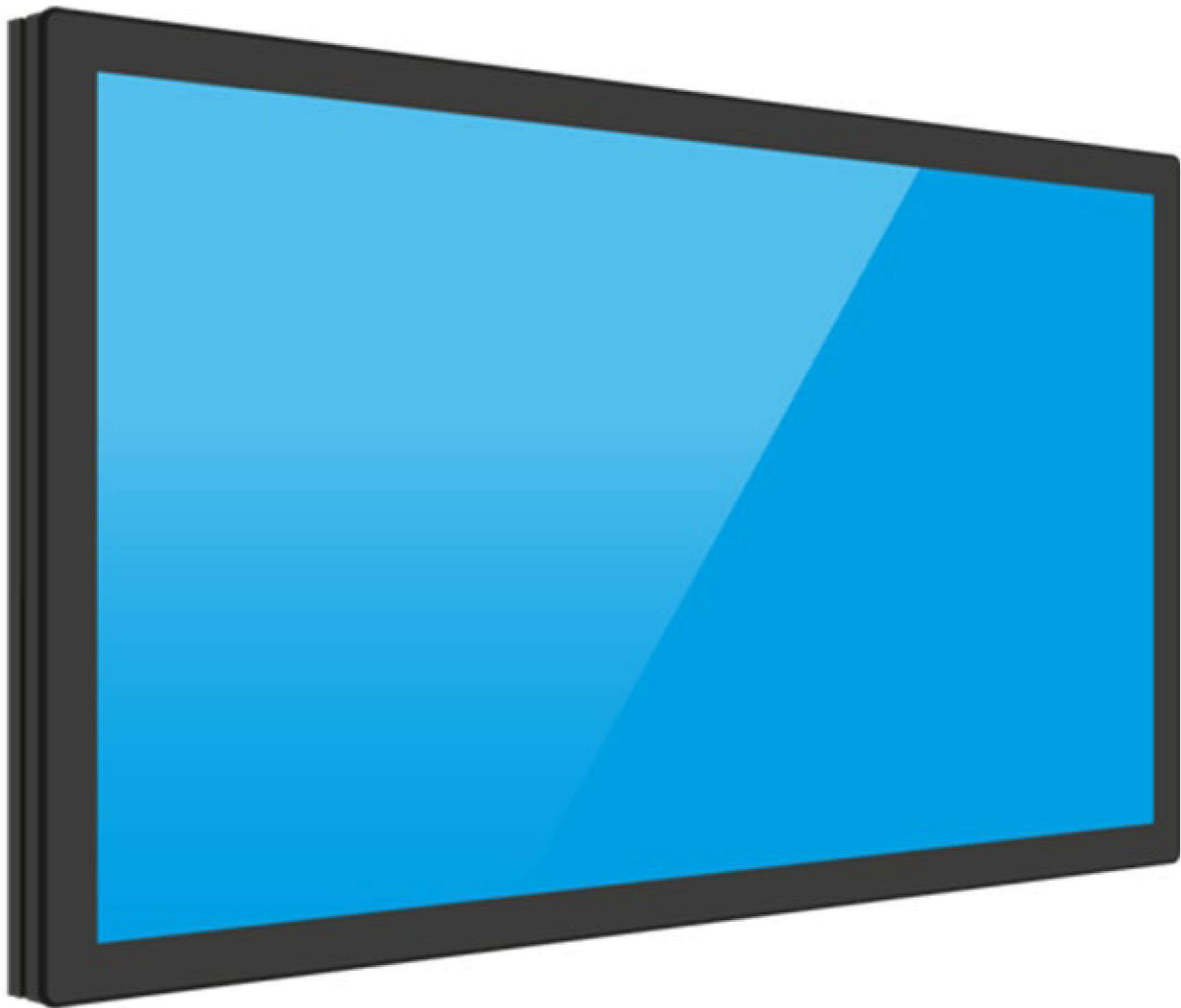


Electra Pro Touchscreen

The Electra Touchscreen comes with integrated Android 13 OS, 10 PCAP touch points, and a built-in camera. Various size options (32", 43" and 55"), as well as an optional OPS PC.



Note: Product design specifications including dimensions are subject to change without notice & may vary from those shown. Please call us for the most up to date specifications and dimensions.



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Connectivity

On the bottom of the screen are several connections:



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Remote for the Electra Pro



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Starting the Electra Pro

Plug the power cable into the Electra Pro (the socket is on the bottom of the screen). Ensure the power switch is turned on, on the screen as well as at the wall. If you have a PC, the PC should automatically switch on and boot into Windows OS. If you have Android OS only, it will boot into the Android home page.

If the screen doesn't automatically turn on, take the remote and point to the bottom right of the screen and press the power button.

If it doesn't automatically boot into Windows (and you have purchased a PC), press one of the arrows on the left or right hand side, press it again so the menu below appears, and select the button in the red circle. Alternatively, press the source button on the remote and select OPS from the list.



Guidance

When using the touchscreen, the gesture functions are very similar to using a smartphone or tablet on a larger scale.

The way PCAP works is by fixing a sensor grid between a layer of cover glass and the LCD panel, so that when a finger touches the glass the grid detects the co-ordinates of the touch point.

Over time, the screen will become tarnished with finger prints; to clean, a mist spray glass cleaner / degreaser should be used when the screen is at a 45 degree angle. Should any liquid be dropped on the screen when in its horizontal position, this should be mopped up with a liquid absorbent cloth prior to cleaning.



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Connect a Laptop/PC

To connect a laptop/your own PC, you will need to:

- Connect a HDMI cable from your laptop or PC to either HDMI 1 or HDMI 2 in the image below. This will allow you to see your laptop or PC on the screen.
- Connect a USB A to B cable from your laptop (the USB A end should plug in to your laptop, and the USB B end should plug into the 'Touch Cable' port) to the screen. This will allow you to use touch.
- Using the remote, select source, and then HDMI 1 or HDMI 2, depending on which one the HDMI cable is plugged into on the bottom of the screen.



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OPS PC Slot

If connecting your own OPS PC, the slot for this is on the right hand side of the screen:



Using a screwdriver, unscrew the screws in the red circles, and remove the panel.

Inside the OPS PC Slot, you will see a port for the OPS PC to slot into. Ensure the PC's power button is facing upwards, and slot the PC in. If inserted properly, the PC will be flush with the back of the screen. Correct configuration will look like the first image on the next page.



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OPS PC Slot

Correctly installed:



Use larger thumb screws to secure the OPS PC in place in the same holes that secured the side panel.

Home Screen

After the screen boots up, you will enter the Android home screen, pictured below. The homepage can be customised with different themes, which can be changed in Settings> Display Settings> Desktop Theme.



Quick Access:

- Whiteboard: Tap the icon to enter the Whiteboard interface.
- File Management: Tap the icon to enter the File Manager.
- Screen Share: Tap the icon to open Screen Share.
- WPS Office: Tap the icon to open WPS Office (MS Office equivalent).
- Apps: Tap the Apps icon to access all installed apps.

The homepage also displays the system date, time, and day of the week. Tapping the clock will open the time settings. Status icons indicate network, Bluetooth, hotspot, USB access, etc.



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Sidebars

The sidebar provides quick access to key functions: Home, Return, Signal Source, Open Apps, Annotations, and More tools. Tap one of the arrows on the left or right hand sides of the screen to access them.



Examples:

- Task Manager: View and manage running applications.
- Source: Switch between HDMI, OPS, and other inputs.
- Annotations: Write or draw on the current screen with pen tools.



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Advanced Sidebar

Tap the arrow again, with the sidebar already active, to open the advanced sidebar. This will look like the image below:



To close the advanced sidebar, press the arrow in the top right or tap anywhere else on the screen.

This menu allows you to toggle on and off: the wired internet connection, the Wi-fi, the hotspot, and bluetooth. It also has several other buttons:

- All open apps: Manage all running background apps.
- Screenshot: Take a screenshot of the entire screen or a selected area.
- Eye protection: Turn on or off eye-protection mode.
- Magnifier: Click to display a draggable magnified area on screen.
- Screen shift: Shift the screen down by half, tap the upper half to restore.
- Calculator: Opens a calculator.
- Timer: Opens a timer. Can be configured as a countdown or stopwatch.
- Spotlight: Click to display a draggable spotlight on screen.



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Advanced Sidebar

Swipe left left to access the tool apps, pictured below:



To close the advanced sidebar, press the arrow in the top right or tap anywhere else on the screen.

This menu allows you to toggle on and off: the wired internet connection, the Wi-fi, the hotspot, and bluetooth. It also has several other buttons:

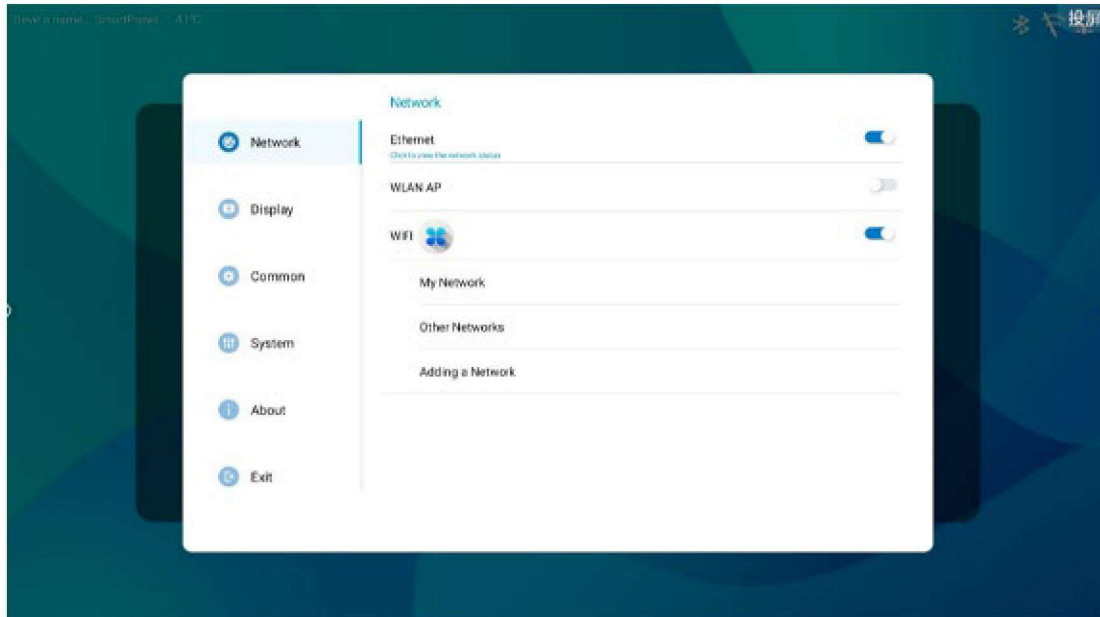
- Stopwatch: Click to open a stopwatch.
- Lock screen: Tap to lock the screen. Double tap to unlock.
- Split screen: Select two apps to display at once on screen. Close an app to exit.
- Brightness & Volume sliders: Swipe to adjust the brightness and volume.



