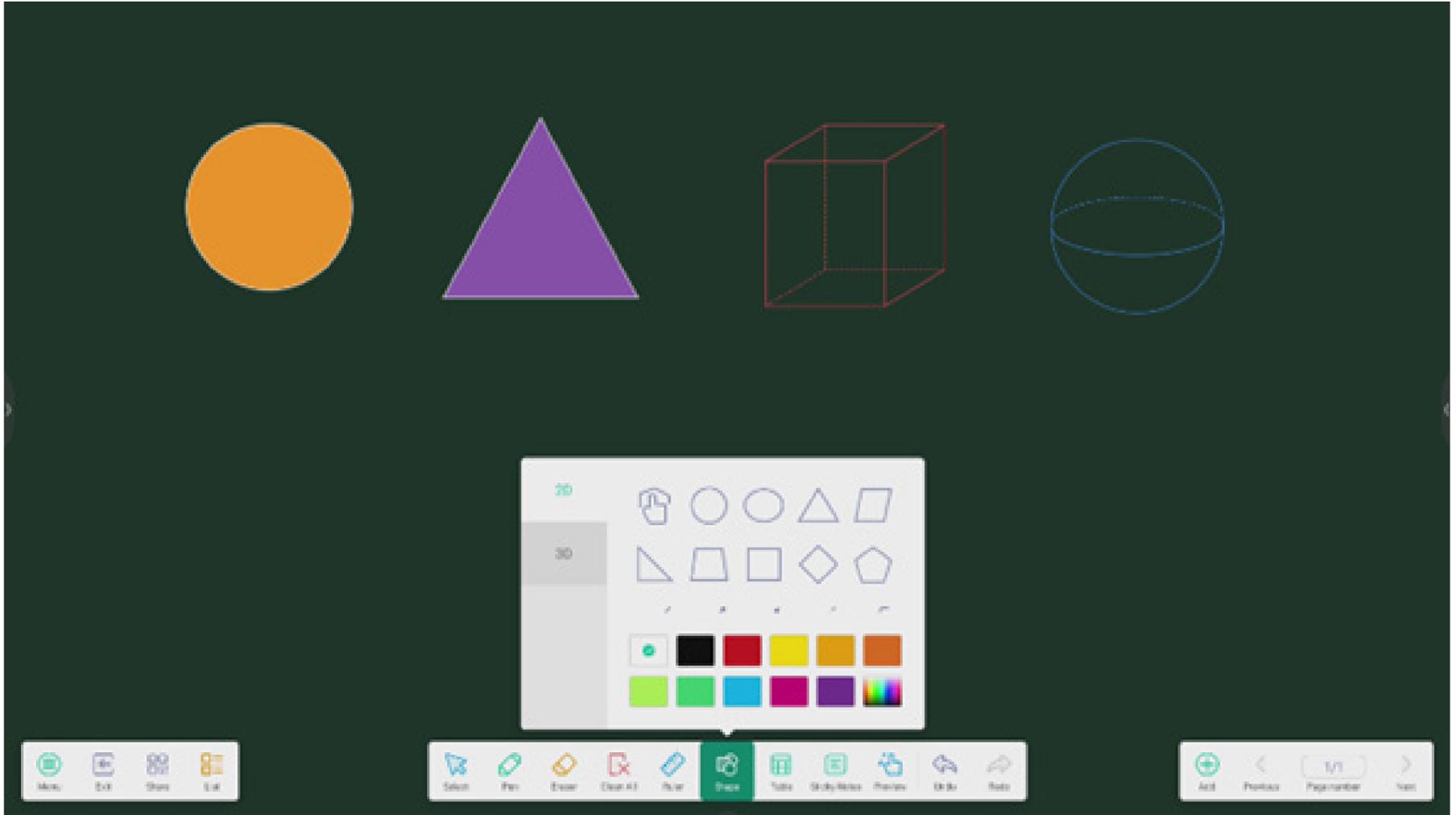
4.1.1 Pen:

Note supports dual pen writing and a variety of colors and pen styles, allowing users to write with different colors or pen styles at the same time



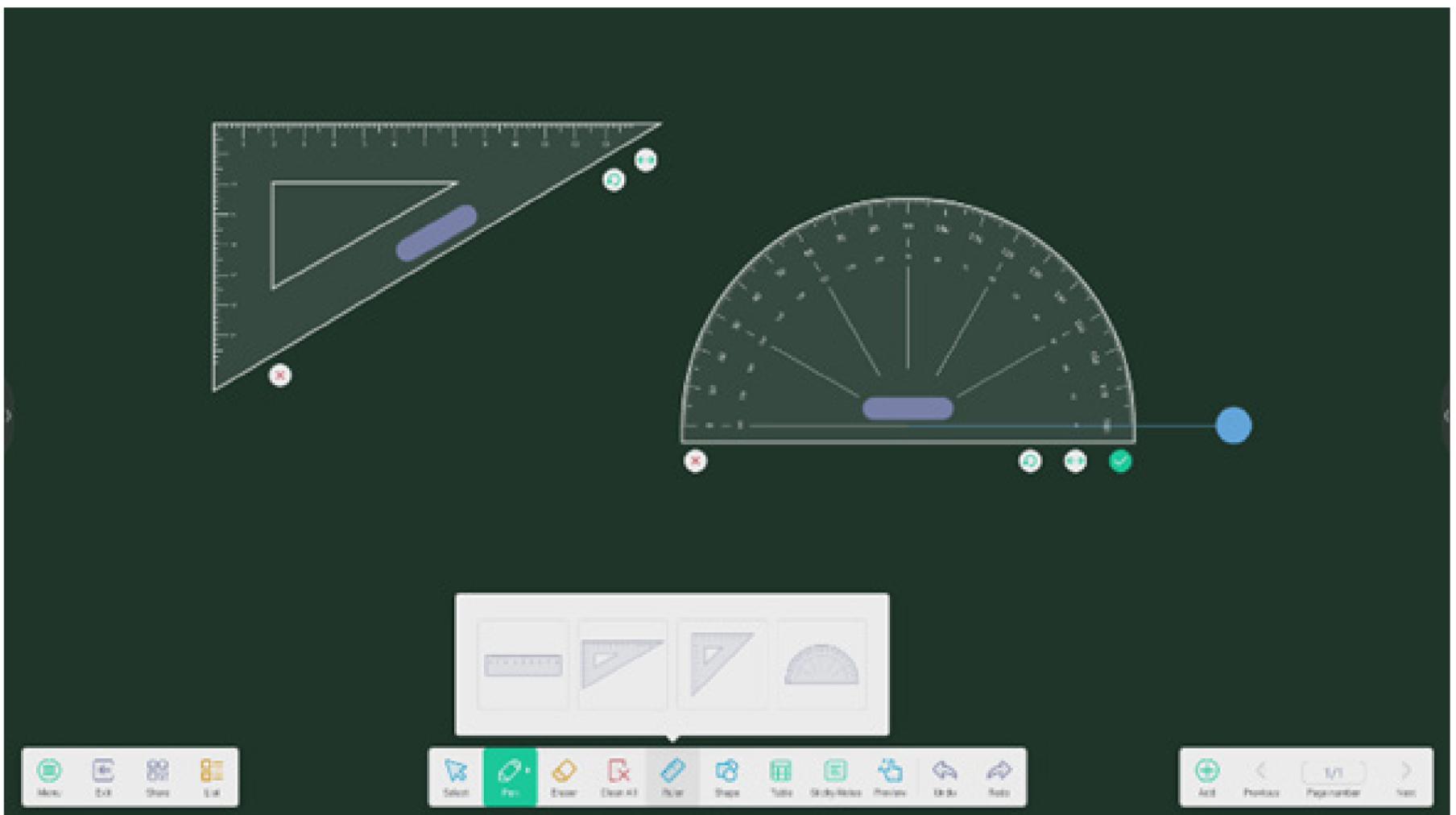
4.1.2 Shape:

Note has a wealth of built-in shapes, including two-dimensional plane shapes and three-dimensional geometric shapes.



4.1.3 Ruler:

Note's ruler tool eliminates the need for physical ruler tools, and can also assist in teaching in Note.

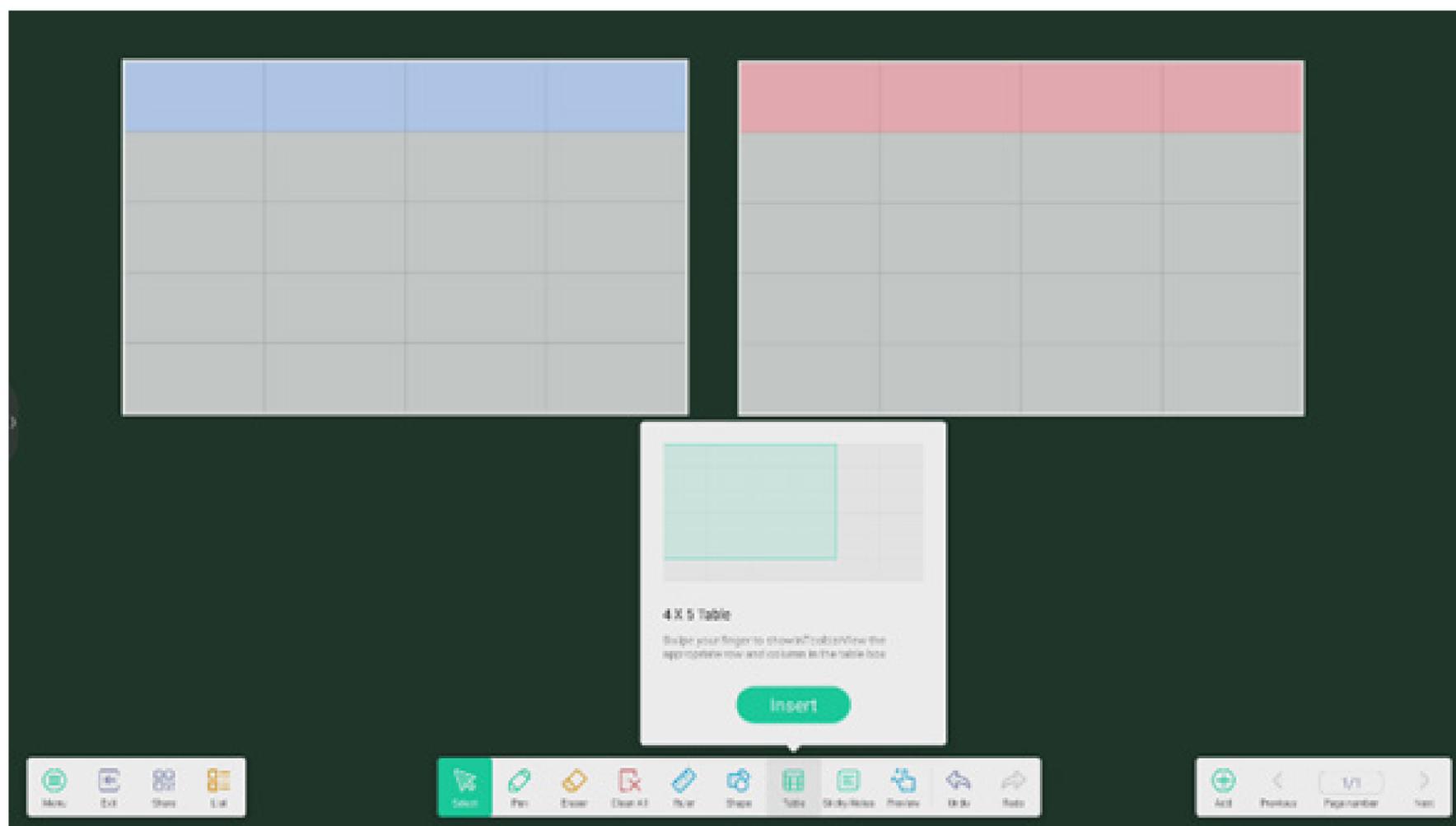


4.1.4 Sticky notes:

The sticky notes tool in Note allows you to pin important information to the canvas for users to view, and can also be used as a brainstorming tool.

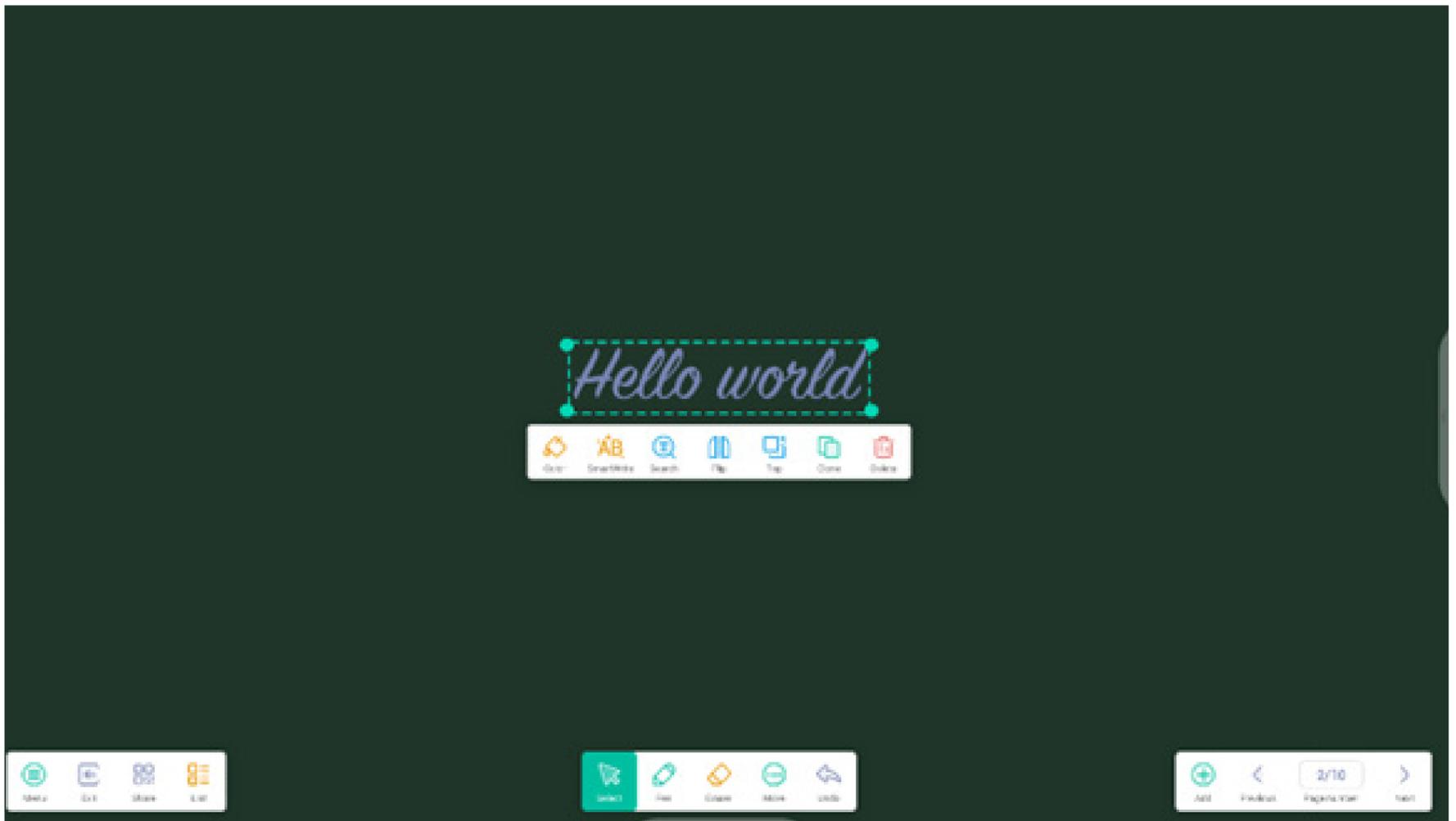


4.1.5 Table: Note supports creating multiple tables and display them simultaneously.



4.1.6 Pen extension:

after selecting handwriting, the handwriting can be intelligently recognized as a font, and the handwriting can be searched and mirrored.

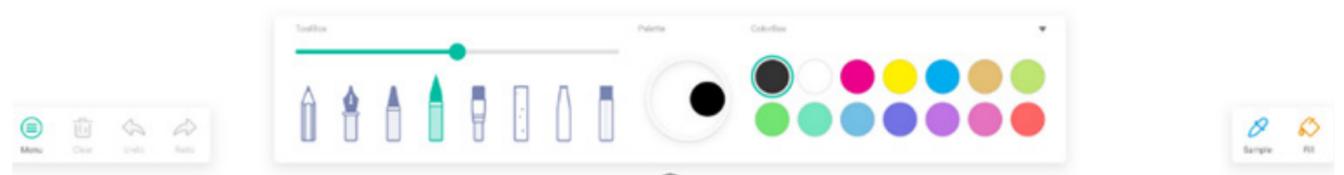


4.1.7 Image expansion:

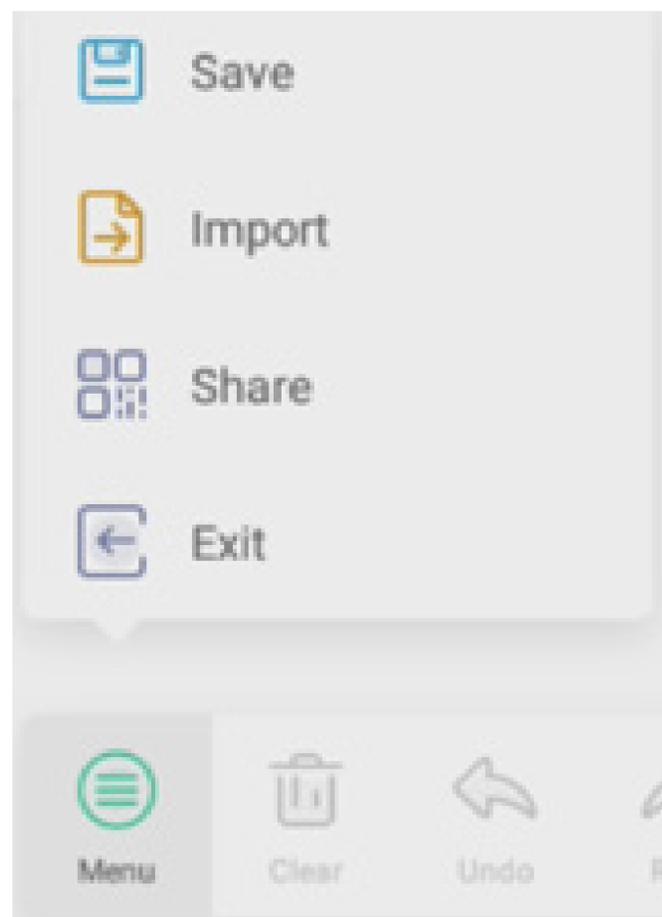
after selecting an image, it can be transformed into a vector image, and mirrored.



4.2 Palette



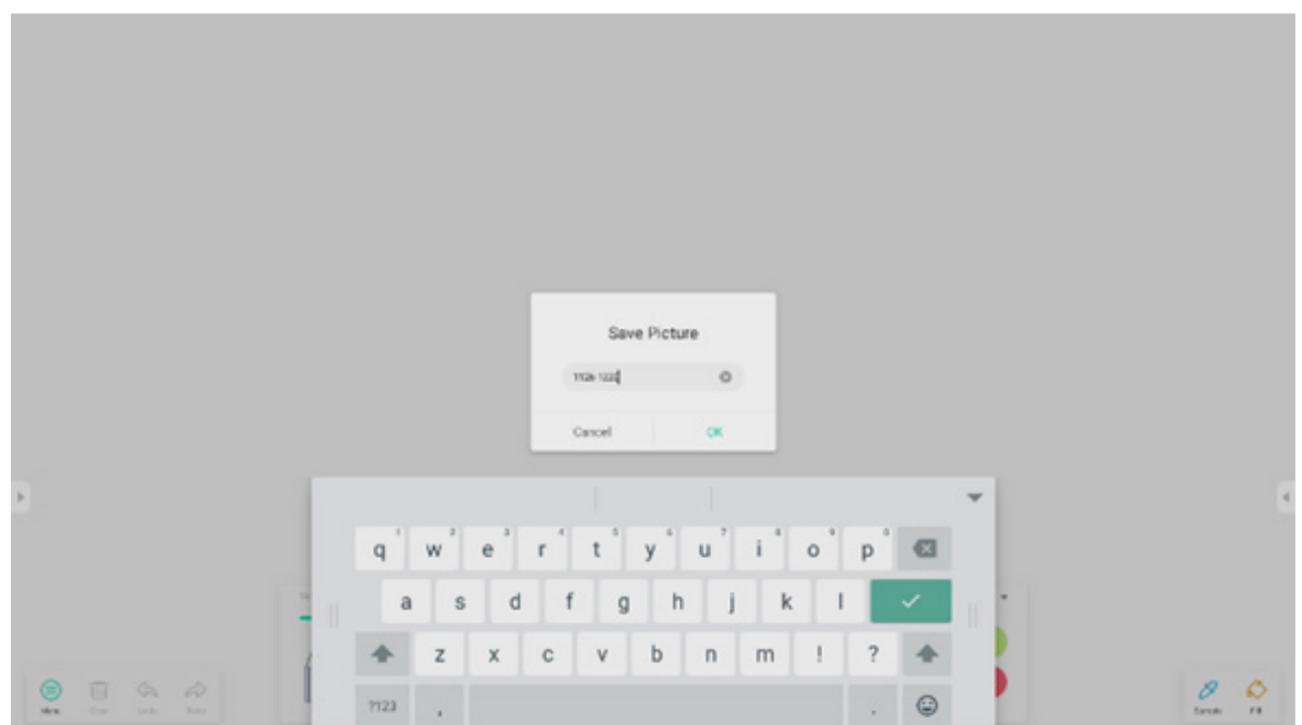
4.2.1 Menu



4.2.1.1 Menu-Save

 Save select the path you want to save to and customize the file name:

'OK' to save your pallet into local memory.



4.2.1.2 Menu-Import

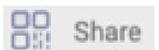


Import

on the menu window to select a picture import into the Palette App. This picture will be used as a background for the current page:



4.2.1.3 Menu-Share



Share

on the menu window to generate a QR Code, which allows you to easily share your pallet to others.



4.2.1.4 Menu-Exit



Exit

will exit the Palette App. Be careful, current works will lose if you did not save.

4.2.2 Clear



Clear

clear all content on current page.

4.2.3 Undo



Undo

back to last action.

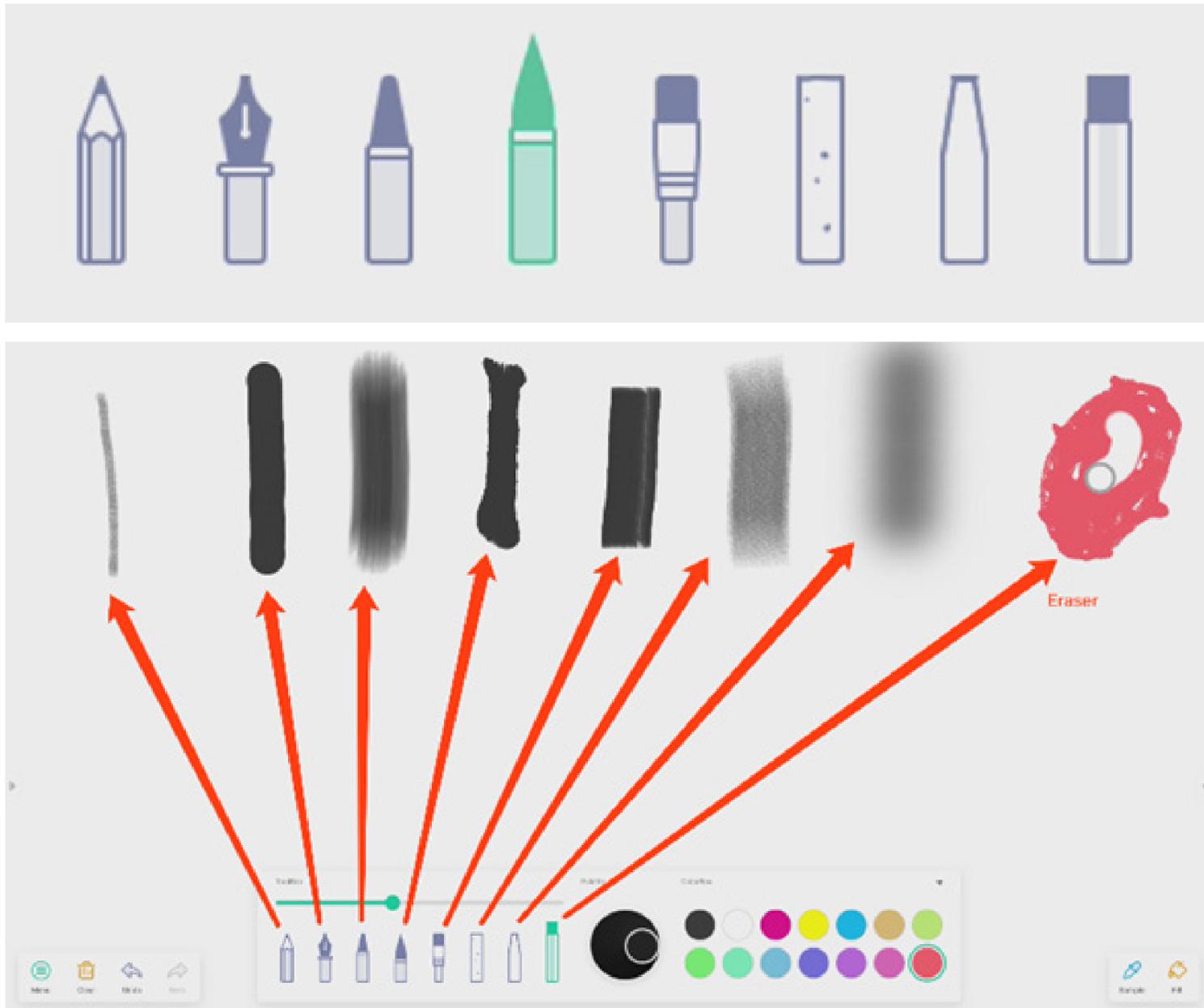
4.2.4 Redo



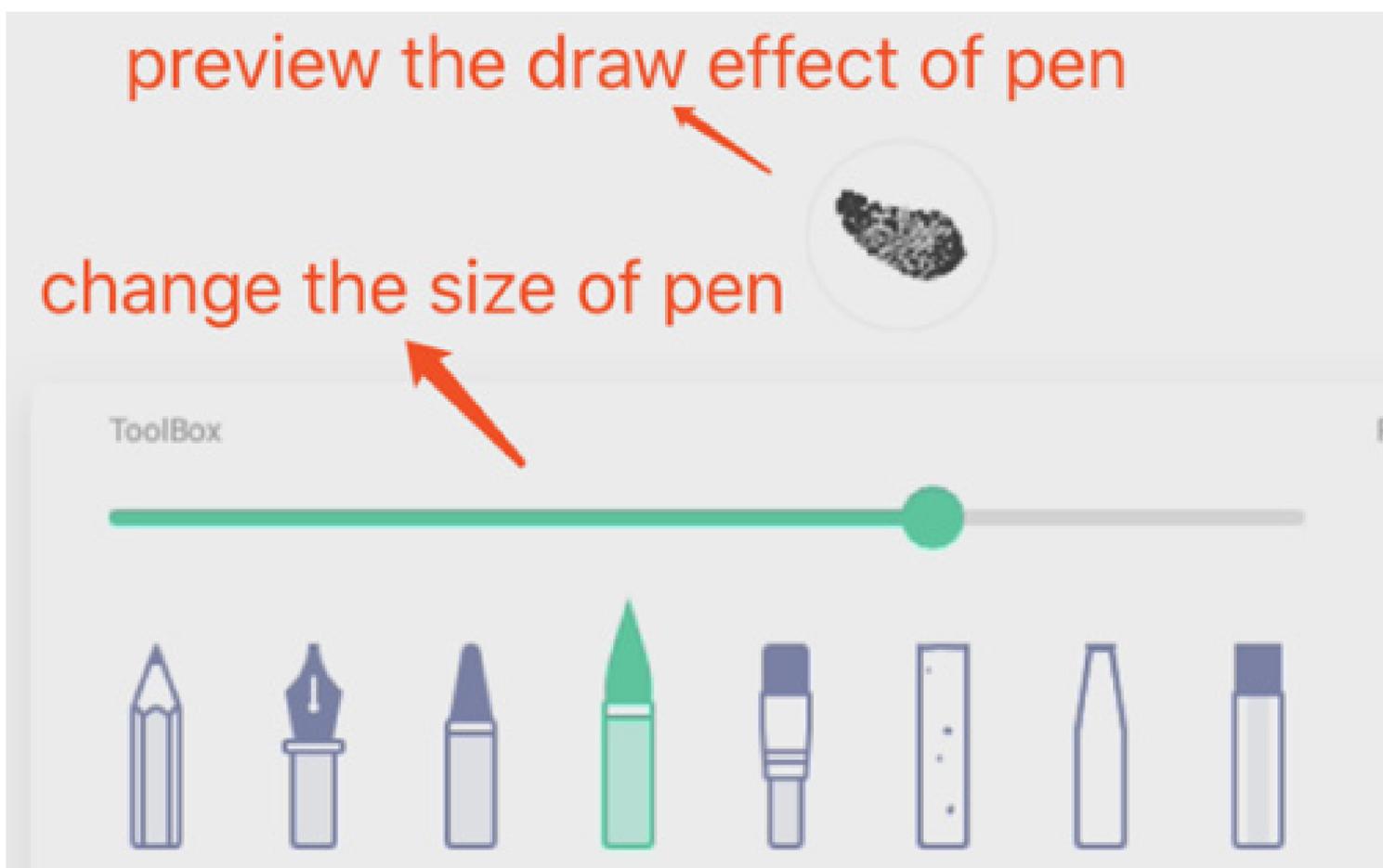
Redo

recover the last action.

4.2.5 Pens



4.2.6 Pen Stroke Slider

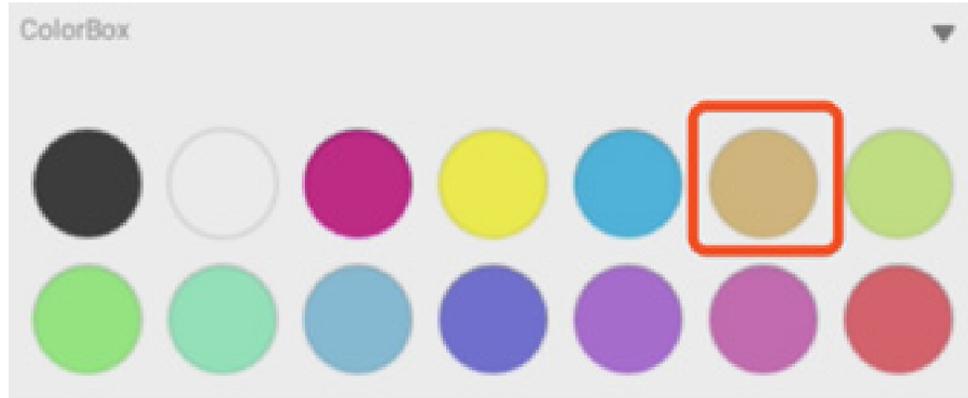


4.2.7 Palette

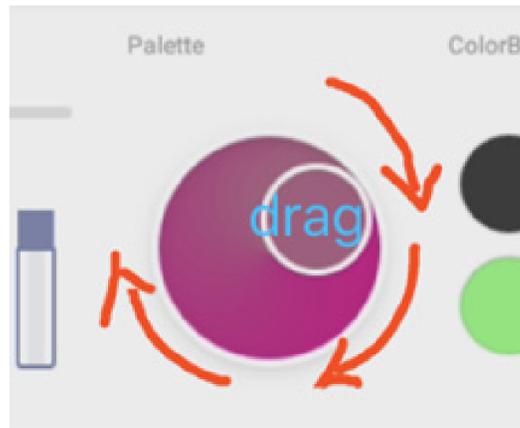


You can use palette to customize a color which is not in the Color Box.

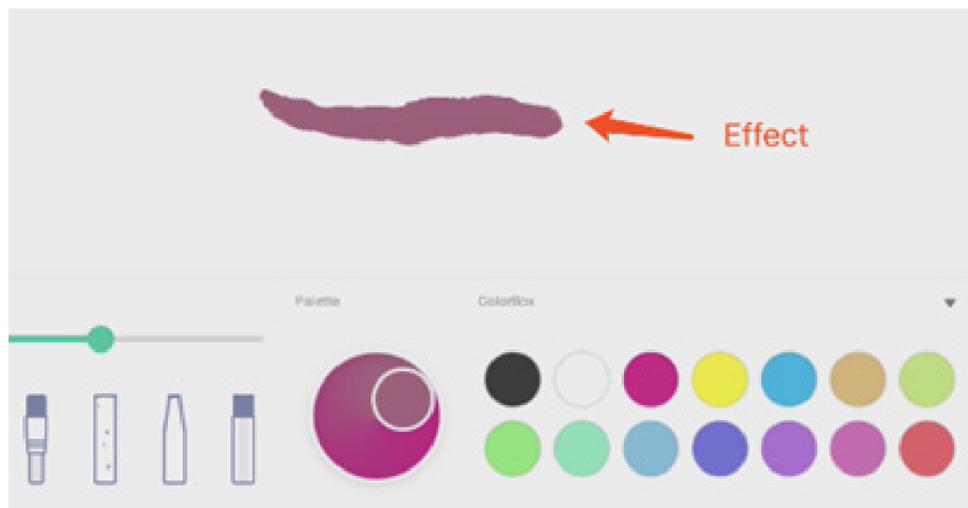
Step 1: Select a color on the Color Box.



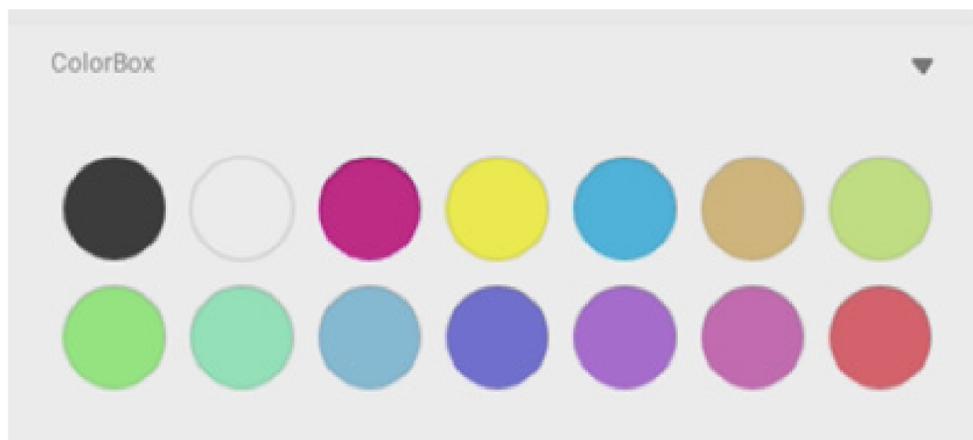
Step 2: Drag the roller on the palette clockwise



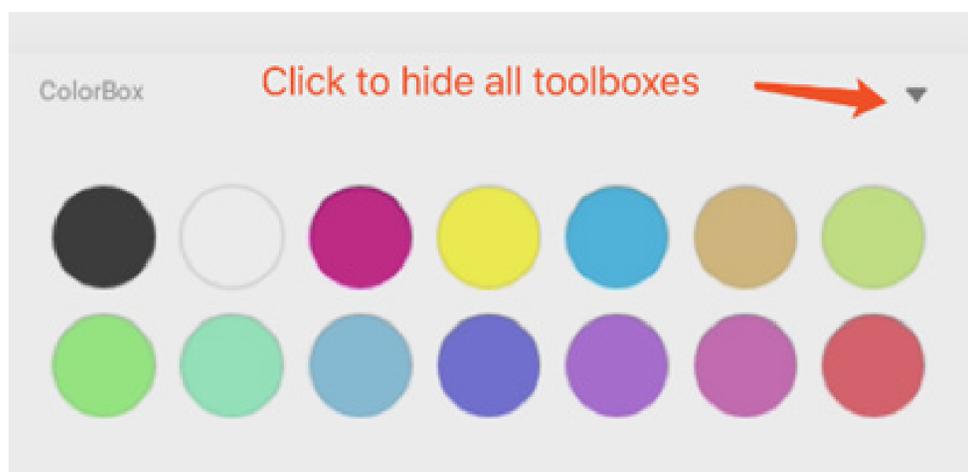
Repeat steps 1 and step 2 to get your desired color



4.2.8 Color Picker



4.2.9 Hide or show Toolbox



4.2.10 Sample



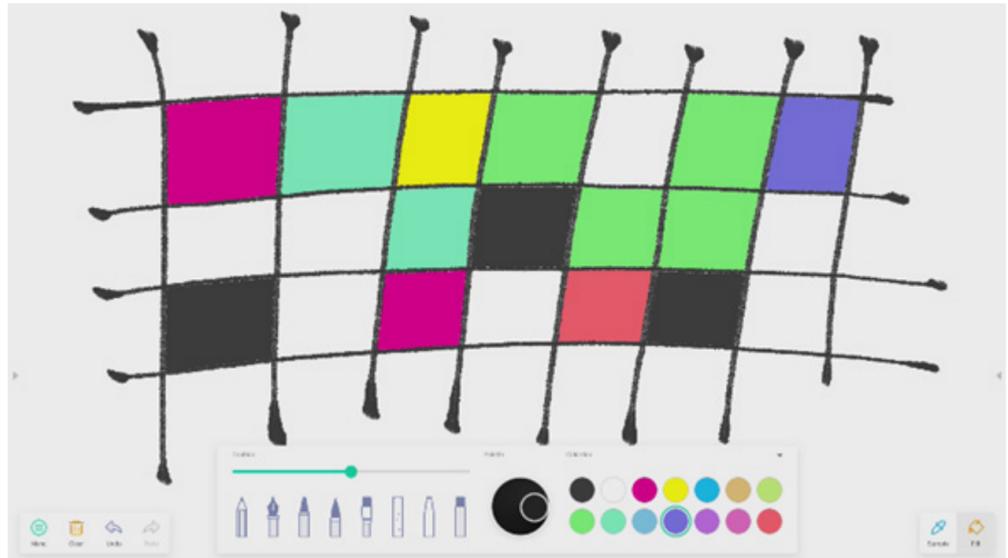
Sample select a Color on the workplace



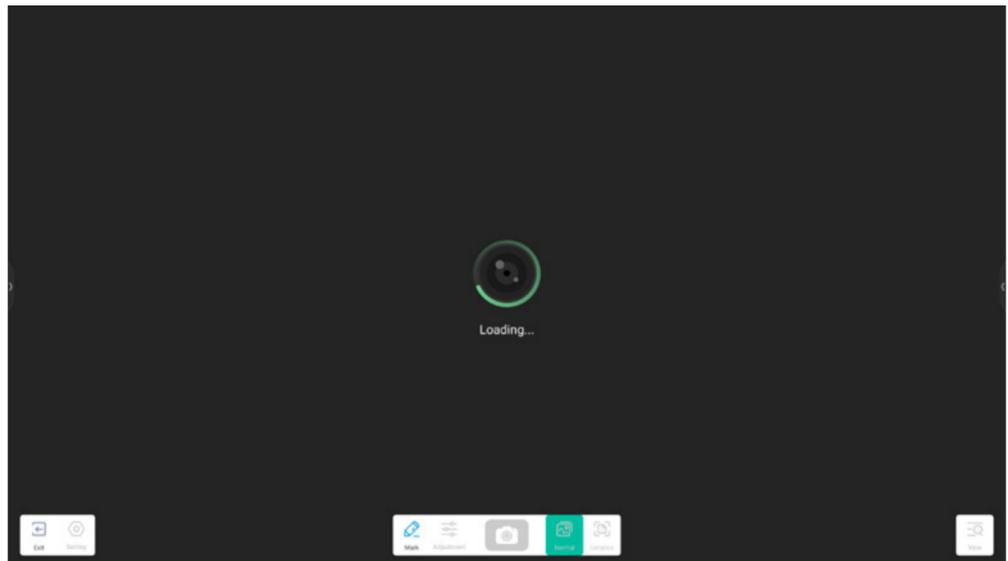
4.2.11 Fill



Fill change the pen to fill mode and you can select a color on the ColorBox, then a region.



