Training Manual:

EduTouch Interactive Panel

'PX'

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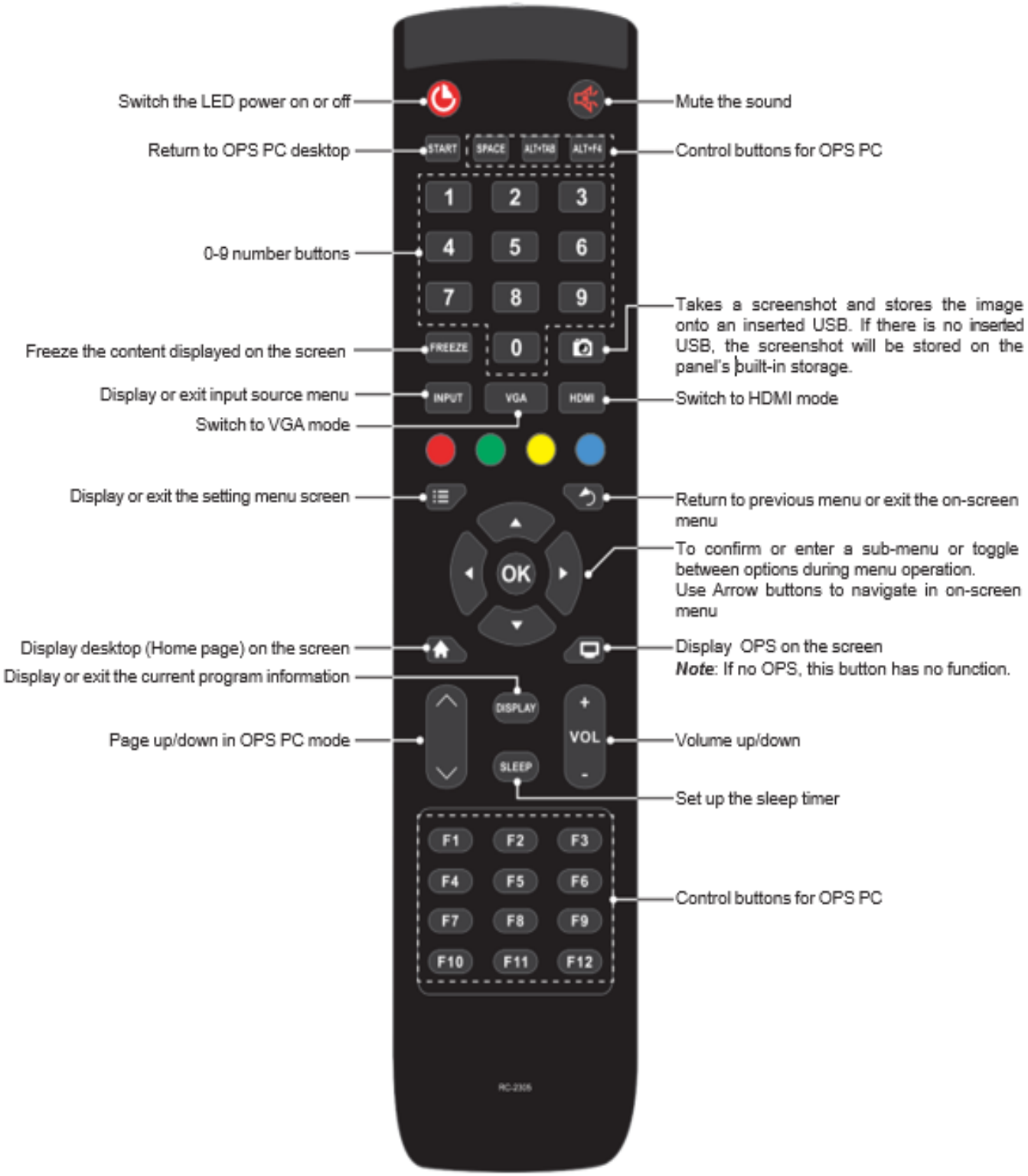
The Panel's Key Functions

Function	Description
Secondary Power Switch	The secondary power switch is located on the lower left-hand side of the panel below to the power cord.
Power Button	Press the button in the centre of the panel to turn it on. The power indicator light on the front left-hand side is Blue if the panel is turned on and Red if the panel is off.
Stylus Pens	Two pens are supplied with the panel and can be used simultaneously.
USB Ports	There are 2 USB-A ports on the front bottom right-hand corner of the PX panel, 3 on the lower right-hand side and 1 on the top. A USB-C port is located on the front bottom right-hand corner and on the bottom right-hand side of the panel.
Input Connections	Connect an external PC or Mac using HDMI, VGA, DisplayPort or USB-C on the bottom right-hand side. To obtain touch on the panel, connect the USB-B cable to the Panel's Touch Out port and the USB-A to the PC. Use Touch out 1 with HDMI in 1. Use Touch out 2 with HDMI in 2, DP or VGA.
Remote Sensor	The remote sensor is on the bottom left-hand side of the screen. There are two remote controls for this panel. The colour buttons in the centre of the remote can be used to: Red: Blacks the screen Blue: Locks the panel. Enter the password (default 0000) to unlock the panel.