The button on the left will open the OPS PC source.
The button in the centre will open the settings.
The button on the right will bring up the power options.

Settings – Network

The settings are divided into five rows – Network, Display, Common, System, and About. On some occasions, the settings application will ask for a password. By default, this is 6666.



Ethernet: After connecting to a wired network, you can view the IP address, subnet mask, gateway and DNS information of the network.

WLAN AP: This is the hotspot. After toggling on, you can set the name and password of the hotspot and the hotspots status.

Wi-fi: Toggle this on to view all nearby wireless networks.



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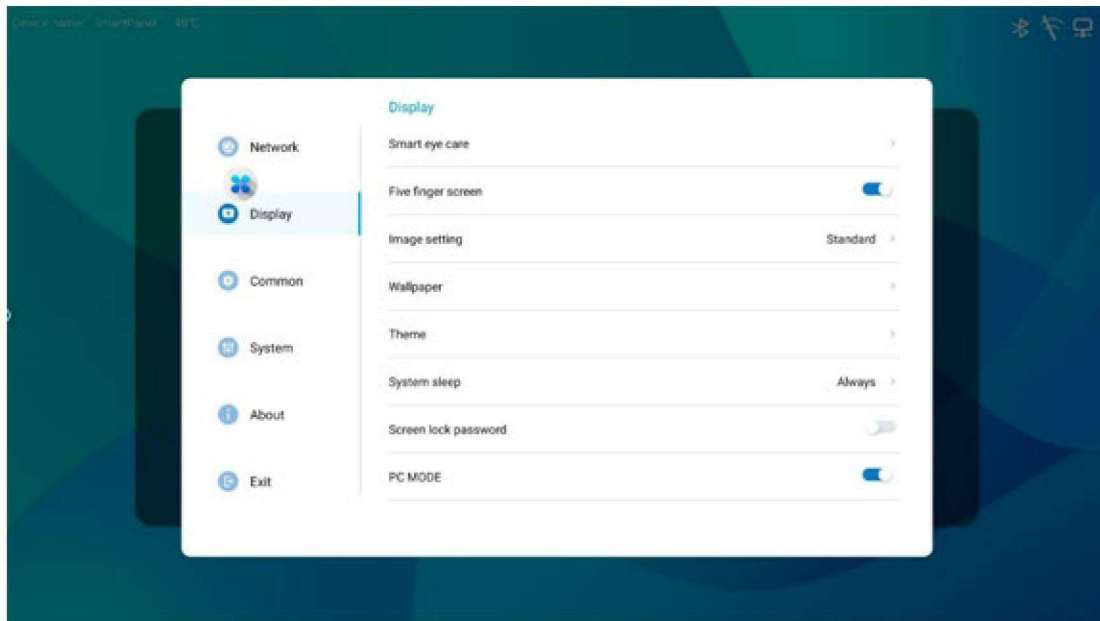
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Settings – Display

Tapping 'Display' will display a screen that looks like this:



Smart eye care: Toggle eye protection mode on or off (reduces blue light).

Five fingers screen: (Having this toggled off is recommended) toggle on to have the screen enter a resting state when touch with five fingers. touch with five fingers again to exit this resting state.

Image settings: Change the picture settings or choose a preset.

Wallpage: Select a different wallpaper.

Theme: Choose a different theme.

System sleep: Choose how long it should take for the screen to go into sleep mode after inactivity.

Screen lock password: Set a password for the for the screen.



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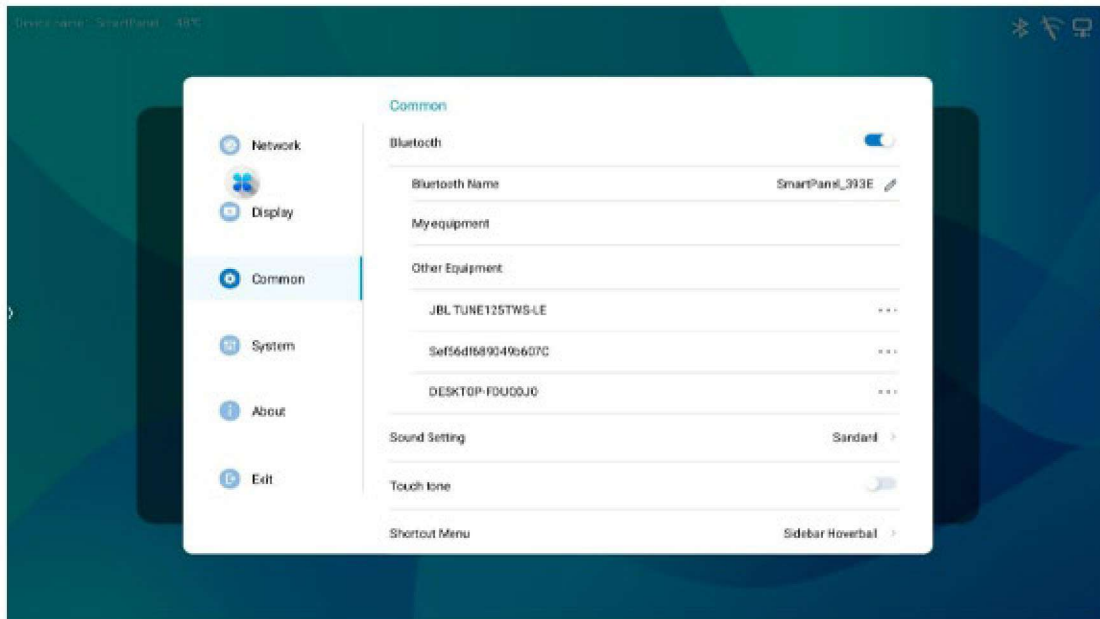
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Settings – Common

Tapping 'Common' will display a screen that looks like this:



Bluetooth: After toggling this on, you will see a list of devices ready to pair to.

Sound setting: Select from 5 sound presets, or create a custom preset.

Touch tone: Toggling this on will mean an audio que will sound whenever the screen is touched.

Shortcut menu: Choose to have the sidebar menu visible, the hoverball menu visible or uncheck both to hide them both.

Timing switch machine: Turn the device off and on at a specified time.

Custom gestures: Trigger things to happen after swiping in specified directions.



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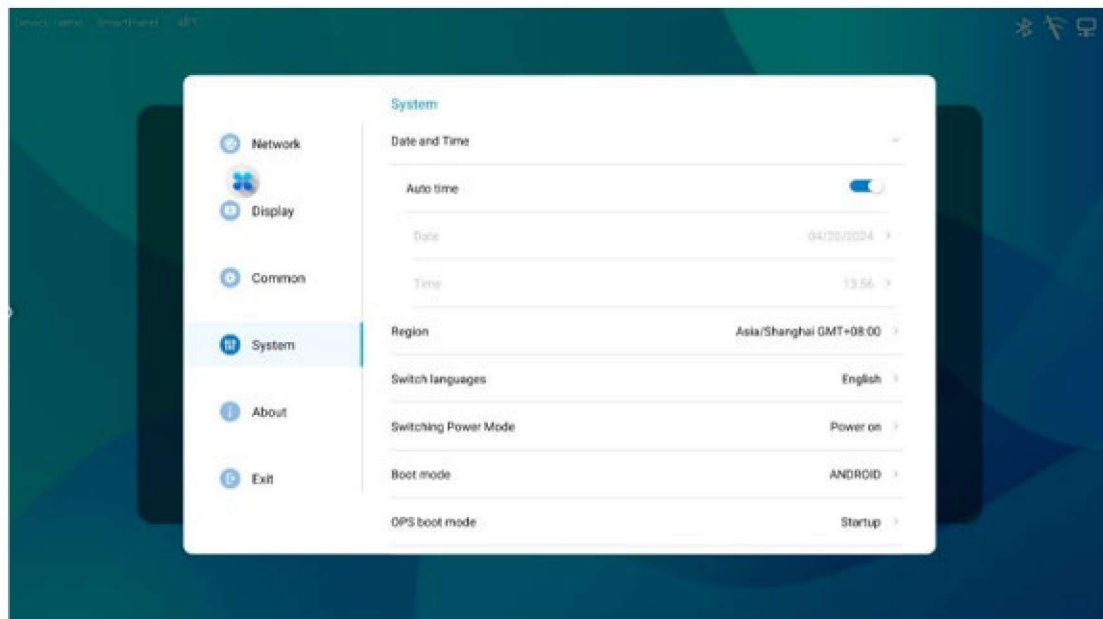
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Settings – System

Tapping 'System' will display a screen that looks like this:



Date & Time: Select auto time to obtain the time for the selected time zone. Toggle this off to select your own date and time.

Region: Select a new timezone.

Switch languages: Select a new language.

Switch Power Mode: Power on = the screen will start up after being powered on, power off = the screen will remain in standby and need to be manually turned on.

Boot mode: Select a source for the screen to boot into.

OPS boot mode: Startup = after startup, the screen will boot into the OPS PC, switching channel start: OPS will start after switching to the OPS source.

No signal mode: The no signal mode is divided into two types: No signal standby (15 mins) and no signal (return to the homepage after 10 mins).