4.3 Visualizer



4.3.1 Setting



4.3.1.1 Camera

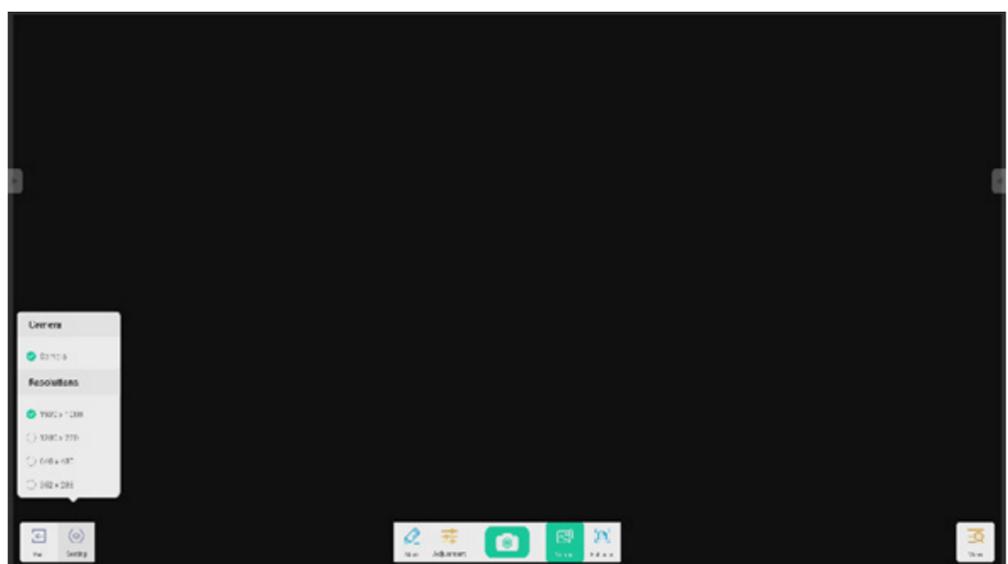
Choose Camera device you want to preview

4.3.1.2 Resolutions

Choose Preview Resolutions for Camera

4.3.2 Mark Tools

Same as Mark in System Bar.



4.3.3 Photo



to take a picture, then auto switch to Replay mode.

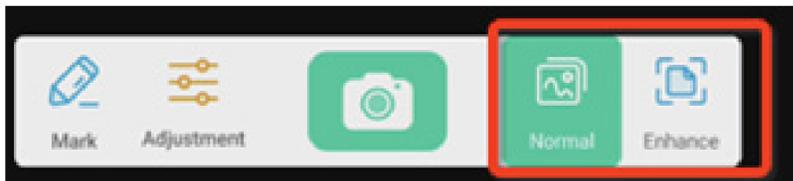


now becomes back state



in Replay mode, then turn to camera preview state.

4.3.4 Preview Mode



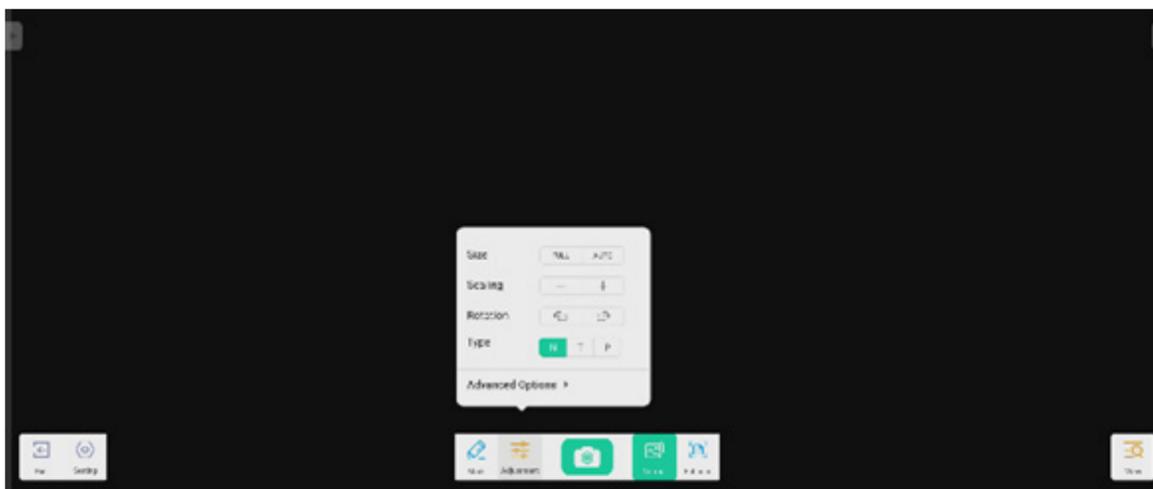
4.3.4.1 Picture mode

'Normal' to switch to Picture Mode for default preview default without any effects.

4.3.4.2 Text mode

'Enhance' to switch to Picture Mode. It's normal preview mode by default without any effect.

4.3.5 Exhibition Setting



4.3.5.1 Size

Full to preview at full screen.

Auto to preview screen with fixed Aspect ratio.

4.3.5.2 Scaling

+ button: zoom in the preview screen.

- button: zoom out the preview screen.

4.3.5.3 Rotation

Rotate the preview screen 90 degrees clockwise.

Rotate the preview screen 90 degrees counterclockwise.

4.3.5.4 Type

type N: Normal type.

type T: Text type, reduce color usage and improve text display quality.

type P: Picture type, reduce contrast and increase saturation to improve picture display quality.

4.3.5.5 Advanced Options

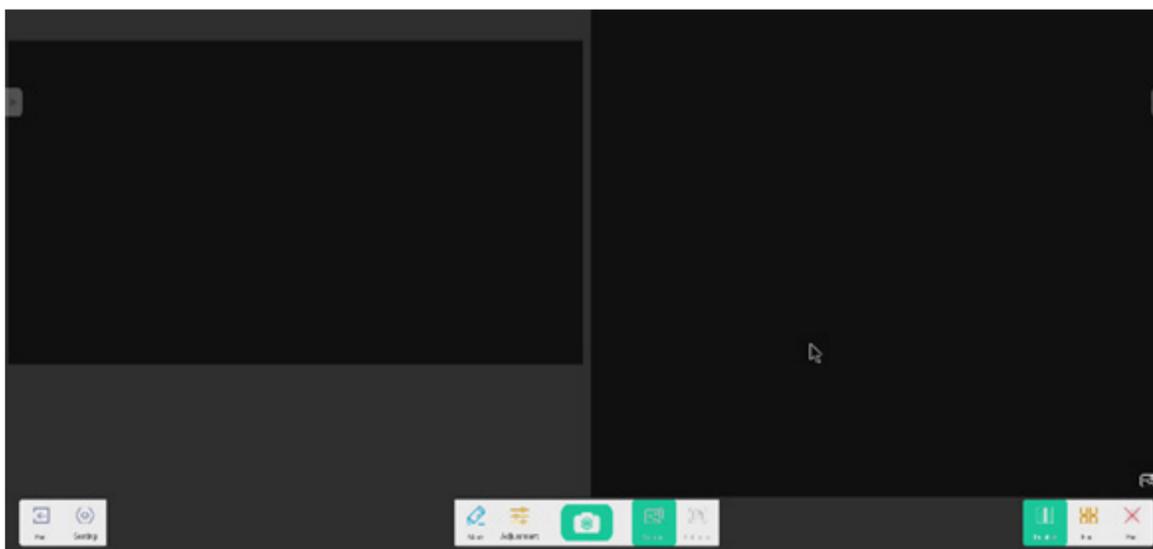
Dynamically adjust brightness, contrast, saturation, sharpness.

4.3.6 View



View

button, switch to Preview mode.



4.3.6.1 Multi Pics



to switch to two window mode.



to select preview file.



to switch to four window mode.



to exit out.

4.3.7 Exit

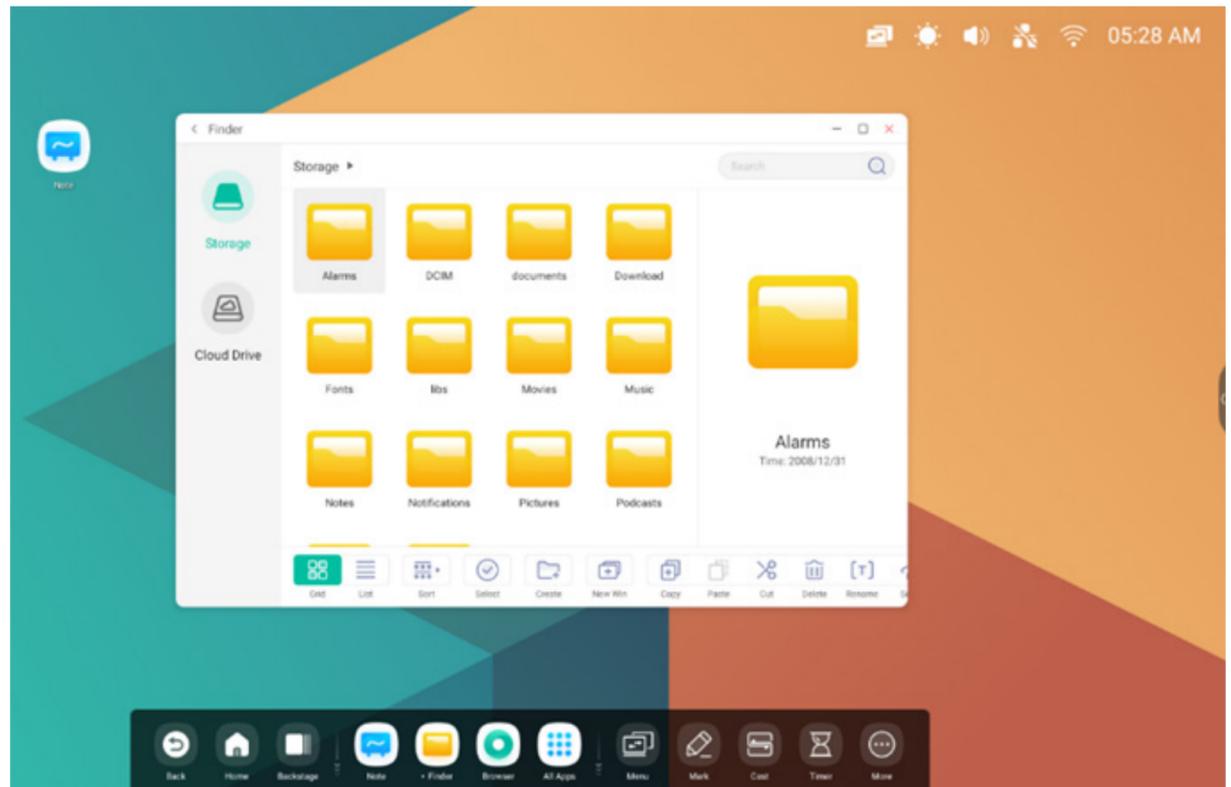


to exit the Visualizer

4.4 Finder

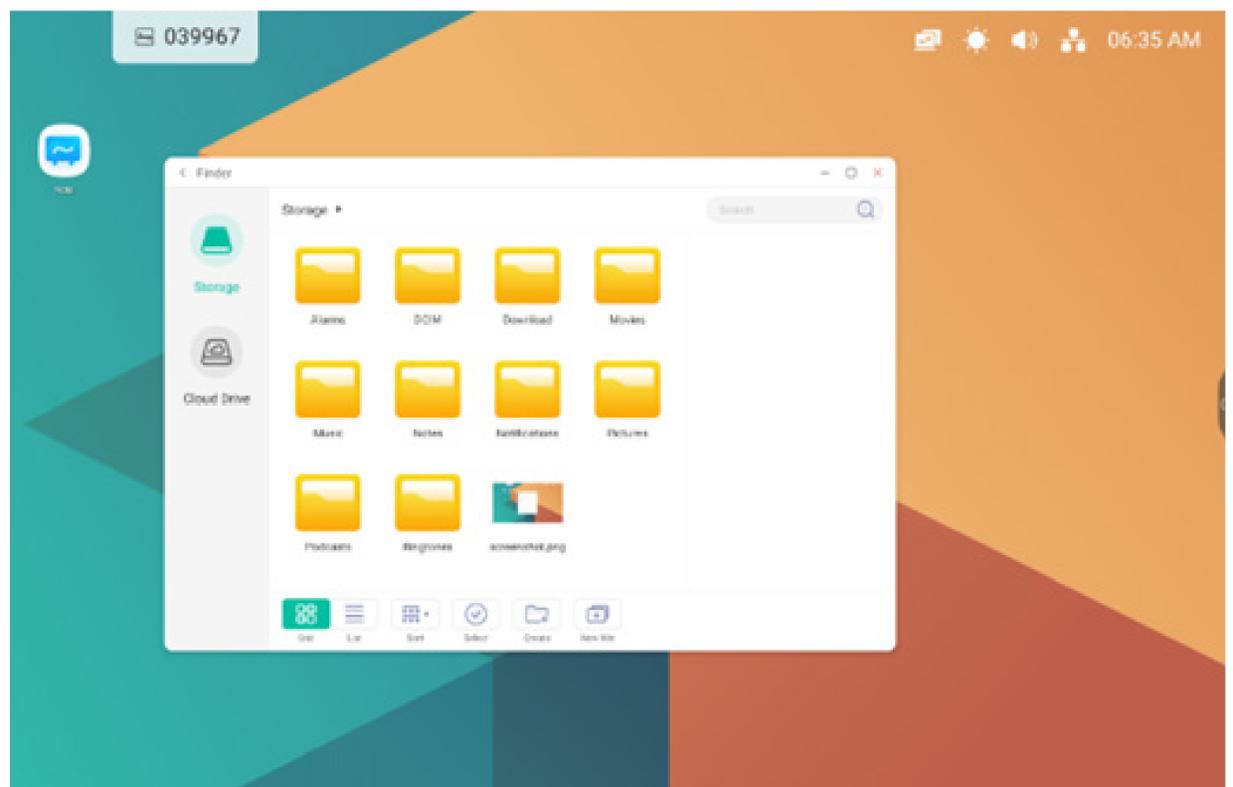


to open the Finder.



4.4.1 Storage

Users can browse resources stored in the local storage according to category, including document, whiteboard (pages saved by the whiteboard and quick screenshot), video, picture, and audio.

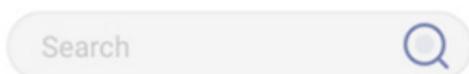


4.4.1.1 Back



button to return to the previous page.

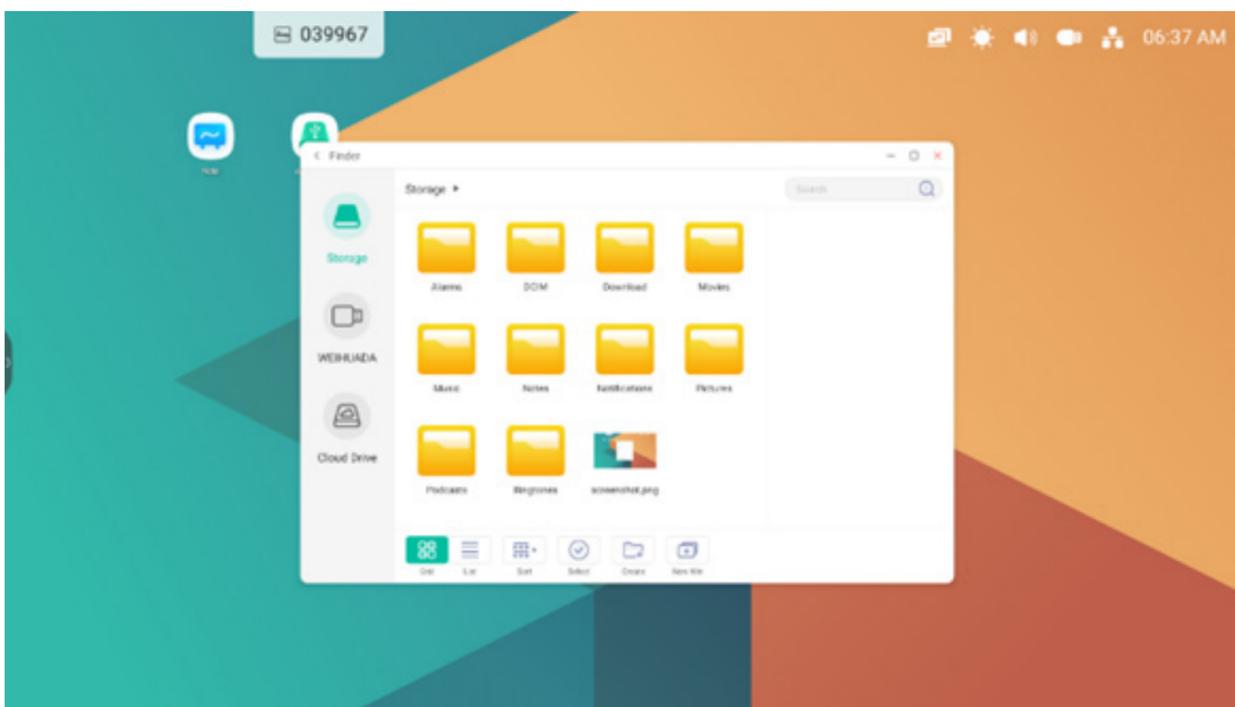
4.4.1.2 Search



Search: In the input box on the right upper corner of the interface, enter the resource name you want to search. For example, by entering "word", you can find resources named "word".

4.4.2 USB

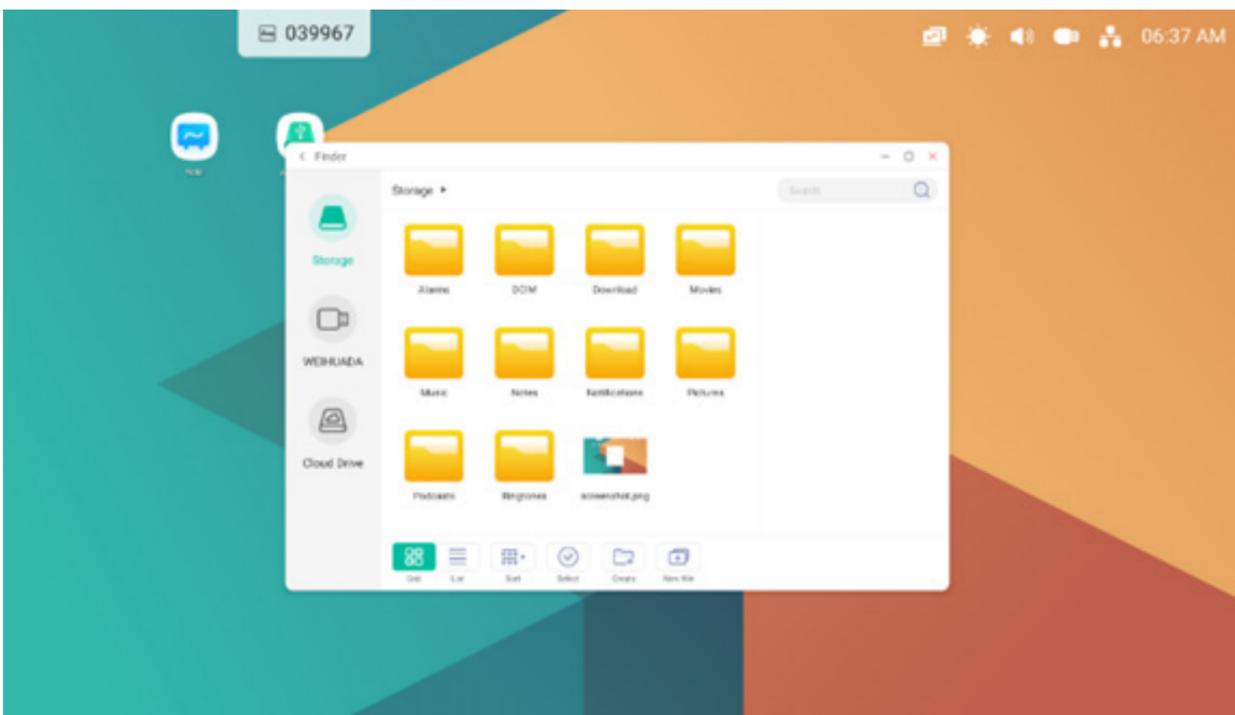
Users can browse resources stored in the USB storage according to category, including document, whiteboard writing (pages saved by the whiteboard and quick screenshot), video, picture, and audio.



4.4.3 Grid Display



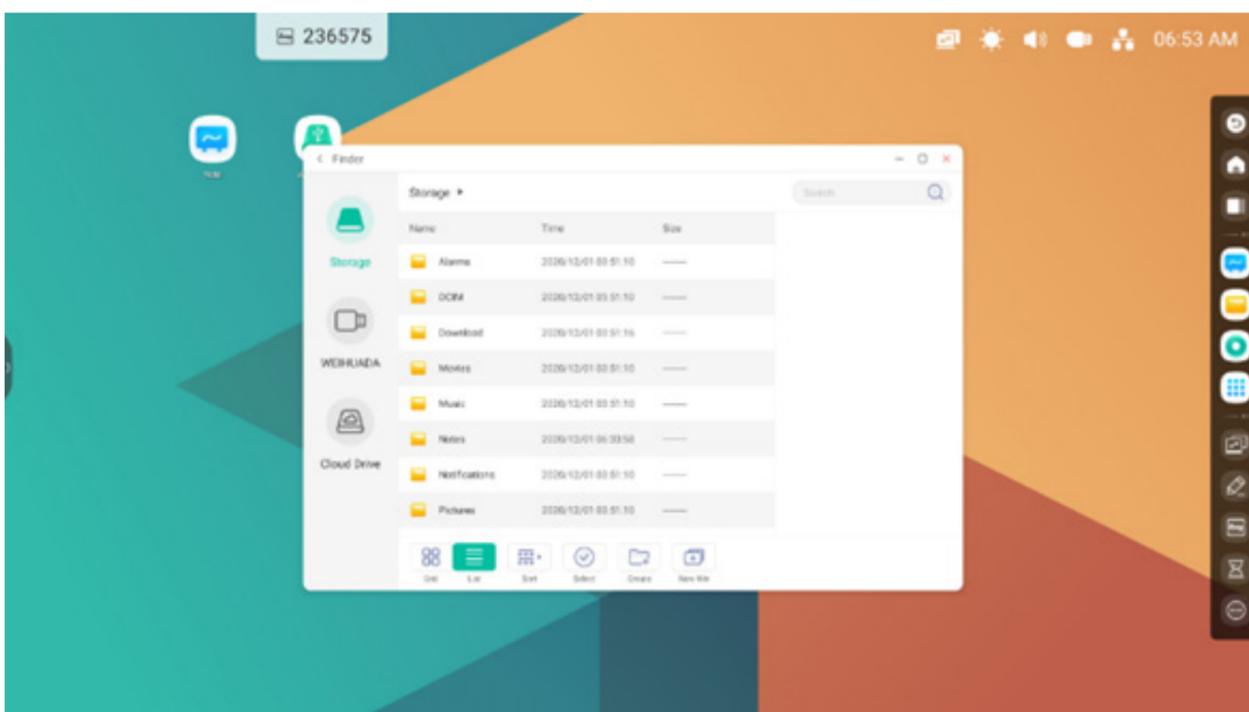
to display the resources in the form of icon. The resources are displayed in the form of icon by default.



4.4.4 List Display



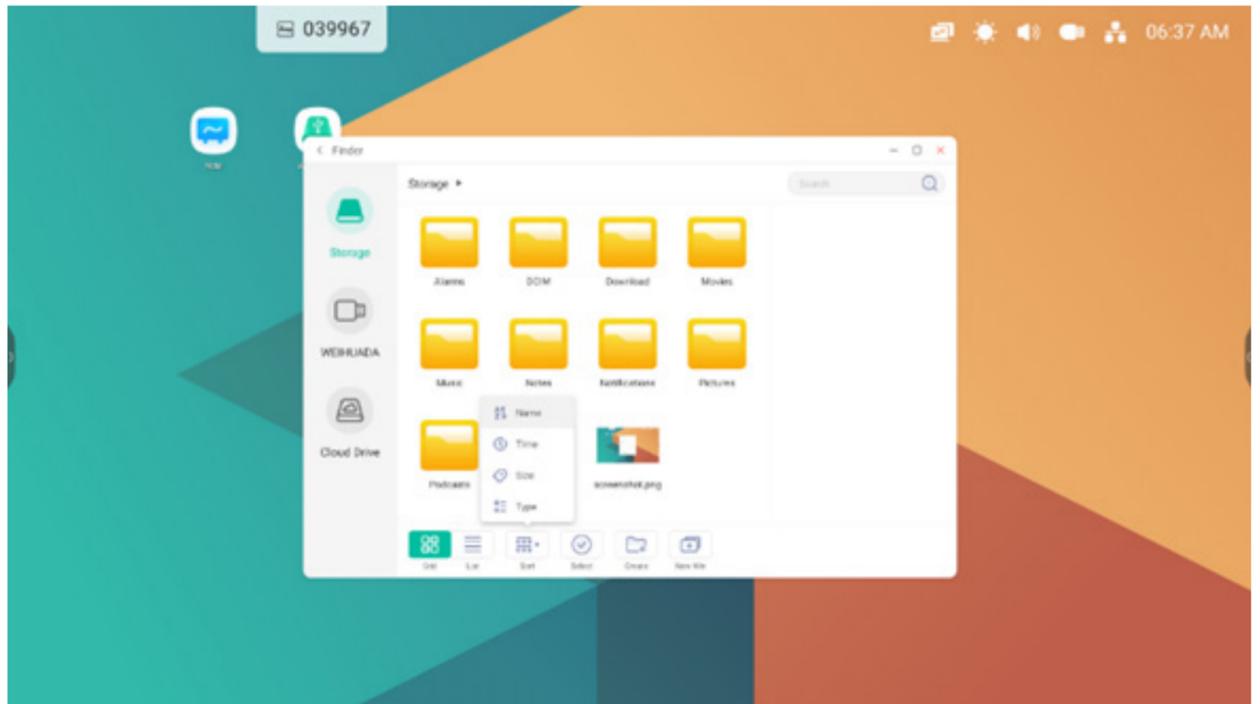
to switch to display the resources in the form of detailed information.



4.4.5 Sort



ordering button to pop out the menu as shown in picture. You can order the resources, including ordering according to the name, type, o size, and time. Resources are ordered according to name by default.



4.4.6 Select

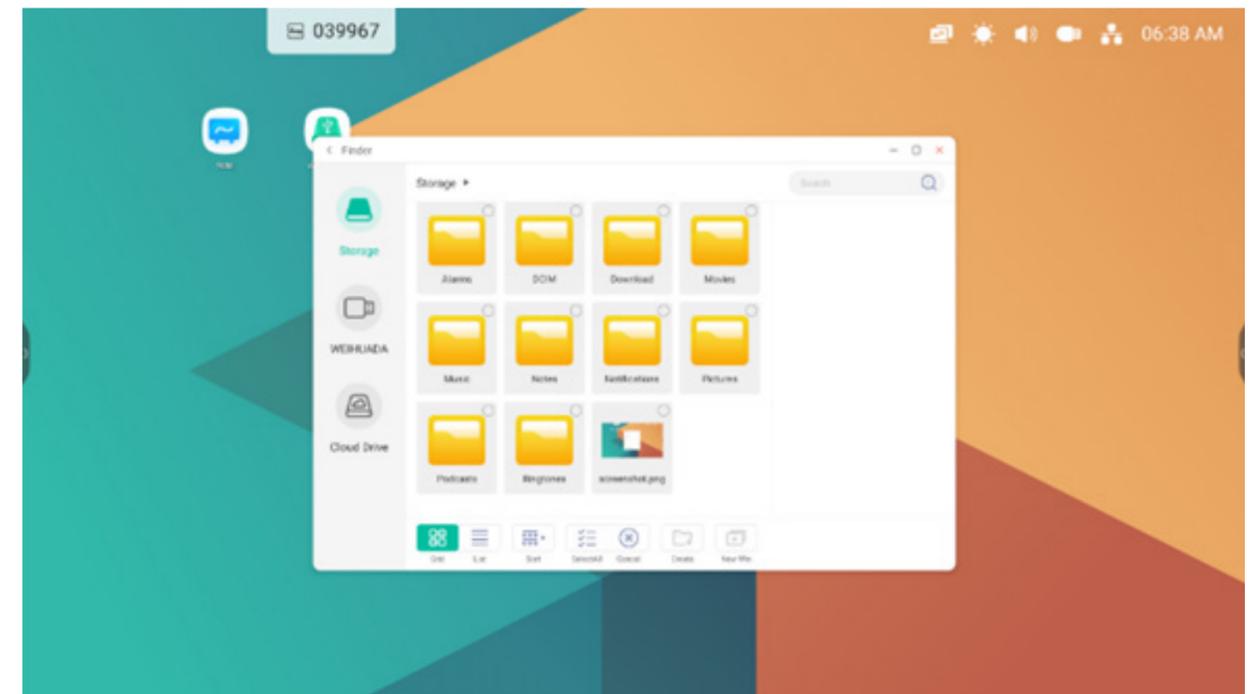


button to switch to , and a selecting box pops out on the left upper corner of the resources. Then you can select resources as required.

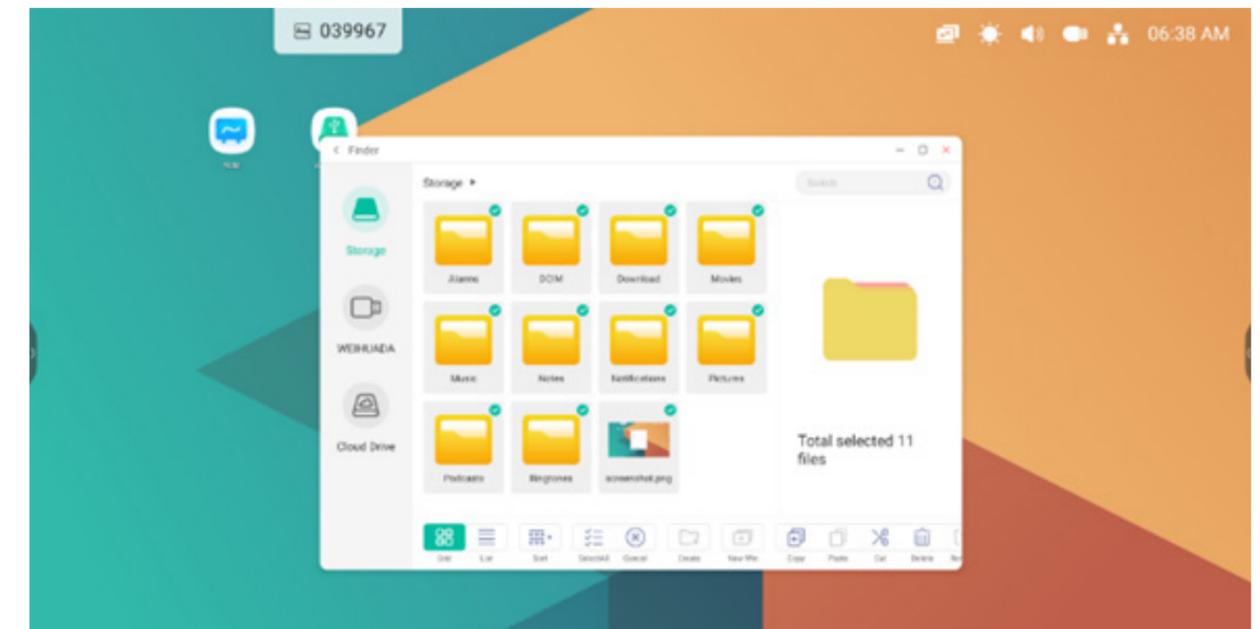
4.4.6.1 Select All



Selecting all. By clicking the button, you can select all resources under the current directory.



Cancelling selecting. to cancel all resources that have been selected currently.



4.4.6.2 Copying

Copying. When the resource is selected, the copy button will appear.  to copy the currently selected resource.

4.4.6.3 Pasting

Pasting. When there is any resource being copied or cut currently, the  button is available. Users can paste the copied/cut resource to the specified location as required. You can execute the pasting operation only when the default folder is displaying "all" resource locations.

4.4.6.4 Cutting

Cutting. When the resource is selected, the cutting button will appear.  to cut the currently selected resource.

4.4.6.5 Deleting

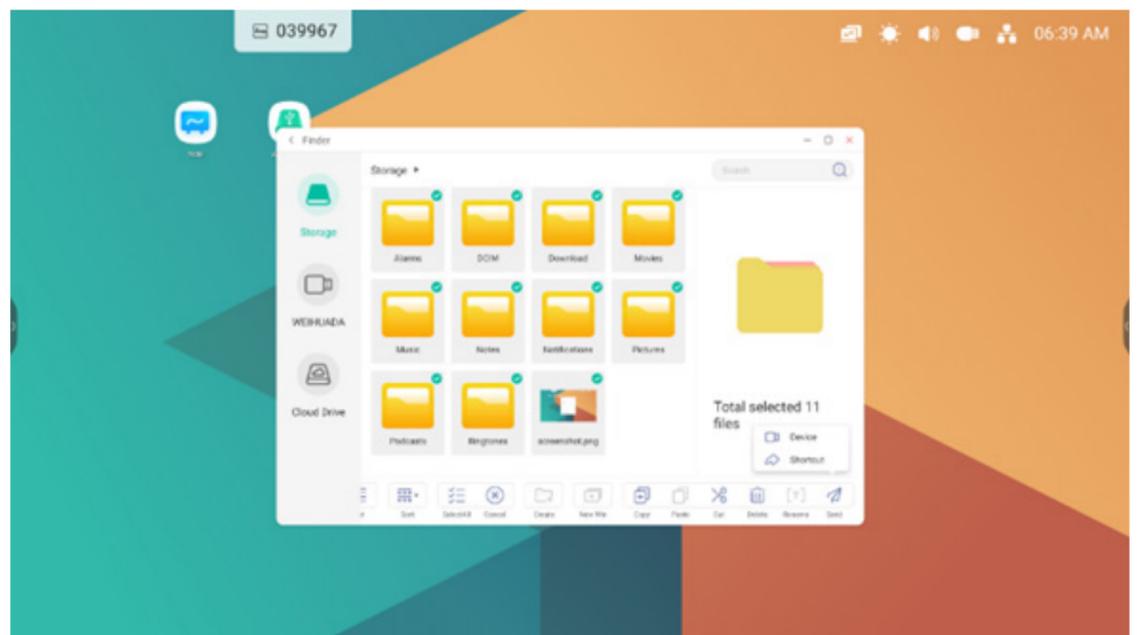
Deleting.  to delete the selected resource.

4.4.6.6 Renaming

Renaming.  to rename the selected resource.