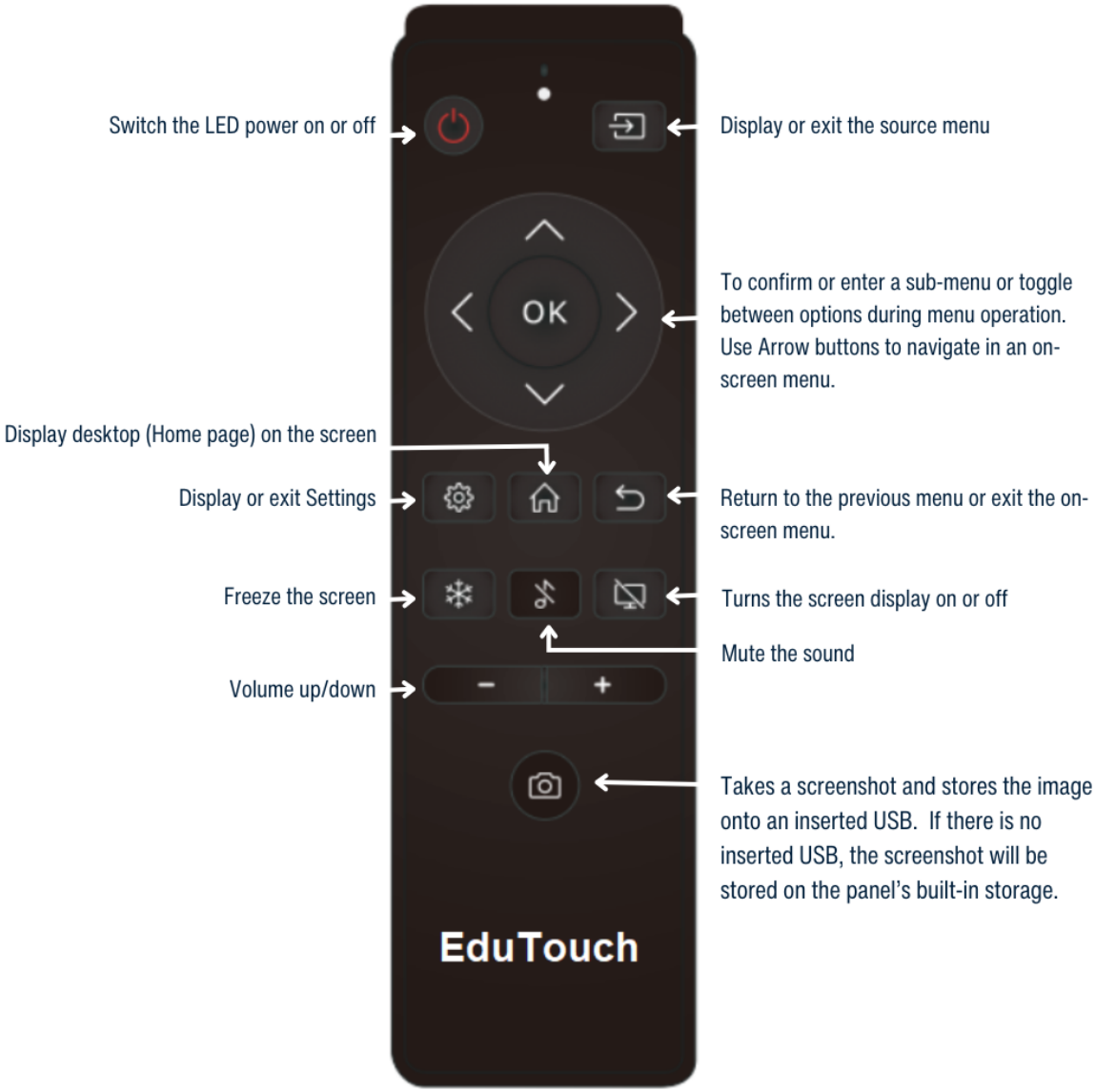
Remote Control

Ensure the remote is pointed directly at the sensor located on the bottom left of the panel.



Remote Control Mini

Ensure the remote is pointed directly at the sensor located on the bottom left of the panel.



Home Screen

The Home Screen displays when the panel is turned on and features four icons: File (File Explorer), Whiteboard, Browser and APPS.

The current date and time are displayed in the centre of the panel.

The File, Whiteboard and Browser icons can be changed by long pressing the icon to display the available options. Choose the replacement App by tapping it.

Access to additional Apps and tools is available by swiping:

- Right to access the APPS menu.
- Left to access the EShare (Wireless Projection) screen.
- Up from the bottom left-hand or right-hand sides to access the pop-up Tools menu.
- Up from the bottom centre of the panel to access the Source tool if an optional OPS is installed.

Screen Sidebars

Identical screen Sidebars are in the middle of both the left-hand and right-hand sides of the panel. Tap either arrow to display the Sidebar functions.

Sidebar Functions

Four options can be accessed via the Sidebars:

Displays the Panel's Home Screen.

Return 'BACK' to the previous screen.

View Running Apps.
(Swipe them either way or tap the brush in the lower bottom to remove.)

Annotation Tools *(refer to page 8 for additional information.)*

Annotation Tools

The Annotation tool is used to write and erase text and objects. Images can be inserted into the Whiteboard, saved on the local panel or a USB, or shared directly to a device via a QR code.

Alter the pen's colour and thickness.

Tap once to erase with your hand. Tap again to slide to clear all.

Save the image as a PNG directly on the panel or an inserted USB, insert the image into the Whiteboard or share it to a device via a QR code.

Returns to the previous sidebar.

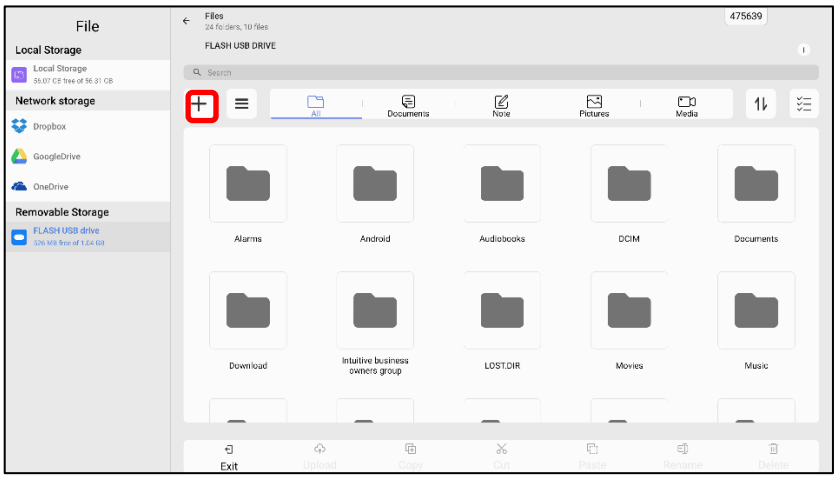
Exit the Annotation Tools.

Note: – If a USB drive is inserted, the image saves automatically to the USB.