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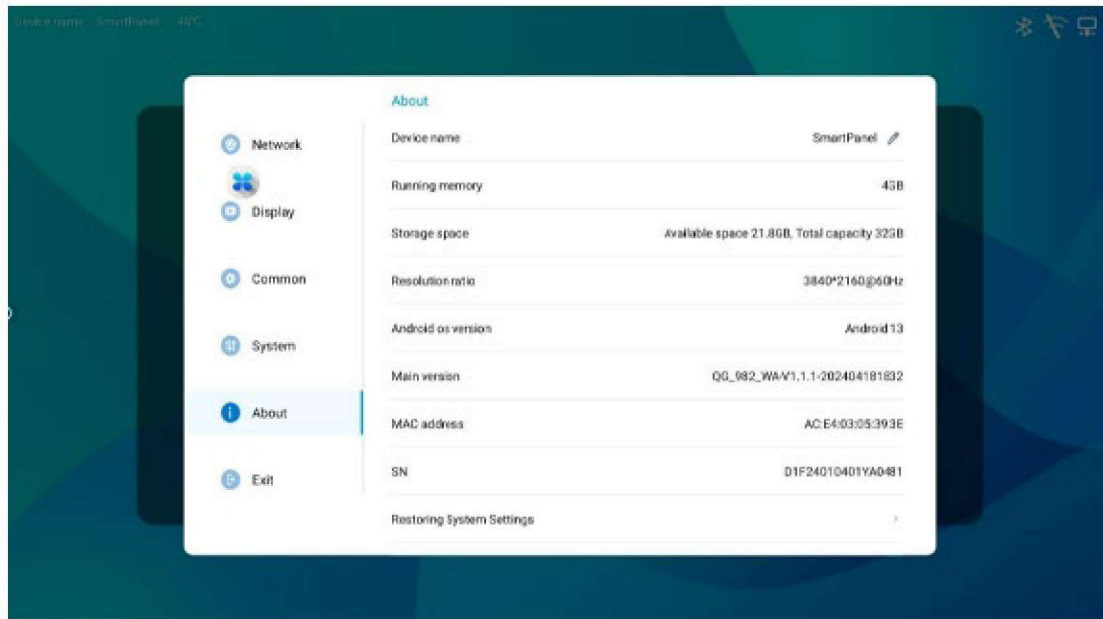
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Settings – About

Tapping 'About' will display a screen that looks like this:



Device name: Change the name of the device.

Running memory: View the running memory.

Storage space: View how much storage space is left.

Android OS version: View the version of Android installed on the screen.

Main version: System version number.

MAC address: View the MAC address.

SN: View the screens serial number.

Restoring system settings: If started, exiting is not possible. This will clear all data, and the screen will be restored to its initial state with a password of 666666.

System upgrade: The screen will automatically detect if there are upgrade file packages in its storage.



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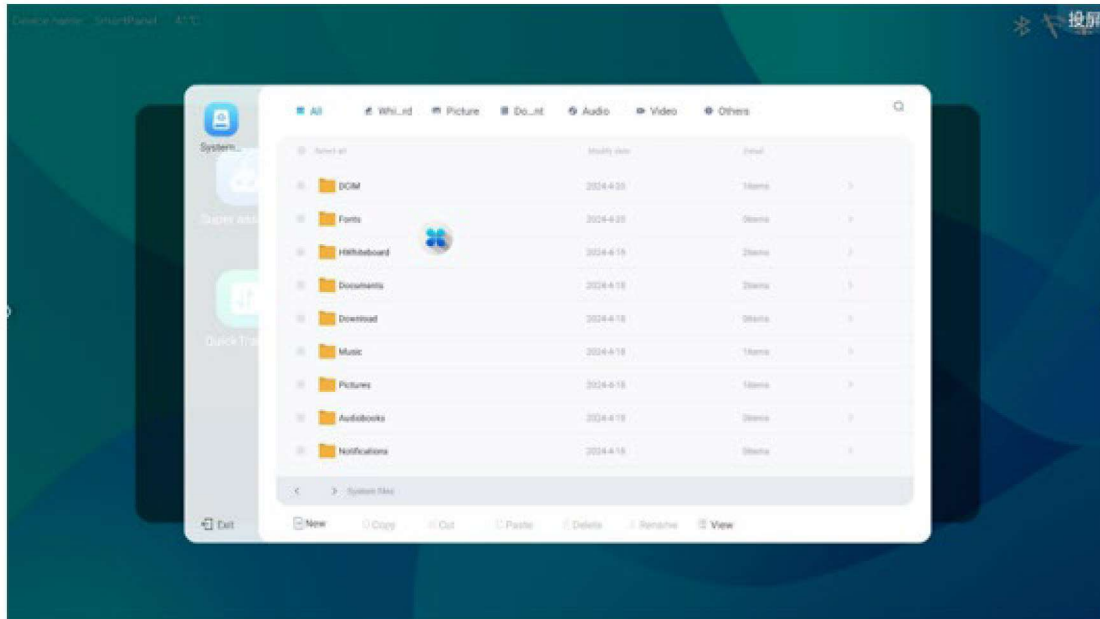
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File Manager

Click on the File Manager app to access screenshots, screen recordings, downloads and USB drives.



Select a file type along the type to filter by it.

If a USB/external storage device is connected, it will appear below the System icon.

Search for files in the searchbar.

Along the bottom of the window is the actions section.

Long-press on a folder or file to access all options within this section.



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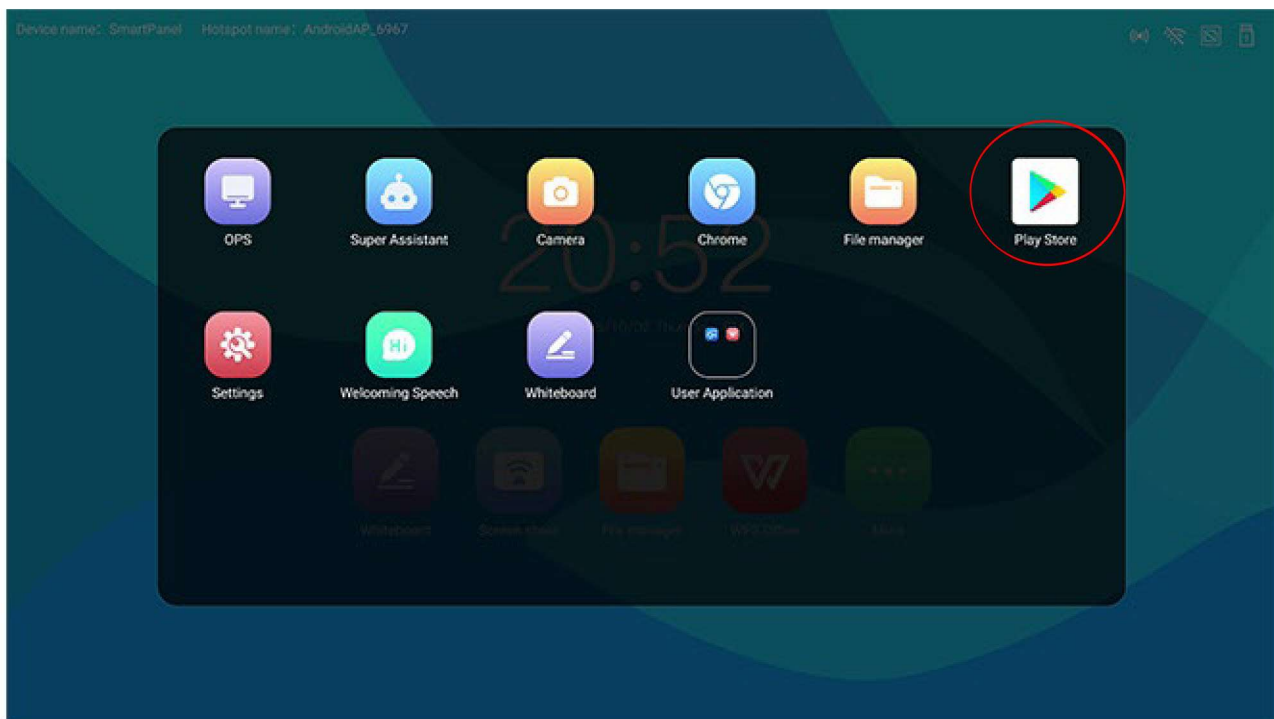
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Installing Applications

To install new applications, navigate to the Android home screen (press HOME on the remote), and tap the "More" button.

This will take you to all installed applications:



Open the Google Play store and sign in/create an account.

Browse the Google Play store for applications.

Once installed, the new application will appear in this menu. To uninstall an application, simply long press on it, and press delete.