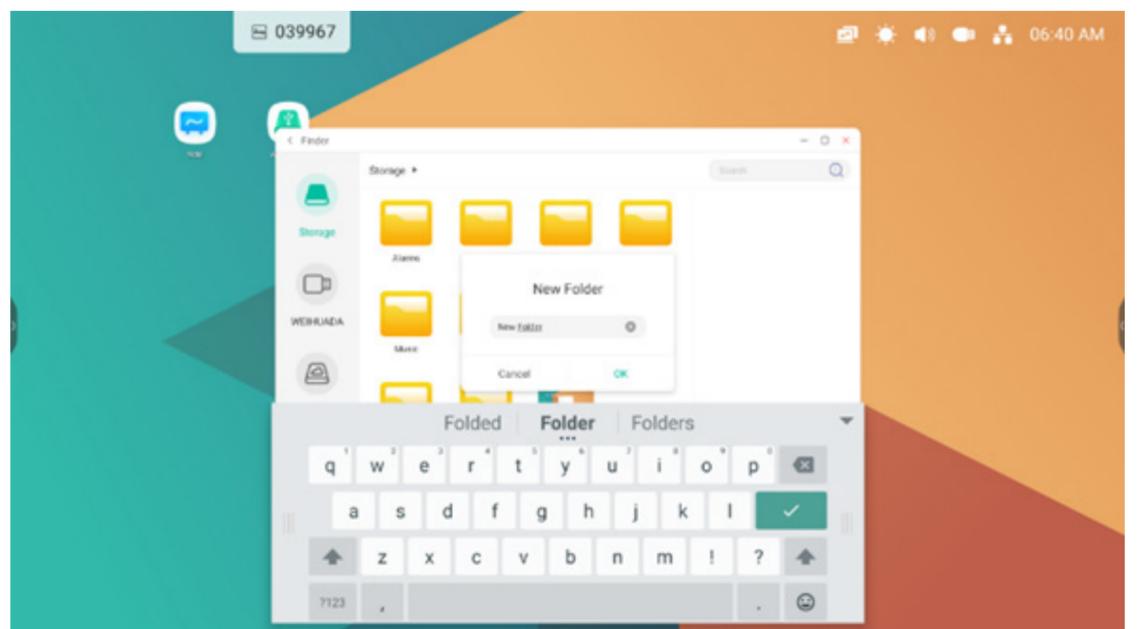
4.4.6.7 More

More.  to pop out the "send to" button. You can send the selected file to the target folder.



4.4.7 New Folder

New Folder. "New Folder" to create new folders under the current directory.



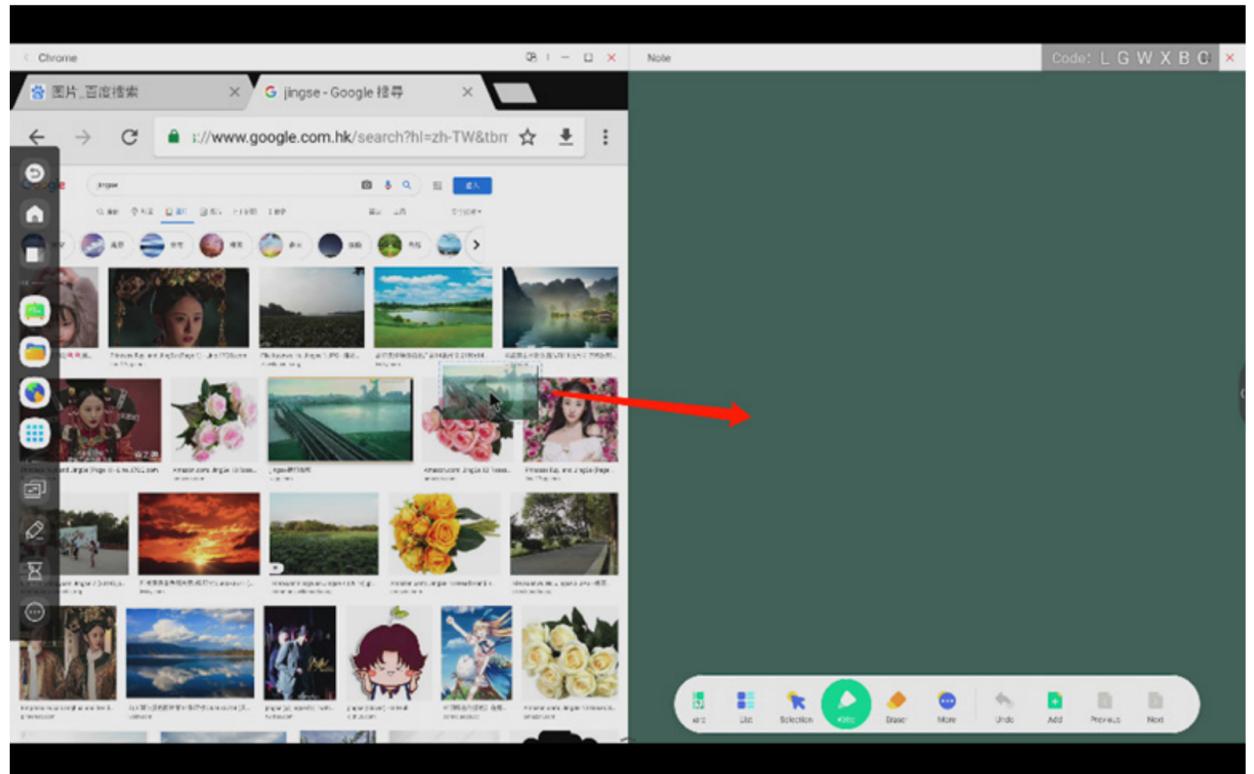
4.5 Browser



to open the Browser.

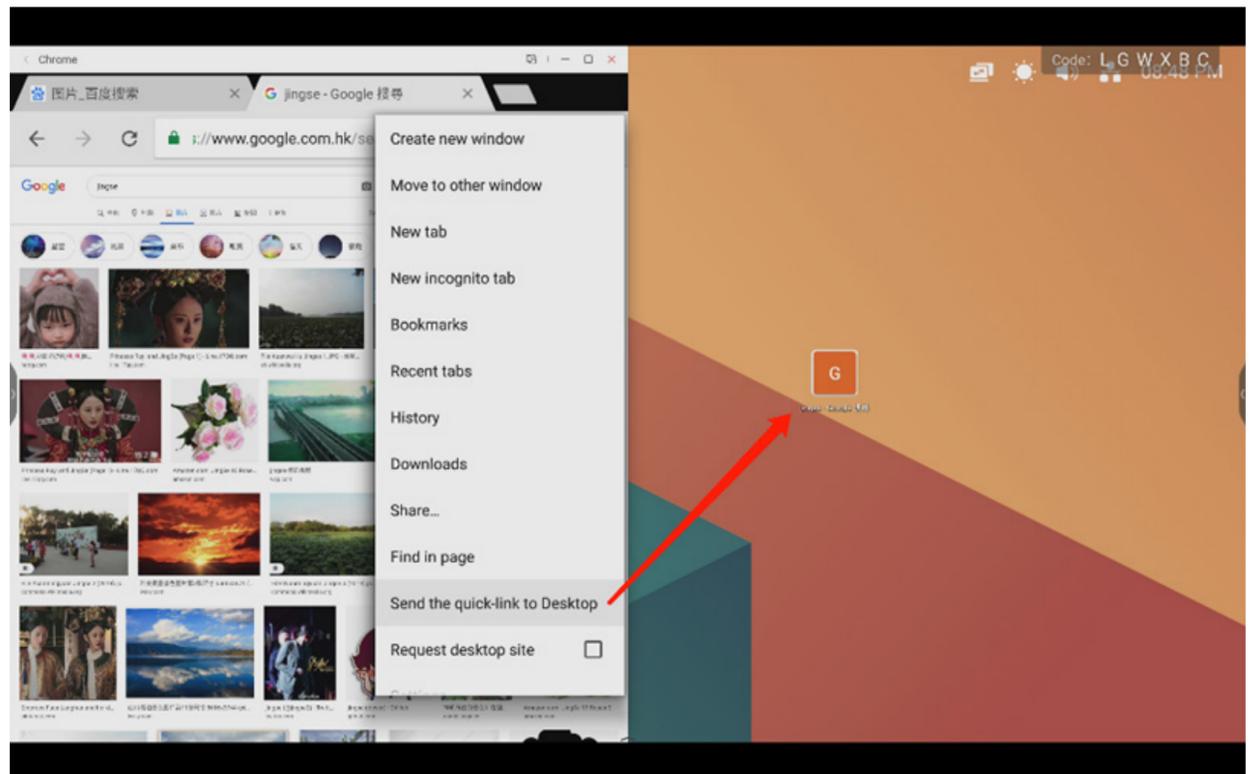


Long press image or text then drag to Note



Send the quick-link to Desktop

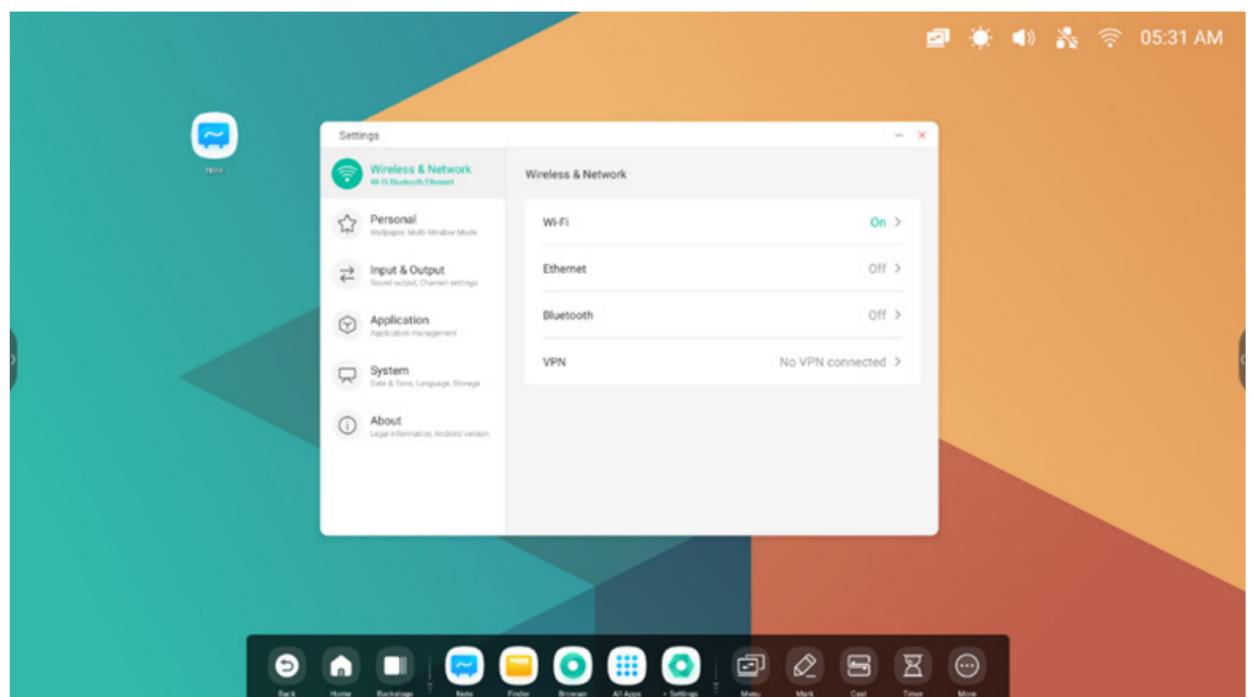
in browser more settings to add quick-link to Desktop



4.6 Settings



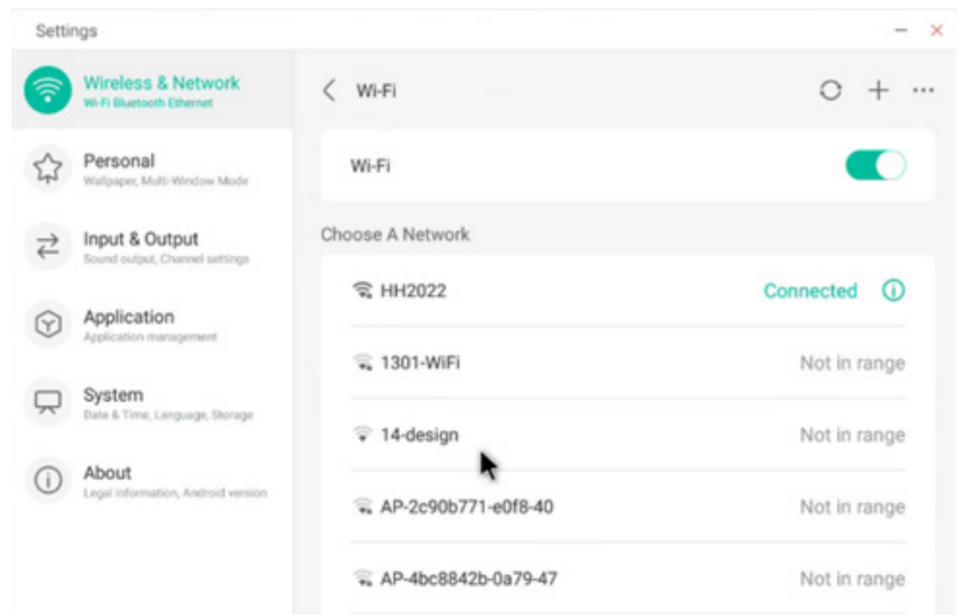
to open the Settings.



4.6.1 Wireless & Network

4.6.1.1 Wi-Fi

If you plug in a Wi-Fi module, you can on the Wi-Fi menu to enter the Wi-Fi interface, manage and view your Wi-Fi connection.



If you can't find your Wi-Fi, you can manually configure

to add Wi-Fi by clicking on 

Add Network

Network Name

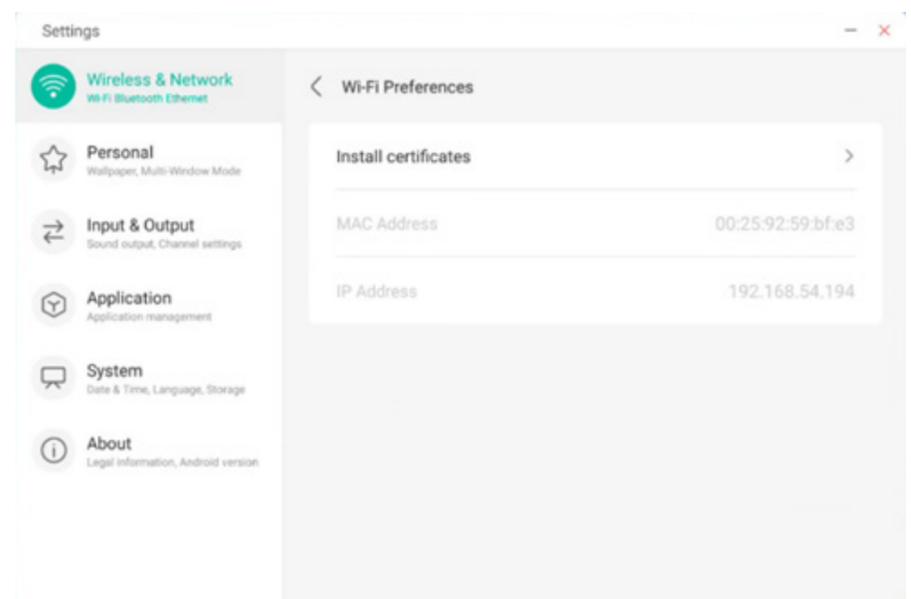
Security

Advance Settings

Cancel

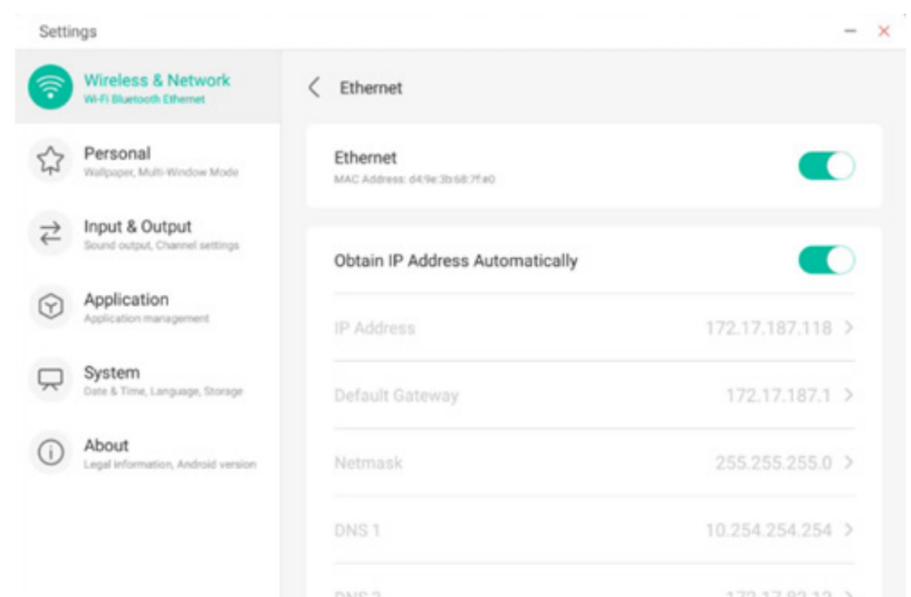
Connect

In addition, you can on  to see your Wi-Fi address and install certificates.



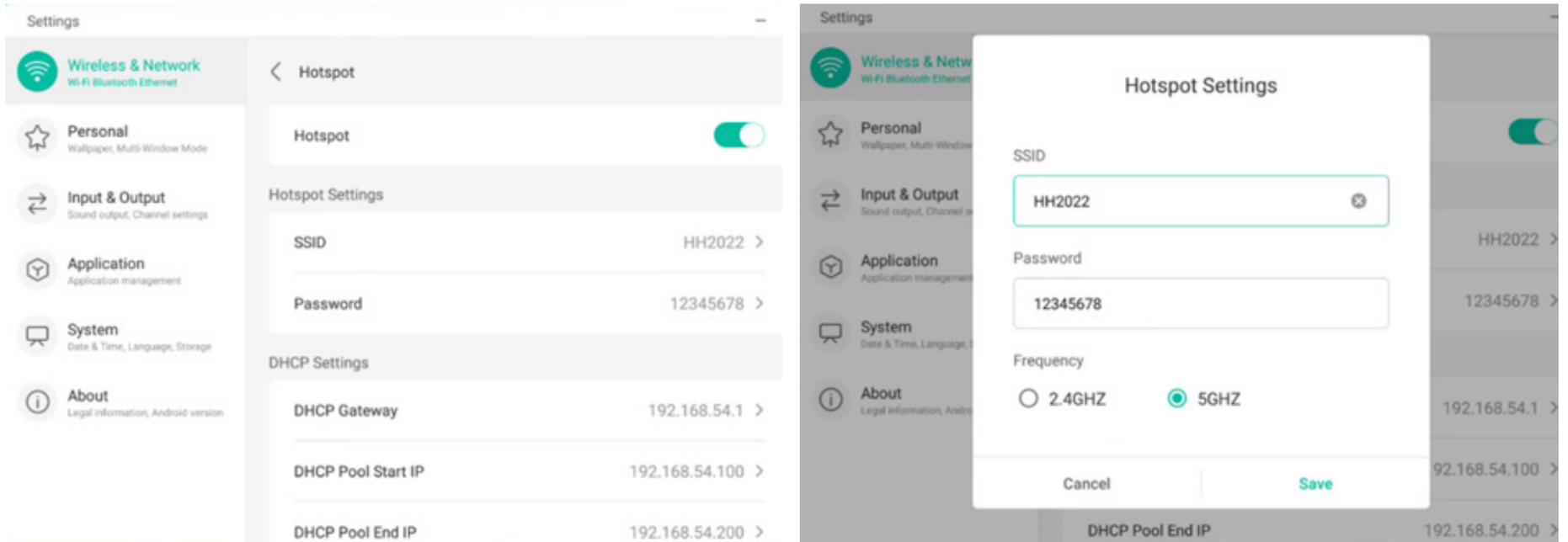
4.6.1.2 Ethernet

Wired network Settings allow you to view and control the state of your network, or you can manually set your static IP configuration and proxy configuration.



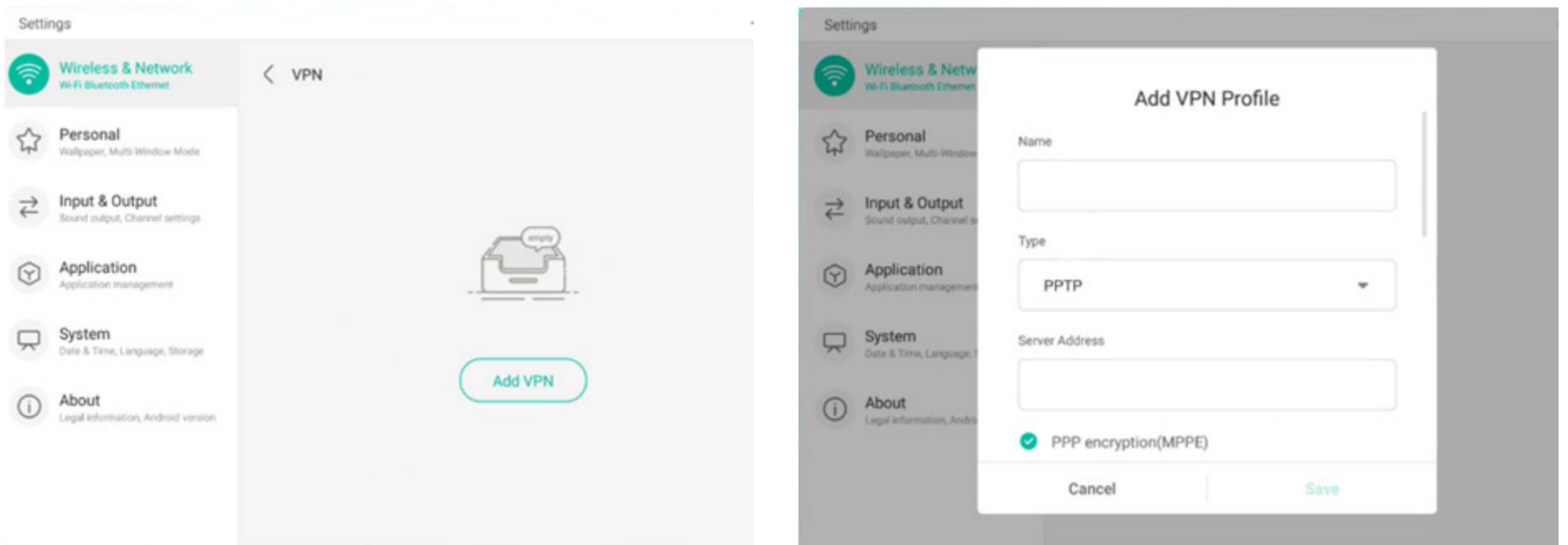
4.6.1.3 Hotspot

If you plug in a hotspot module, hotspot Settings allow you to view and control your hotspots, or manually set your hotspot name, password, and frequency



4.6.1.4 VPN

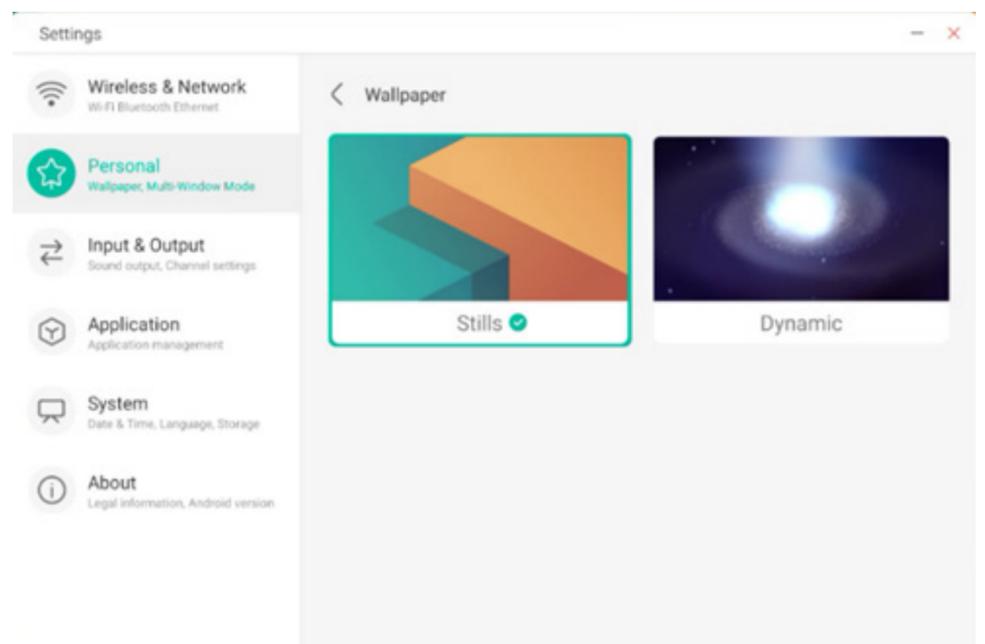
You can add your VPN connection to the VPN setup, where you can manage all of the VPN configuration and status.



4.6.2 Personal

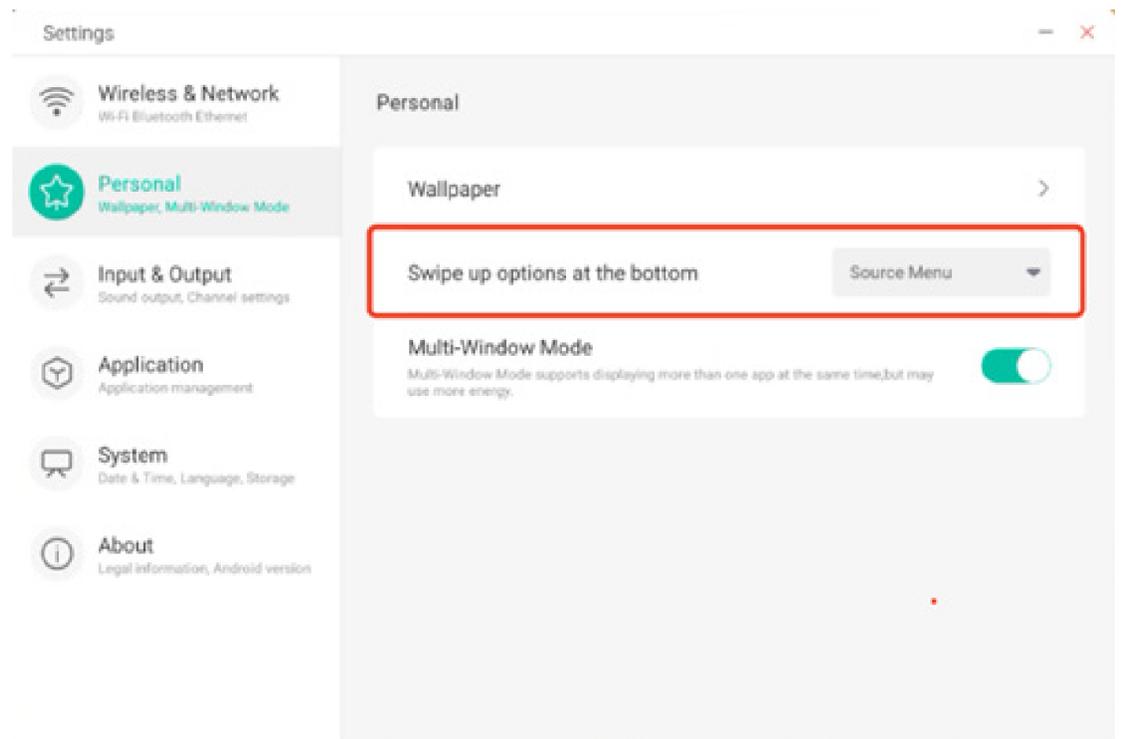
4.6.2.1 Wallpaper

Wallpaper Settings support both static and dynamic wallpapers. You can choose which wallpaper you like to set to your desktop.



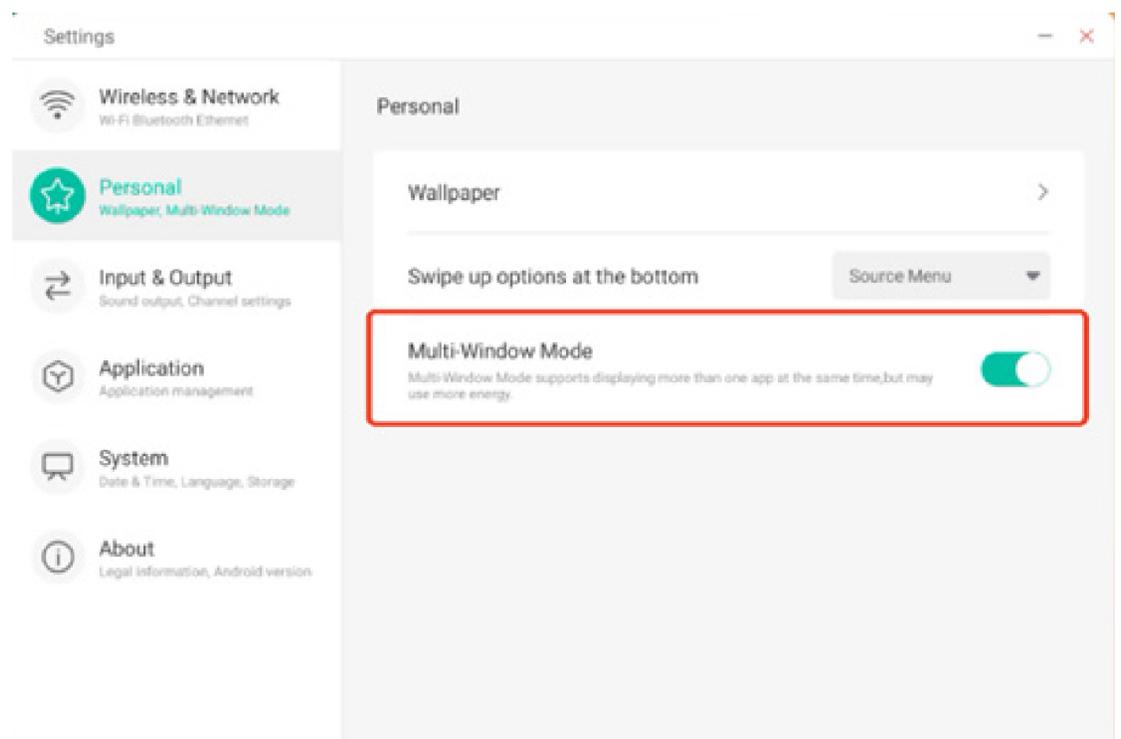
4.6.2.2 Swipe up options at the bottom

You can use this configuration item to set whether swipe up at the bottom evokes an OSD window or a toolbar.



4.6.2.3 Multi-Window Mode

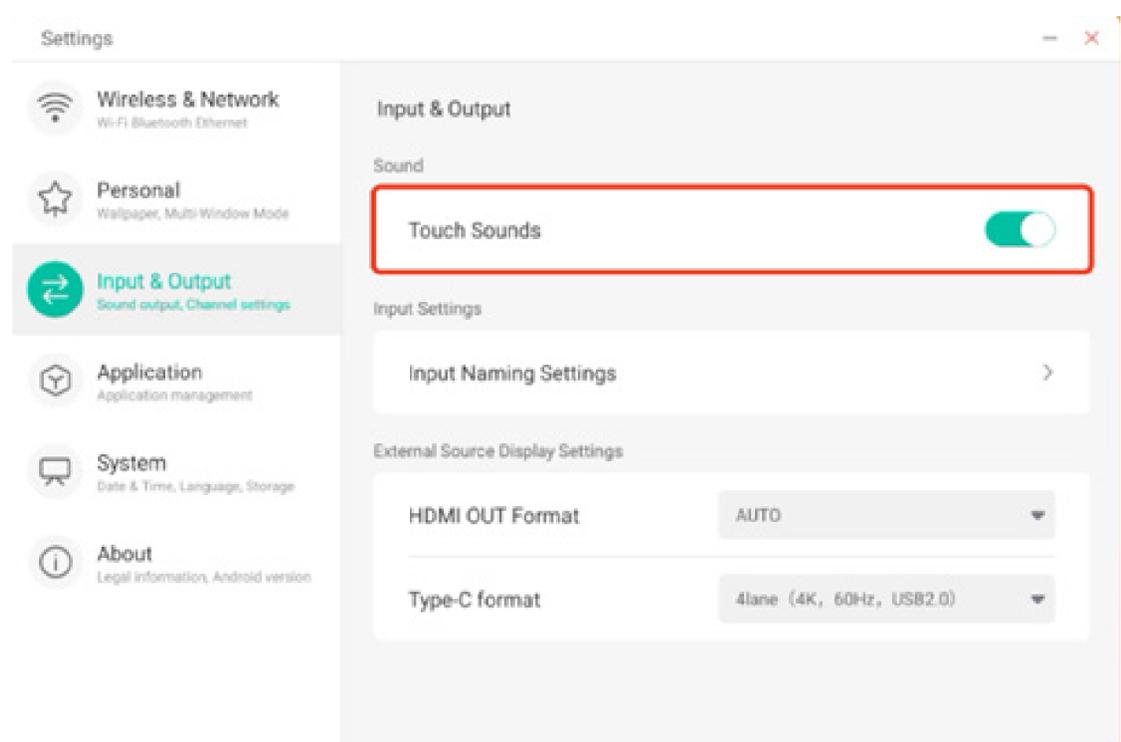
Multi-Window Mode allows you to switch the system's window mode to full-screen mode or multi-window mode, depending on your preferences.



4.6.3 Input & Output

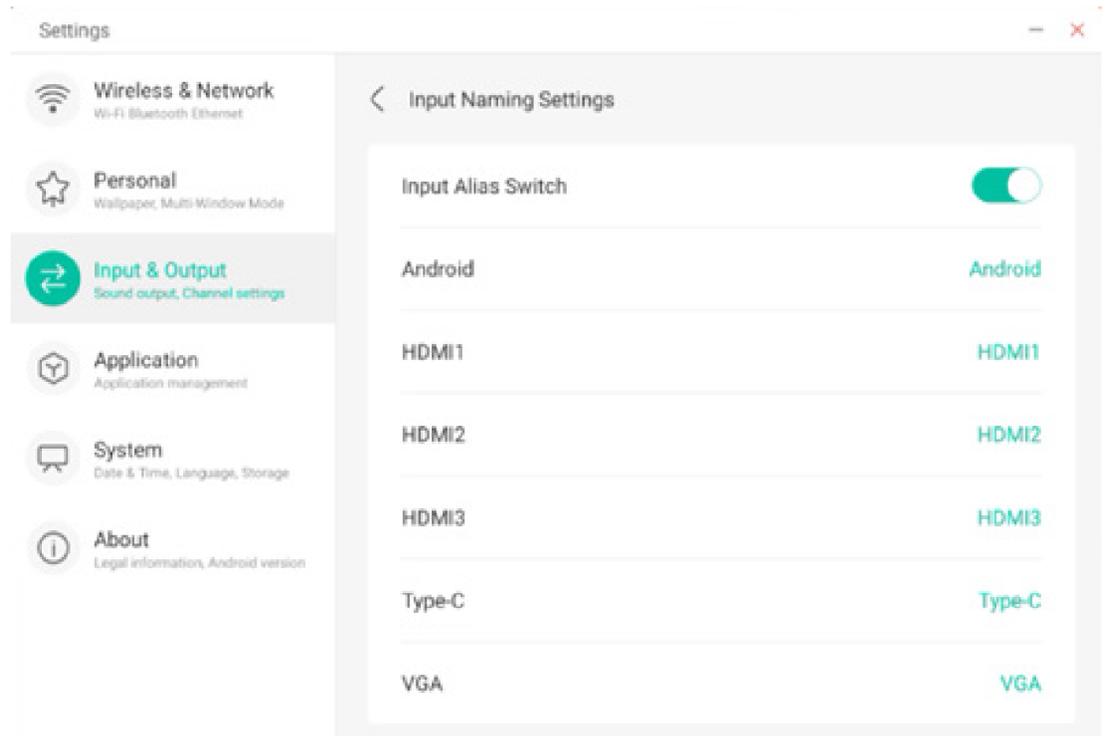
4.6.3.1 Touch Sound

You can use this configuration to set whether or not to enable touch sounds on your device.



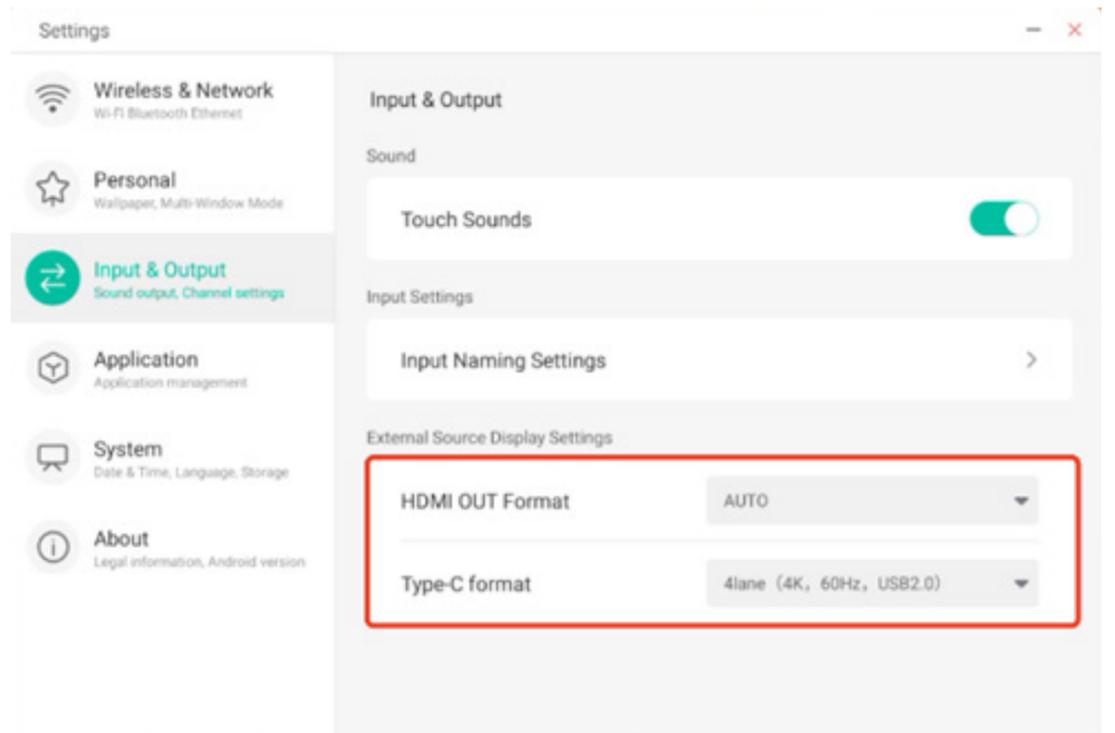
4.6.3.2 Input Naming Settings

This setting allows you to enable channel aliases, you can customize your channel name and apply it to the OSD menu and channel display.