File (File Explorer)

File Explorer is a file management application used to access DOCX, PPTX, XLSX, PDF, audio and video files stored on the panel (Local Storage), Dropbox, Google Drive, OneDrive (Network Storage) or a USB (Removable Storage).

To open File Explorer, tap the **File** icon on the Home Screen or the APPS Screen. The default folders are displayed and cannot be removed. Additional folders can be added by touching the **+** on the top toolbar.



The following functions are available in File Explorer:

Tool	Description
Search Files	• Tap the **Search** Bar on the top centre of the screen. • Enter the filename from the pop-up keyboard. • Tap the magnifying glass to start the search.
Add a Folder	• Tap on the left-hand side of the top toolbar. • Enter the folder's name using the pop-up keyboard. • Tap **OK**.
Toggle the views	• Tap to toggle between the list view and the grid view.

Top Menu	• Select the type of files(s) to display:
	  • All folders
	  • Documents
	  • Notes (Whiteboard files)
	  • Pictures
	  • Media files.

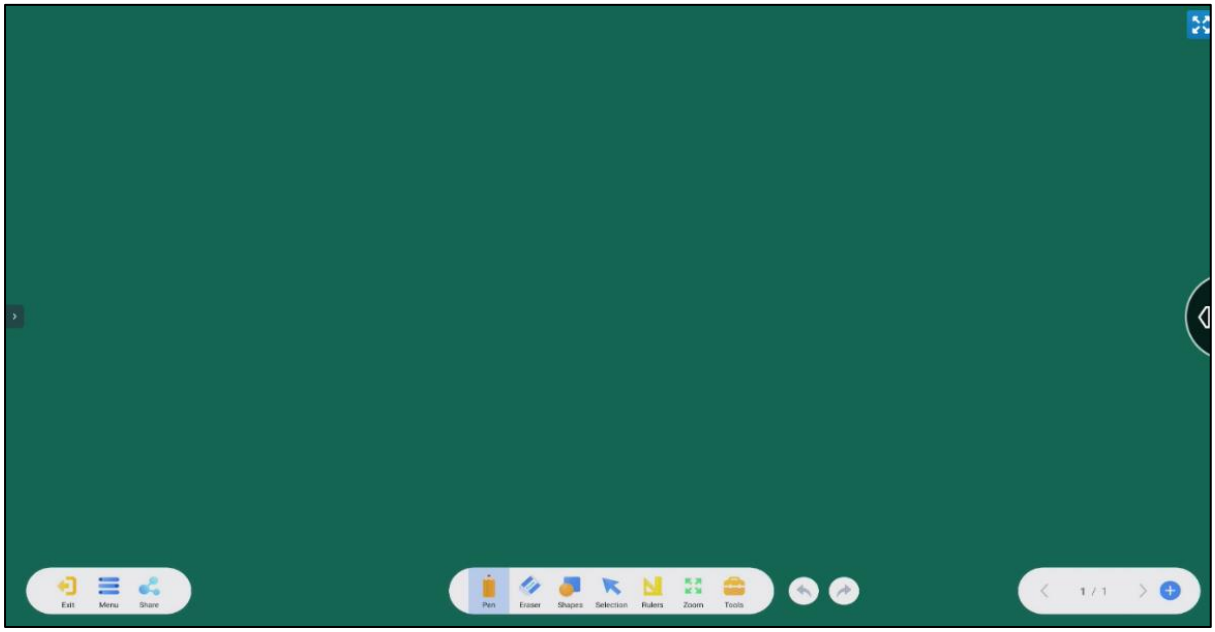
Sort Files or Folders	• Tap to sort files by:
	  • Name
	  • Type
	  • Size
	  • Last Modified
	
	And display them in Descending or Ascending order.

Select Files	• Tap • Select the file(s) by tapping the file, files, or folders, or by tapping the selection boxes on the right-hand side. • Tap the icon again to select all.
Download Files	• Downloads a file from Network Storage (Cloud) to Local Storage (Panel). • Log into your Dropbox, GoogleDrive or OneDrive account. • Select the file to Download. • Tap **Downloads** on the bottom toolbar. • Choose the download location.
Upload	• Uploads the selected file/folder to Dropbox, GoogleDrive, or OneDrive.
Open a File or Folder	• Tap once to select it. • Double Tap to open it. **Note: Network Storage files must be downloaded before opening.**
Cut/Copy and Paste	• Select the file(s) or folder(s). • Tap the **Cut** icon to cut, or • Tap the **Copy** icon to copy. • Select the location folder: Local Storage (Panel) or Removable Storage (USB). • Tap the **Paste** icon to paste. **Note: Files are added to Network storage by uploading.**
Rename a File	• Select the file(s) or folder(s) to rename. • Tap the **Rename** icon. • Enter the new name from the pop-up keyboard. • Tap **OK**.
Delete a File	• Select the file(s) or folder(s) to delete. • Tap the **Delete** icon. • Tap **OK**.
Saving Files	• File Explorer will automatically save files to an inserted USB, otherwise files are saved on the panel.

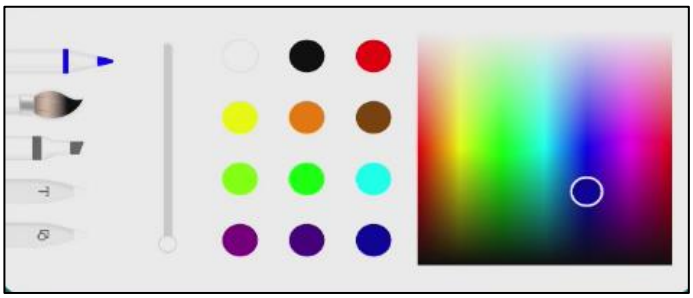
Whiteboard

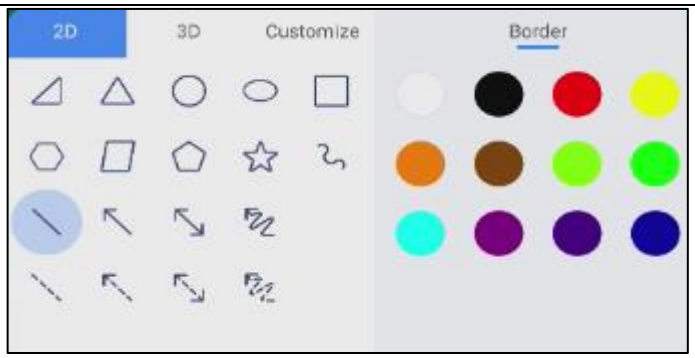
Whiteboard is an interactive whiteboard application which allows teachers and students to annotate, draw and utilise the various built-in tools.