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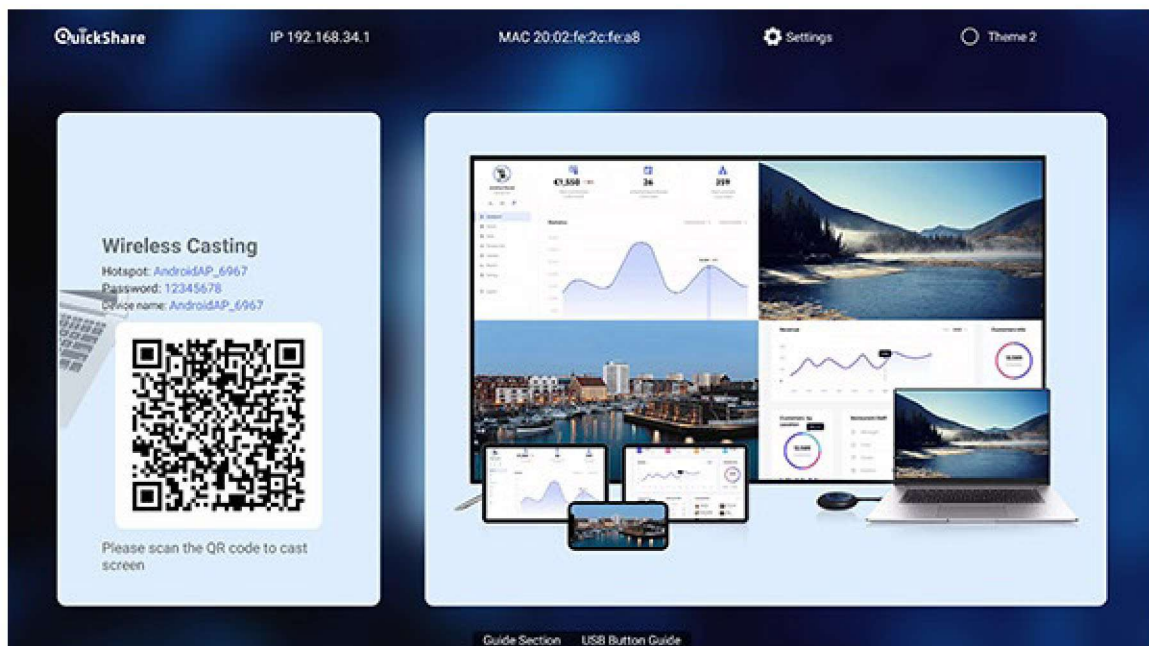
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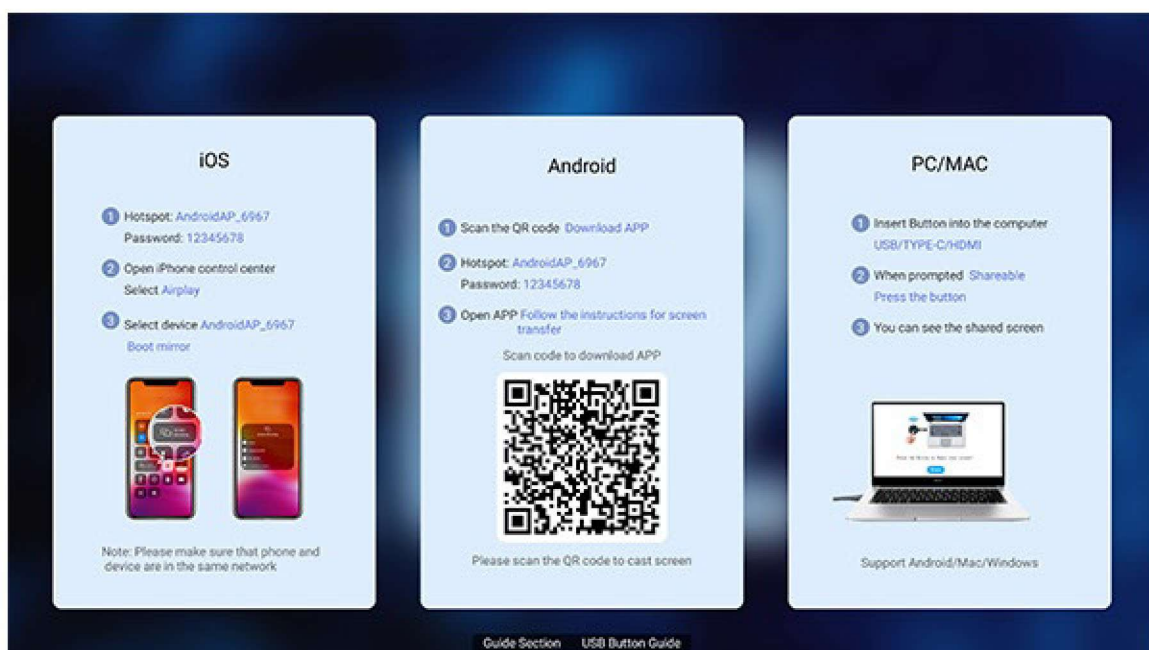


Screen Casting

To open the screen casting app, go to the Android home screen, and select the Screen Share application. Once open, you will see a screen that looks like this:



If you want to connect your iOS or Android smartphone, swipe to the next page, or tap "USB Button Guide" at the bottom of the screen. That will scroll to this page:



Follow the on screen instructions for iOS and Android, and if you have a USB or HDMI button, follow the on screen instructions for PC/MAC.



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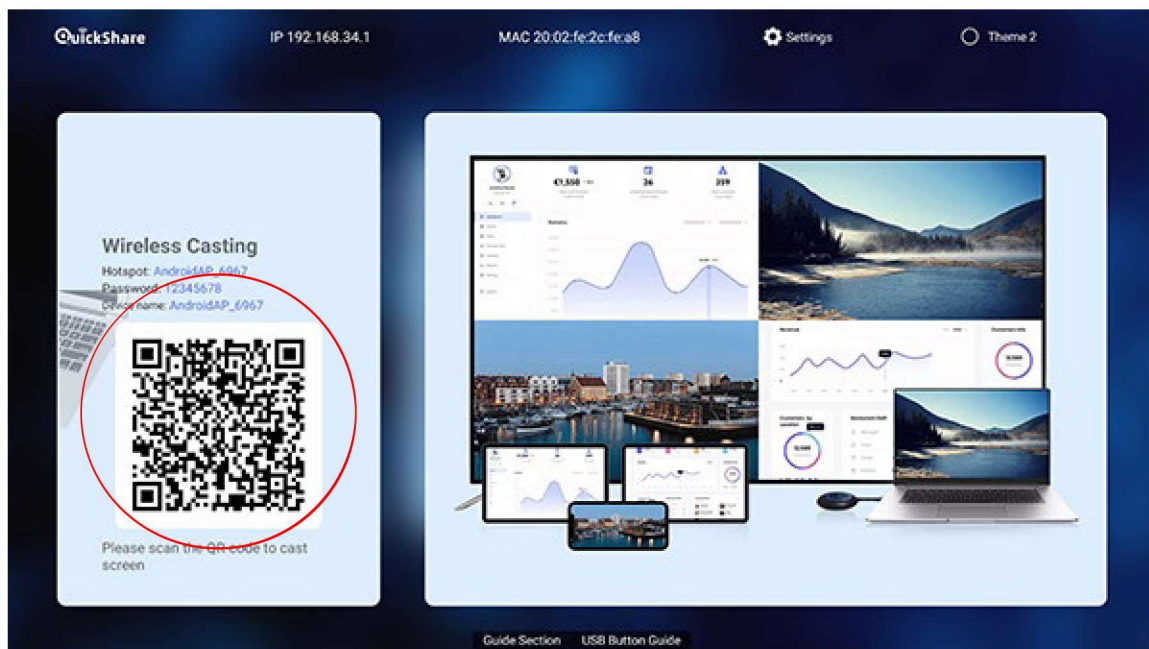
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Screen Casting

Another way to do this is by scanning the QR code on the "Guide section" tab, and downloading the QuickShare VIP application for your device.



After installing the app, follow the in-app instructions to cast your device to the screen.

NOTE: Your device and the screen must be connected to the same network for this to work.



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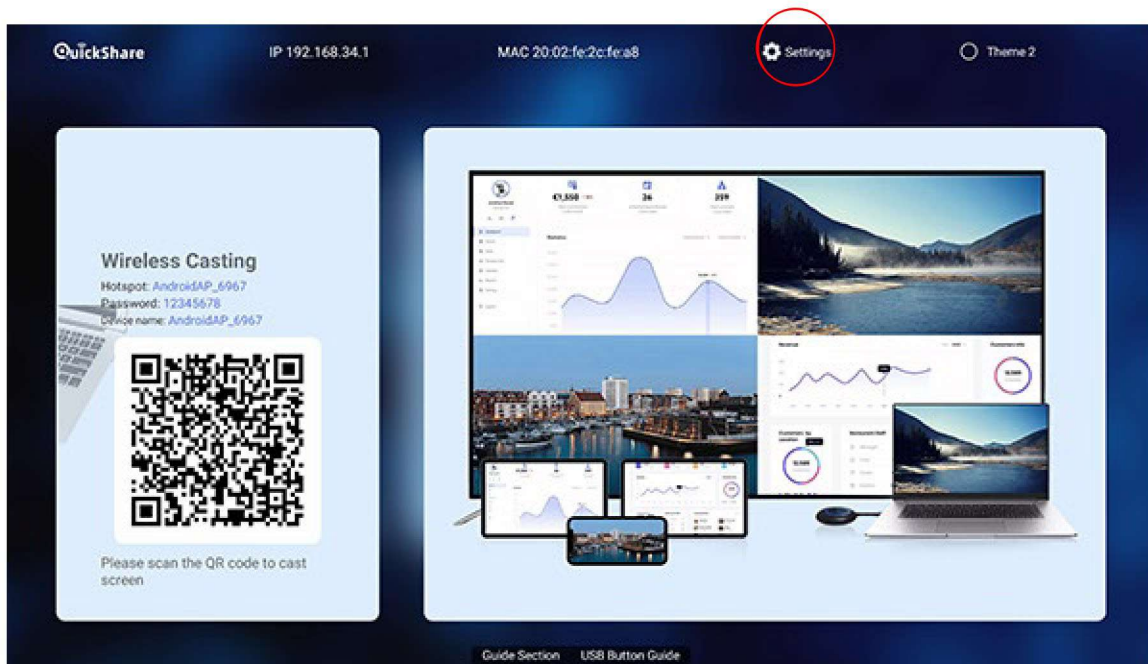
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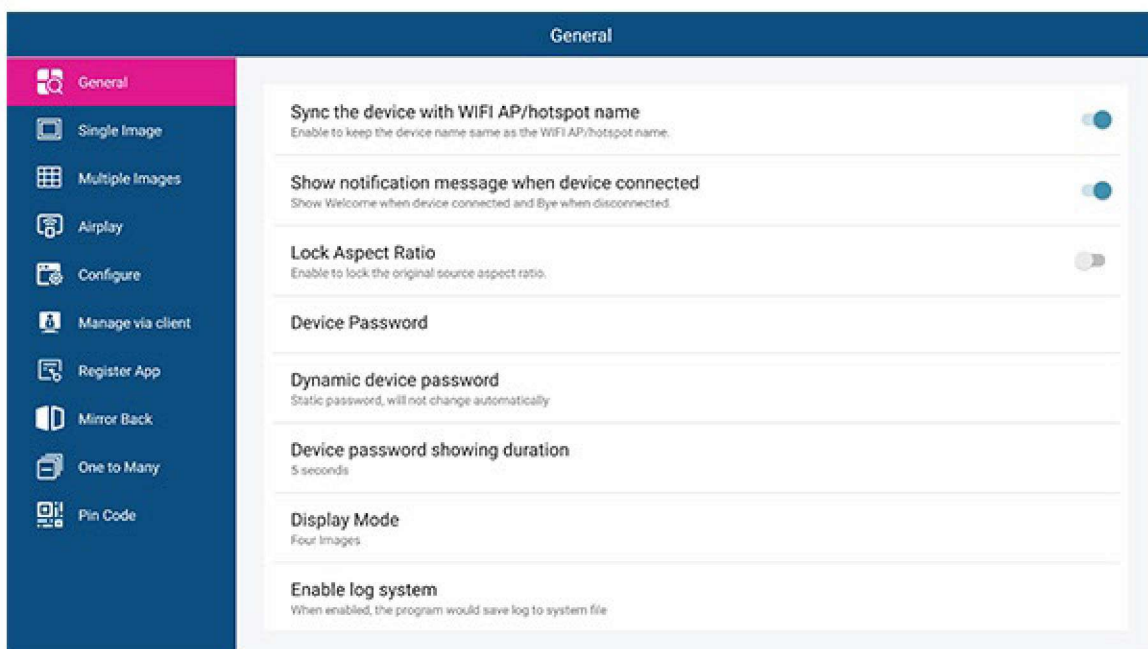


Screen Casting

If you need to change the screen casting settings, press the settings icon (circled below)



This will take you to the screen casting settings menu, pictured below.