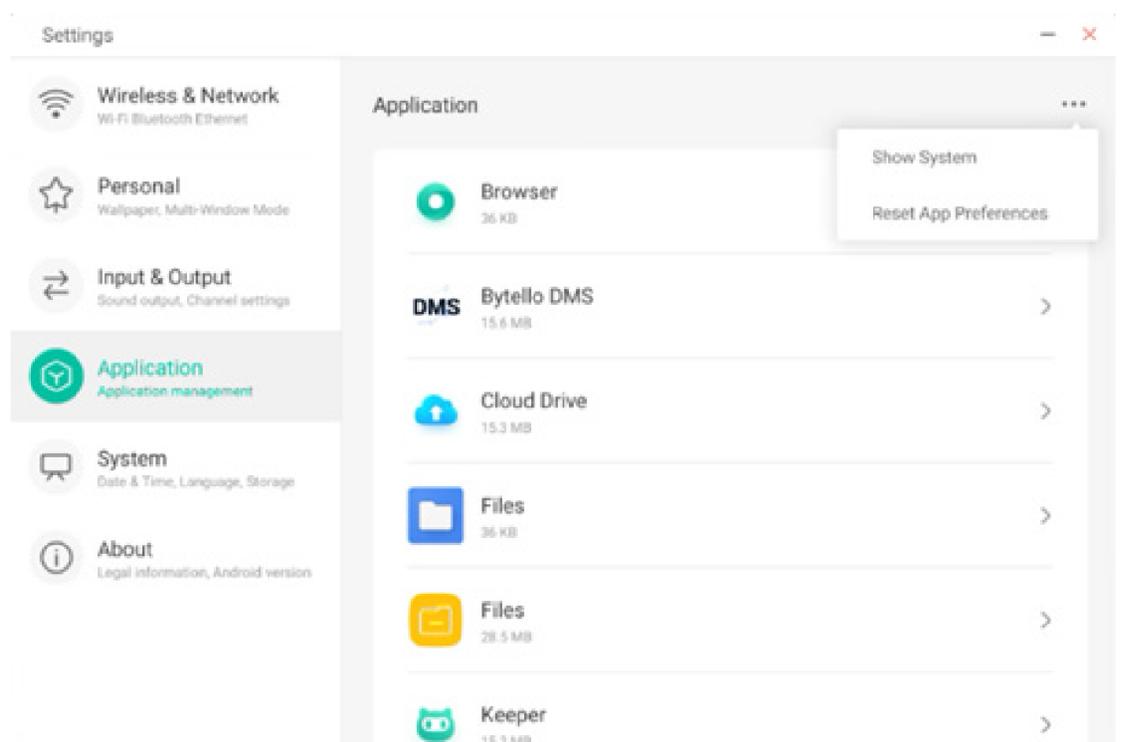
4.6.3.3 External Source Display Settings

External source Settings allow you to set the HDMI OUT resolution and type-C format.



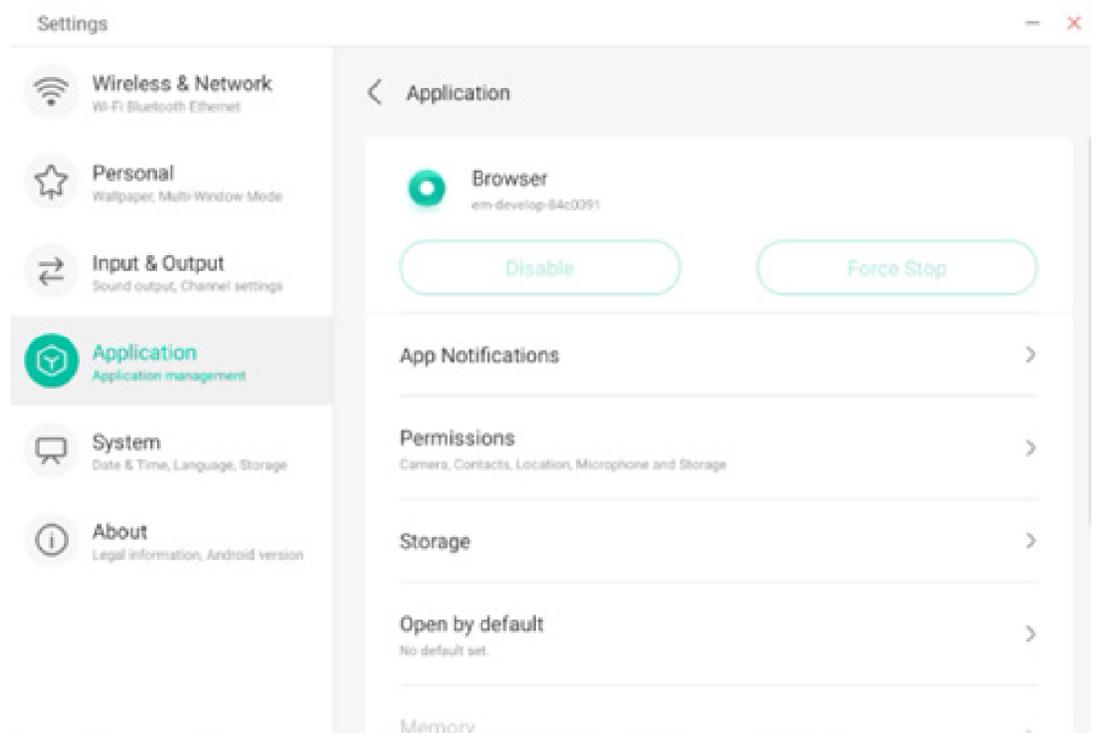
4.6.4 Application

Here you can view and manage all the applications installed on your device. By default, third-party apps and desktop apps are displayed. You can control whether the rest of the system is displayed or not. In addition, you can restore the default preferences of all applications here.



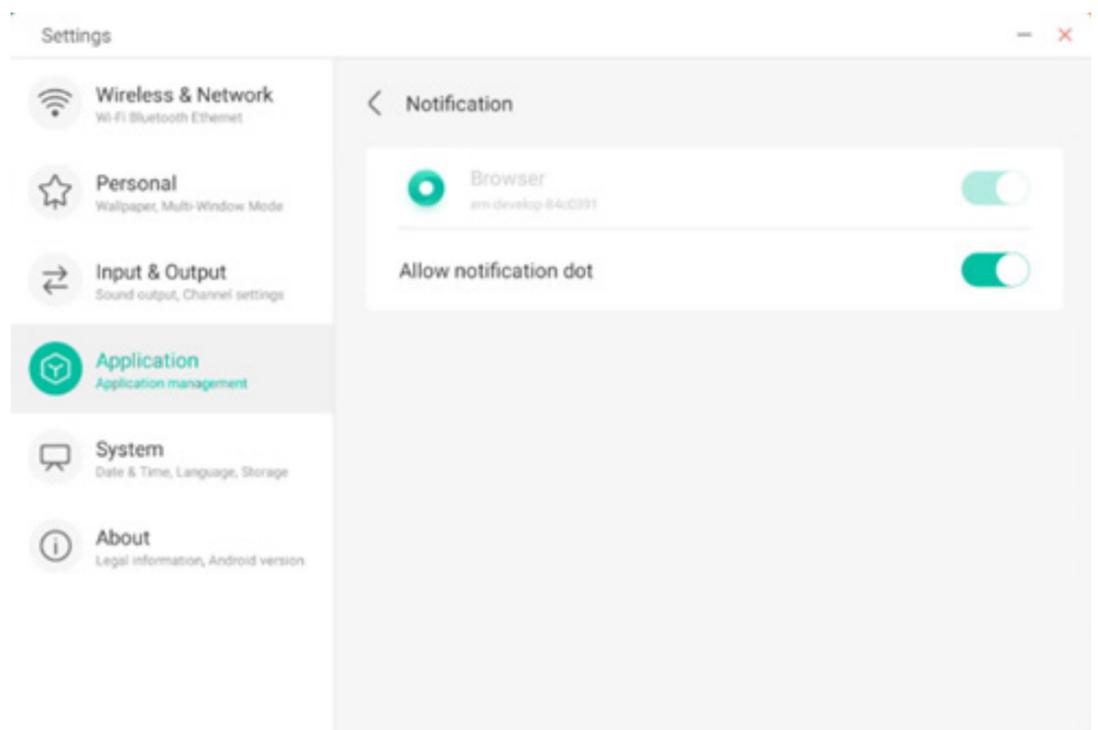
4.6.4.1 Application Detail Info

For each application, we list specific information about the application, including memory usage, permission requests, notifications, etc. You can also uninstall, disable, and stop an application.



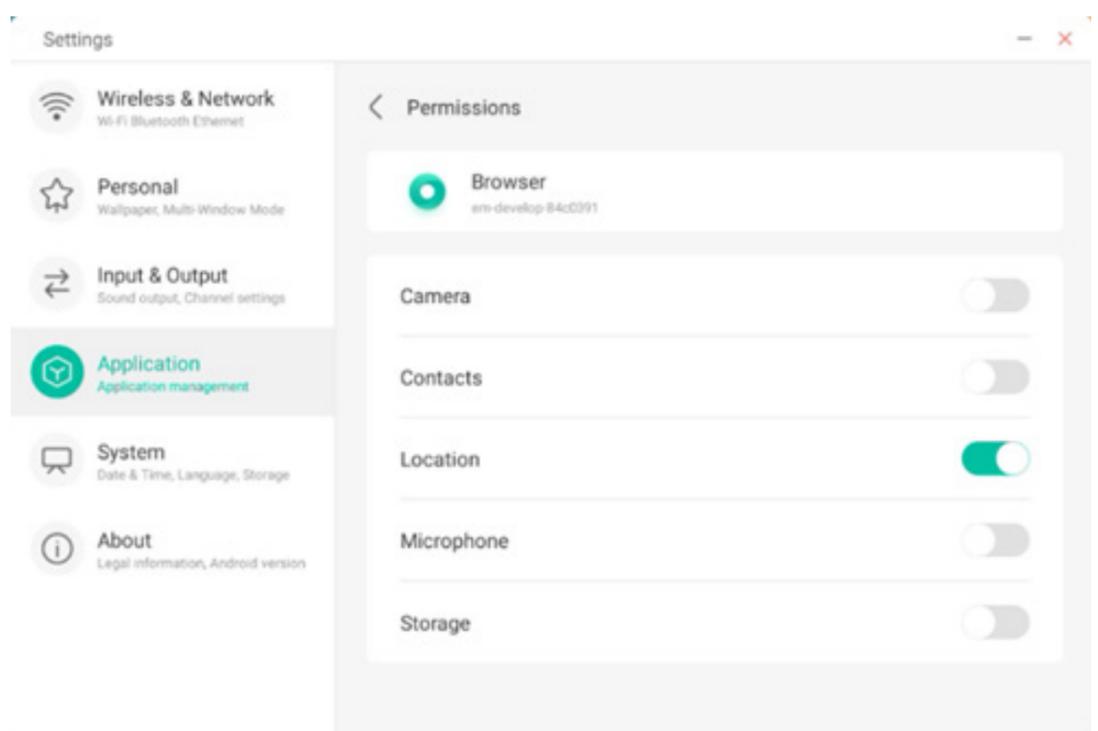
4.6.4.2 Notification

You can modify the application's message notification configuration.



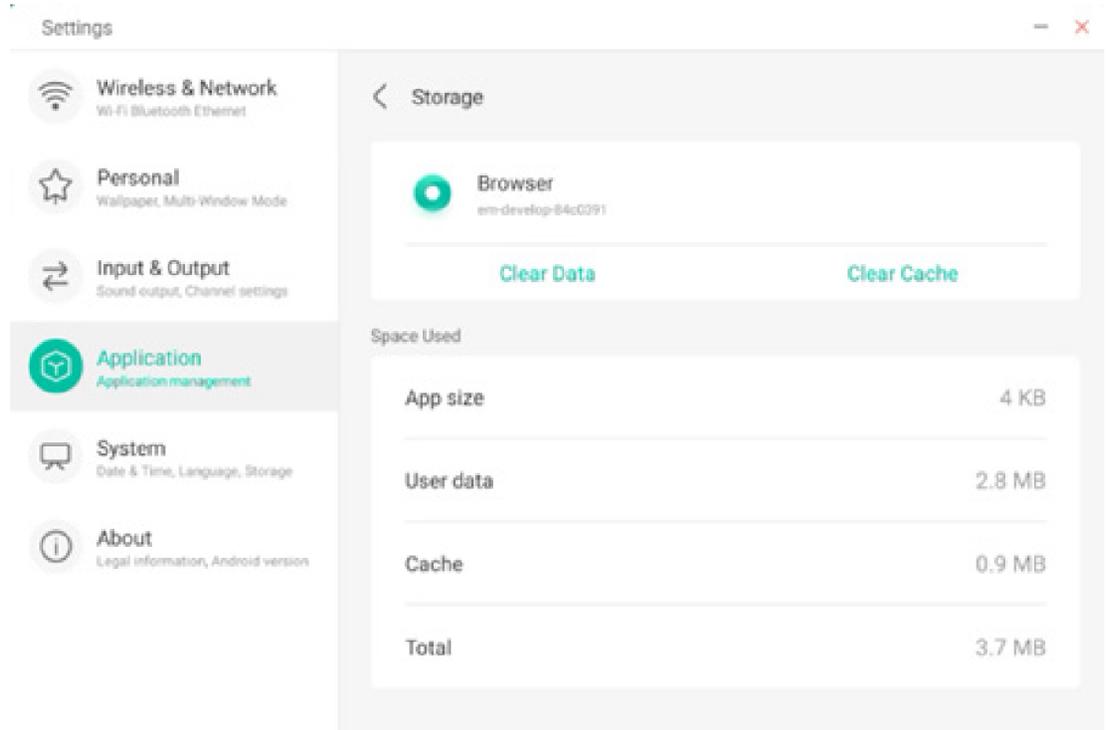
4.6.4.3 Permission

You can modify the permission request of the application.



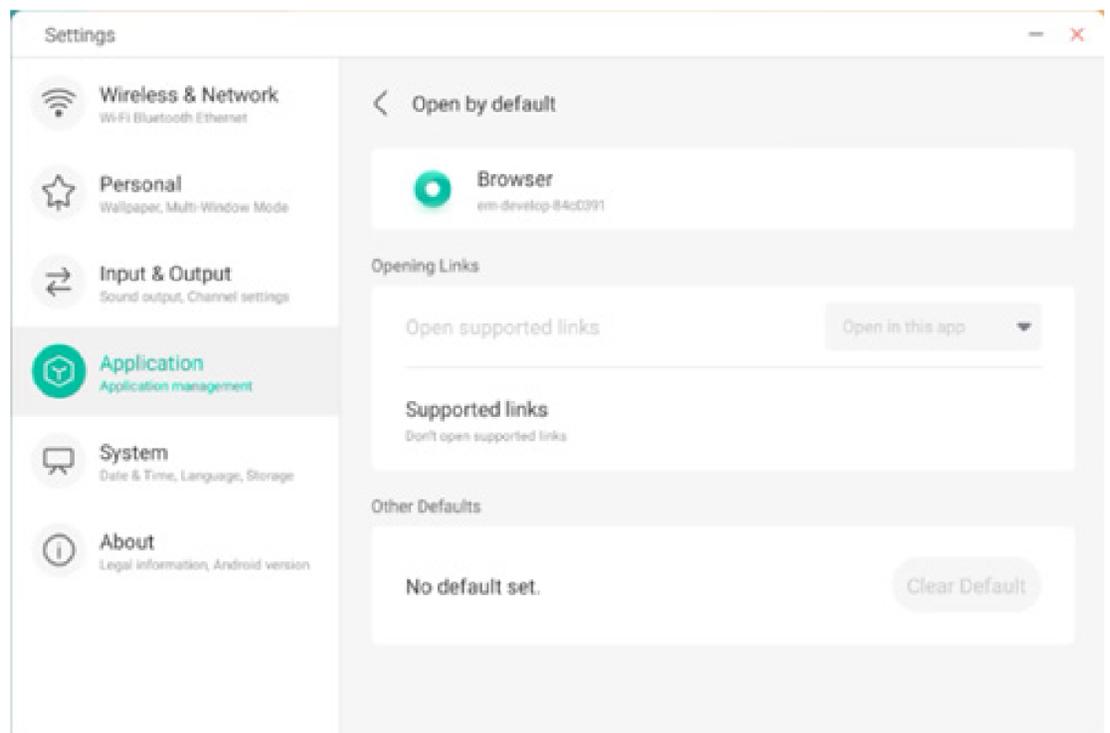
4.6.4.4 Storage

You can see how the application's storage controls are being used, including user data, caching, and application package size. You can also clear the application's user usage data and the application cache.



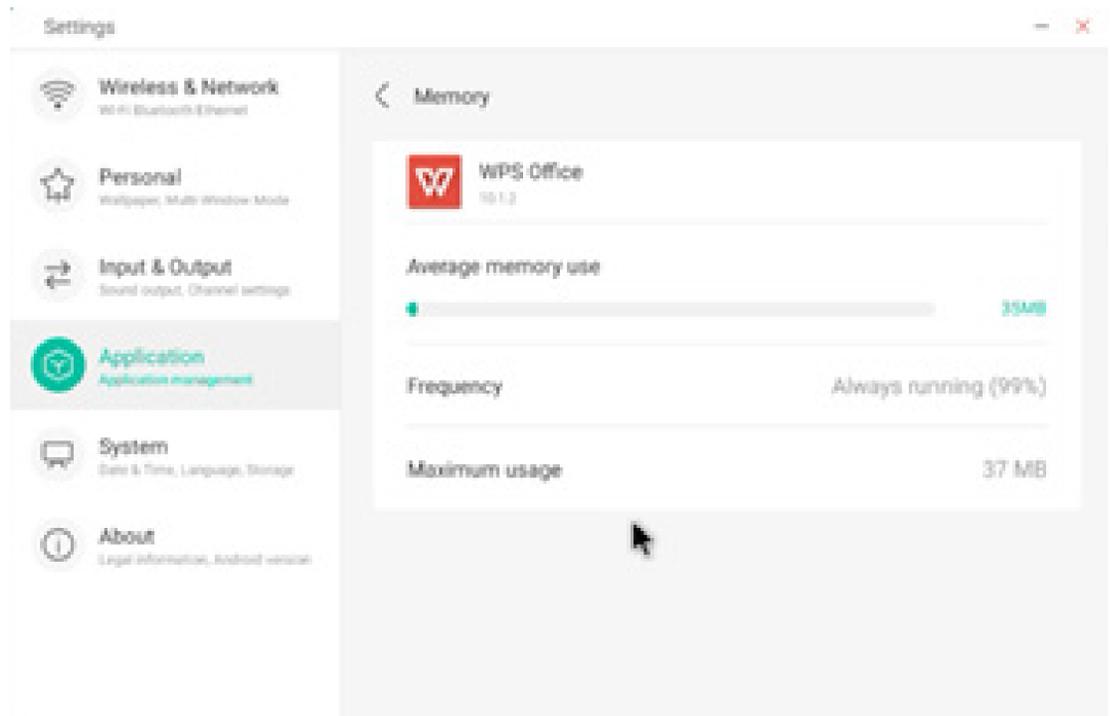
4.6.4.5 Open by default

You can set the app's open prompt or clear the app's default Settings.



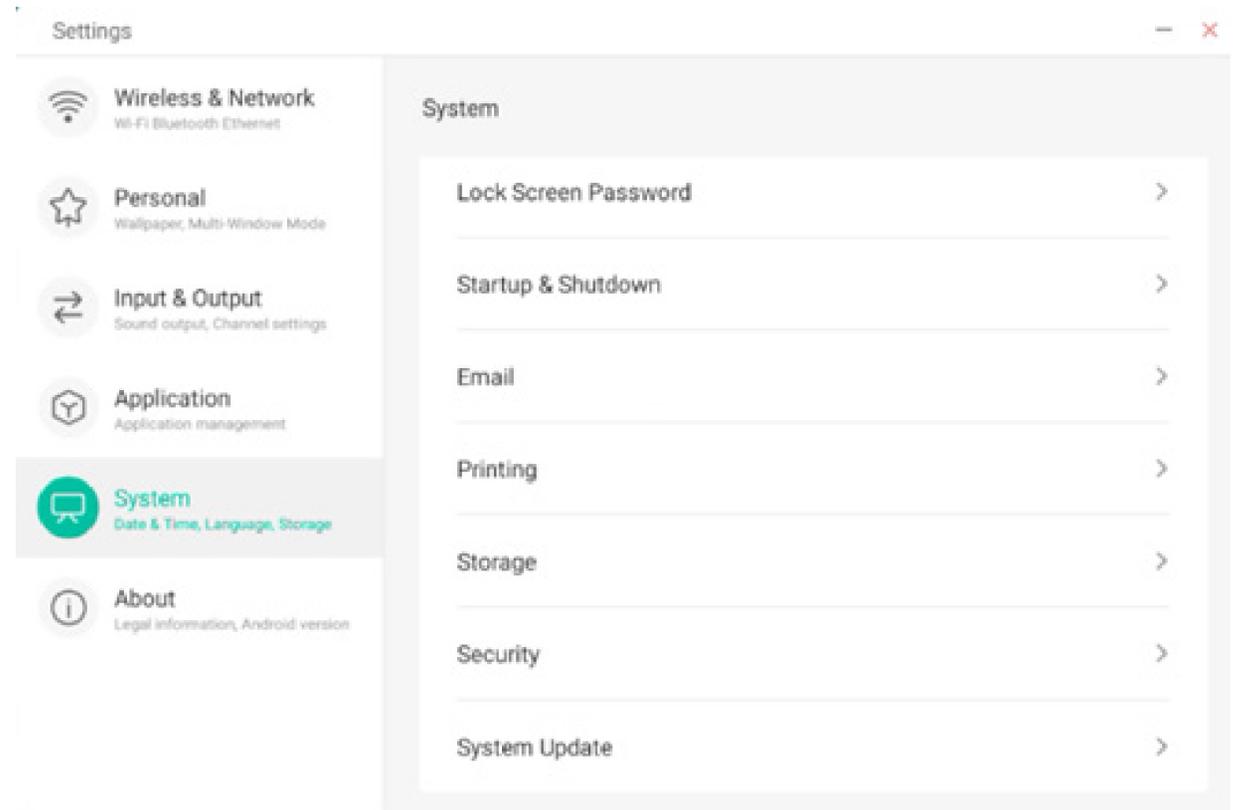
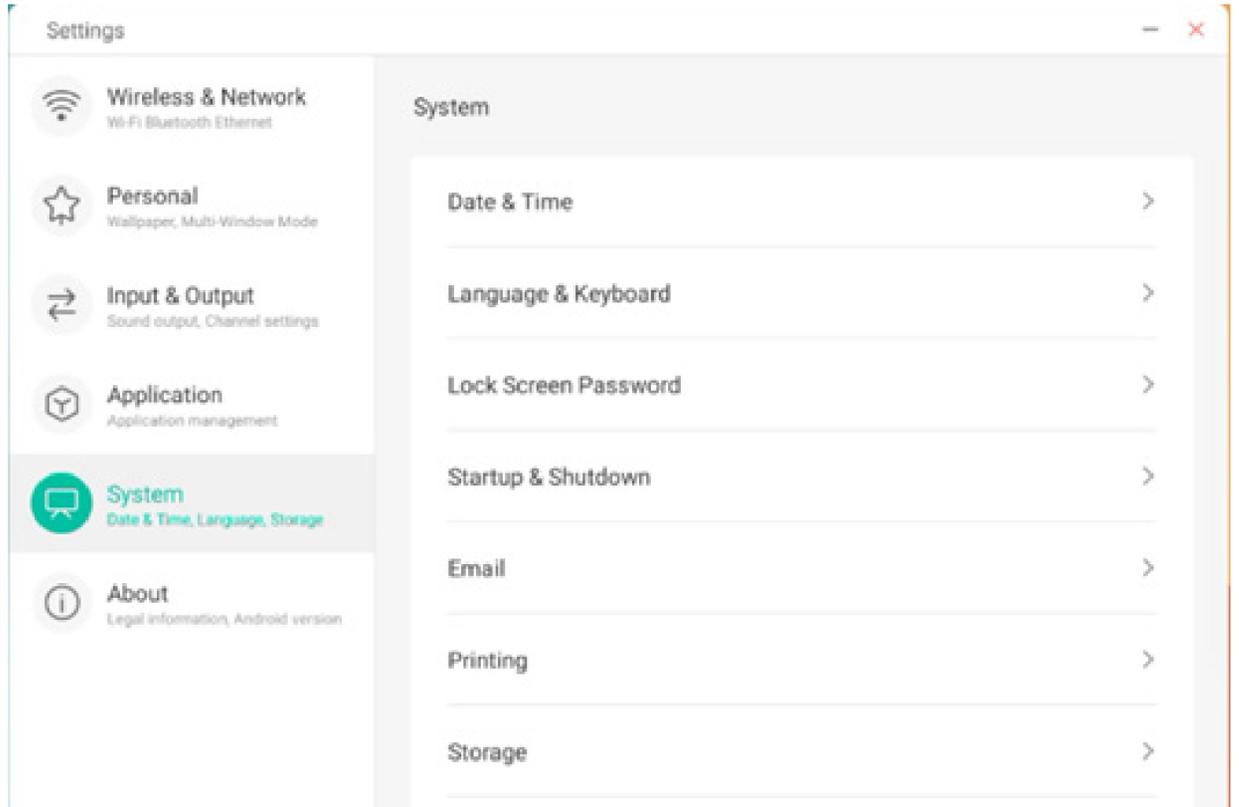
4.6.4.6 Memory

You can look at your application's memory usage, including average memory usage, frequency of usage, and maximum usage.



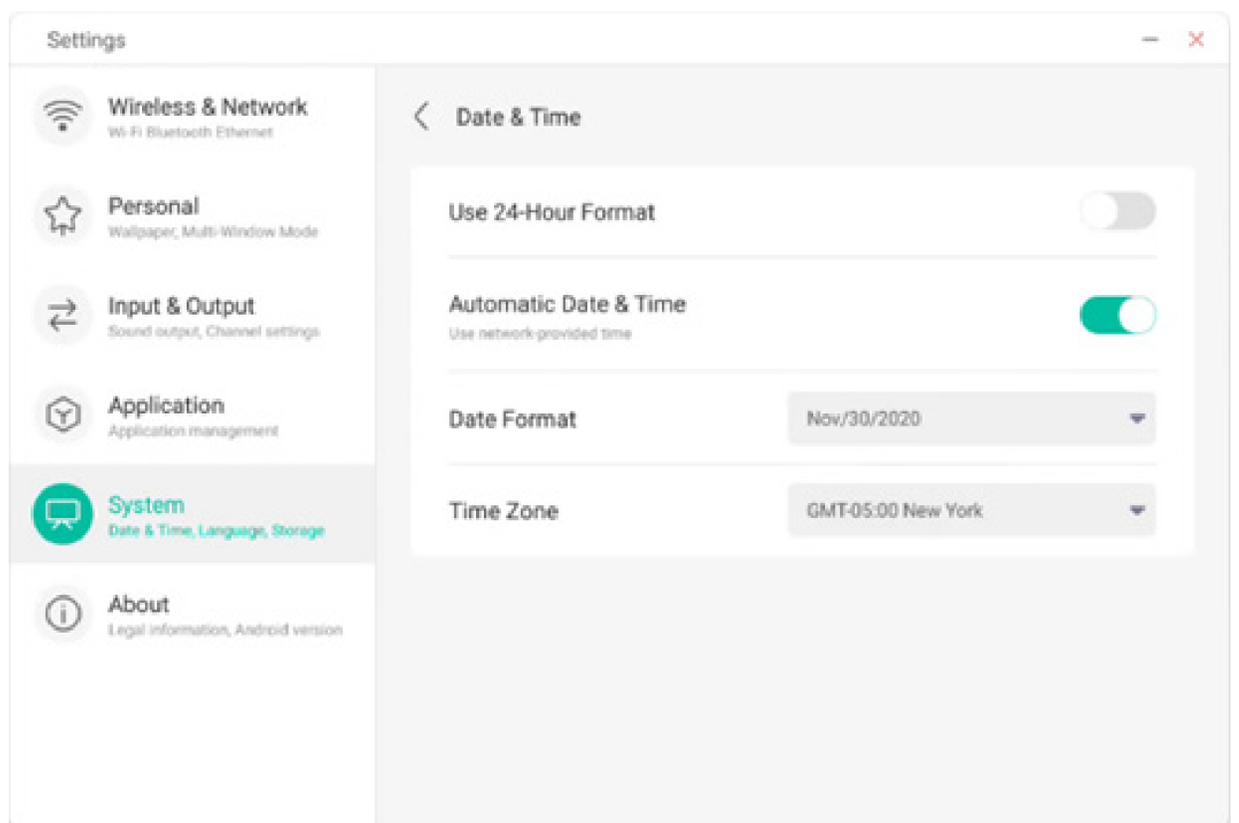
4.6.5 System

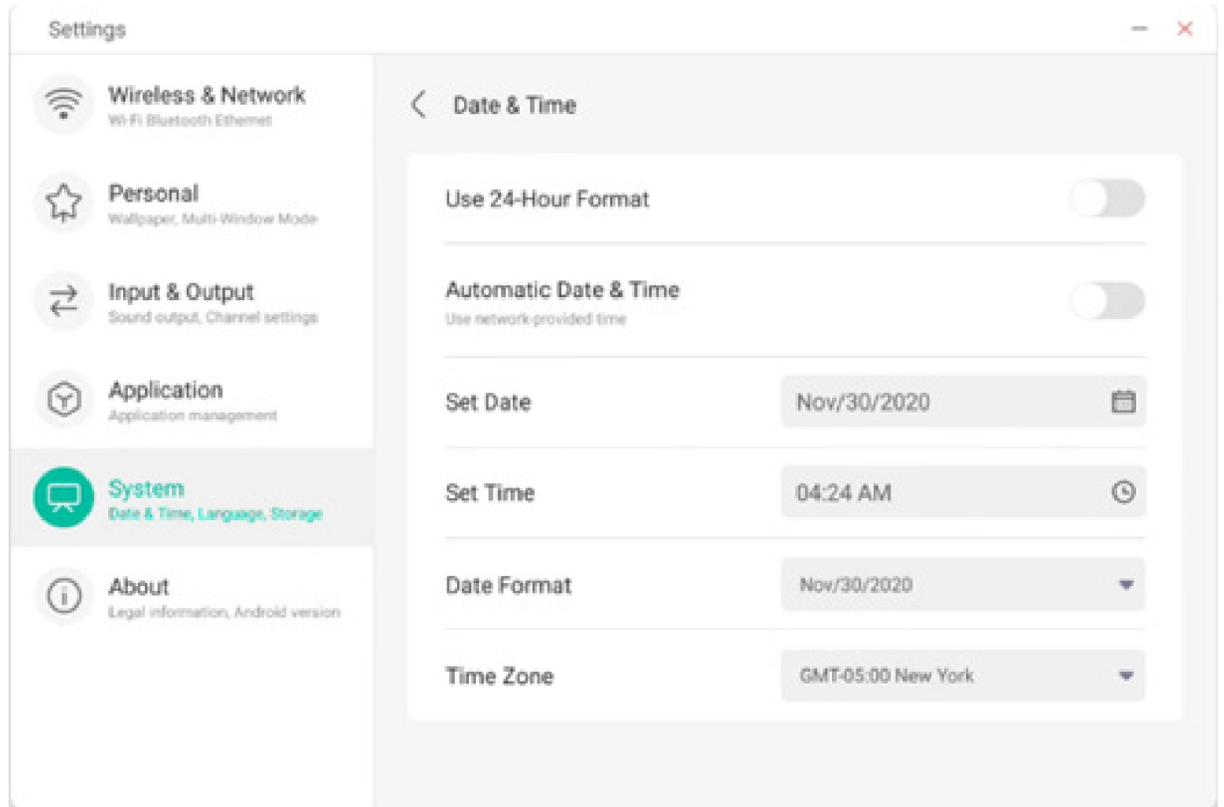
In the system module, you can set and view the system information of the whole machine, set the screen lock password, log in to the mailbox, connect to the remote and update the system.



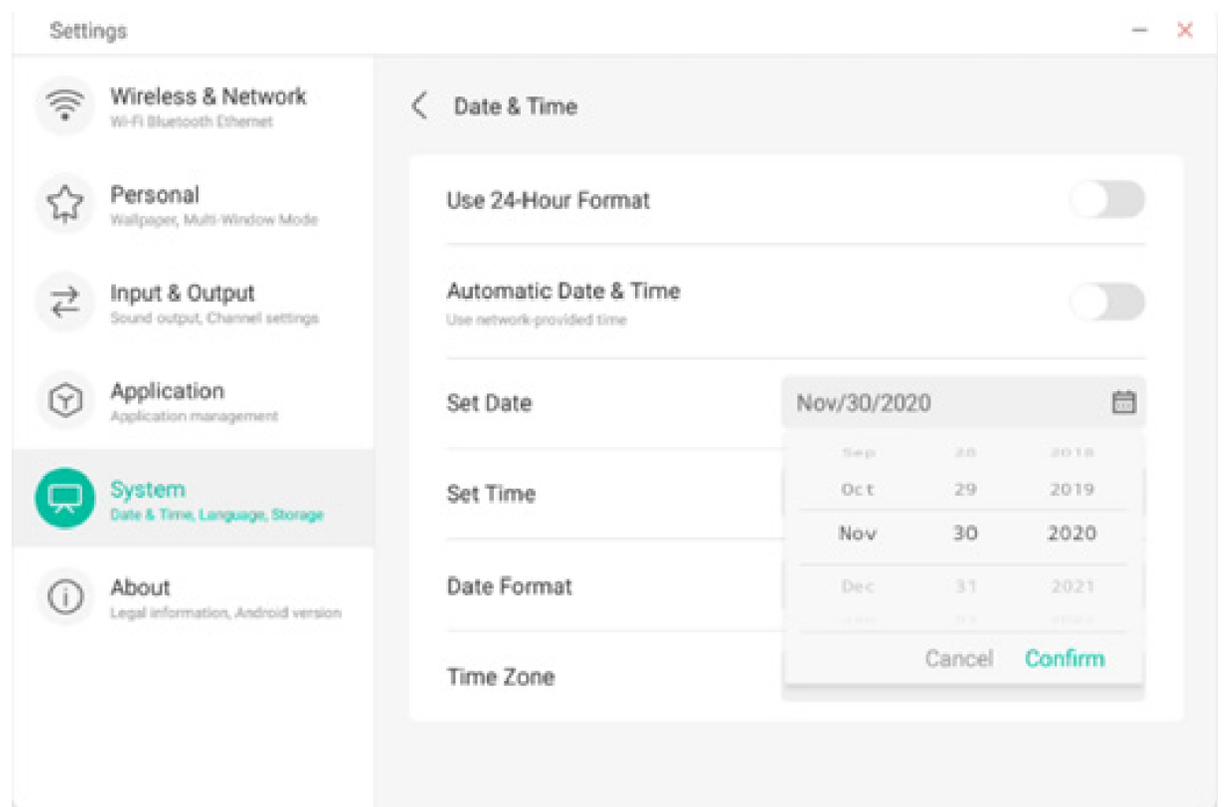
4.6.5.1 Date & Time

You can set whether the system uses 24-hour format and whether to automatically obtain network time. When the use of network time is turned off, the date, time, time format and time zone can be set. When the use of network time is turned on, you can only set the date and time format.