To access the Whiteboard, tap the **Whiteboard** icon located on the Home Screen or the APPS Screen.



Function	Description
1. Exit	To exit the Whiteboard, tap the **Exit** icon.
2. Menu	To access the Main Menu, tap the **Menu** icon on the bottom left-hand corner of the screen. The options are: **2.1– Pen Recognition** selects the preferred pen style. • Traditional – Pen and Finger write in the same style. • Dual - Pen and Finger write in different styles. • Combi – The pen writes and your finger either selects or erases. **2.2 - New File** starts a new Whiteboard file. **2.3 - Open** opens an existing Whiteboard file. **2.4 - Import** uploads a JPEG, PDF, SVG or IWB file from the panel or USB. **2.5 - Save** saves the current Whiteboard file on the panel or USB. **2.6 - Save As** saves a JPEG, PDF, UBC, SVG or IWB file to the panel or USB.

3. Share	To share the Whiteboard file: • Select whether to share to the Cloud (Dropbox, OneDrive or Google Drive) or via a QR code. • To use the QR code, the panel and the device must be on the same network. • If the QR code is selected, the image is automatically available on the device.
4. Pen	To use the writing tool, tap the **Pen** icon using one end of the pen. • Tap again to open the menu.  • Using the same end of the pen, tap the pen type, colour and thickness. There are five pens: • Pen • Paint brush • Chisel pen • Text recognition - any written text will be converted into a font. • Shape recognition – a hand-drawn shape will be converted into a geometric shape. • The pens can be flipped to write on either end.
5. Eraser	To access the eraser, tap the **Eraser** icon. • Tap again to open the menu. Three options are available: • Slide to clear all. • Object eraser – Draw a line through the object or drawing to erase it. • Point eraser – Select the eraser size and use the hand to erase.
6. Shapes	To draw 2D, 3D shapes, or lines, tap the **Shapes** icon. • Tap again to open the menu. Check this image

<table>
<tr><td></td><td> 

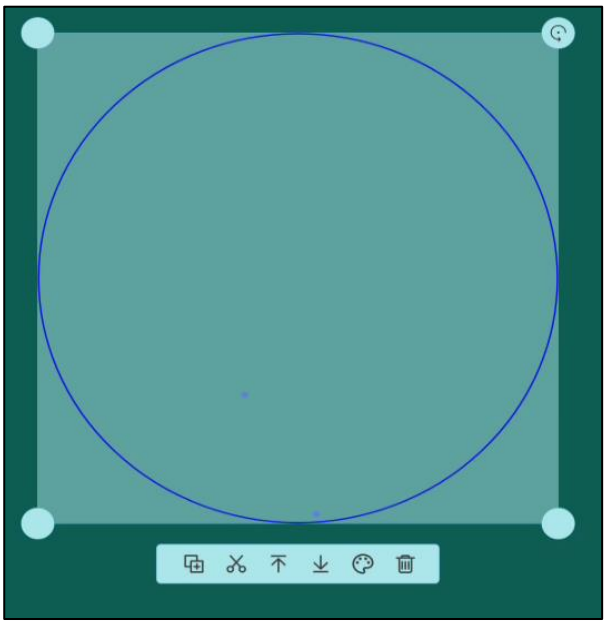
Select the shape, shape border, fill colours, line type and colour.
Place the pen in the starting location and drag the shape to the desired size.
</td></tr>
<tr><td>7. Selection</td><td>To select an object, tap the Selection icon.

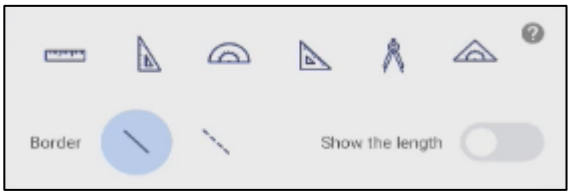
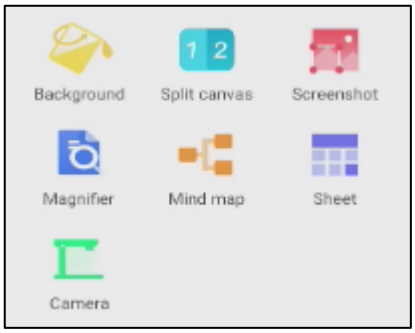
Objects can be selected by:

Using a pen or a finger to draw a circle around an object.
Tapping the object.

Once selected, the object can be:

Moved by holding and dragging it to the desired location.
Resized by dragging the object’s corner dots to the desired size.
Rotated by tapping and holding the icon on the top right.
Copied by tapping the copy icon on the Selection toolbar. A new icon appears to the right of the Undo & Redo icons on the bottom toolbar. Tap it to duplicate the object.
Cut by tapping the cut icon on the Selection toolbar. A new icon appears to the right of the Undo & Redo icons on the bottom toolbar. Tap it to paste the object.
Deleted by selecting the trash can.

 </td></tr>
</table>

	The item's colour can be changed by tapping the palette and selecting the new border and fill colours.
8. Rulers	To use the geometric measuring tools, tap the **Rulers** icon. A variety of measuring tools are displayed: a ruler, set squares, a protractor, and a compass. • Slide the indicator to show the length in centimetres. 
9. Zoom	To access roaming, tap the **Zoom** icon. The contents of the page can be: • resized (expanded to obtain clarity or reduced to obtain more room). • moved.
10. Tools	To access additional tools, tap the **Tools** icon to display a toolbar containing:  • **Background** changes the background colour, choose a preset templated background, or upload an image to be used as a background. • **Split Canvas** – to enable two people to work on the panel at the same time. • **Screenshot** – takes a screenshot of a section or the entire screen. • **Magnifier** – enlarges objects**.** • **Mind map** – inserts a mindmap on the screen. • **Sheet** – to create a table inside the Whiteboard. • **Camera** – to take pictures using an optionally connected camera.
11. Undo	To **Undo** the last action.
12. Redo	To **Redo** the last action.