Sync the device with WIFI AP/hotspot name: When toggled on, this will change the name of the screen to the Android hotspot's name.

Show notification message when device connected: This shows notifications when a device is connected.

Lock Aspect Ratio: This will force the screen to display at the aspect ratio of the source.

Device password: Set a new password for casting to the screen.



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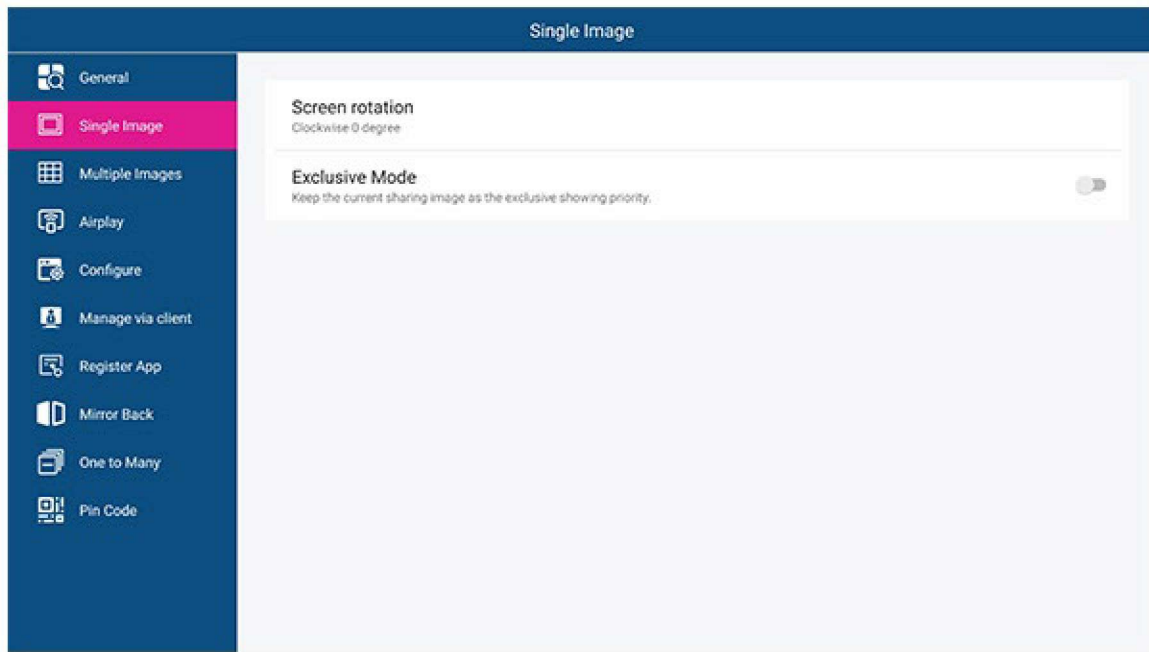
Screen Casting

Dynamic device password: Select from a static or dynamic password. The dynamic password will change at a selected interval.

Device password showing duration: This will change how long the password will display on screen for.

Display Mode: How many connected devices should be displayed at once.

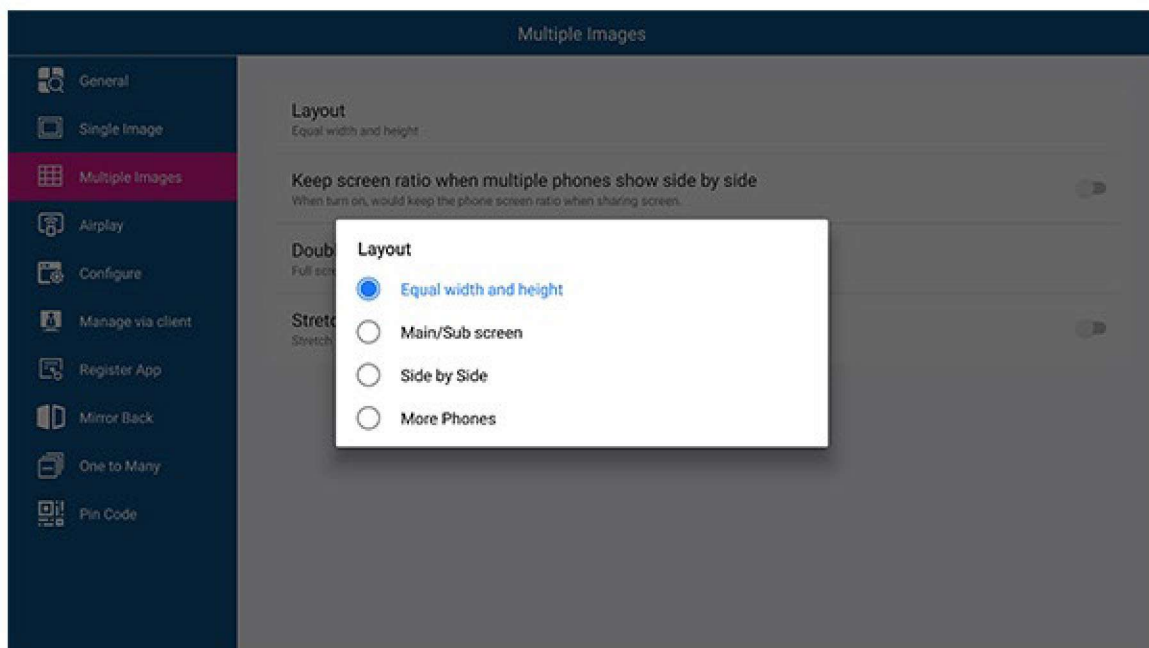
Enable log system: If enabled, the logs will be saved to the system.



Single Image

Screen rotation: Change the orientation.

Exclusive mode: Stop other connections from taking over the currently displayed connections.



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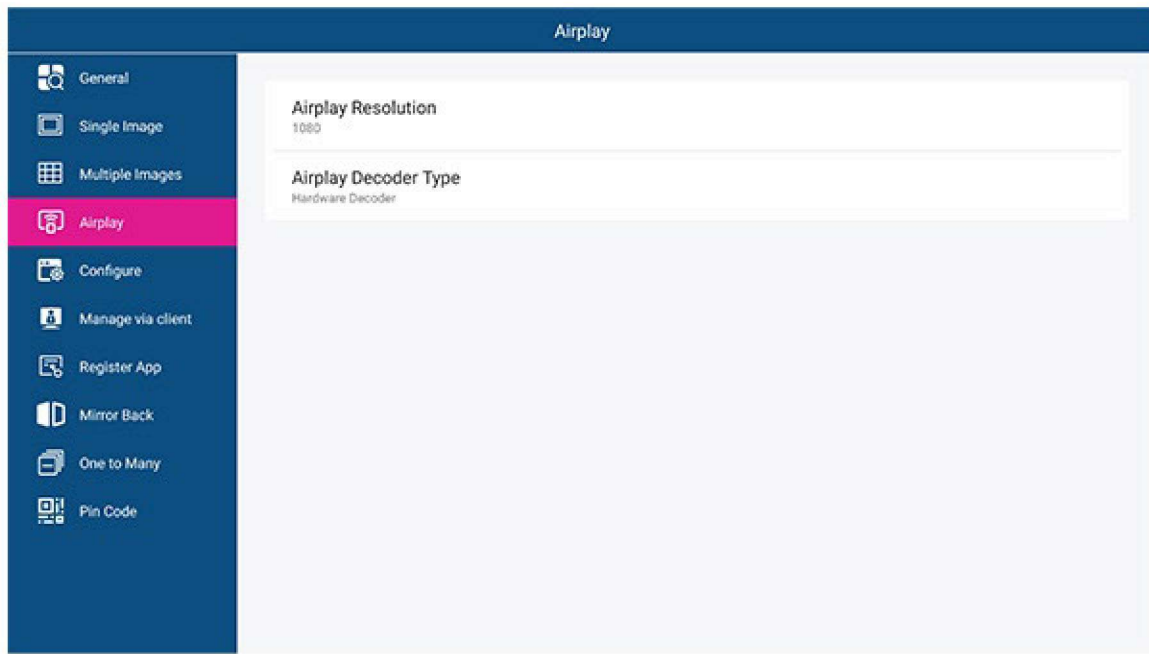
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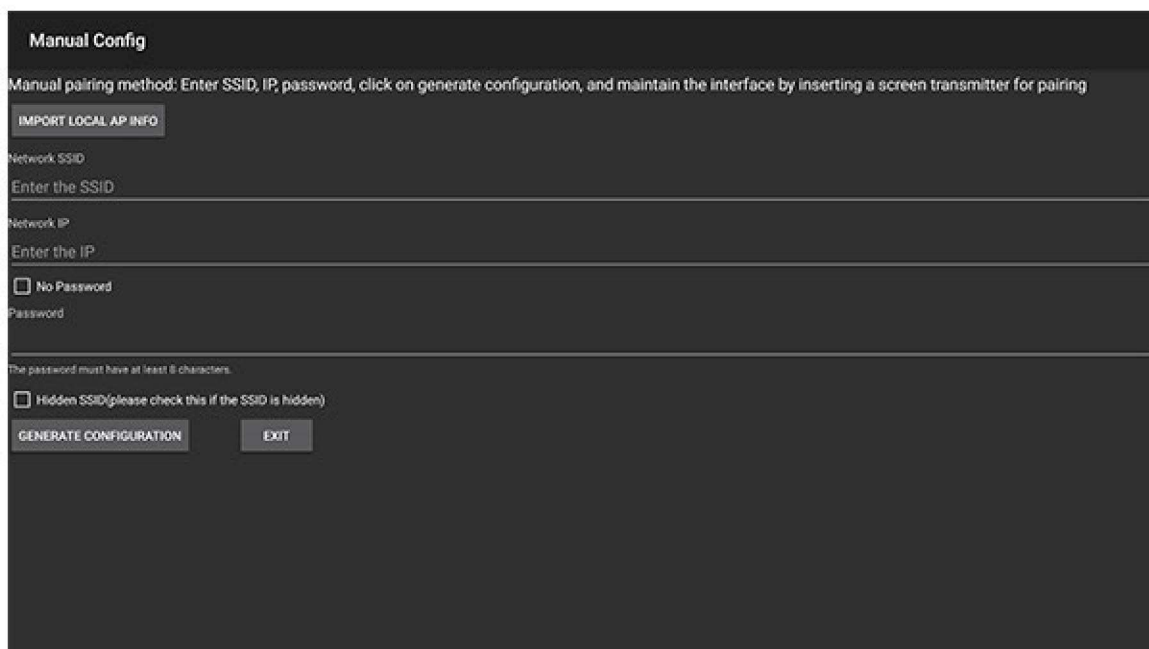
Airplay