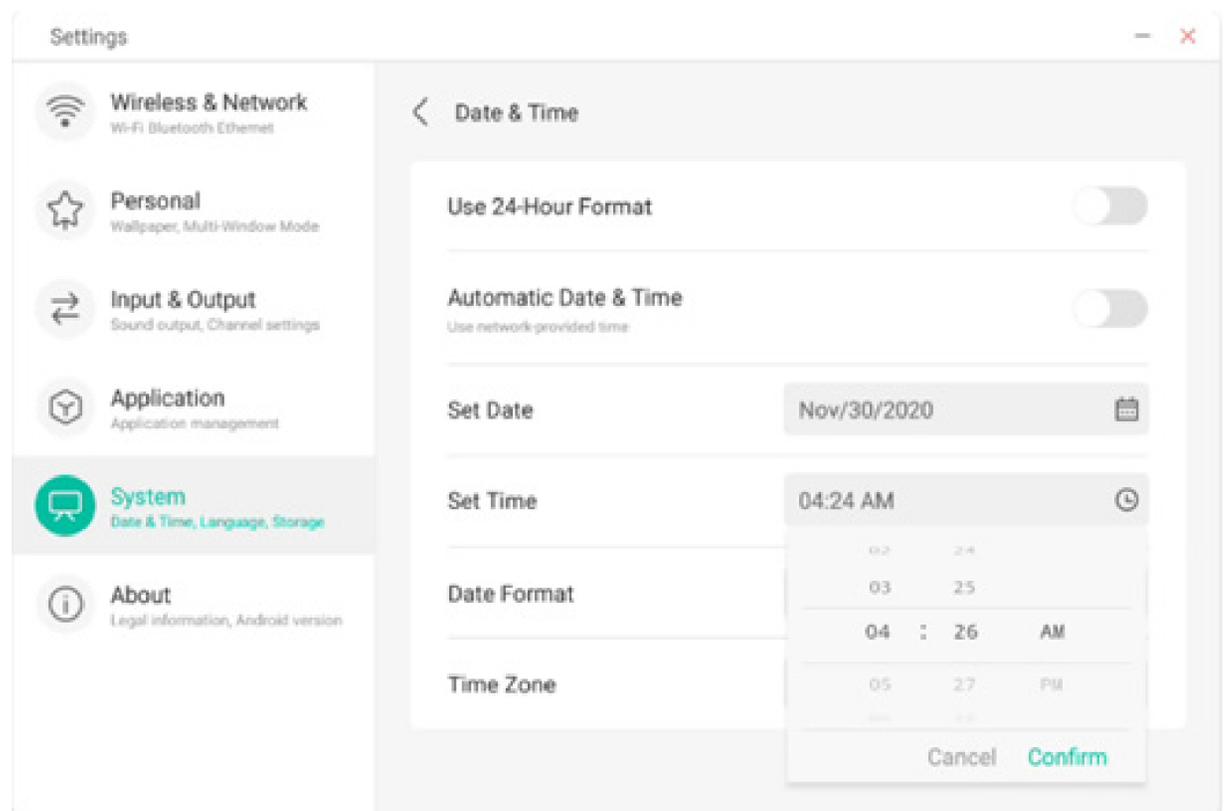




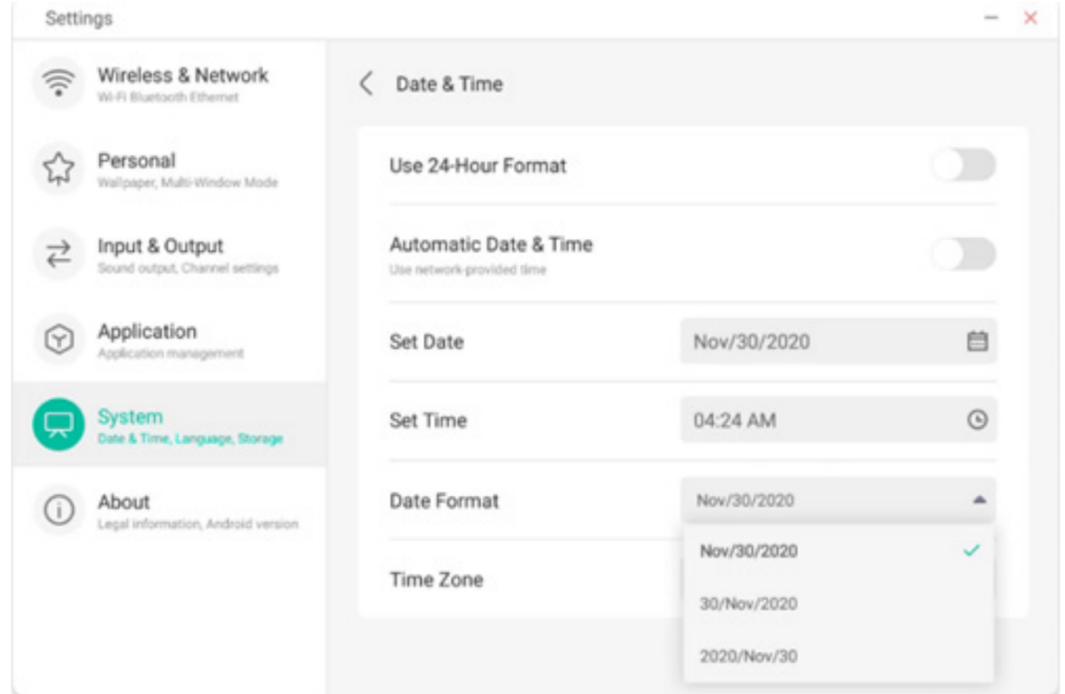
You can set the year, month and day of the system by setting the date



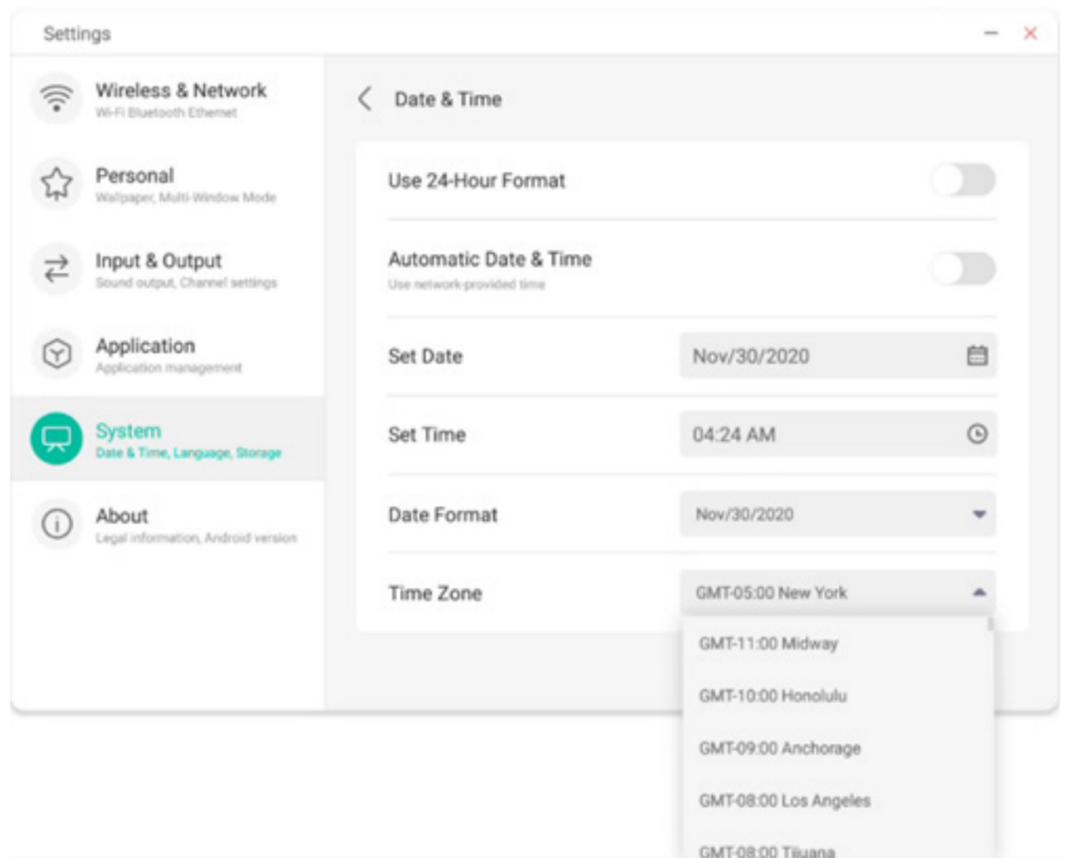
You can set the hour, minute, morning and afternoon of the system by time



You can set three date formats, such as month/day/year, day/month/year, year/month/day

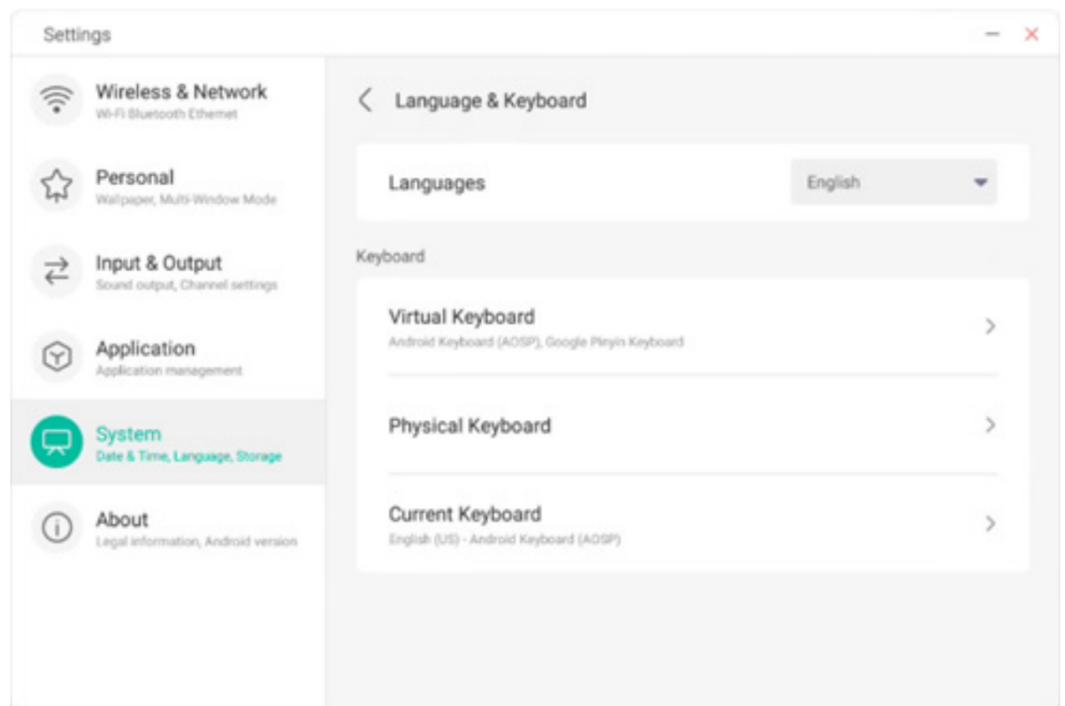


You can set the time zone, and the system has built-in time zones around the world.

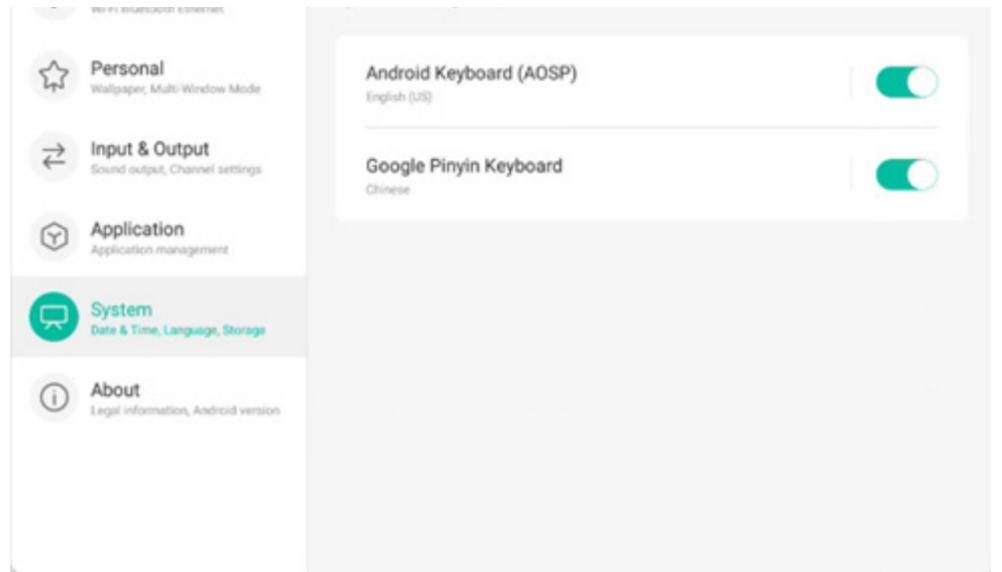


4.6.5.2 Language & Keyboard

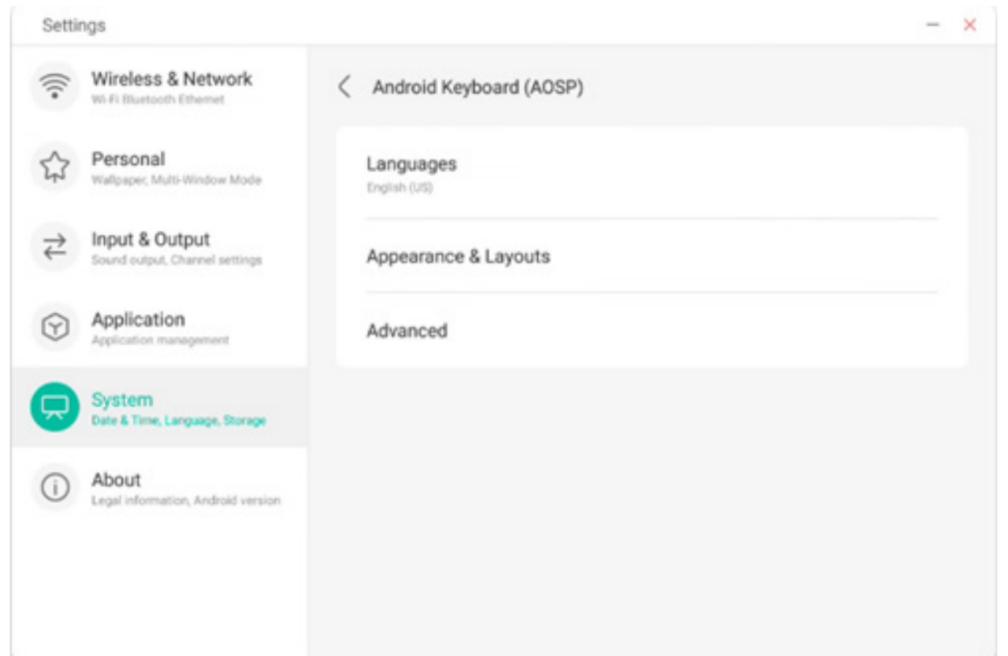
You can set the language in the language and keyboard modules. After setting the language successfully, the language of the whole system will be changed, because it needs to be adapted to the RTL language, setting the RTL language may result in changing the layout of some applications.



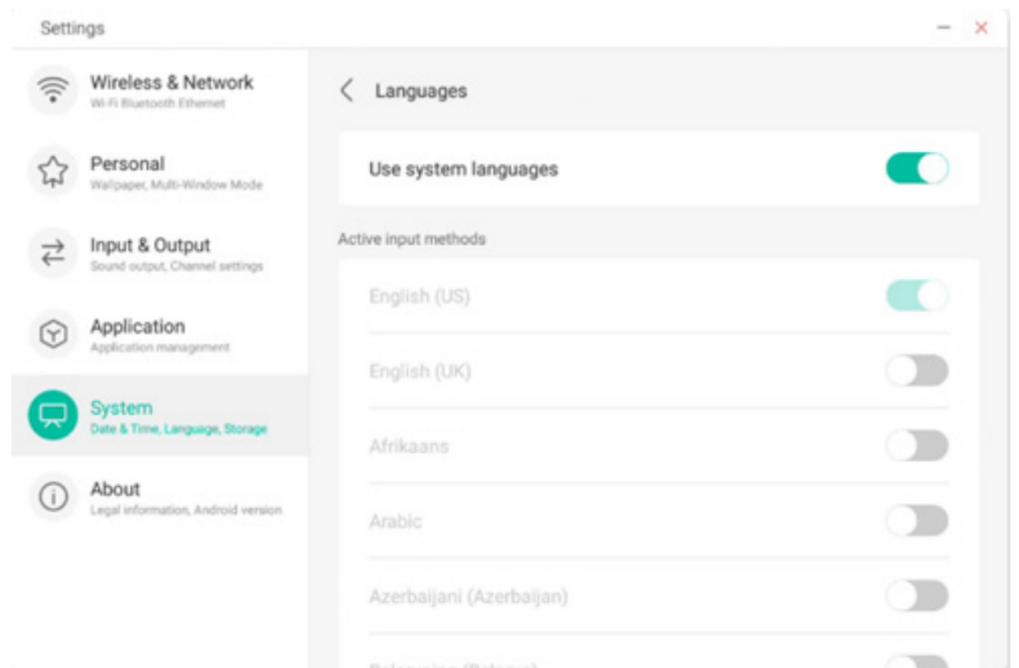
In the virtual keyboard module, you can view the input methods currently supported by the whole machine. Support Android native input method and Google Pinyin input method. The switch button on the right can be used to control the closing and opening of the input method.



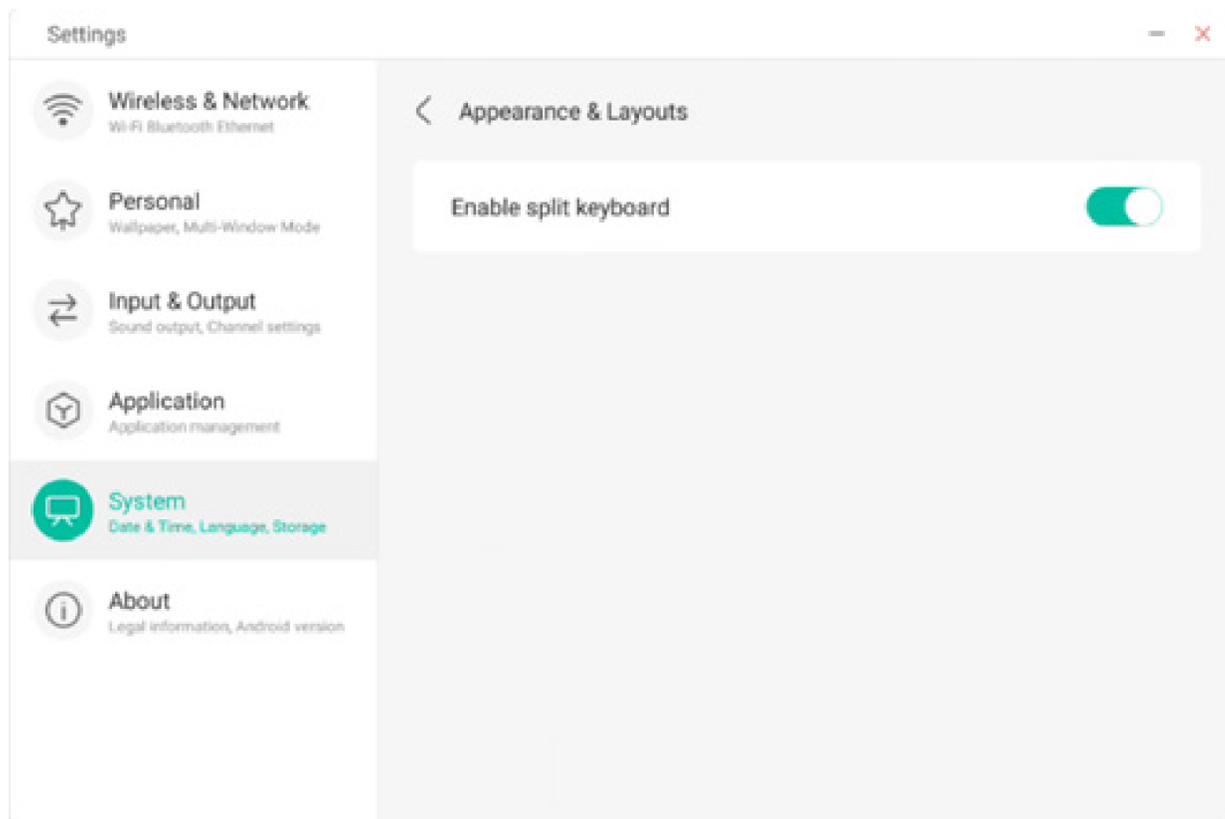
Android native input method can configure the language of the input method, appearance, layout and some advanced settings.



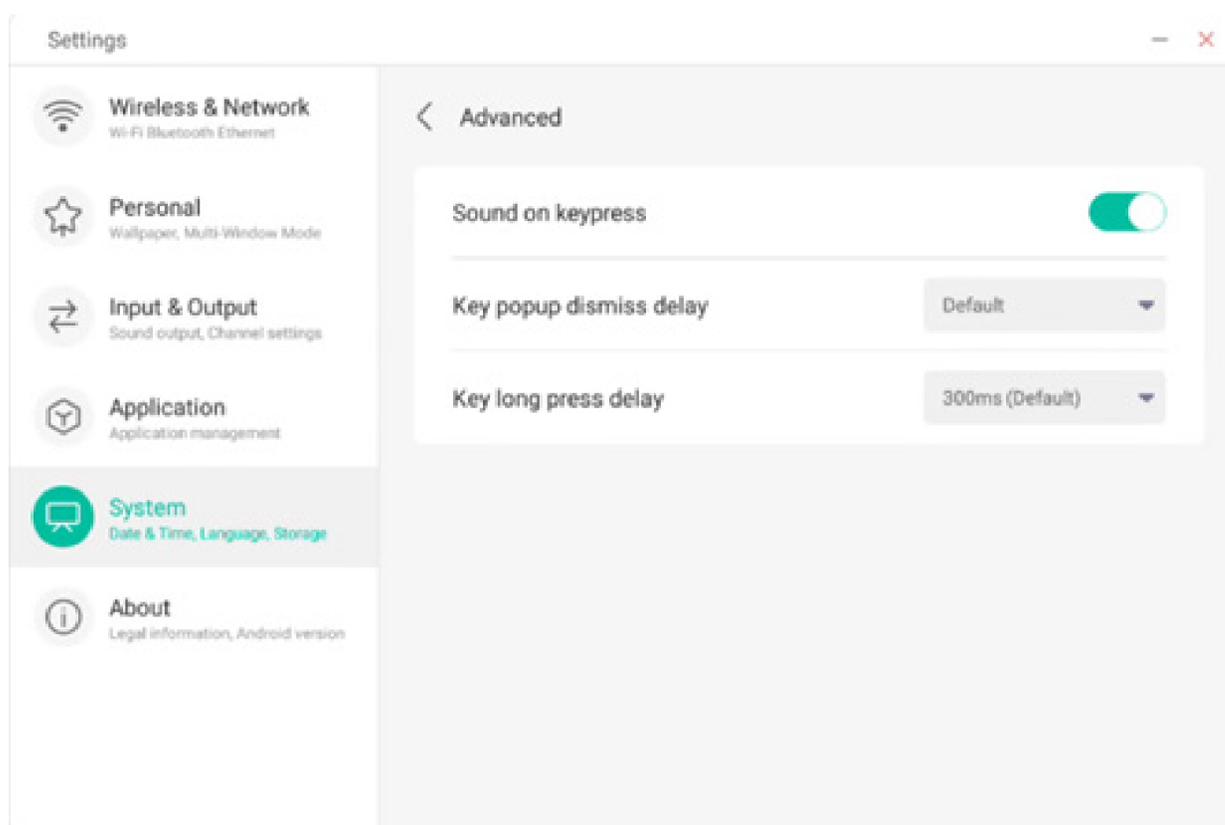
Android native input method uses the switch on the right to select the system language and deselect the system language. After deselecting the system language, you can configure the input method language through the input method language list below.



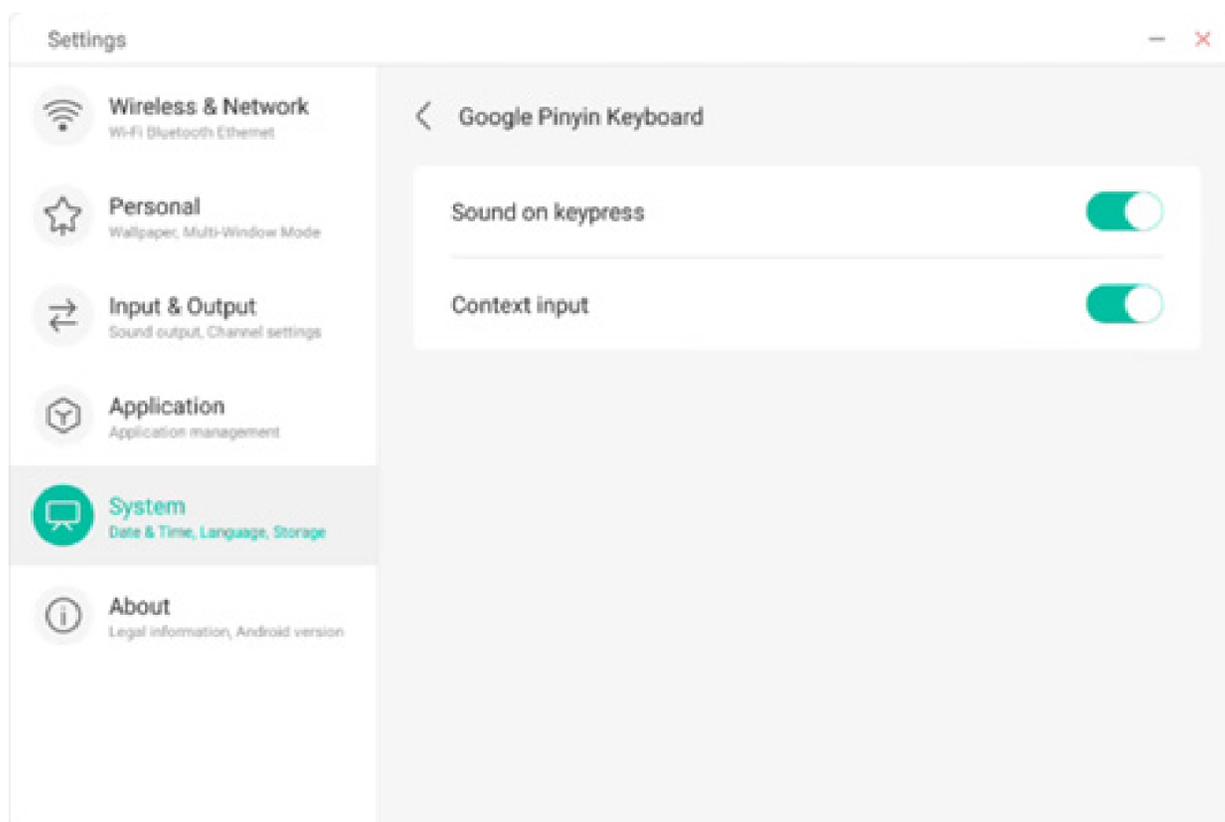
In the appearance and layout, you can configure whether to use a separate keyboard



In the advanced settings of the Android native keyboard, you can configure the key sound, keyboard pop-up delay and keyboard long-press delay

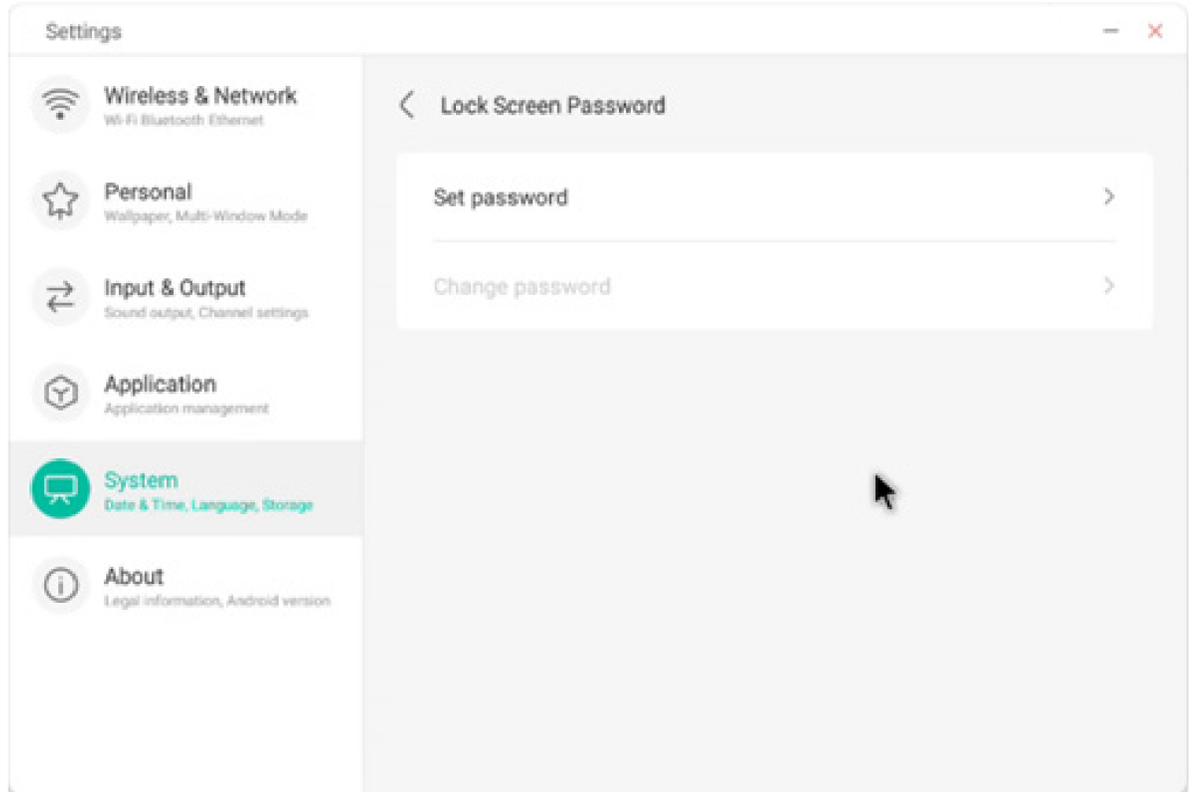


Google Pinyin keyboard has very few configurable things. Google Pinyin keyboard can be configured with key sound and association input

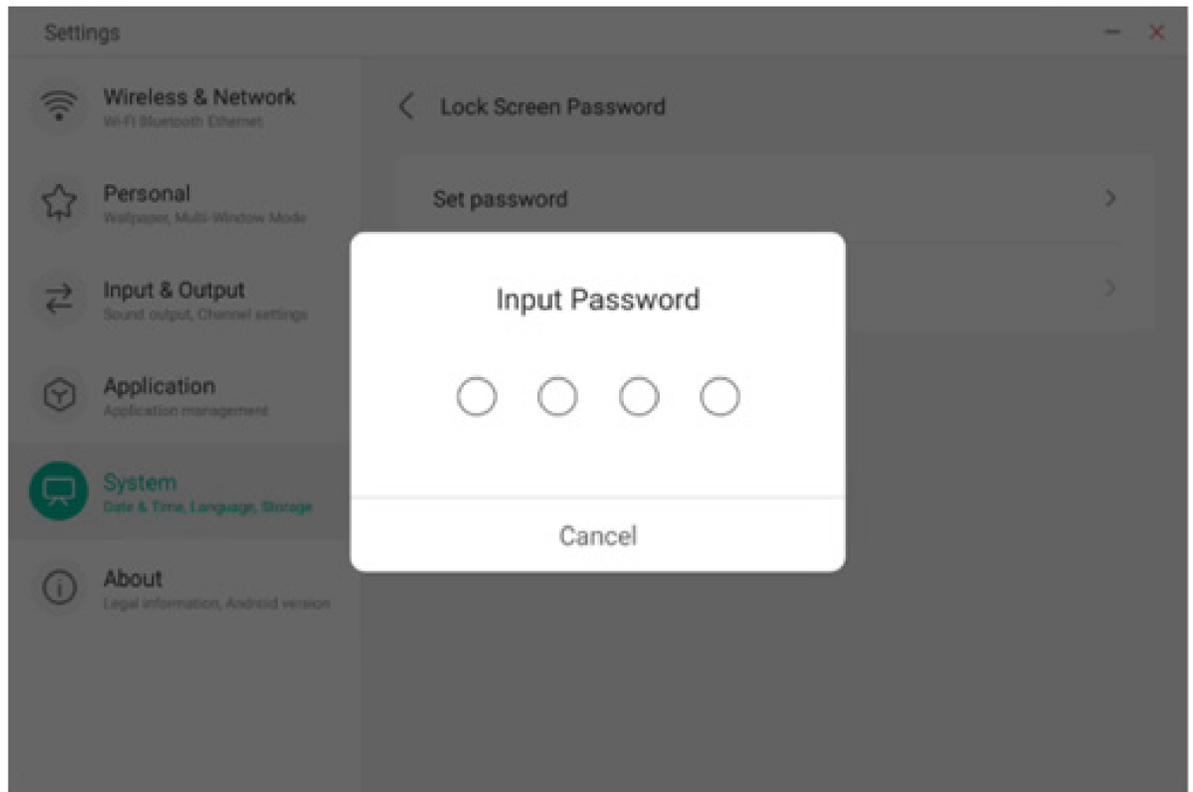


4.6.5.3 Lock Screen Password

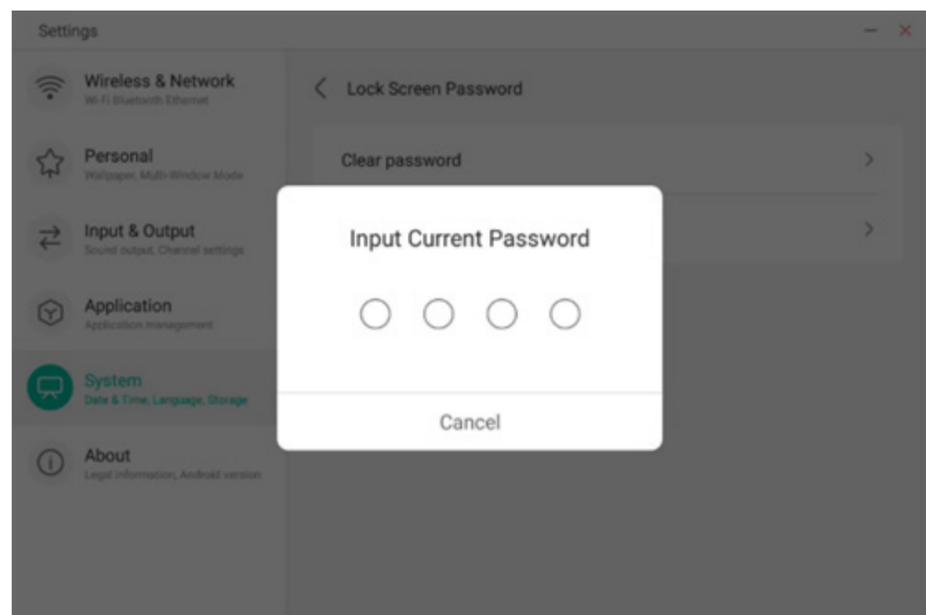
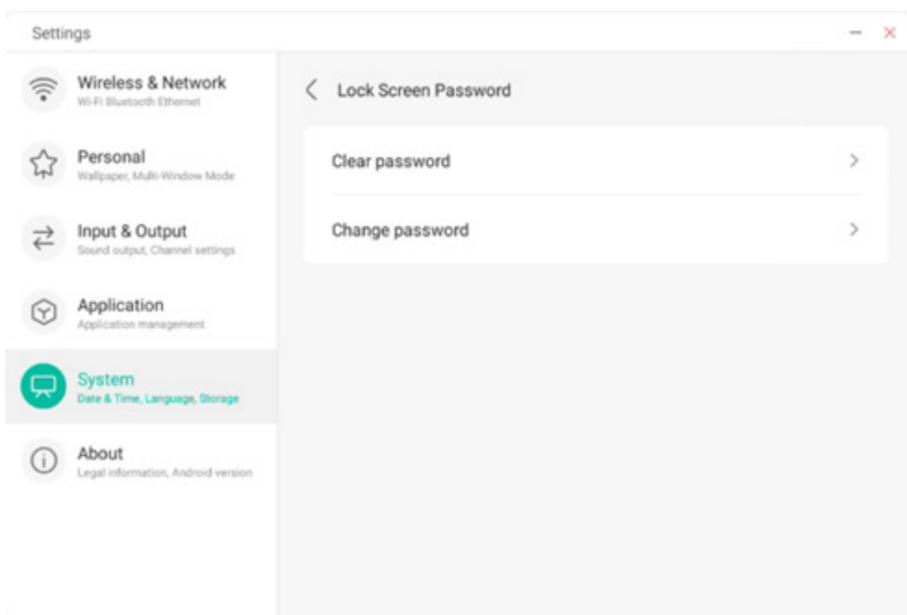
In the screen lock module, you can set the screen lock password, modify the screen lock password and clear the screen lock password. When the screen lock password is not set, only the operation of setting the screen lock password can be performed.



The screen lock password is 4 digits, you need to enter the password and confirm the password to set the screen lock password

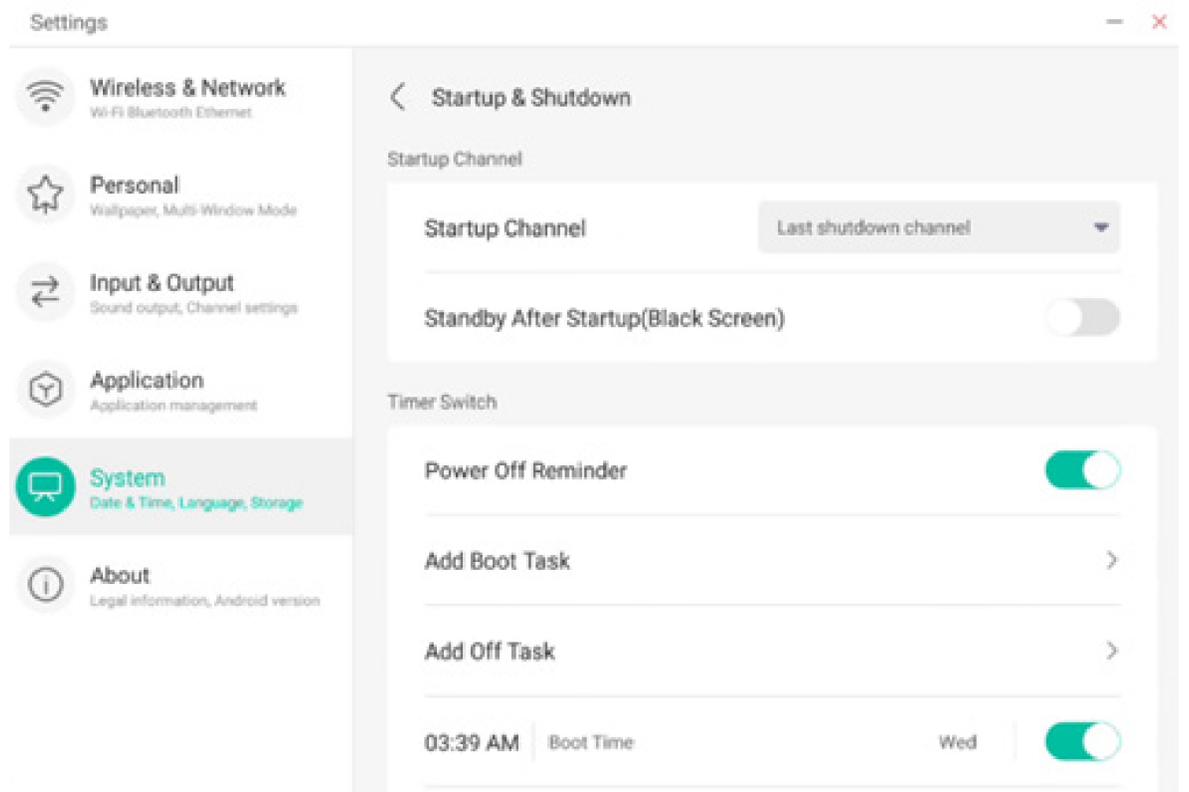


When the screen lock password is set, you can clear the screen lock password and change the screen lock password. To change the screen lock password, you need to enter the original screen lock password first, and you can reset the screen lock password after verification. To clear the screen lock password, you only need to enter the original screen lock password to clear it.