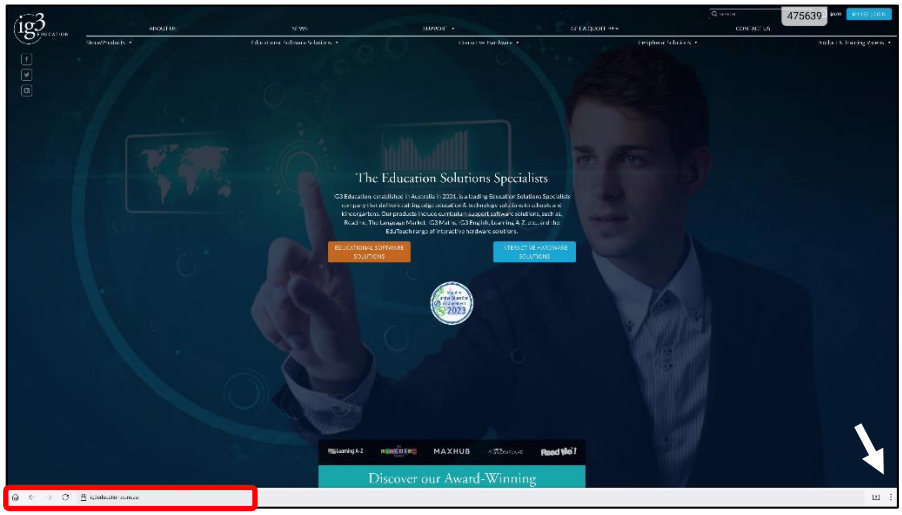
13. Previous	To display the **Previous** page.
14. Page List	To display a list of all pages, tap the page numbers. A menu displaying the pages appears on the right-hand side. Tap the page to open that page, **X** to permanently delete the page, **+** to add another page or the copy icon to copy the page.
15. Next	To display the **Next** page.
16. Add	To **Add** a new page.

Browser

The browser allows access to basic internet sites. The browser can be accessed from the Home Screen or the APPS Screen.

To search for a website or for information:

- Tap the **Search Bar** on the bottom of the screen.
- Enter the search criteria or the website details on the pop-up keyboard.
- Tap **Enter**.



The browser can be customised by:

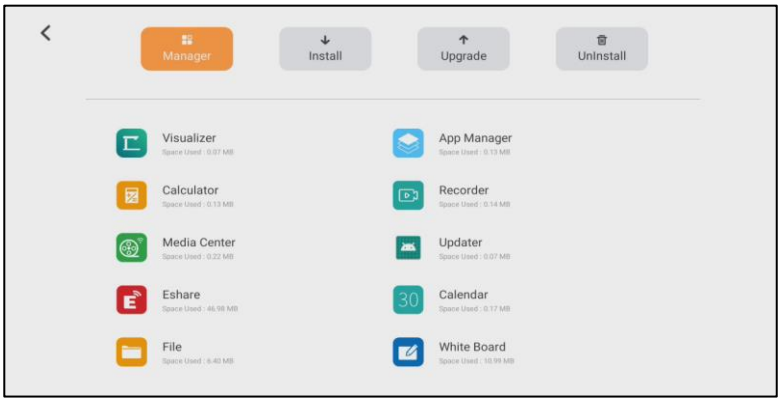
- Tapping the three dots on the bottom right-hand corner.
- Selecting **Settings**.
- Selecting **Customize**.

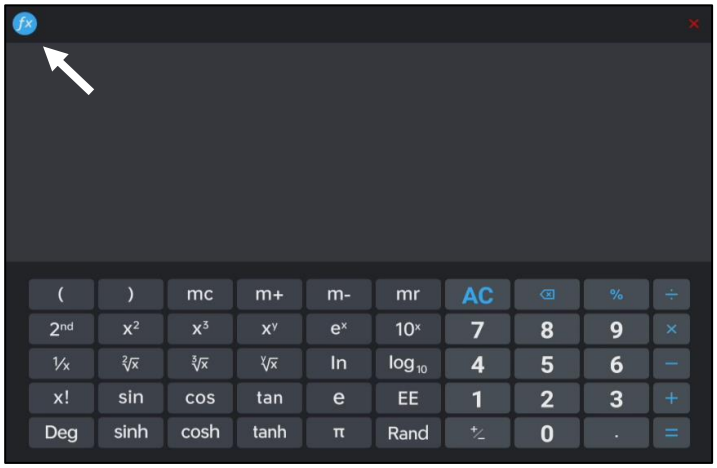
APPS

To access additional applications on the APPS screen, tap the **APPS** icon on the Home Screen or swipe the Home Screen to the right.

The APPS Screen is displayed:

The following applications are available:

Application	Description
App Manager	

Calculator	Opens a calculator in a basic view. Tap **fx** on the top left-hand side of the calculator to display the functions.  Tap ⇌ to access conversion shortcuts such as Length, Area, Volume, Temperature, Speed, Time, Weight and Base Units.
Calendar	Opens a calendar which can be viewed in a day, a week or a month view.
File Explorer	*Refer to File Explorer on page 9 of the manual for more information.*
Browser	*Refer to Browser on page 16 of the manual for more information.*
Media Center	*Refer to Appendix B – Media Center on page 53 of the manual for more information.*
Miracast	Allows Intel devices running Windows to directly connect to the panel using Miracast. ‘ **Note: Tap is not supported with Miracast devices.**
Recorder	Records the screen’s movement on the panel.
Settings	To access Settings, tap the **Settings** icon located in the APPS Screen or on the pop-up Tools menu.