Airplay Resolution: Select a resolution for devices casting through Airplay.
Airplay Decoder Type: Select from Hardware or Software Decoder.



Configure

Tapping Configure will bring up the menu below. Enter the details requested if you need to manually pair a device, and then tap "Generate Configuration" at the bottom.



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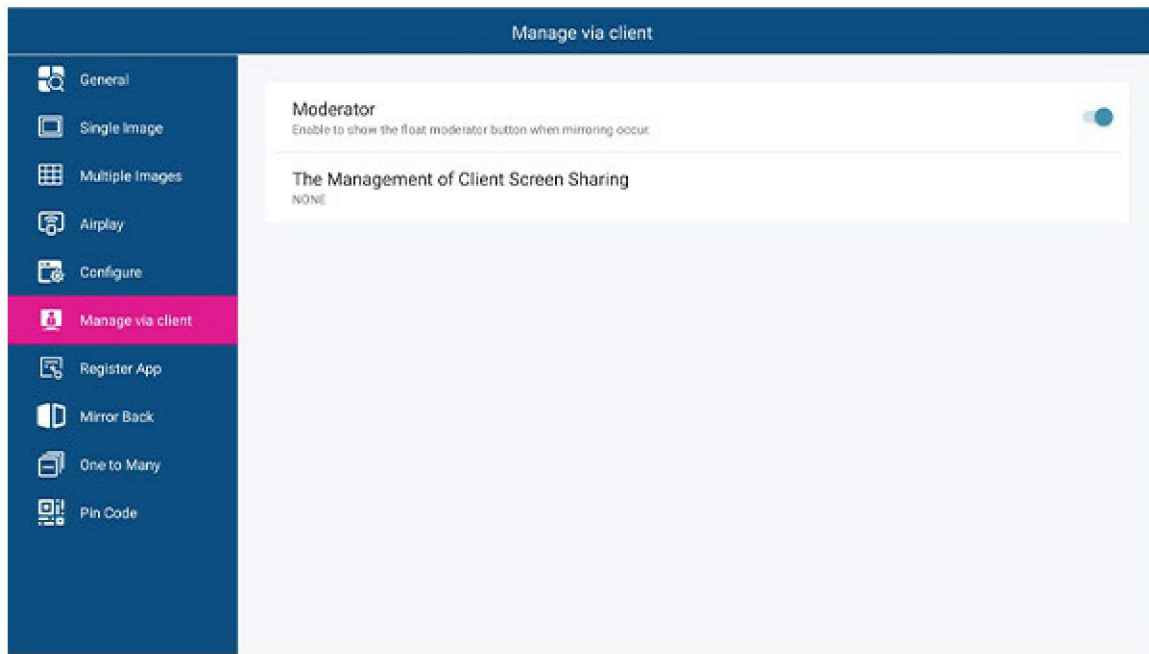
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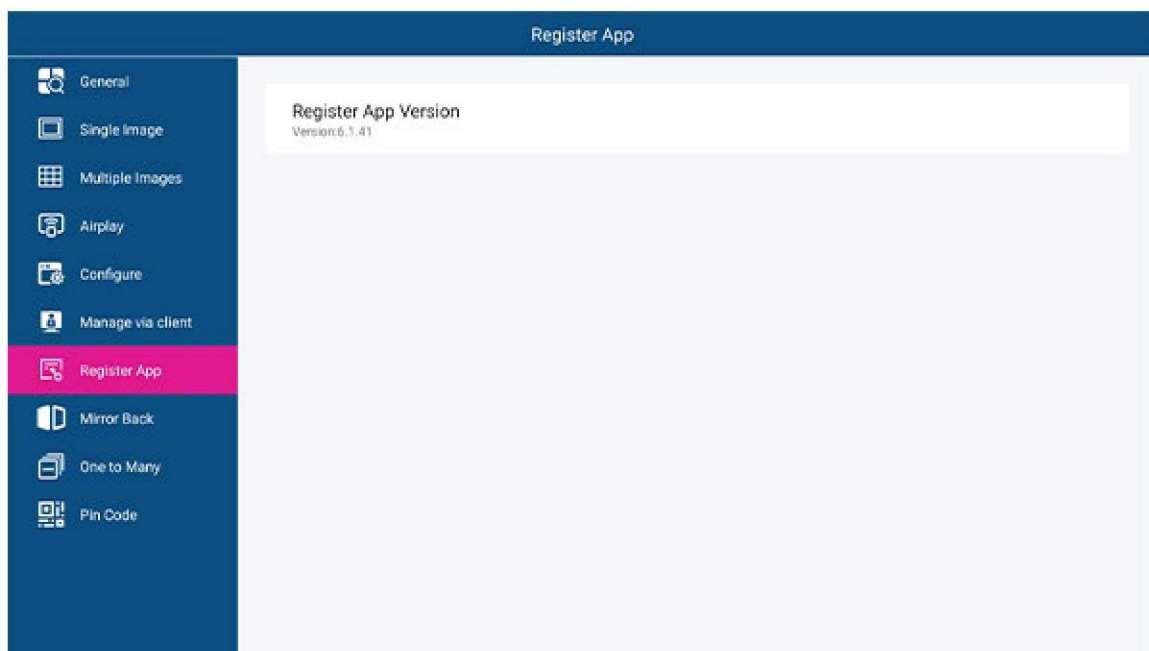
Manage via client

Moderator: Toggle this on to show the floating moderator button on screen when casting.
The Management of Client Screen Sharing:



Register App

This section shows the current version of the Screen Sharing application.



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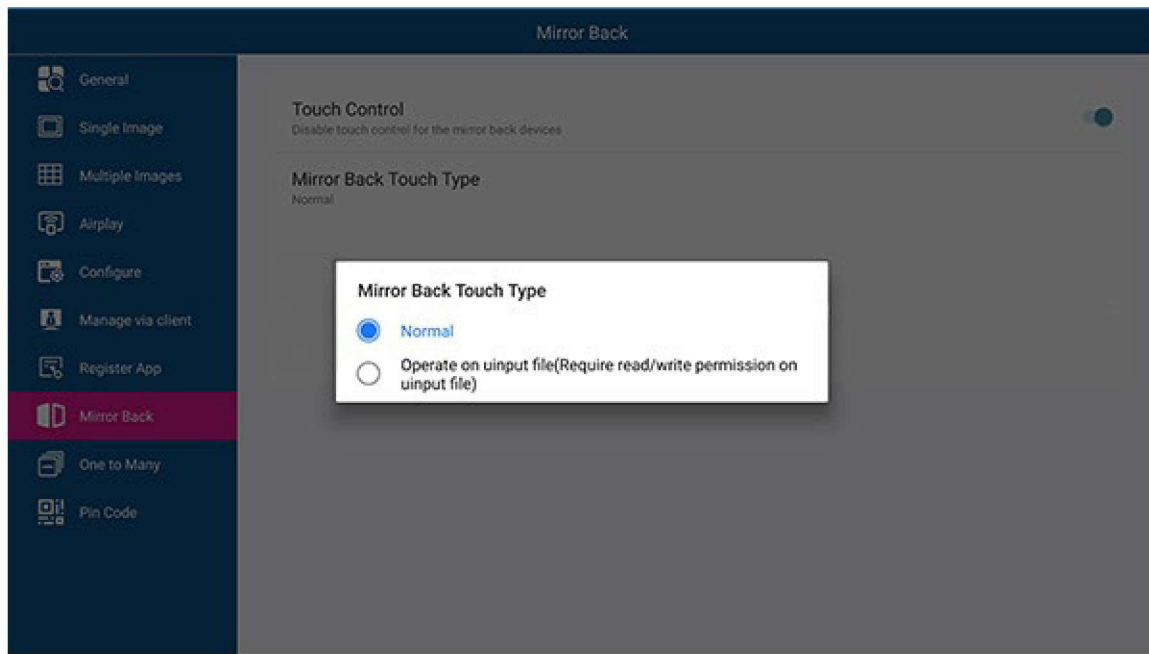


Screen Casting

Mirror Back

Touch Control: Enable or disable touch on the casting devices on screen.

Mirror Back Touch Type: Select the touch mode on screen for the casting devices.



One to Many

Maximum receivers count: Choose how many devices can cast at the same time.

Set the minimum bitrate in poor conditions: Select a bitrate to set.



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Screen Casting

Pin Code

Discoverable: Toggle this on so that the screen is discoverable to devices on the same network.