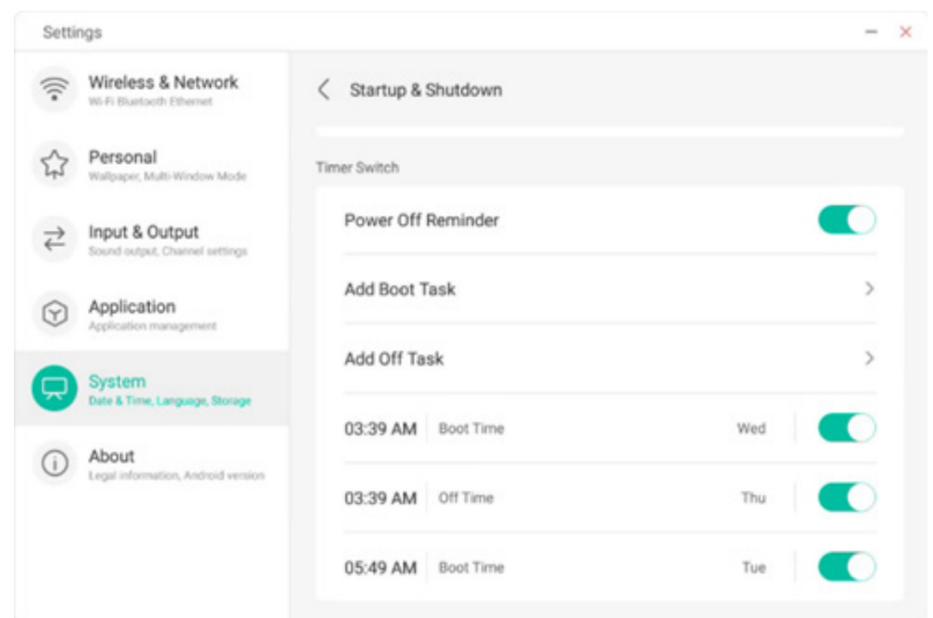
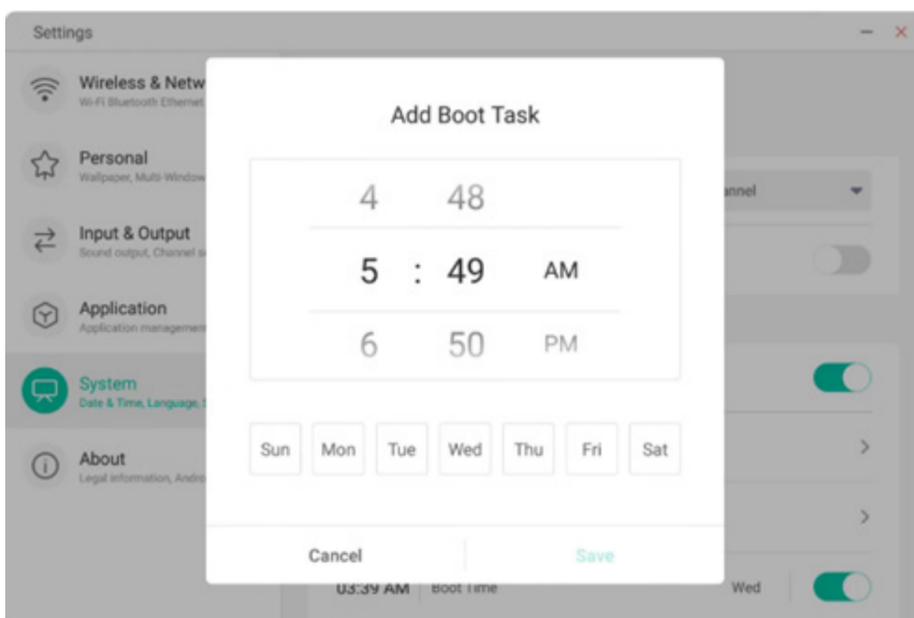
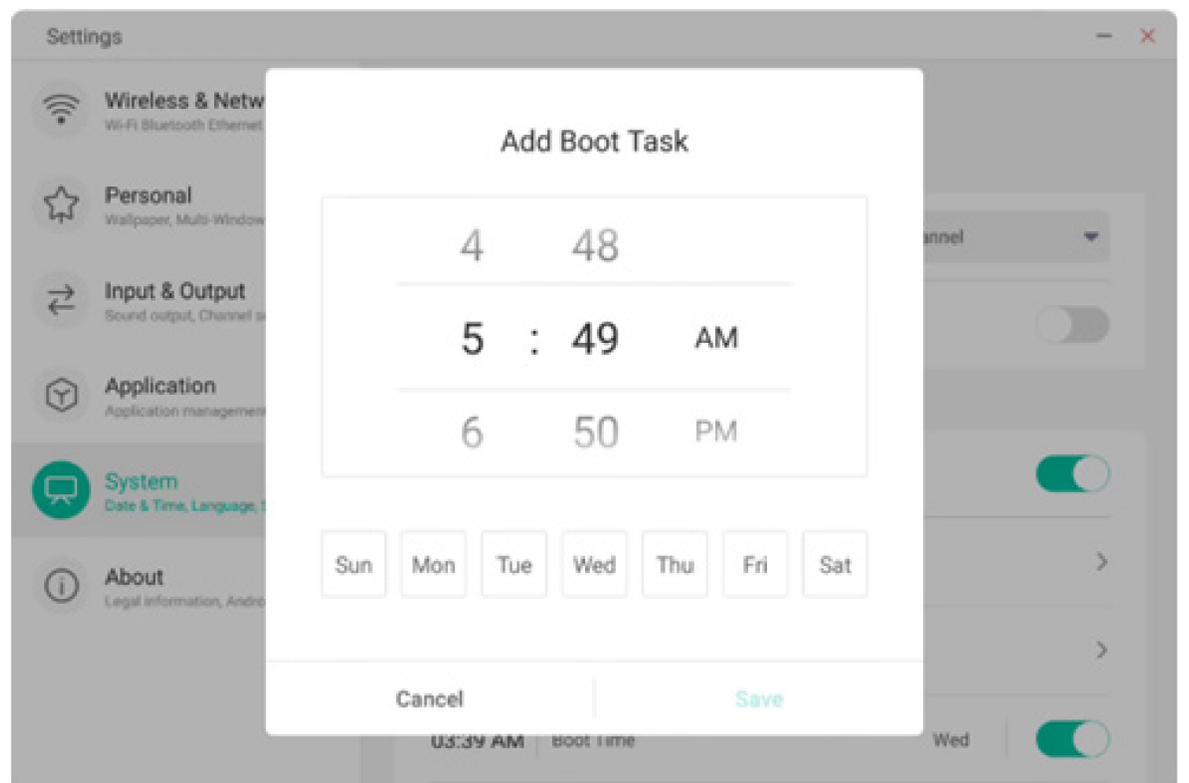


4.6.5.4 Startup & Shutdown

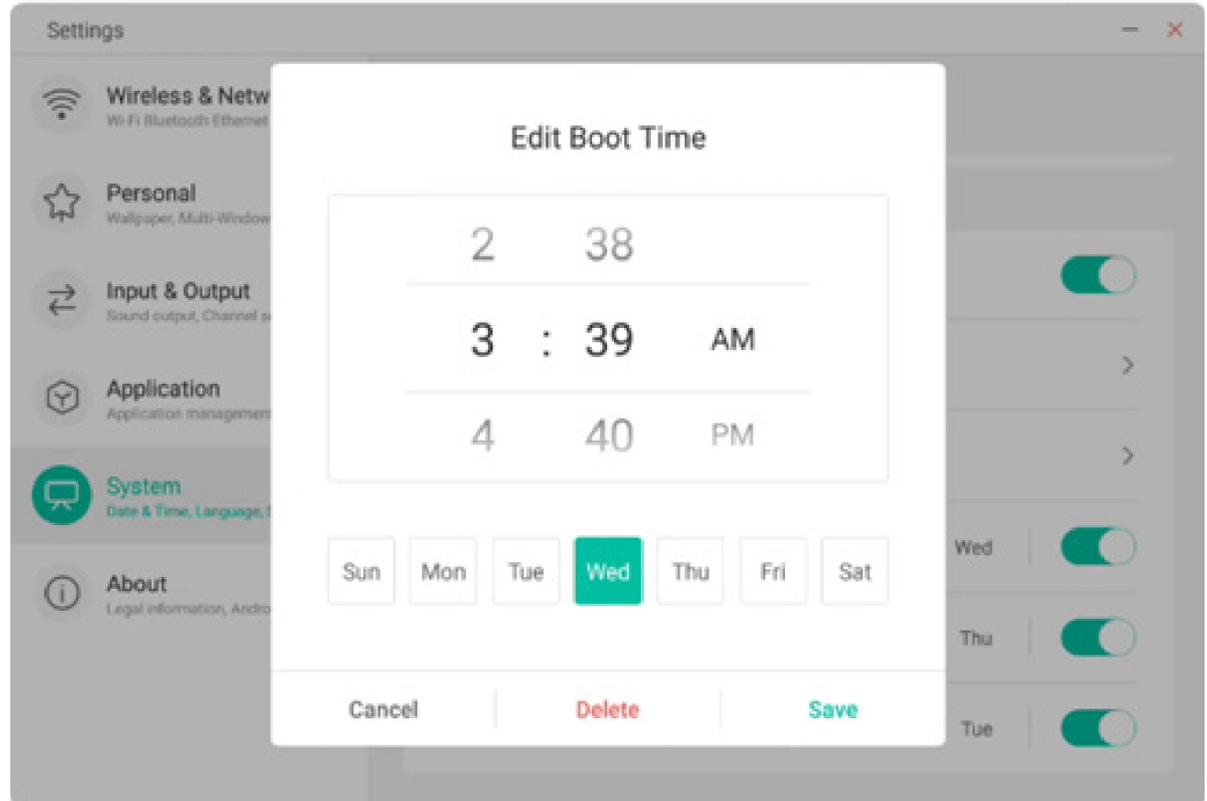
In the startup and shutdown module, there are the settings of the startup channel and the startup plan. You can set the channel that you enter when you turn on the computer, such as the channel that was turned off last time, the Android channel, HDMI1, HDMI2, HDMI3, and VGA channels supported by the whole machine. You can also set whether to enter standby (turn off the backlight) after booting.



In the startup plan, you can configure whether to pop up a shutdown reminder for shutdown, which is used to pop up a reminder after the scheduled shutdown reaches the time and perform a countdown. Users can add scheduled startup tasks and scheduled shutdown tasks for the whole machine. For the startup task and shutdown task, the user can also configure whether this task takes effect.

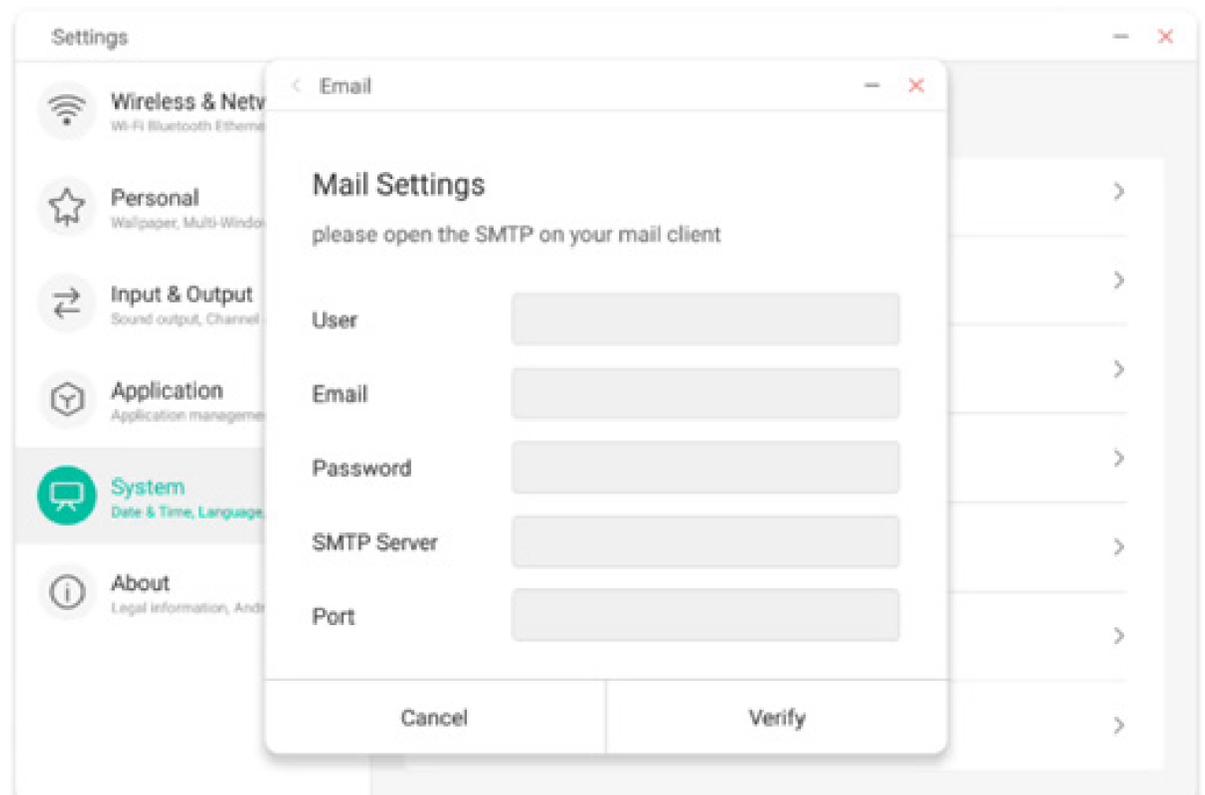


For the added startup tasks and shutdown tasks, the user can also modify these tasks or delete tasks.



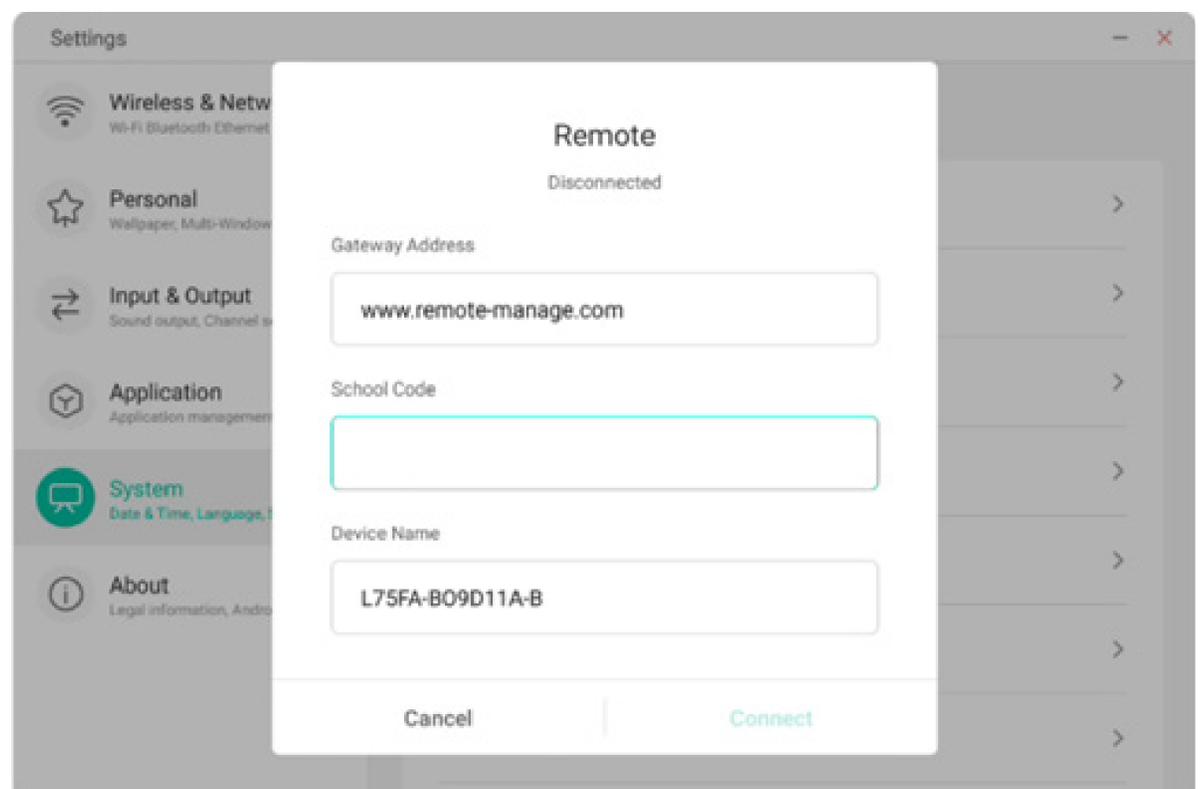
4.6.5.5 Email

In the mailbox module, users can log in to their own mailbox account, which supports SMTP protocol.



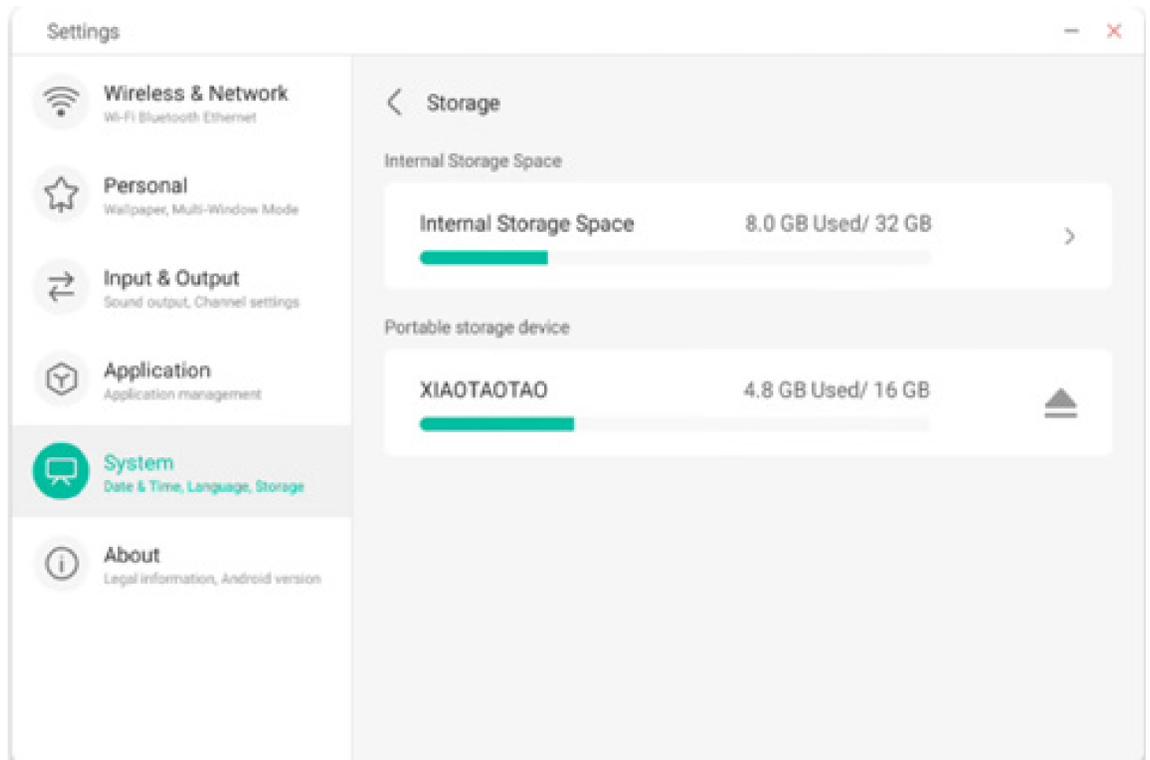
4.6.5.6 Remote

In the Remote module, users can connect to the Remote Web system. The whole device can be operated in batches through the Remote Web system.

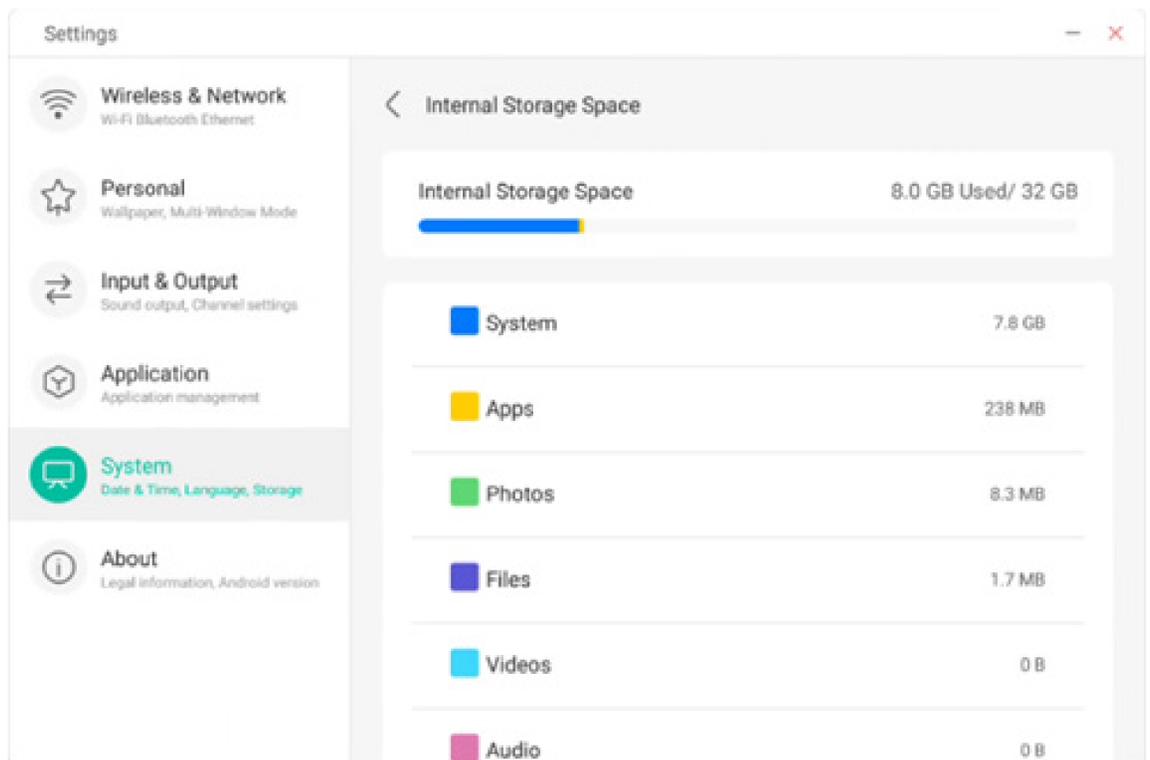


4.6.5.7 Storage

The memory module lists the memory areas that exist on the whole machine, including internal storage space and portable storage devices. Of course, the prerequisite for the display of a portable storage device is that the device must be inserted (such as a U disk). The user can eject the portable storage device through the icon 

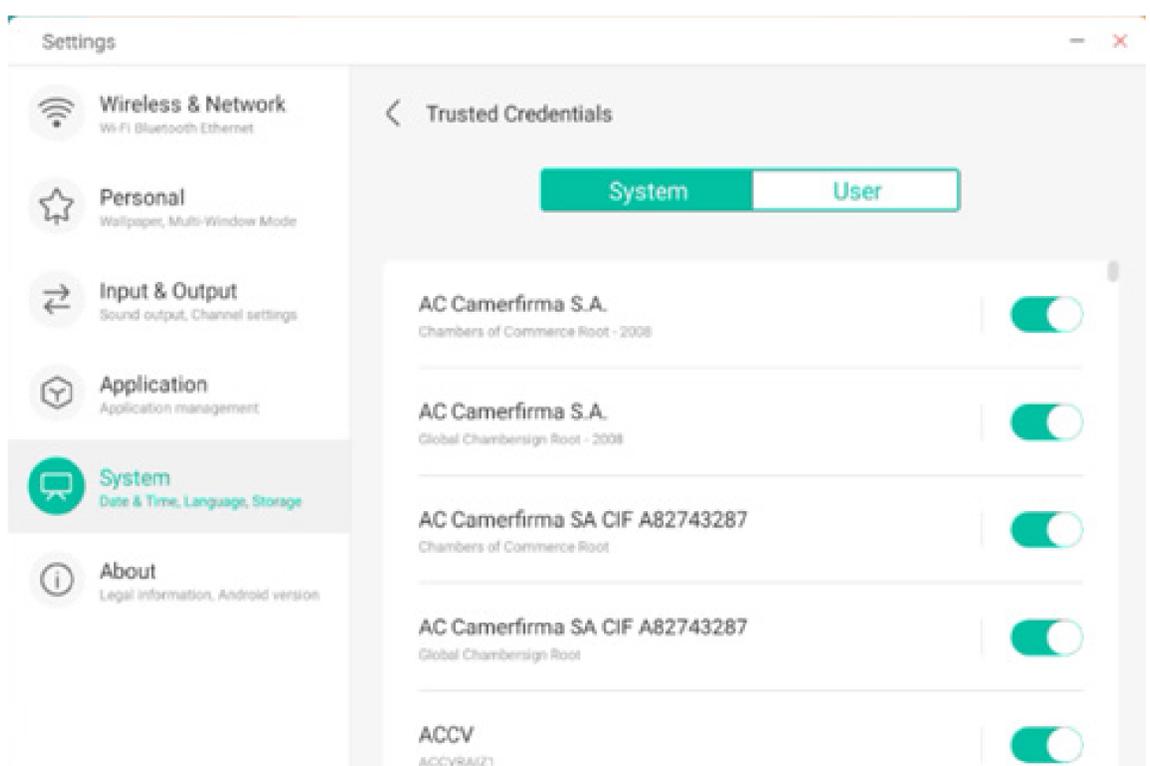


The internal storage space lists the memory usage of the whole machine, including the memory usage of System, Apps, Photos, Files, Videos, Audio and Others.

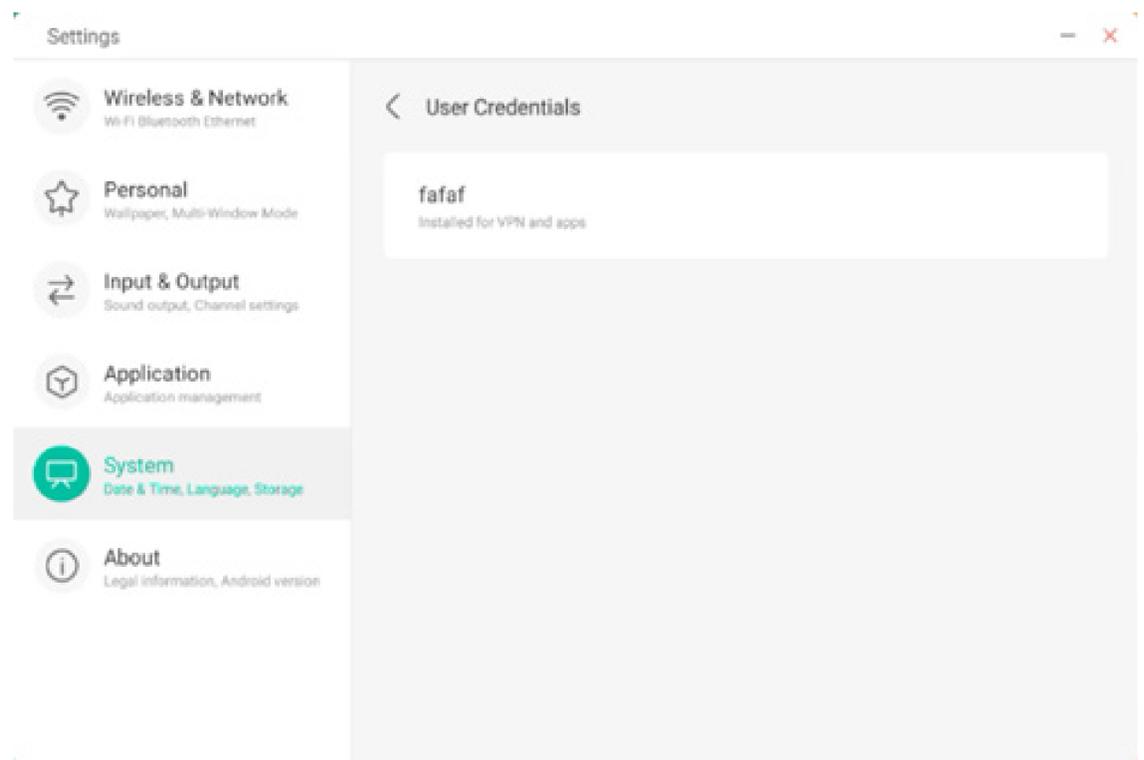


4.6.5.8 Security

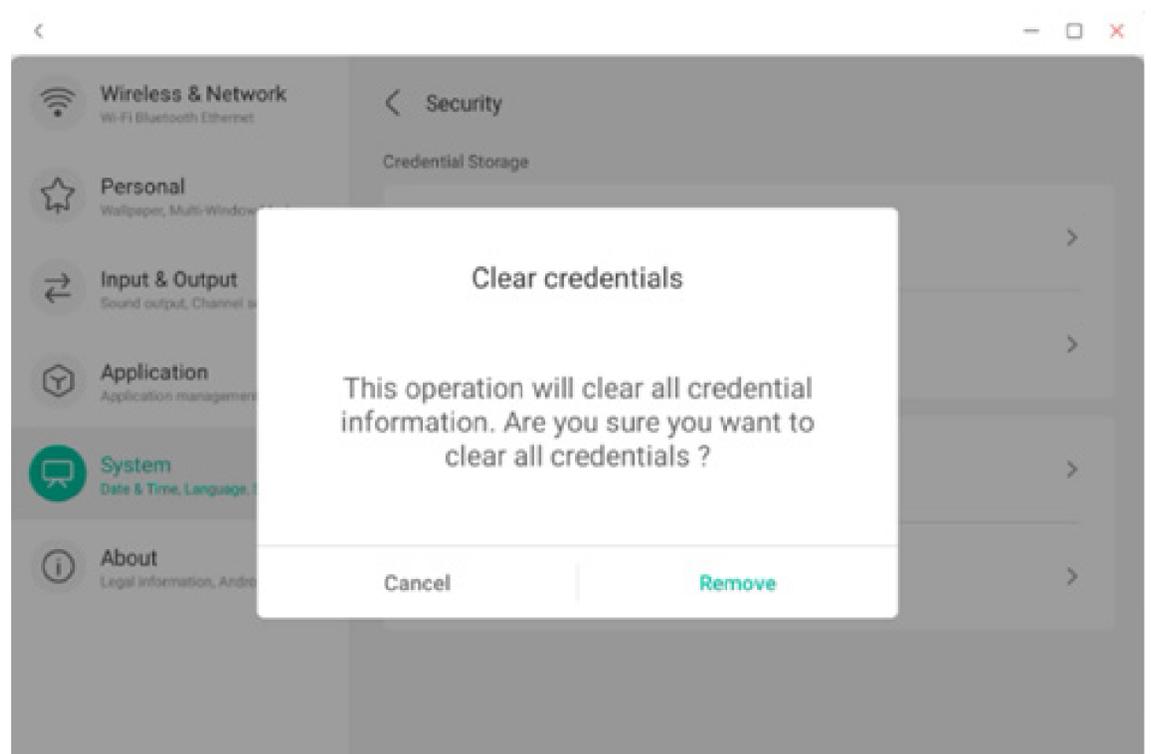
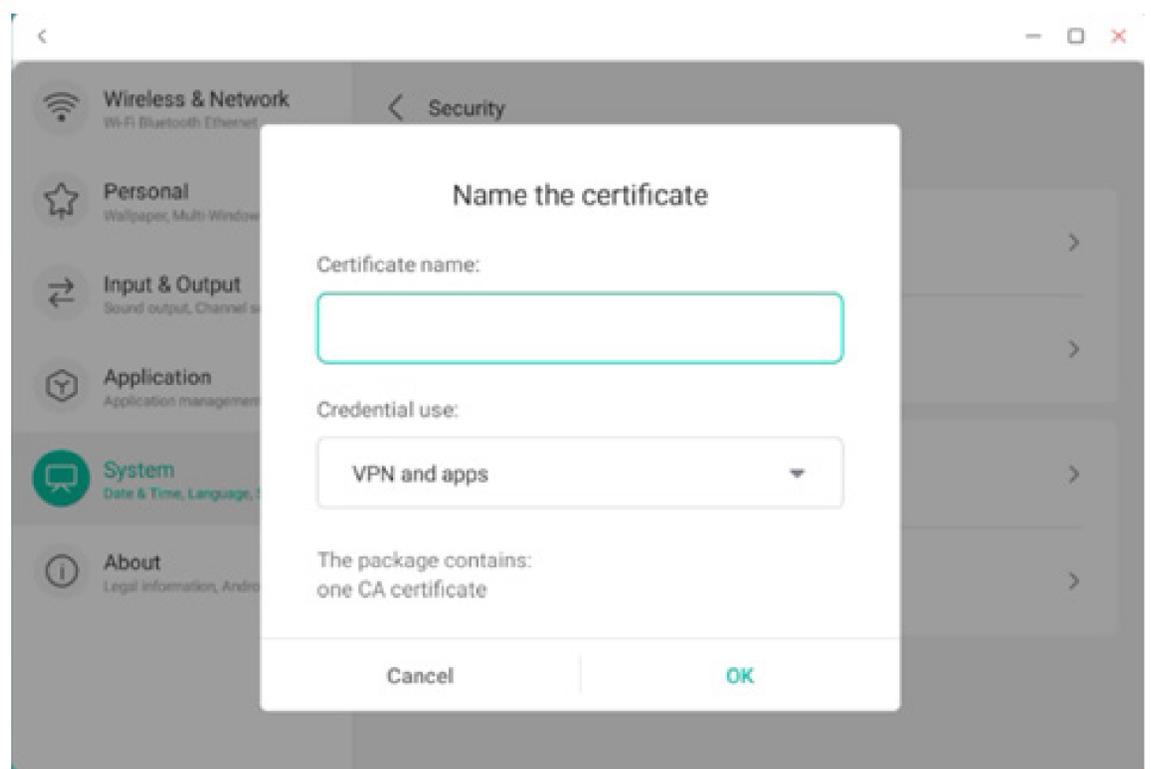
You can view all trusted system and user certificates, and you can control the enabling status of these certificates and see the details of each certificate.



Here are the certificates installed by the users themselves. You can also manage to remove these certificates.

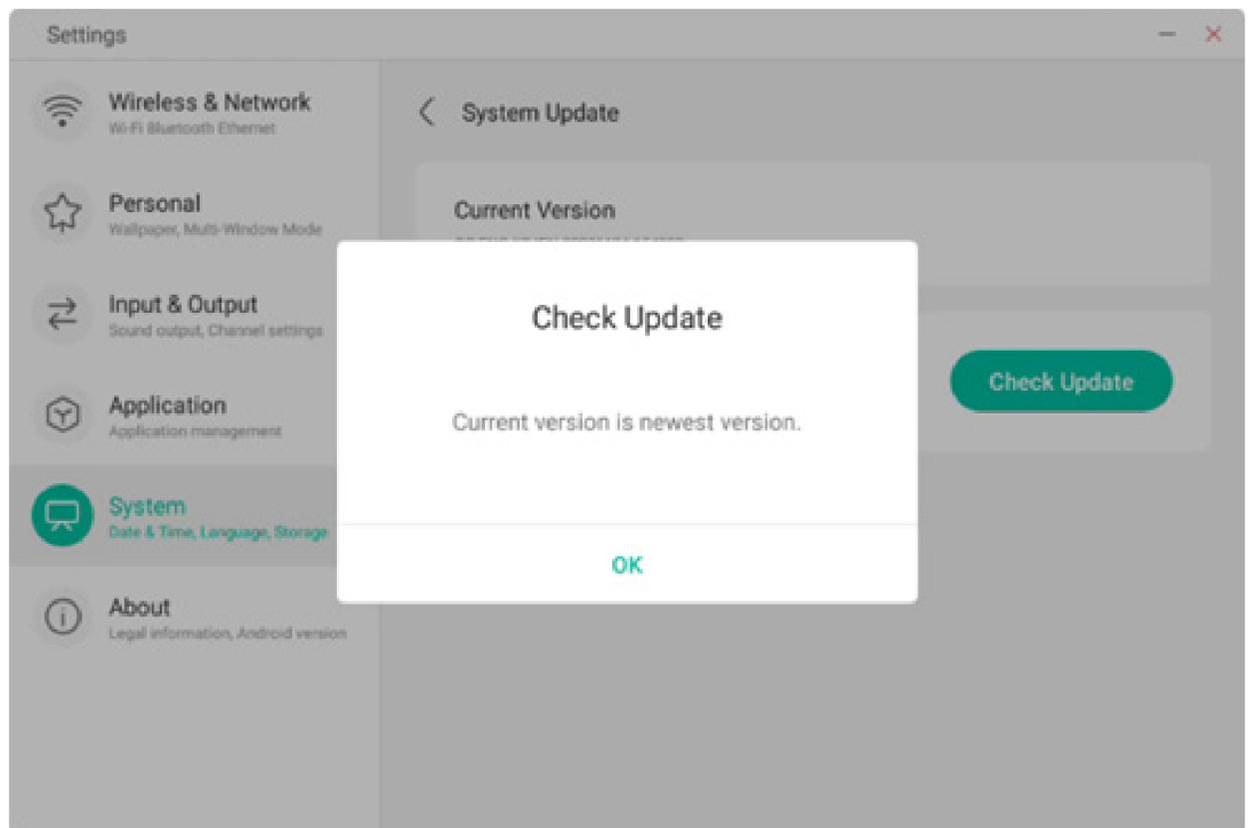
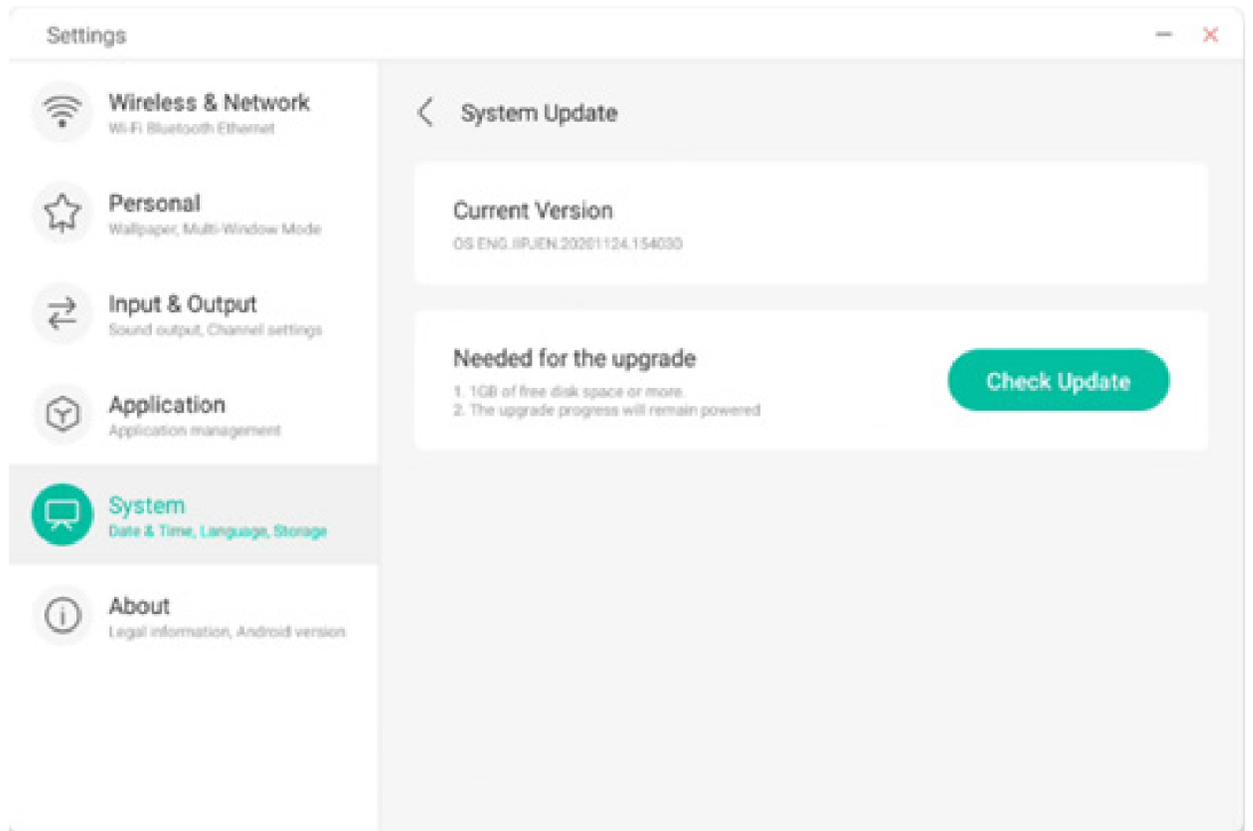


The following operation path is to install the certificate and clear all certificates of the device. You can add or remove the certificate at these entrances as needed.