	  The following settings are available to configure: **Network & Connected Devices:** • Connect to the schools' network via Wi-Fi or Ethernet. • Connect to the panel via the built-in Hotspot. • Attach a personal keyboard or mouse via Bluetooth. **Device:** • Manage the panel's picture and sound devices. **System**: • Lock the panel and the panel's features. • Enter the password to unlock. (Default 0000) • Manage apps. • Manage the Sleep times. **Others:** • Change date and time if required. • Select the menu language. • Set the Keyboard and inputs. • Change the Wallpaper.
Visualizer	Use a camera to capture items such as books and display them. **Note: An optional camera must be connected.**
Whiteboard	*Refer to the Whiteboard on page 11 of the manual for more information.*
WPS Office	WPS Office accesses DOC, DOCX, PPT, PPTX, XLS, XLSX, PDF or TXT files stored on the panel or a USB. Files can be annotated, edited, and saved. Files can be accessed from the built-in storage, the cloud or a USB.

EShare

EShare is a wireless display solution preloaded on the interactive panels. It provides wireless display and touch control for Windows and Mac laptops and desktops, and wireless display for iPads, tablets, and mobile phones.

Up to nine devices can be displayed simultaneously and up to 50 devices can be connected.

EShare requires network access, and all devices must be connected to the same subnet or able to access the Panel's Hotspot *(refer to page 20 for information)*.

There are three main features available with EShare:

1. **Screen Sharing -** Up to nine devices (PC/Mac/Mobiles/Tablets) can be mirrored on an interactive panel at one time.
2. **TV Mirror** to view the panel's contents on a device.
3. **Remote** to control the panel from a mobile device.

Refer to **Appendix A** on page 27 for more information on EShare.

Hotspotting the Panel

To configure the Panel's Hotspot:

1. From the Home screen, swipe to the left to display the EShare Wireless Projection screen.
2. Slide the Hotspot indicator to **On**.
3. The Hotspot name and password are displayed.
4. Choose the Bandwidth: 2.4GHz or 5GHz.

To hotspot to the panel:

1. Swipe up from either the bottom left-hand or bottom right-hand side of the Home Screen to display the Tools menu.
2. Tap the Hotspot icon in the top middle of the Tools menu to open it.
3. Connect to the Hotspot.

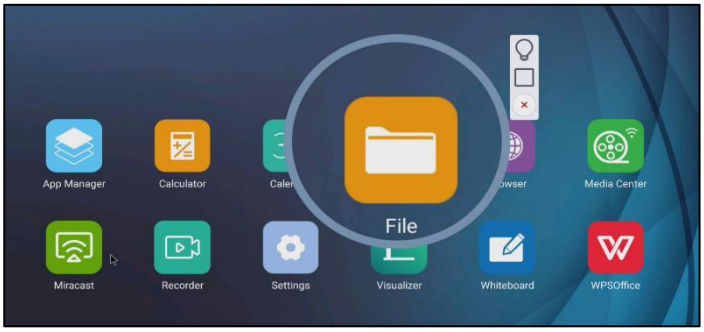
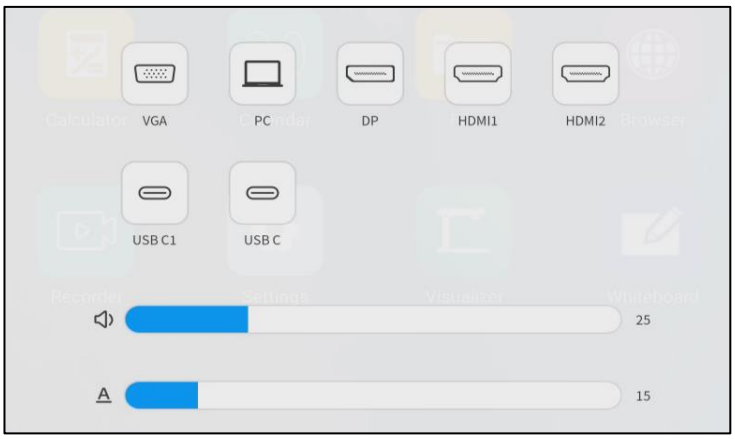
Tools

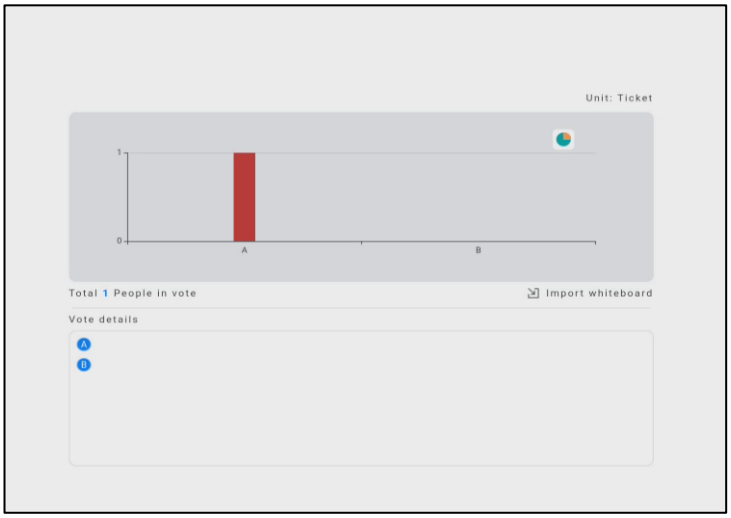
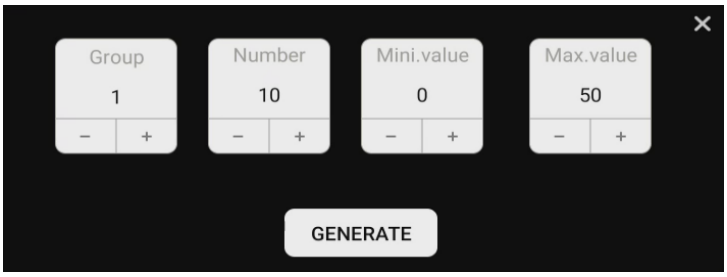
To access the Tools pop-up menu, swipe up from either the bottom left-hand or the bottom right-hand side of the Home Screen.