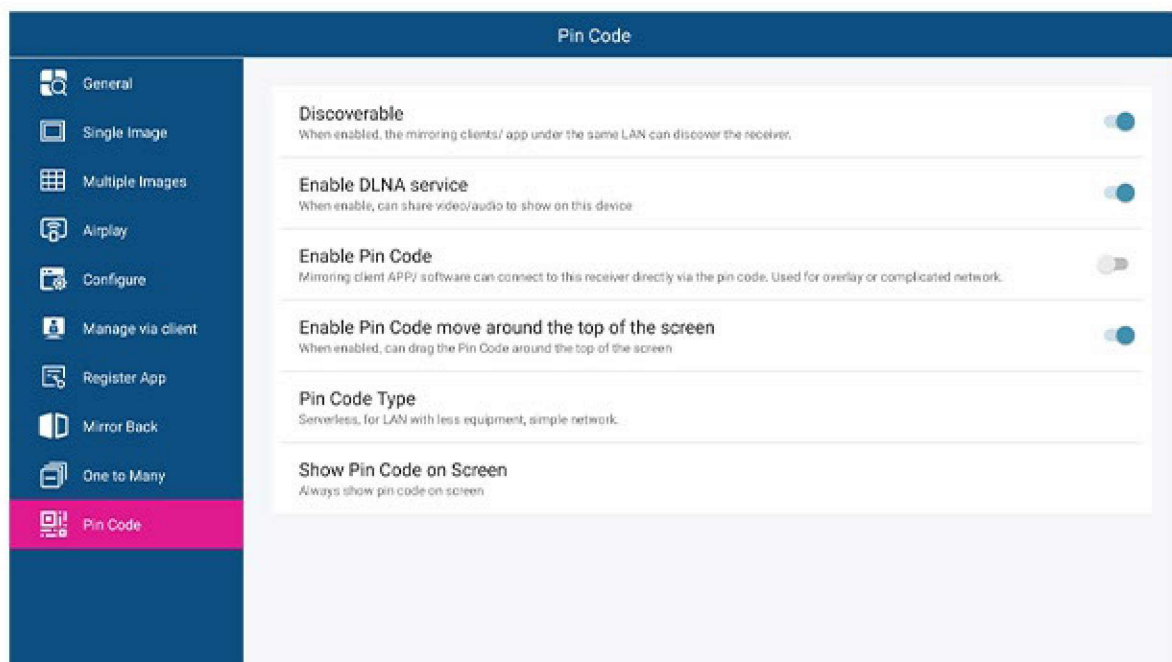
Enable DLNA service: Toggle this on to display media files from the casting device to the screen.

Enable Pin Code: Toggle this on to show a pin code on top of the screen, and enter it into your casting device to directly cast to the screen. (Must be on the same network, and pin entered in the QuickShare app.)

Enable Pin Code move around the top of the screen: When enabled, you can drag the pin code displayed at the top of the screen left or right.

Pin Code Type: Select a type of Pin code.

Show Pin Code on Screen: Choose whether or not to show the Pin Code on Screen, if the "Enable Pin Code" is enabled.



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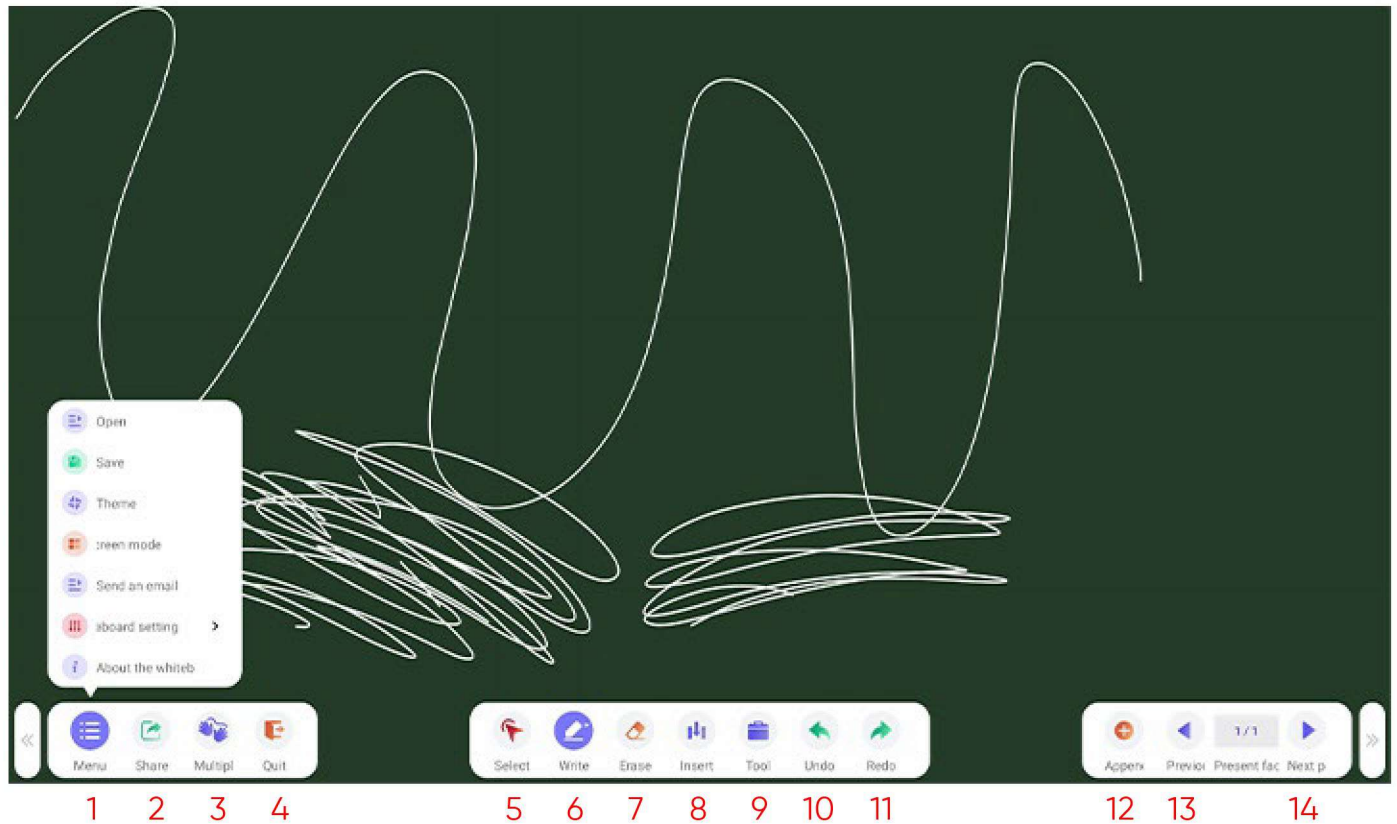
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Whiteboard

Tapping the "Whiteboard" will bring up the Whiteboard application, pictured below. Drag your finger across the screen to draw and erase.

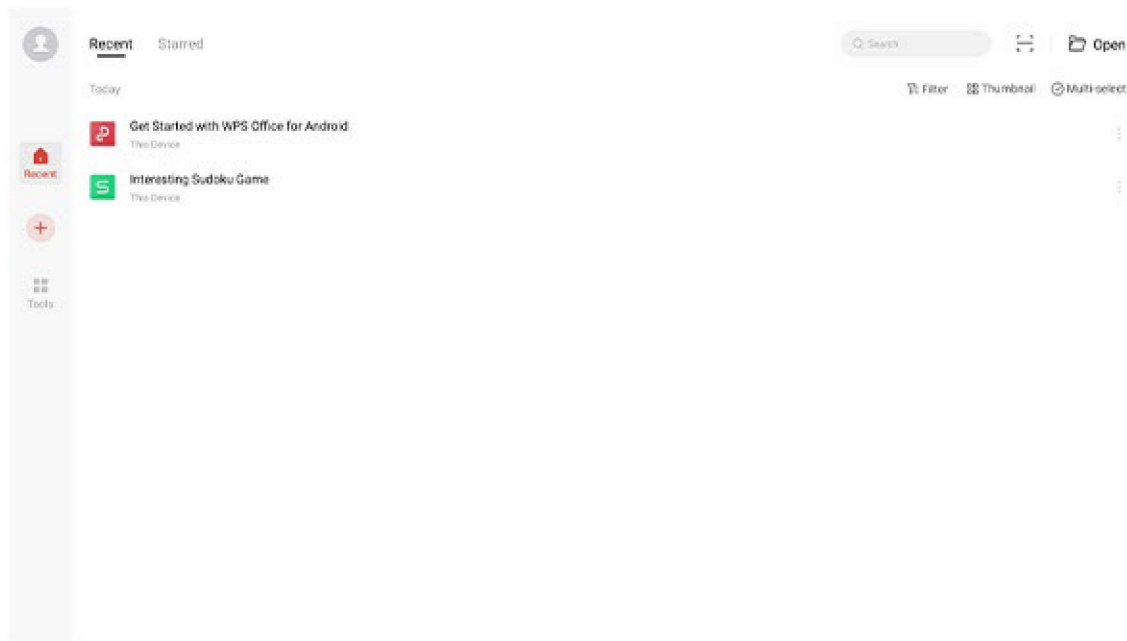
Tap one of the arrows pointing to the left and right edges of the screen to hide the toolbar.



1. Open the Menu - open, save, change the theme, send as an email, settings and about.
2. Share your drawing (network connection required)
3. Toggle between single finger and multiple fingers allowed.
4. Exit the Whiteboard application
5. Select part of your drawing.
6. Draw - drag your finger on the green area to draw.
7. Erase - drag your finger over areas you have drawn on to erase them.
8. Insert - insert a shape/web page/image from the local file system.
9. Tool - choose from a variety of tools, such as protractors, rulers, a stopwatch and more.
10. Undo your last change.
11. Redo - restores the changes you have undone.
12. Append - adds another whiteboard page.
13. Previous - goes to the previous whiteboard.
14. Next - goes to the next whiteboard.