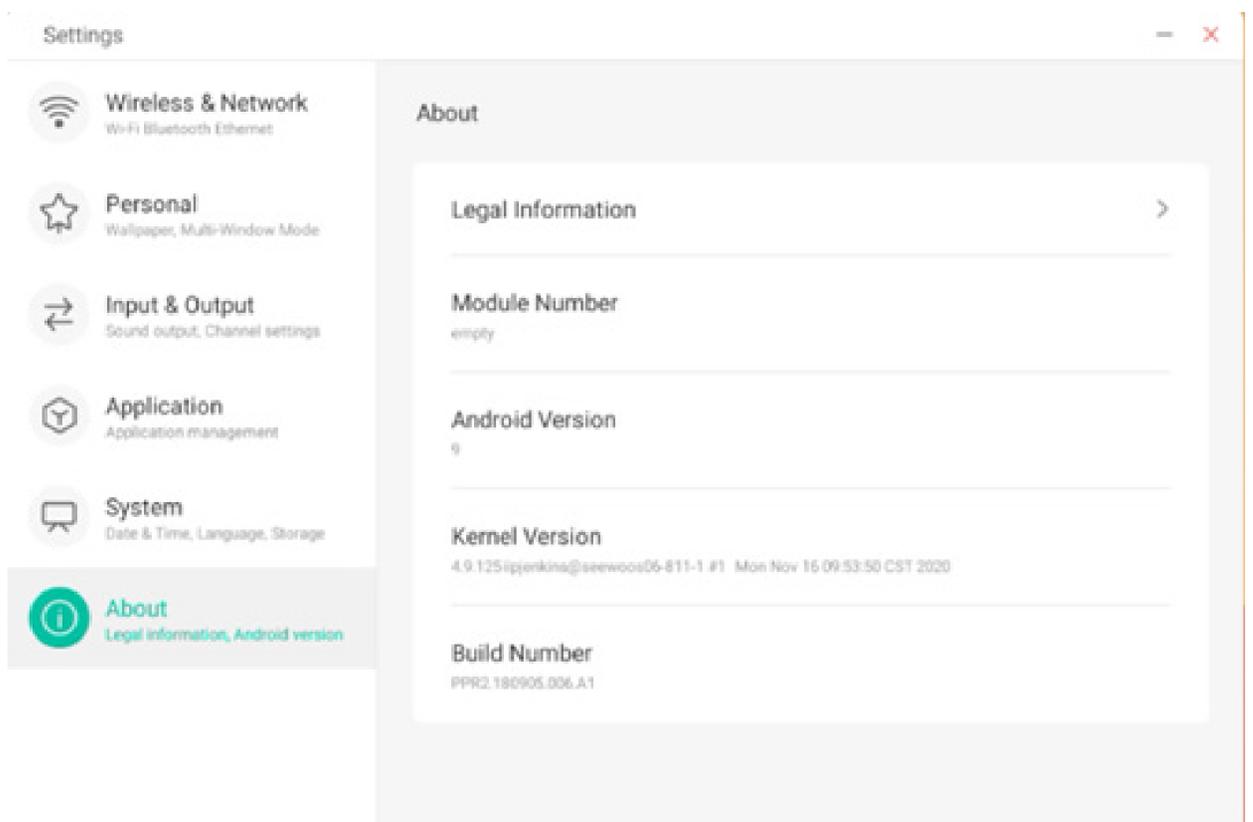
4.6.5.9 System Update

In the system update module, users can view the current system version information and system update status. If a new system is released, the Check Update button can be used to detect the update and download the new system for update operation.



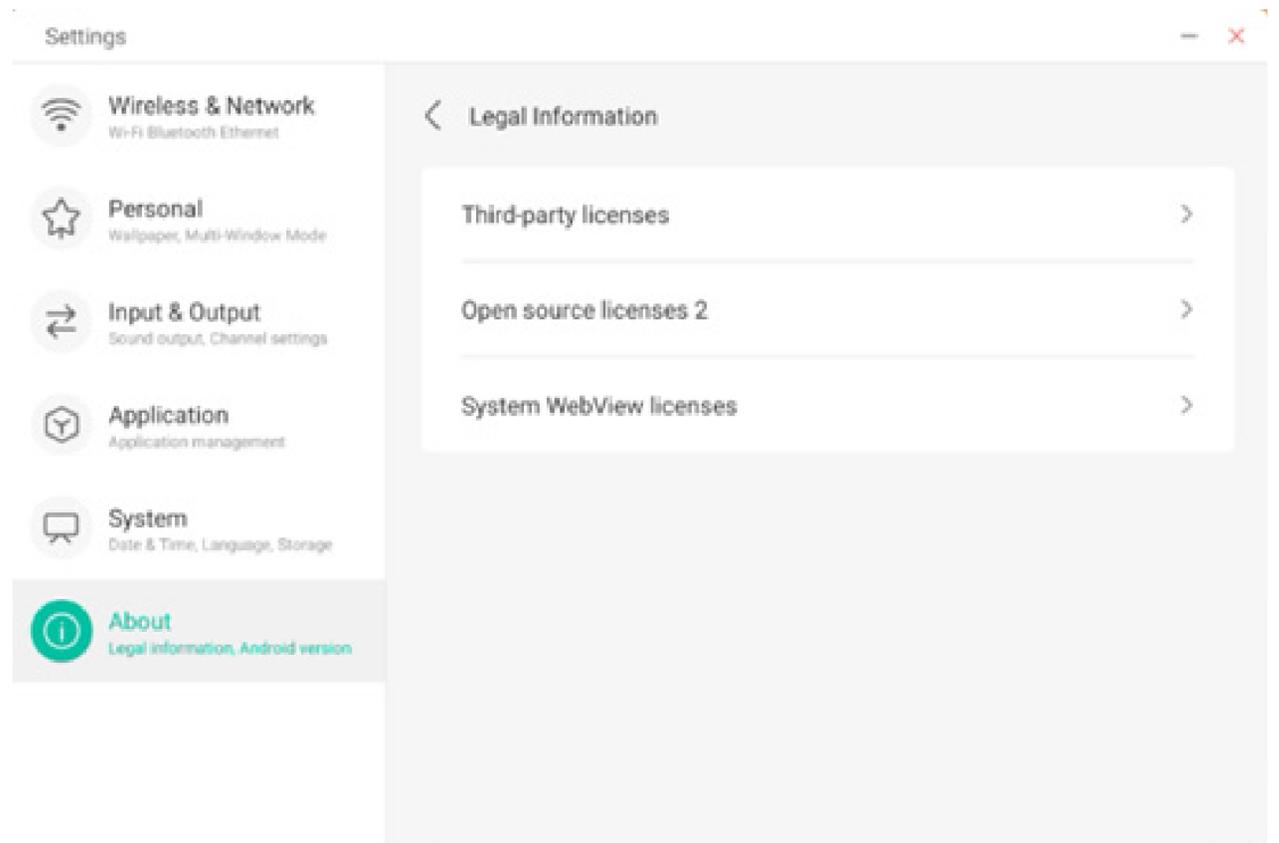
4.6.6 About

You can view the version information of the device.



4.6.6.1 Legal Information

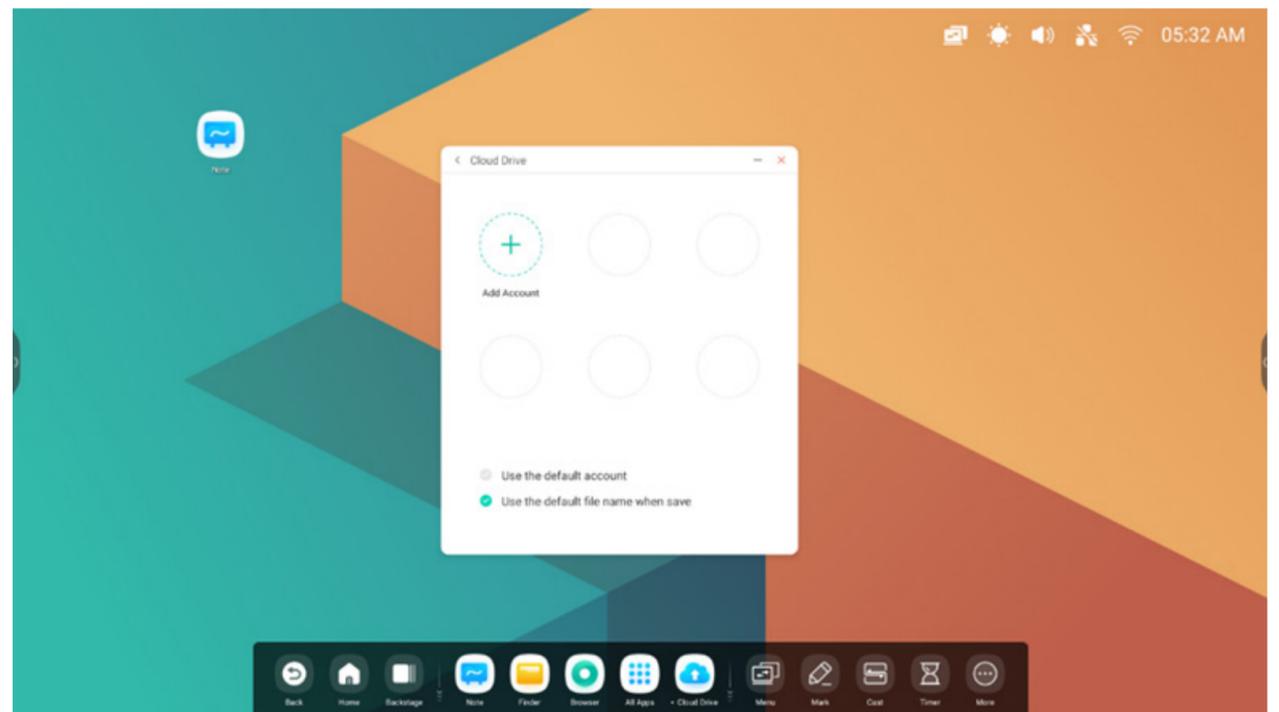
You can check the legal information.



4.7 Cloud Drive

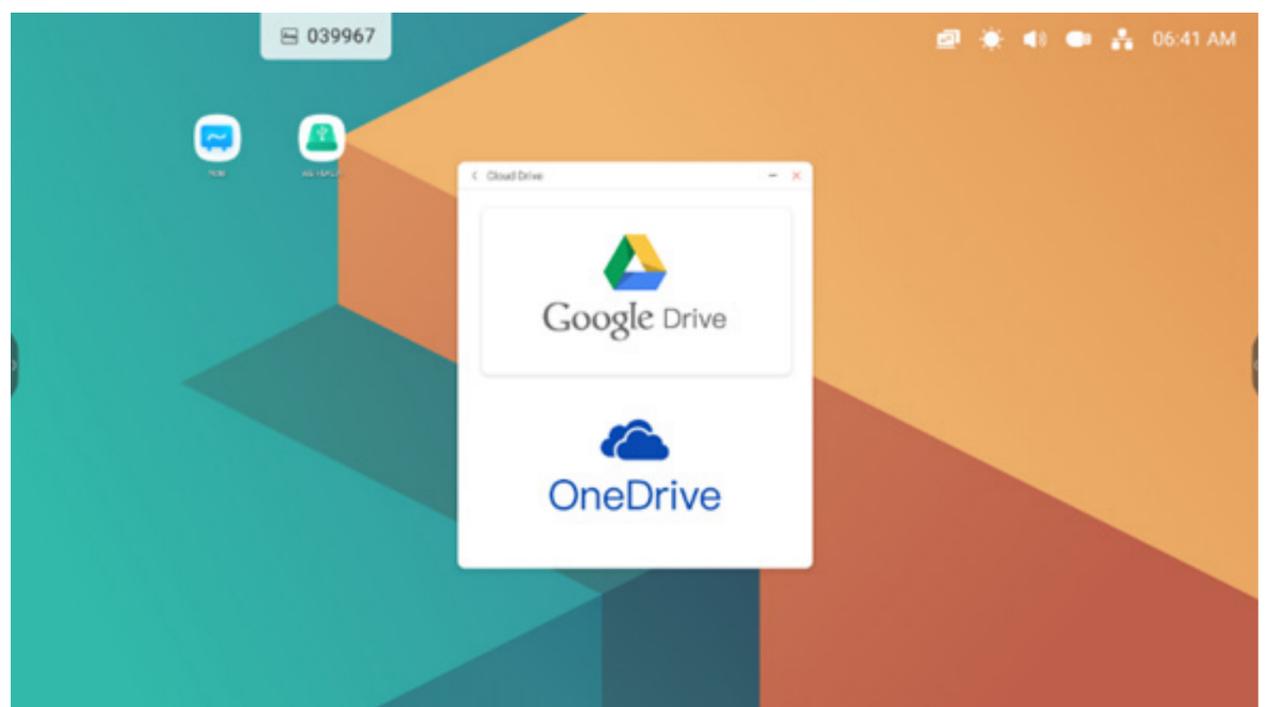


to open the Cloud Drive.



4.7.1 Add Account

Click  to add account, then you can choose the Drive Type



4.7.2 Use the Default Account

- Use the default account

Select "Use the default account" to set the default account.

4.7.3 Use The Default File Name When Save

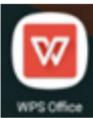
- Use the default file name when save

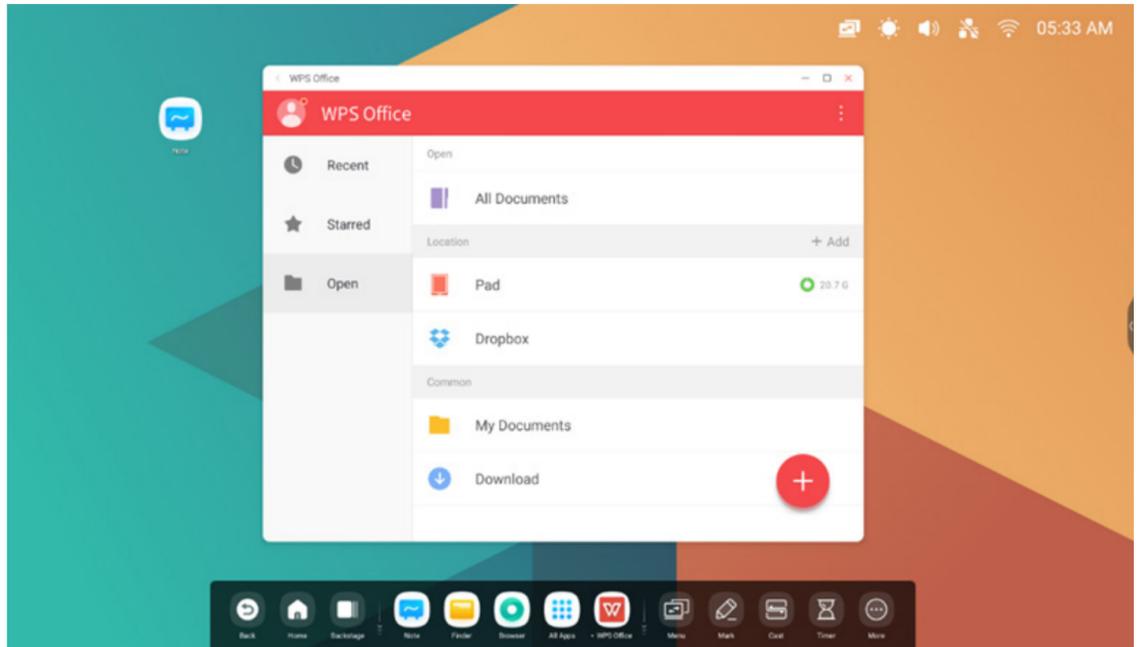
Select 'Use the default file name when save'!



Default name like year-month-day-hour-minute-second.

4.8 WPS Office

 to open the WPS.

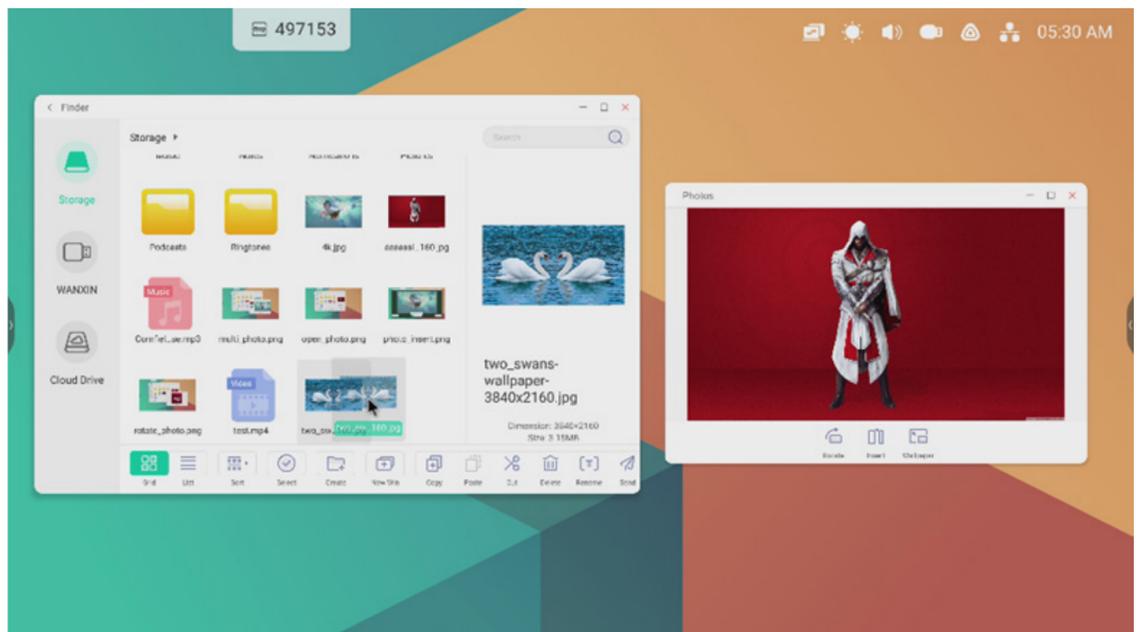


4.9 Photo

(1) select a picture to open the Photos.



(2) drag a picture from finder to the Photos, and it will open the picture



the  button, the current picture will be rotated by 90 degree.

the  button, it will insert the current picture into the Note app.

the  button, it will set the current picture as wallpaper.

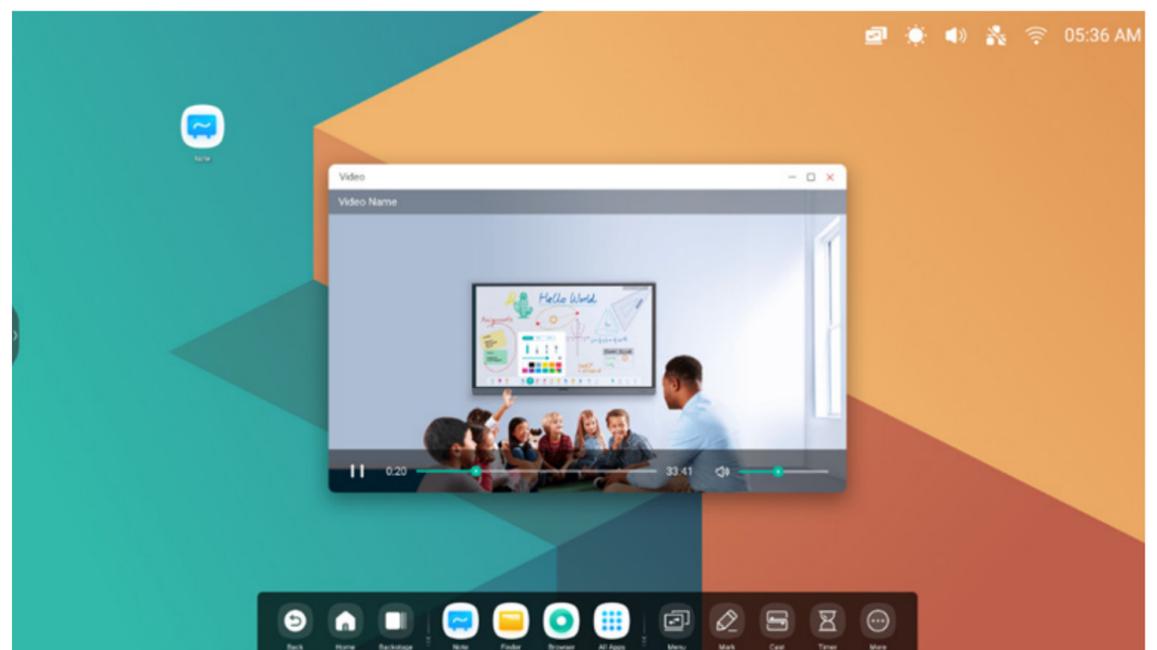
4.10 Music

music file to open the Music.

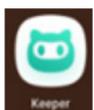


4.11 Video

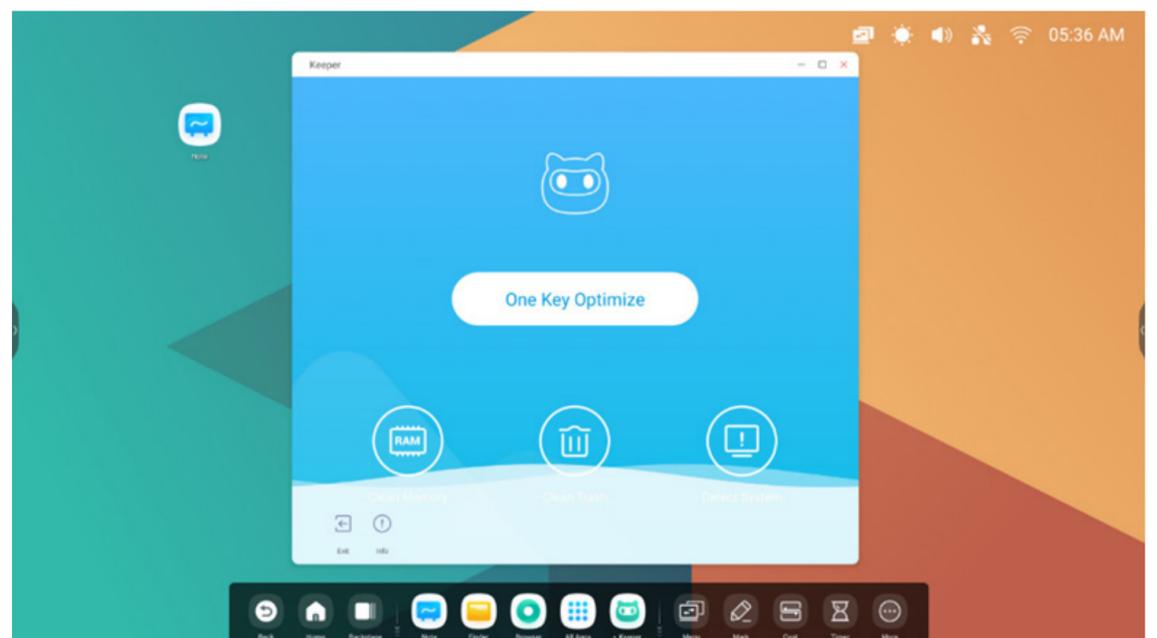
video file to open the Video.



4.12 Keeper



to pop out the Keeper interface as shown below. You can perform memory optimization, garbage clean and system detection on the intelligent tablet computer.



4.12.1 One Key Optimize

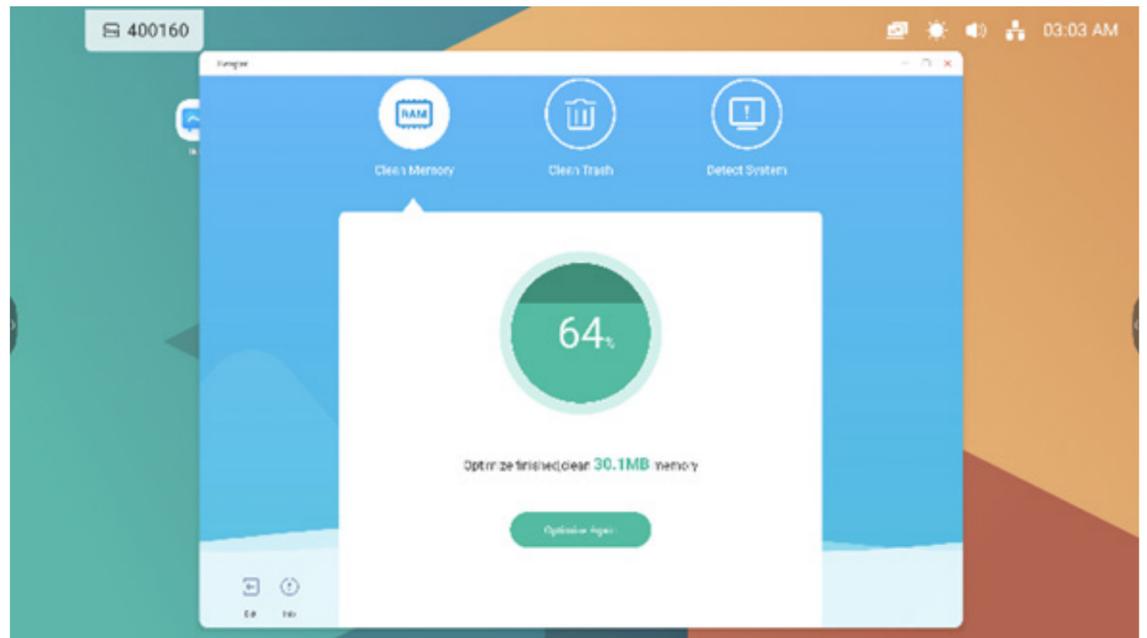
One Key Optimize.  to optimize memory , clean the disk garbage and detect your system in one key.

4.12.2 Clean Memory



to optimize the memory.

Press "Optimize Again" to optimize memory again.

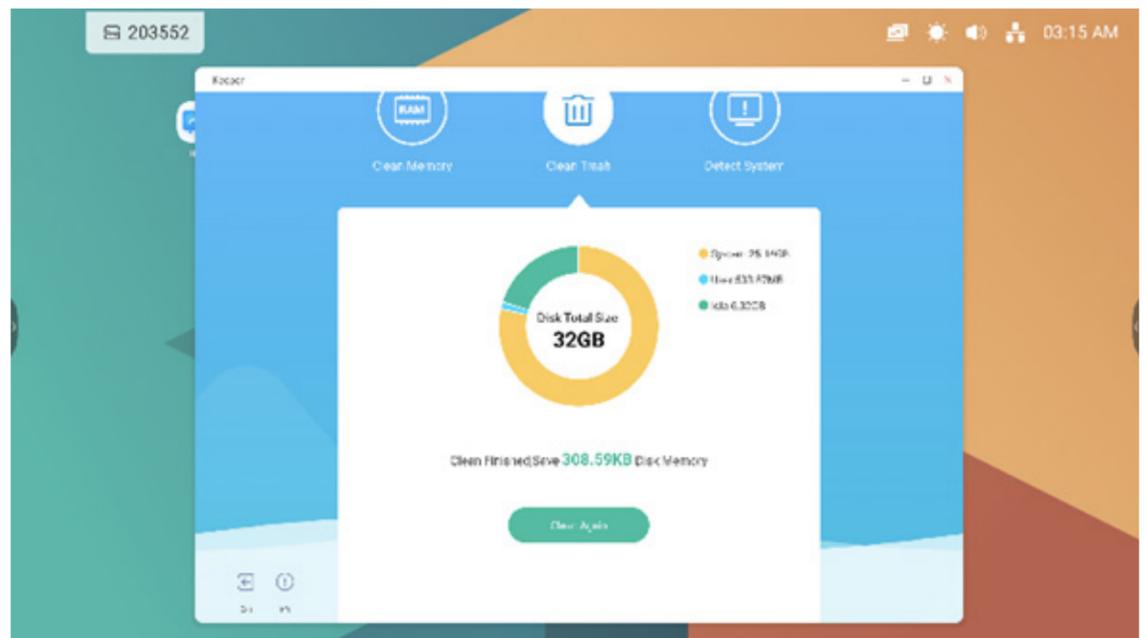


4.12.3 Clean Trash



to clean the disk trash.

"Clean Again" to clean disk trash again.



4.12.4 Detect System



to detect your system.

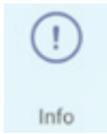
Feedback the code above to the engineer to assist in troubleshooting. "Detect again" to detect your system again.



4.12.5 Version Information



to view the system information, including system version, MCU version and touch panel version.



again to close the information window.

4.12.6 Exit



to exit the Keeper.

5. Small tools

With the tools, teacher can enhanced interactive learning with students for a smooth and fun learning experience. Menu, Mark, Cast, Timer, Crop, Stopwatch, Airclass, Spotlight, Freeze, ScreenLock are provided by default in IFP OS.

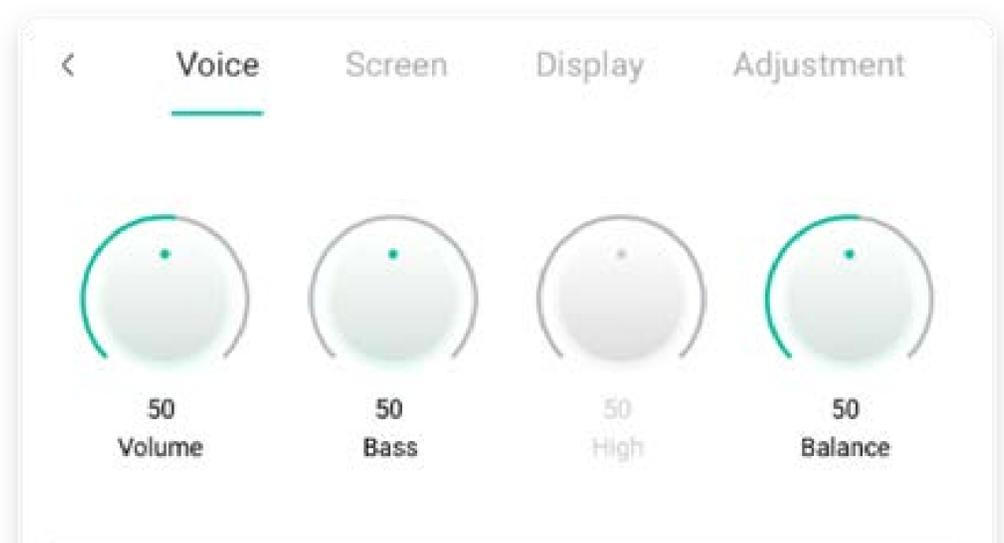
5.1 Menu

5.1.1 Common Settings: Show all input sources, include PC, Android, HDMI, VGA.

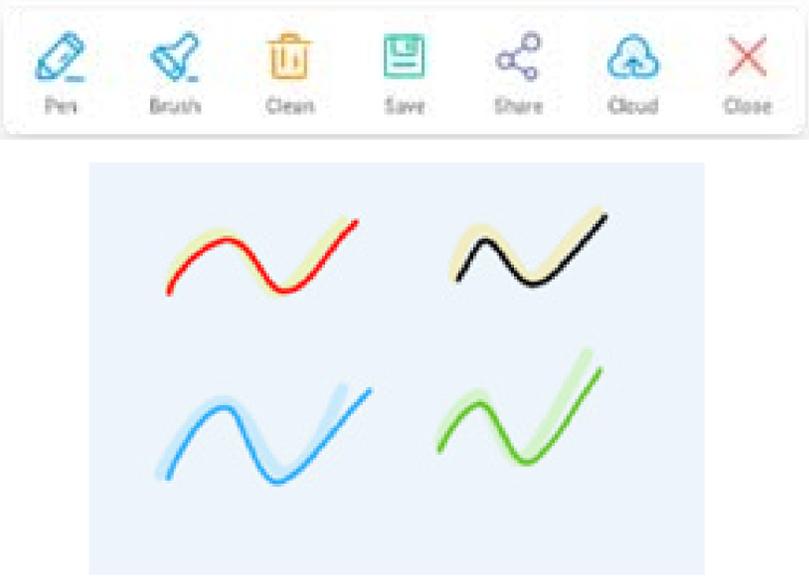
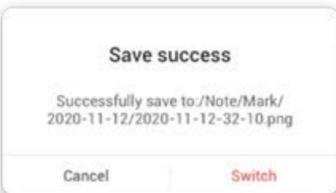


5.1.2 Advanced Settings:

Show more settings, include Audio, Screen, Display, Adjust.

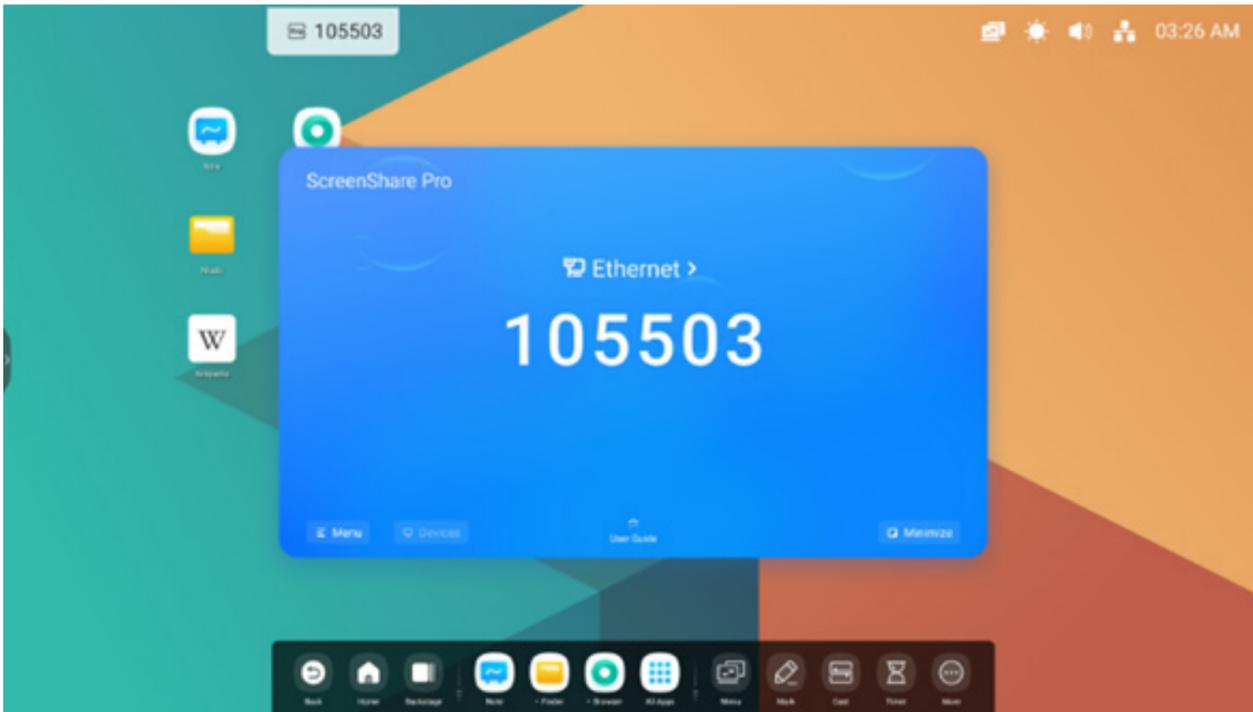


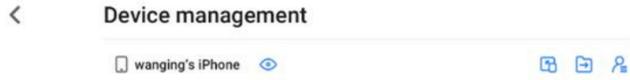
5.2 Mark

Content	Description
5.2.1 Pen	 <p>switch to pen mode and click more times to change the color to red , black , blue or green .</p>
5.2.2 Brush	<p>switch to Brush mode and click more times will change the color to yellow , orange , blue or green</p>
5.2.3 Clean	<p>Clean the annotations in the screen.</p> 
5.2.4 Save	<p>Save current annotations and screen content to picture in the storage. it will show a dialog when save successfully, click close button to dismiss the dialog, and open button to jump to the Finder which locate in the save picture,</p>
5.2.5 Share	<p>display on the device through QR code.</p>
5.2.6 Cloud	<p>Support saving to cloud disk.</p>
5.2.7 Close	<p>Exit the Tools, and the annotations will be ignore.</p>

5.3 Cast

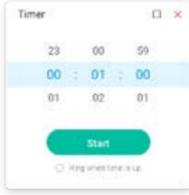
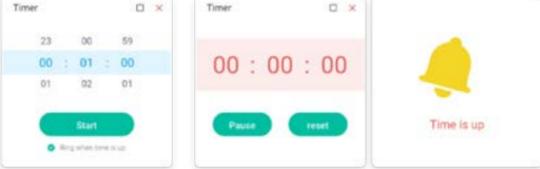
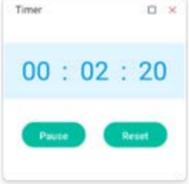
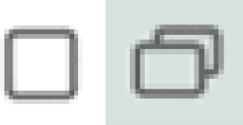
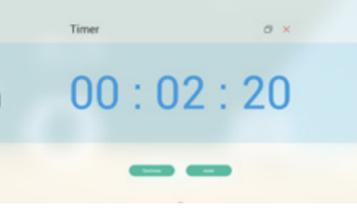
The tool designed for seamless wireless presentation and collaboration during lecture.