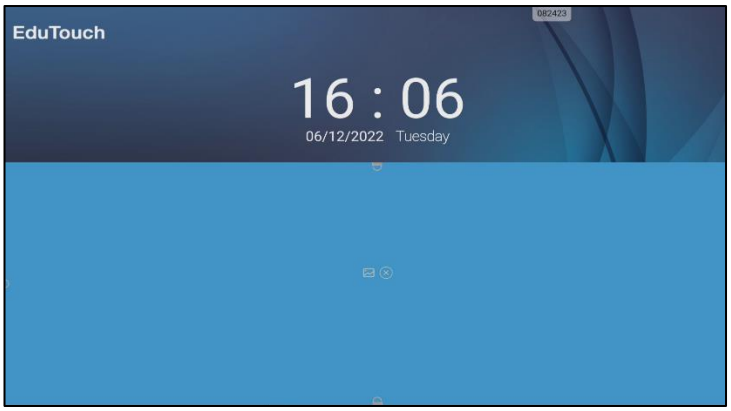
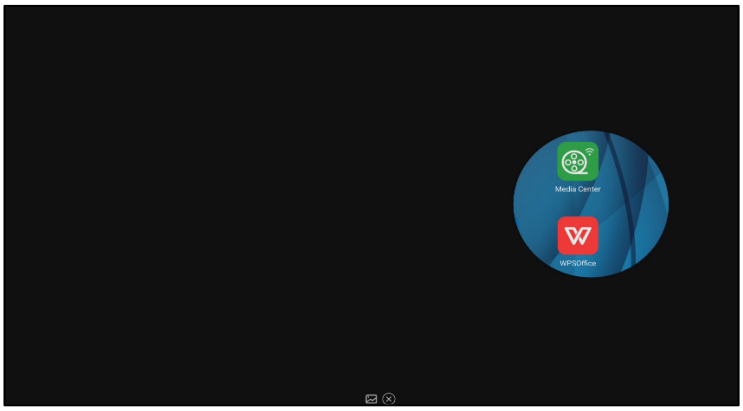
Quick links to the Wi-Fi, HotSpot and Settings *(refer to Settings on page 18 for more information)* are available from the Tools menu.

The following Tools are available:

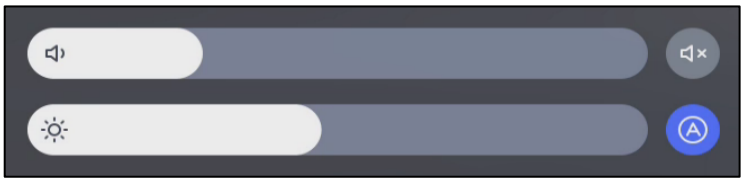
Tool	Description
Calendar	Opens a calendar which can be viewed as a day, a week or a month.
Timer	Timer is both a Countdown Timer and a Stopwatch. • The time counts in hours/minutes/seconds. • Drag the numbers up or down to change the time. • Tap the multi-prong icon on the top left-hand side to expand the timer to fill the screen. • A bell will ring by default when the time is complete.

ScreenShot	• Takes a screenshot of a section of the screen or the entire screen. • Screenshots are saved as a JPG on the panel in the folder: **Screenshots**. **Note: If a USB is inserted into the panel, the screenshot is saved automatically onto the USB.**
Magnifier	The magnifier enlarges objects.  • Defaults to a circle and can be changed to a square. • Click the light bulb to remove the background. • Click the light bulb again to display the original screen. • Place two fingers or pens in the magnifier and separate them to resize it. • Place one finger in the magnifier to move the beam.
Source	Switch between the connected devices such as laptops or desktops and the built-in PC (if purchased). Adjust the panel's sound and volume.  *For additional information on connecting devices, refer to page 25.*
Voter	Voter is an interactive solution for questioning students. The teacher sets the number of options, the question type and whether the answers are anonymous. The question is asked verbally, and students answer on their device after scanning a QR code.

	Statistics of the results are displayed upon the panel and can be imported into the Whiteboard. 
Blue Ray	Tap to turn on the Blue Light Filter.
Lock	Tapping the Lock Tool locks the touch and the keypad on the panel. To disable the lock, tap the panel to display a dialog box allowing you to enter the password from the pop-up keyboard. The default password is 0000 and can be changed in Settings. **Note**: It is important to remember the password. If it is forgotten, contact IG3's Technical Support on 1800 334 633.
Random	Random generates Random numbers.  Choose the number of groups, the number of random numbers to generate, and the minimum and maximum numbers.
Record	Records the movement on the Panel.
ScreenOff	ScreenOff turns the screen off. • The power light on the front of the panel flashes red and blue. • To turn the screen back on, tap the panel with two fingers.

Curtain	Curtain displays a curtain which hides the contents of the screen. • Drag the tag on a side of the screen towards the centre to display the contents of the screen. • The curtain's colour can be changed by tapping the picture icon in the centre of the panel and selecting a colour. • Tap the **x** in the centre of the screen to close it. 
Spotlight	Spotlight blanks the screen except for the projected beam of light.  • Tap the image icon in the bottom centre to change the colour of the background. • Place two fingers or pens in the projected beam and separate them to resize it. • Place one finger in the beam to move the beam. • Tap the **x** in the lower middle of the screen to close it.

The Panel's Volume and the Brightness can also be adjusted on the Tools menu. If the A to the right of the brightness is selected, the panel will automatically adjust the brightness.