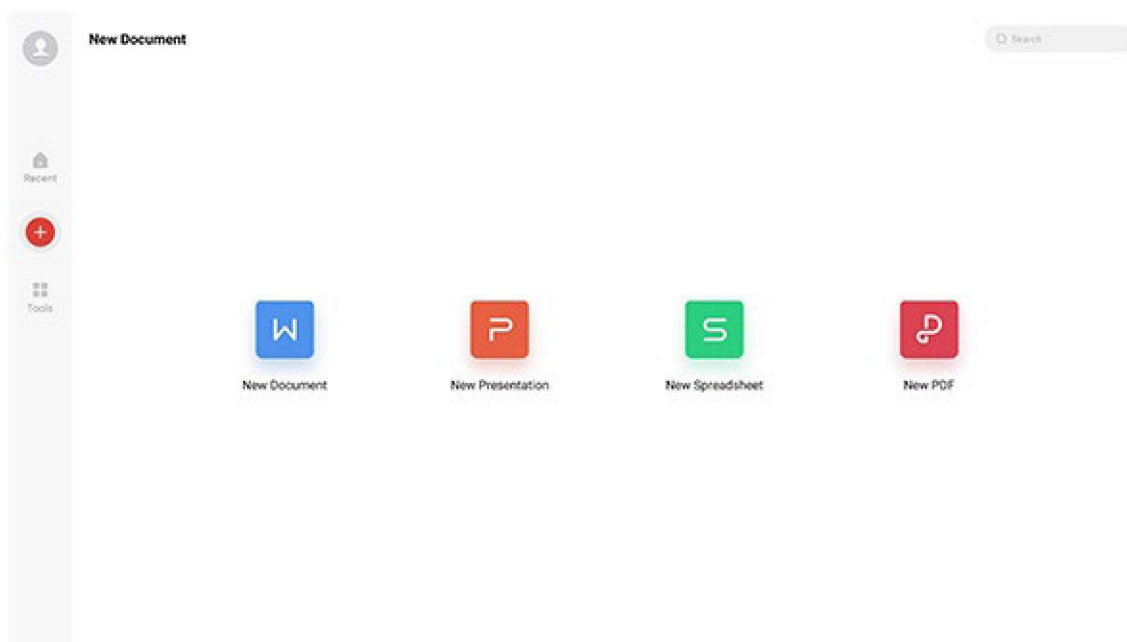
WPS Office

Tapping “WPS Office” will bring up the WPS Office application, pictured below.



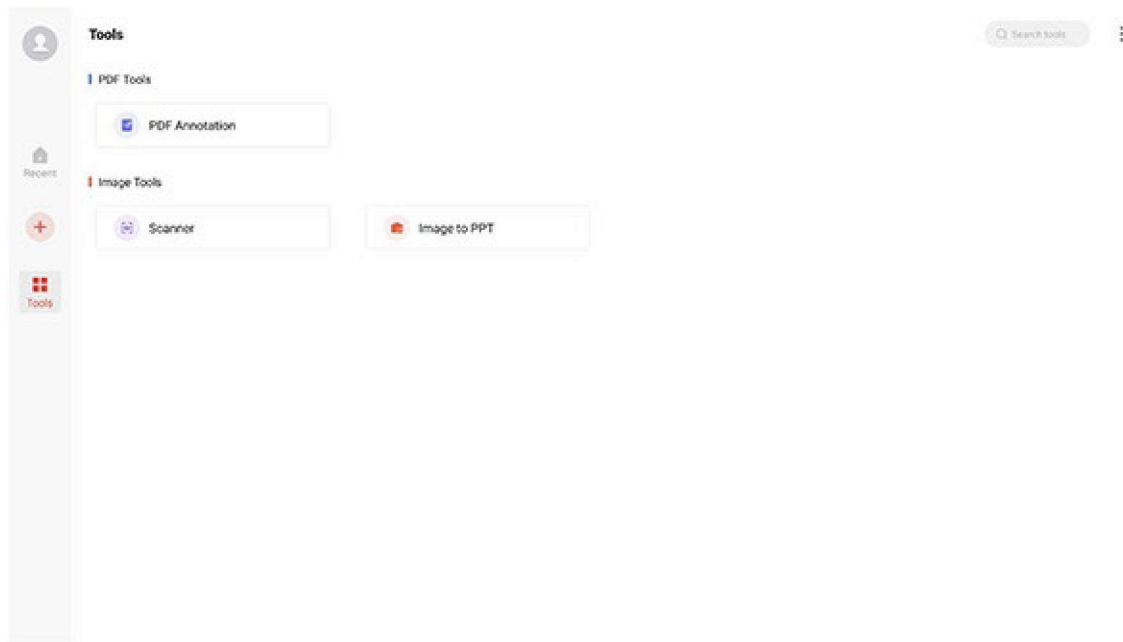
In this home section, it displays your recent files, as well a “Get Started with WPS Office for Android document”. This is included with every install of WPS Office for Android by default.

Tap the red + button on the sidebar to create a new document, presentation, spreadsheet, or PDF. Tap the icon of whichever file type you need to create.

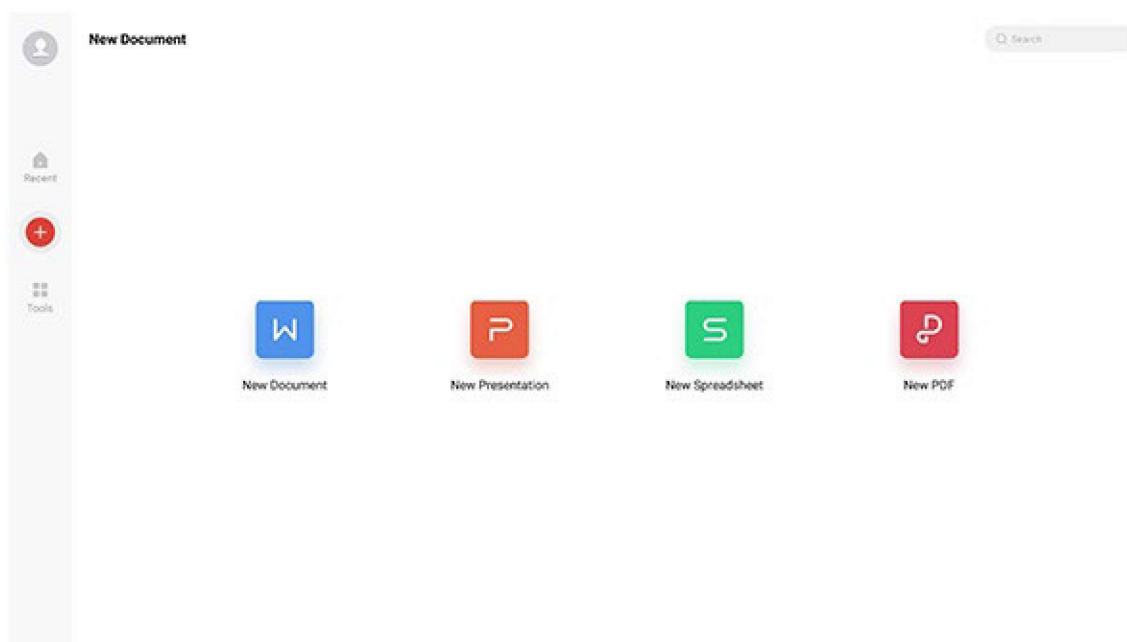


WPS Office

Tapping "Tools" will display some useful tools, such as a PDF annotation tool, within which you can annotate over PDFs within the local file system or in an external storage device, such as a USB stick.

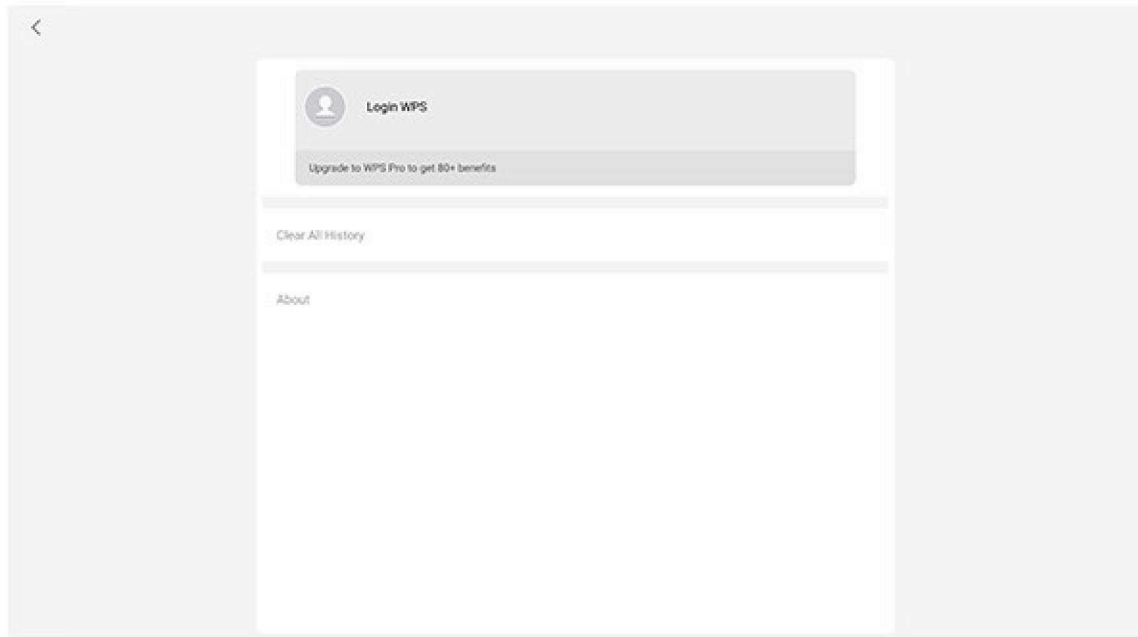


The Scanner opens up a the camera application, in which you can scan a document. The Image to PPT allows you to select an image or document to turn into a powerpoint.



WPS Office

If you have a WPS Office account, you can log-in by tapping the profile picture at the top left, and entering your details.



To open a file from the filesystem, navigate to the home screen by tapping the “Recent” icon on the left sidebar, and then tapping “Open” in the top right corner (circled).



Troubleshooting

Please Note

- Excessive use of speakers at maximum volume will blow the speakers.
- This will not be covered under warranty.



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