Content	Description
5.3.1 Mirroring	<p>Click start on your phone  or click start mirroring on your PC  to mirror your device's screen on IFP</p>
5.3.2 Desktop Sync	<p>Click Desktop Sync on your phone  or on your PC  to mirror IFP screen on your device and you can control on your device.</p>
5.3.3 Remote	<p>Click remote on your phone  to remote control IFP on your phone.</p>
5.3.4 Airplay/Chromecast	<p>Support Chromecast/Airplay device </p> <p>Open this switch in settings, you can use any device support airplay or chromecast to find ScreenShare pro and mirror your screen to IFP without install software.</p>
5.3.5 Miracast	<p>Support Miracast device </p> <p>Open this switch in settings, you can use any device support miracast to find ScreenShare pro and mirror your screen to IFP without install software.</p>
5.3.6 Document sending	<p></p> <p>Click document sending  in device management to send document to the device you selected.</p>

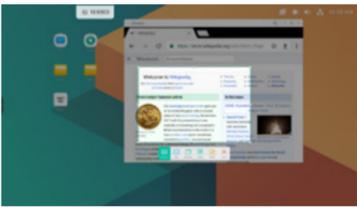
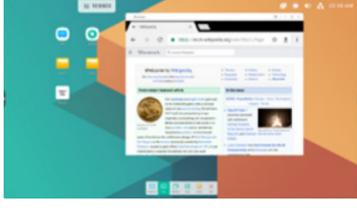
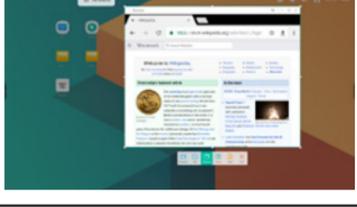
5.4 Timer

A tool which counts down from a specified time interval.

Content	Description
	 Click to close the tool.
'Ring'	 Check the 'Ring when time is up', it will reminder user by using ring tone.
'Start'	 Click to start count down.
'Pause' 'Reset'	Click to pause count down time. Click to reset count down time.
	 Click to view full the screen or restore original size.
Mini size	 Outside of Timer will be minimized, Click again to restore.

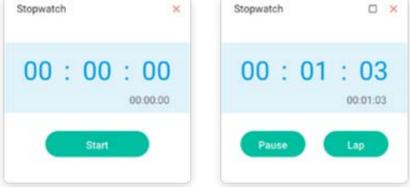
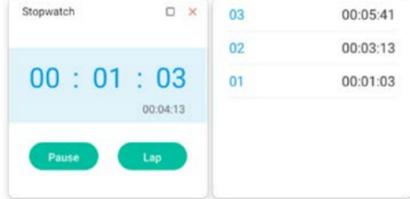
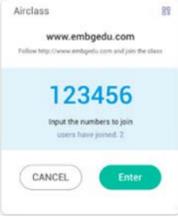
5.5 Crop



Content	Description
5.5.1 Freedom	 The default is a custom screenshot, with a default initial size.
5.5.2 Full	 Click to switch to full screen size.
5.5.3 Window	 Click to focus and switch to the uppermost window size.
5.5.4 Save 5.5.5 Insert 5.5.6 Close	Save the picture in the storage. Click to insert the screenshot directly into Note. Click to exit screenshot mode.

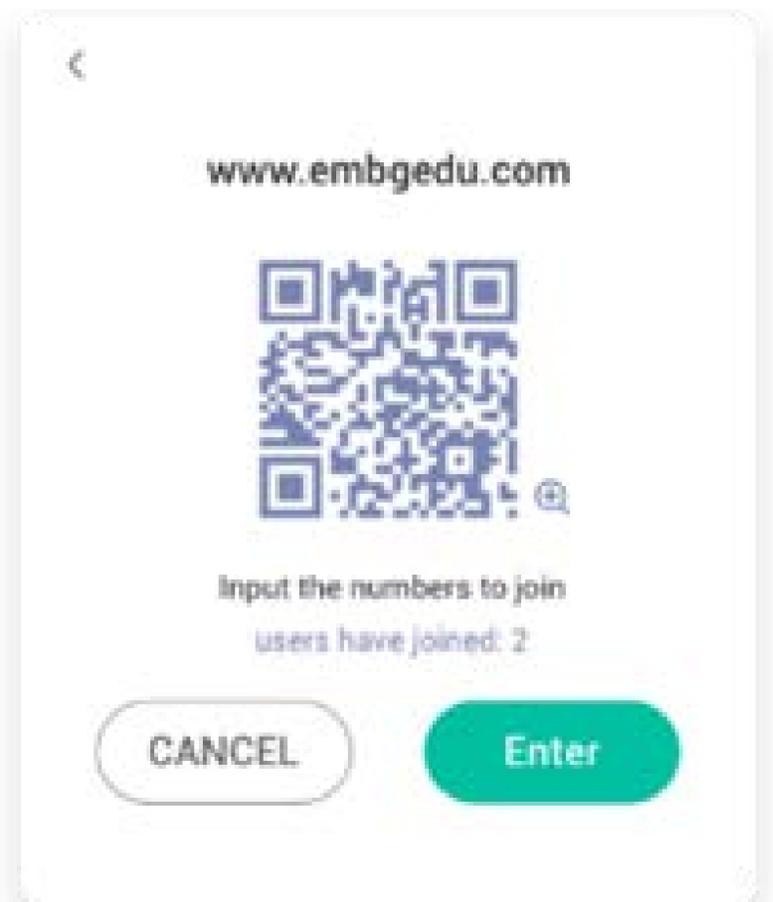
5.6 Stopwatch

A tool which counts upwards from zero for measuring elapsed time.

Content	Description
	Click to close the tool.
'Start'	 Tap the stopwatch to start timing.
'Pause'	Click to pause timing.
'Lap'	 Click to record multiple time periods and display them in a list.
Mini size	 Outside of Stopwatch will be Shrunk, User can select Mini size to restore the original size.
5.7 AirClass	

5.7.1 Scan QR code

Students can just scan the QR code to join the class with their phone. Besides, they can type the URL in their browser to join the class as well.



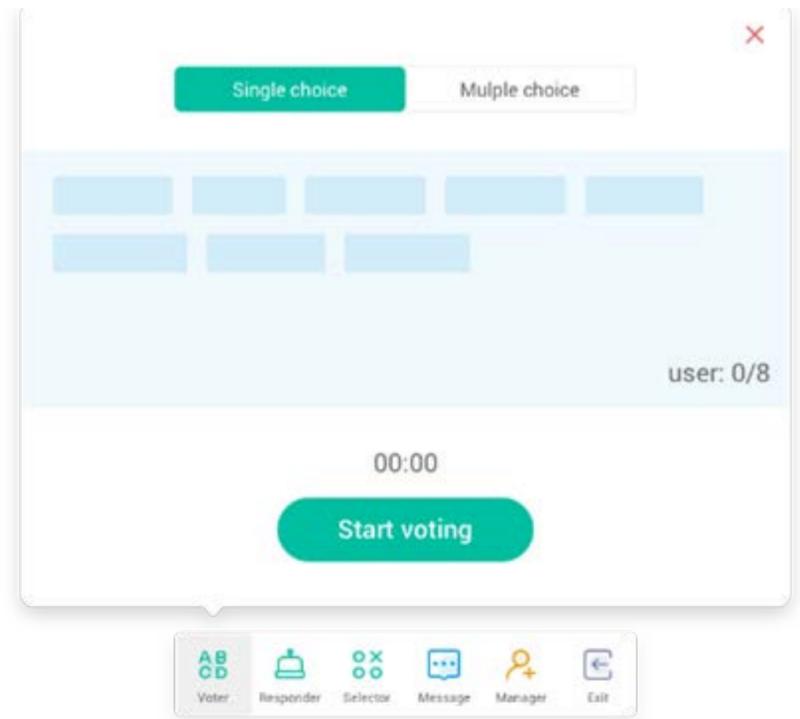
5.7.2 Enter the class

After most of students joined the class, you can select "ENTER THE CLASS" button to enter the class. Then button panel as below will show.



5.7.3 Vote

Click  on the button panel to start the voter part. the toolbar of voter will show as above.



5.7.3.1 Single Choice

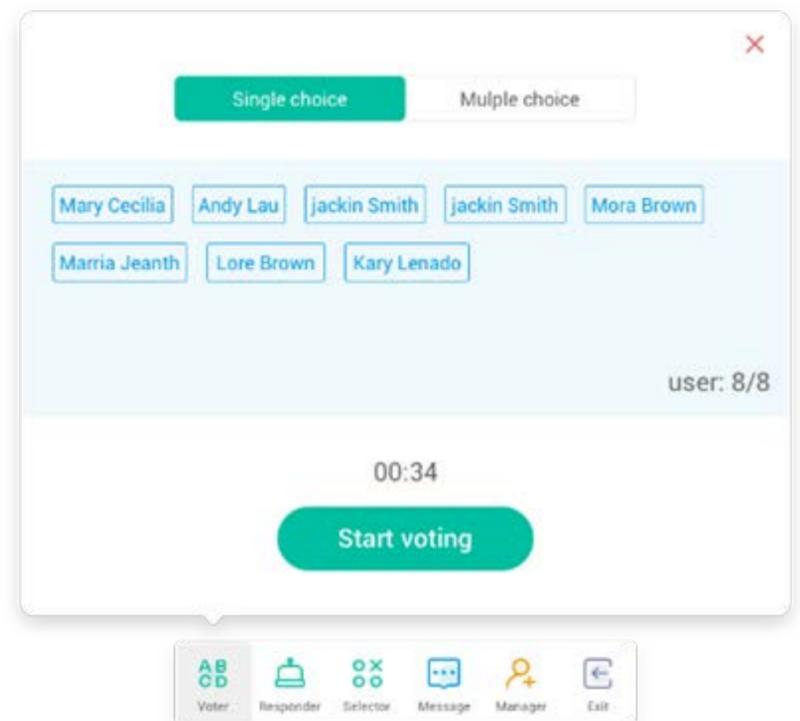
As default, "Single choice" button will be checked. In single choice mode, students can only submit a single answer for the question.

5.7.3.2 Multiple Choice

When "Multiple choice" button checked, students can submit more than a single answer for the question.

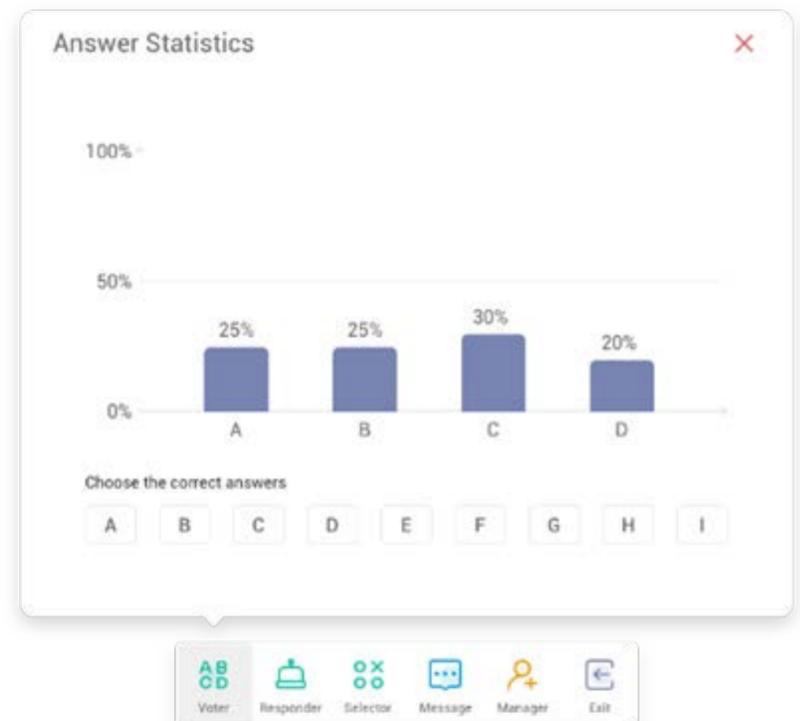
5.7.3.3 Start voting

Click begin to start answering question. After students answer the question, their names turn blue. Clicking a name item, name of it will be shown in a pop up window. Until "FINISH" button is selected, students can submit their answer again and again. But when the question finished, only the final submission would be accepted.



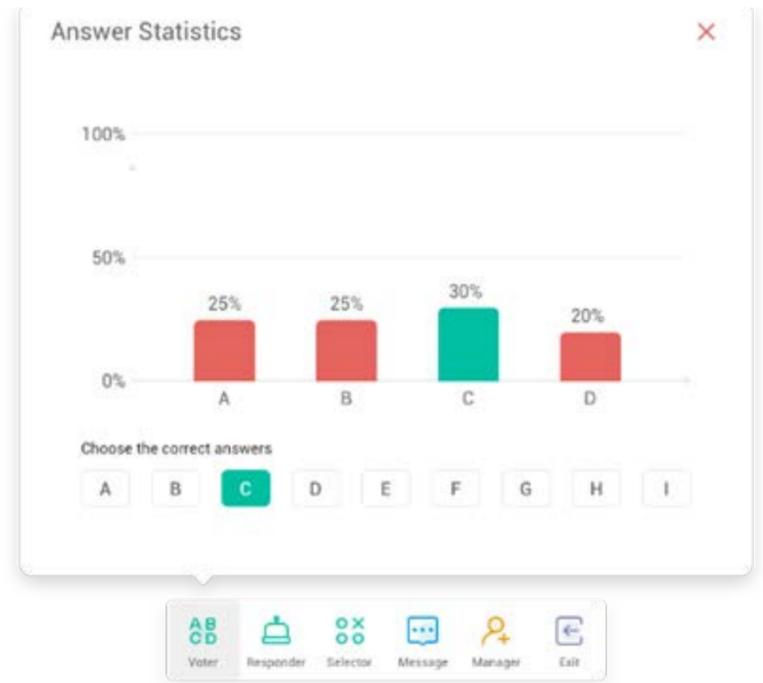
5.7.3.4 Finish

Click Finish to finish answering questions, then you can access the answers statistics page with full screen.



5.7.3.5 Choose Right Answer(s)

Choose the right answer(s) and calculate the accuracy. And the bar of wrong answer(s) will be marked red. Clicking the bar of any answers, the names of whom voted for the answer will be shown in a pop up window.



5.7.3.6 Exit

 to exit the voter

The main screen displays the math problem $2 \times 3 = 6$ and the options A:8, B:6, and C: (with a red checkmark next to B). A small 'Answer Statistics' window is overlaid on the right, showing the same bar chart as in the previous figure. The button panel at the bottom includes icons for various roles and functions.

5.7.4 Responder

 button on the button panel to access the responder part.

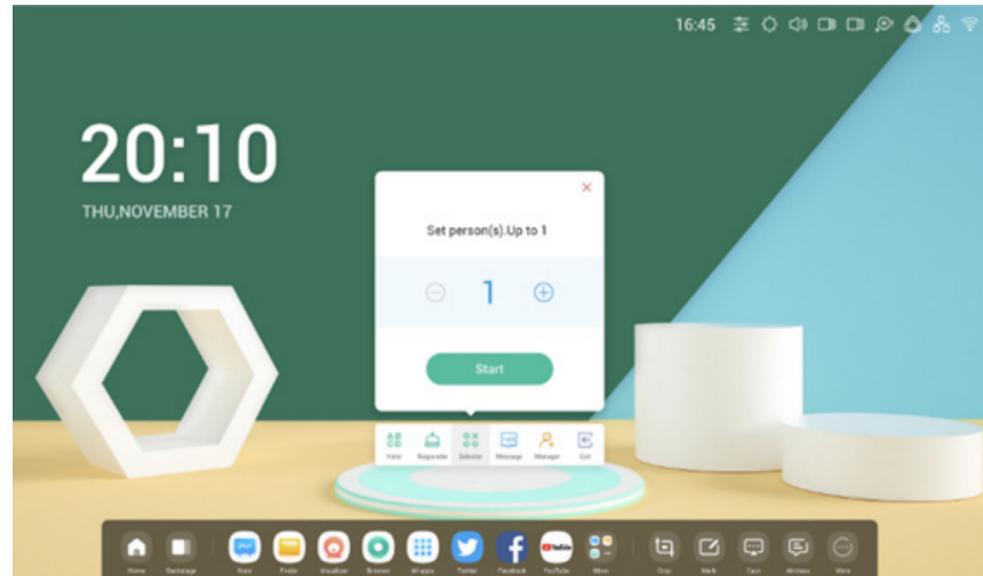
The 'Responder' interface features the text 'Press [ok] to answer.' above an illustration of a drum. A large green 'Start' button is positioned at the bottom of the screen. The button panel at the bottom of the interface has the 'Responder' icon highlighted.

5.7.4.1 Start

Click "START" button to start responder. Students can responder by pressing the [OK] button with their phone.

5.7.5 Selector

 button on the button panel to access the selector part. You can select one or some students to answer your question randomly. Only if at least 1 student in your class, you can start the selector.



5.7.5.1 Start

“+” button or “-” button to set number of person(s) whom will be selected. Click “START” to start selecting or  click to quit.

5.7.5.2 Reset

Click “Reset” to restart the selector.

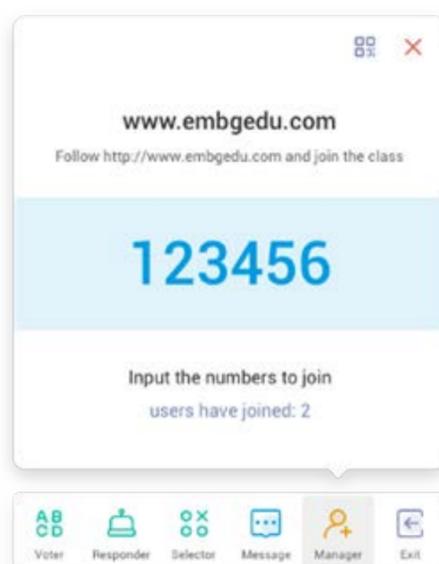
5.7.6 Message Switch

Click “Message” button to switch enable for message part. The icon of the button will show  when message enable, and show  when it disable. After enabling the message, students can publish the message comments on the mobile phone. The message comments are updated on the IFP in real time.



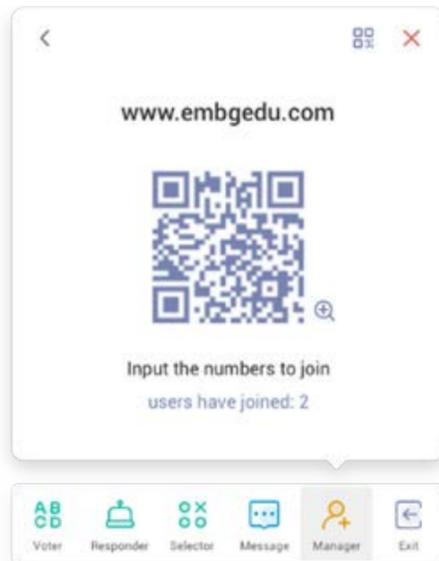
5.7.7 Manager

 Button on the button panel to pop up the QR code, for ease of students in the class to join in the class.



5.7.7.1 Scan QR code

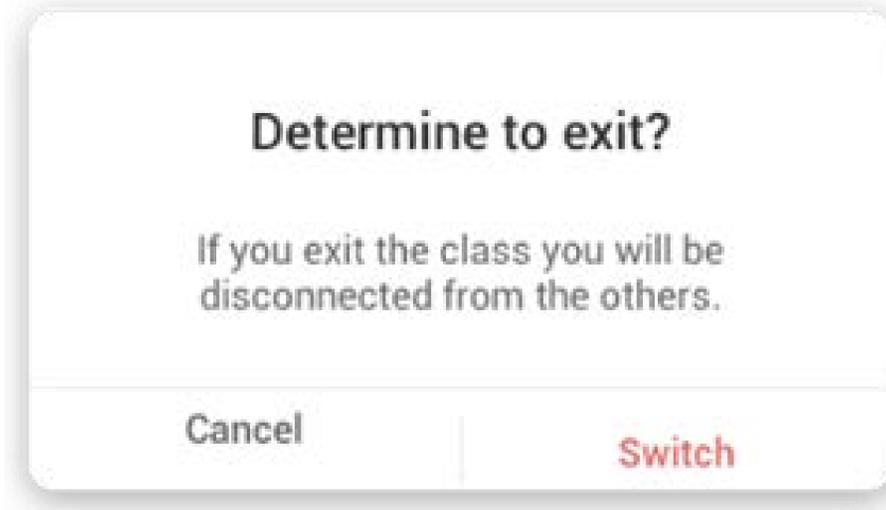
Scan the QR code or to join the class with their phone or other device. Or just type the URL in the browser to join the class as well.



5.7.8 Exit

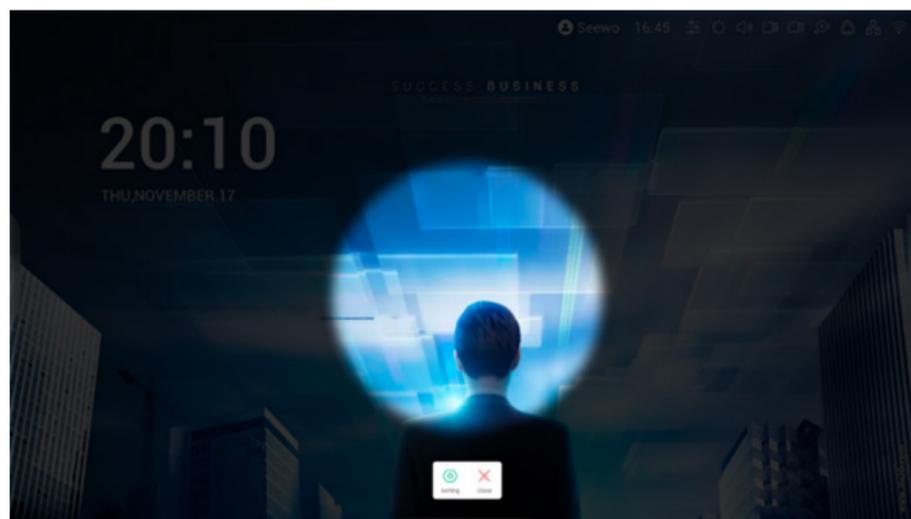


Button on thin button panel to exit from the APP. A dialog will show. "CANCEL" to dismiss the dialog and click "EXIT" to confirm exiting.



5.8 Spotlight

Use this function to focus on specific areas of the screen.



5.9 Freeze

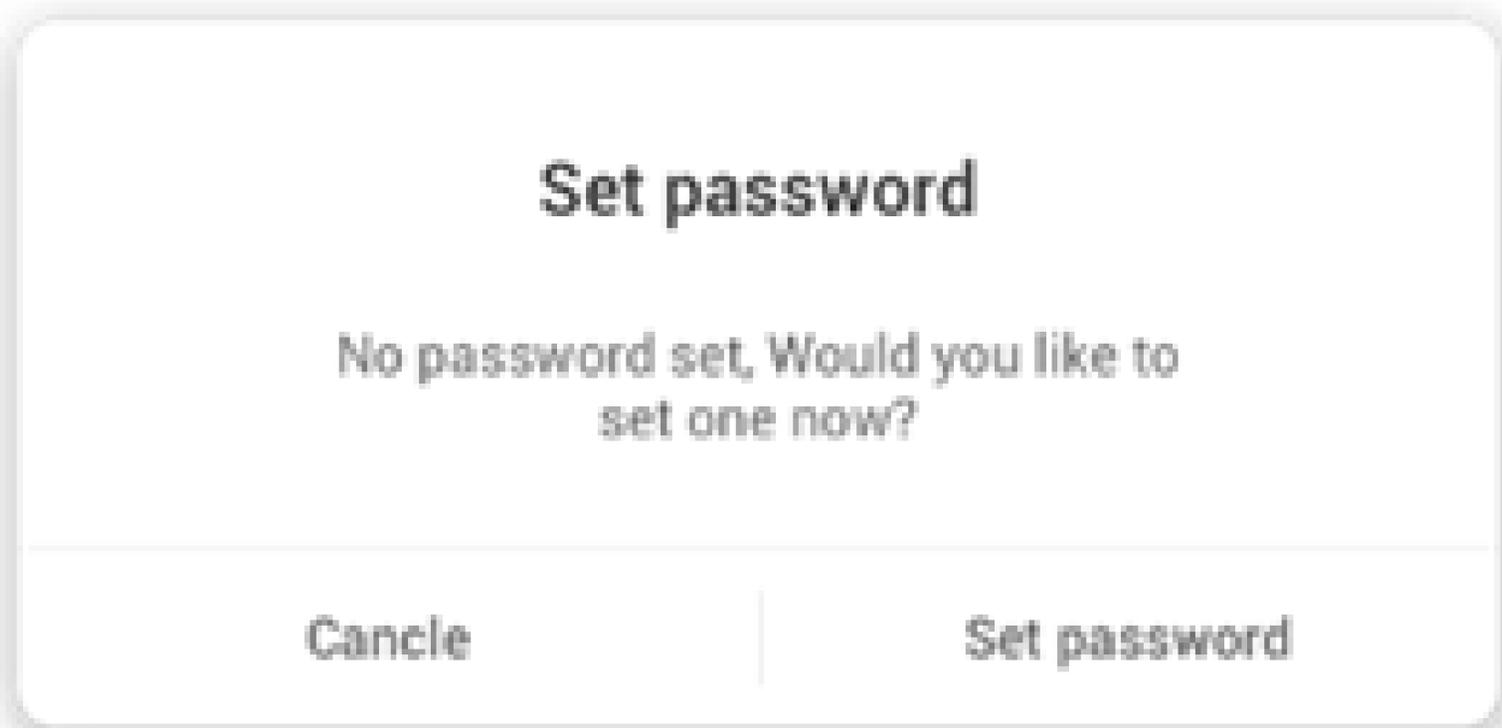
Freeze and zoom the current content on the screen.



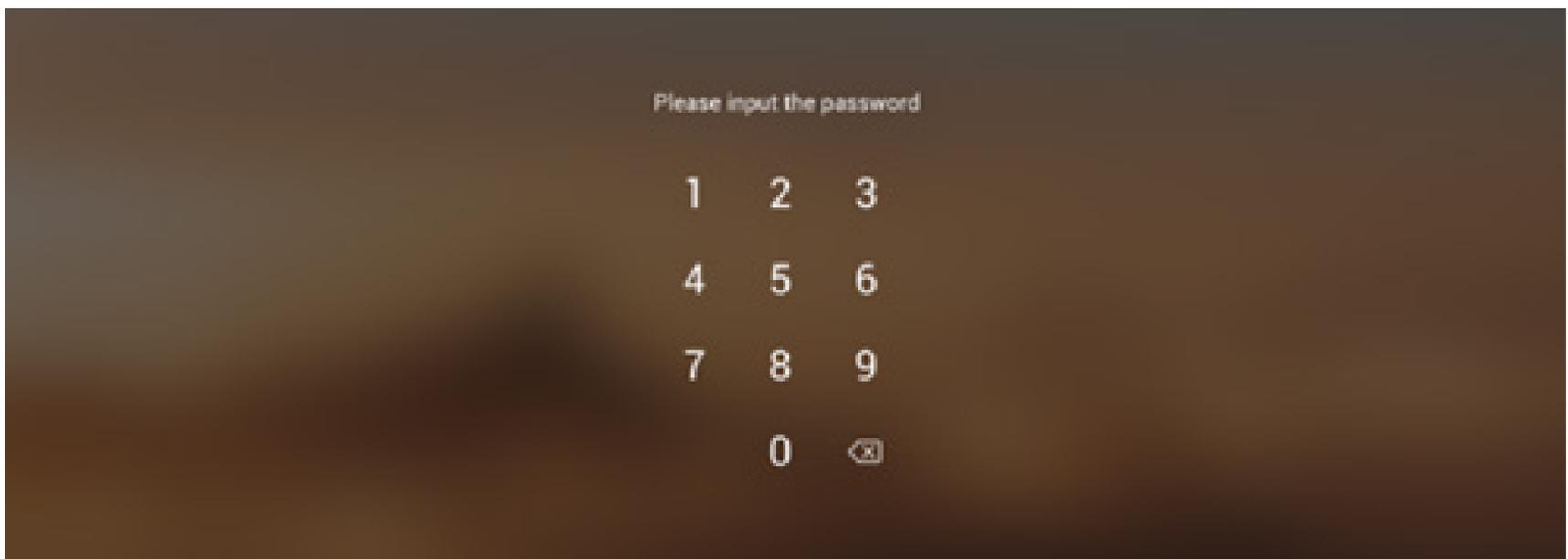
Content	Description
5.9.1 Zoom in	 to zoom in the current screen.
5.9.2 Zoom out	 to zoom out the current screen.
5.9.3 Default	 to return to original screen size
5.9.4 Close	 button to exit the screen freezing.

5.10 Screen Lock

Lock the screen with the ScreenLock, and unlock it by entering the password, which is set in Settings



If you have set the password, then the screen will be locked. You need to enter the password to unlock.



03 Function Tree

Menu Tree	2 Depth	3 Depth	4 Depth	5 Depth
Launcher	Status bar	Touch Menu	OSD-Common Settings	
		Brightness & sound	OSD-Common Settings	
		Ethernet	Settings-Ethernet	
		Wifi	Settings-Wifi	
		Time	Settings-Date&Time	
	Shortcut area	Application shortcut		
		File shortcut		
		Website shortcut		
		USB shortcut		
	Shortcut management	Remove		
		Change position		
	Wallpaper	Set Wallpaper	Default wallpaper	
			Custom wallpaper	
	System bar	Navigation bar	Back	
Home				
Backstage				
Application Center		Default shortcut	Note	
			Finder	
			Browser	
		All apps	Browser	
			Cloud Drive	
			Finder	
			Keeper	
			Note	
			Palette	
			Settings	
			Visualizer	
			WPS Office	

System Bar	Small Tools	Default tool	Menu	
			Mark	
			Cast	
			Timer	
		More tool	Crop	
			Stopwatch	
			Airclass	
			Spotlight	
			Freeze	
			ScreenLock	
Tools Customize	Edit			
System bar Settings				
Multi-Windows	Top bar	Back		
		Name		
		Switch		
		Minimize		
		Maximize/Window		
		Close		
	Other Setting	Freely change the window size		
		Quickly change the window size	Quarter form size	
			Half the window size	
			Maximum window size	
		New Windows		
	Drag			
	Multi-Window mode	Settings-Personal		

Note	Left bottom Corner Menu	Menu	New	
			Open	
			Save	
			Import	IMG
				PDF
				SVG
			Export	IMG
				PDF
				SVG
				IWB
			Background	Color
		Texture		
		Custom		
	Cloud Drive			
	Brightness Disable			
	Exit			
	Share			
	List			
	Bottom Menu	Select		
		Pen		
		Eraser		
Clean All				
Ruler				
Shape				
Table				
Sticky-Notes				
Preview				
Undo				
Redo				
Right bottom Corner Menu	Add			
	Previous			
	Pages			
	Next			
Drawing Board	Left bottom Corner Menu	Menu	Save	
			Import	
			Share	
			Exit	
		Clear		
		Undo		
		Redo		
	Bottom Menu	Pen Group		
		Pen Stroke Slider		
		Palette		
		Color Picker		
		Predefined Colors		
		Hide Tool box		
	Show Tool box			
Right bottom Corner Menu	Sample			
	Fill			

Visualzer	Exit				
	Setting	Camera			
		Resolutions	1920*1080		
			1280*720		
			640*480		
	352*288				
	Annotation Tools				
	Exhibition Setting	Size	Full		
			Auto		
		Scaling	+		
			-		
		Rotation	Right		
			Left		
		Type	N		
			T		
			P		
		Advanced Option	Brightness		
	Contrast				
	Saturation				
	Sharpness				
Photo Taken					
Picture Mode					
Text Mode					
View	Double				
	Four				
	Exit				
Finder	Window Top bar	Back			
		Name			
		Minimize			
		Maximize/Window			
		Close			
	File Preview	Device	Storage		
			USB		
			Cloud Drive		
		File List			
		Preview			
	Address navigation	Address			
	Search Bar	Search			
	File Management	Grid Display			
		List Display			
		Order	Name		
			Type		
	Size				
	Time				
	Select	Select All			
		Copying			
		Pasting			
		Cutting			
		Deleting			
		Renaming			
		More	Send		
	Create (New Folder)	Create			
	New Window				
Browser					
Settings	Wi-Fi				

Settings	Wireless & Network	Ethernet		
		Hotspot		
		VPN		
	Personal	Wallpaper		
		Swipe up options at the bottom		
		Multi-Window Mode		
	Input & Output	Touch Sound		
		Input Naming Settings		
		External Source Display Settings		
	Application	Application Detail Info		
		Notification		
		Permission		
		Storage		
		Open by default		
		Memory		
	System	Date & Time		
		Language & Keyboard		
		Lock Screen Password		
		Startup & Shutdown		
		Email		
		Remote		
		Storage		
		Security		
		System Update		
	About	Legal Information		
		Module Number		
		Android Version		
Kernel Version				
Build Number				
Cloud Drive	Add Account			
	Use The Default Account			
	Use The Default File Name When Save			
WPS Office	/			
Photo	Rotate			
	Insert			
	Wallpaper			
Music	/			
Video	/			
Keeper	One key Optimize	Optimize Again		
	Clean Memory	Optimize Again		
	Clean Trash	Optimize Again		
	Detect System			
	Version Information	System Version		
		MCU Version		
		Touch Panel Version		
Exit				

TouchMenu	General Setting	PC			
		Android			
		HDMI1			
		HDMI2			
		HDMI3			
		VGA			
		Brightness			
		Volume			
		More Settings			
	Audio	Standard	Volume		
			Bass		
			Treble		
			Balance		
		Meeting	Volume		
			Bass		
			Treble		
			Balance		
		Class	Volume		
			Bass		
			Treble		
			Balance		
		Custom	Volume		
			Bass		
			Treble		
	Mute				
	Screen	Pixel Shift			
		4:03			
		16:09			
		PTP			
	Display	Standard	Brightness		
			Contrast		
		Bright	Brightness		
			Contrast		
		Soft	Brightness		
			Contrast		
		Custom	Brightness		
	Adjust	H Position			
		V Position			
Clock					
Phase					
	Auto				

Mark	Pen	red			
		black			
		blue			
		green			
	Brush	yellow			
		orange			
		blue			
		green			
	Clean				
	Save				
	Share				
	Cloud				
Close					
Screenshare Pro	Network connection	Same network connection			
		Cross-subnet connection			
		Quick recovery from abnormal disconnection			
	Screenshare	Support 6 split screen projection			
		PC projection screen reverse touch			
		PC window projection			
		PPT projection screen control on computer			
		Media projection control on mobile phone			
		Mobile phone document			
		Mobile phone camera projection			
		Mobile picture projection screen control			
		Mobile phone remote			
		Overlord display			
	Screenshare method	AirPlay projection			
		Chromecast projection			
		Miracast projection			
		Dongle projection			
	Desktop synchronization	Multi-device simultaneous desktop synchronization			
		Reverse touch			
		Collaborative annotation			
	Device Management	Screencast preview			
		file transfer			
		Invite screencast			
		End screencast			
		Authorize other device management			
	Timer	Start	Pause		
			Reset		
		Ring When time is Up			

Crop	Freedom			
	Full			
	Window			
	Save			
	Insert			
	Close			
Stopwatch	Start	Pause	Continue	
			Reset	
		Lap		
	Mini size			
AirClass	Scan QR Code			
	Enter The Class	Vote	Single Choice	
			Multiple Choice	
			Start voting	Finish
		Responder	Start	
		Selector	Start	Reset
		Message Switch		
		Manager	Scan QR Code	
		Exit		
Spotlight	Setting	Scale		
		Alpha		
Screen Freezing	Zoom In			
	Zoom Out			
	Return			
	Exit			