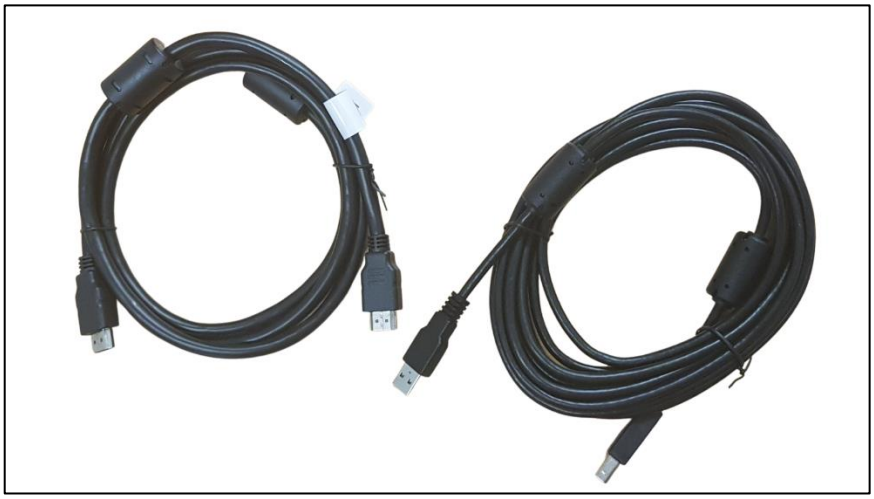
Connecting Devices with Cables

Laptops or desktop computers can be connected to the panel using the supplied cables:

- HDMI
- USB-A to USB-B

HDMI Connection

If connecting with the HDMI cable, the USB-A to USB-B cable is also needed to enable the panel's touch feature. The cable ports are located on the lower right-hand side of panel and are clearly labeled.

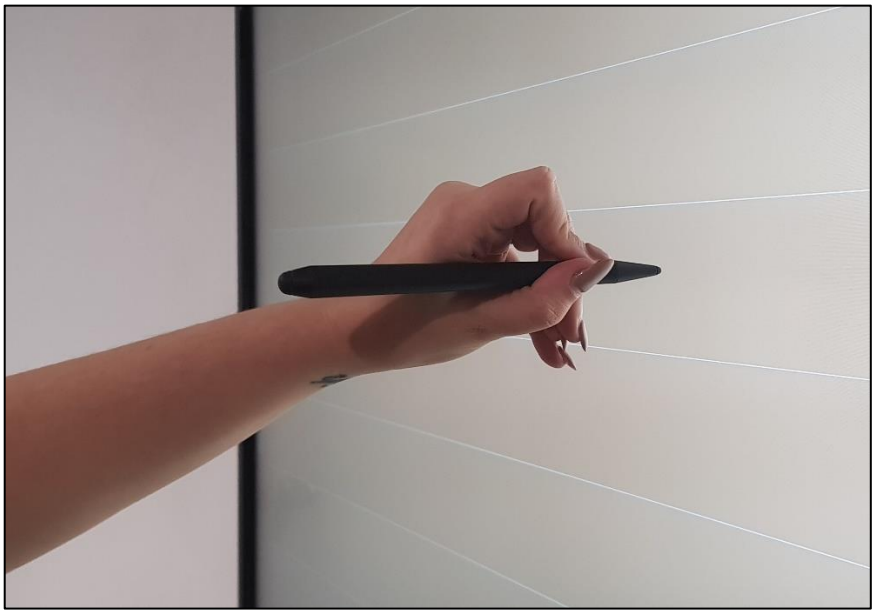


Using Finger or Panel's Pen

The Interactive Panel is a 32 point-touch screen.

Both the finger and the pens can be used to access applications, write text, draw, and select objects.

When using the pen, keep it at a right angle to the screen.



Cleaning the Panel

Maintaining and cleaning your panel can avoid many early faults and keeps the panel looking like new. Overtime, the interactive panel will accumulate finger marks from regular use.

Cleaning the Screen

It is important to implement regular cleaning routines:

1. Use a microfiber cloth.
2. Dampen the cloth with warm water.
3. Twist the cloth to completely remove all moisture before wiping the screen.
4. Ensure all parts of the frame are covered.
5. Use a dry microfiber cloth to dry the screen.

Do NOT use ANY chemicals to clean the panel as this will eventually wear down or ruin the anti-glare coating.

Cleaning the Frame

Regularly dust the panel with a dry microfiber cloth to keep it dust free.

Appendix A – EShare

EShare is a wireless display solution preloaded on interactive panels. It provides wireless display and touch control for Windows and Mac laptops and desktops, and wireless display for iPads, tablets, and mobile phones.

Up to nine devices can be displayed simultaneously and up to 50 devices can be connected.

EShare requires network access, and all devices must be connected to the same subnet or able to access the Panel's Hotspot *(refer to page 20 for information)*.

There are three main features available with EShare:

1. **Screen Sharing -** Up to nine devices (PC/Mac/Mobiles/Tablets) mirrored on an interactive panel at one time.
2. **TV Mirror** to view the panel's contents on a device.
3. **Remote** to control the panel from a mobile device.

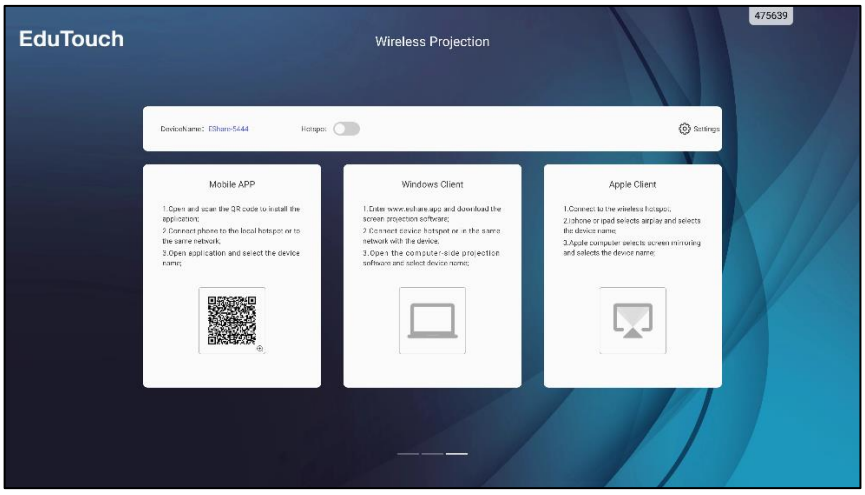
To begin wireless sharing, EShare must be installed onto either:

- a laptop/desktop *(refer to page 32 for information),* or
- a mobile device *(refer to page 38 for information).*

Accessing EShare on the Panel

To access EShare:

1. From the Home Screen, swipe to the left to display the EShare Wireless Projection main screen.



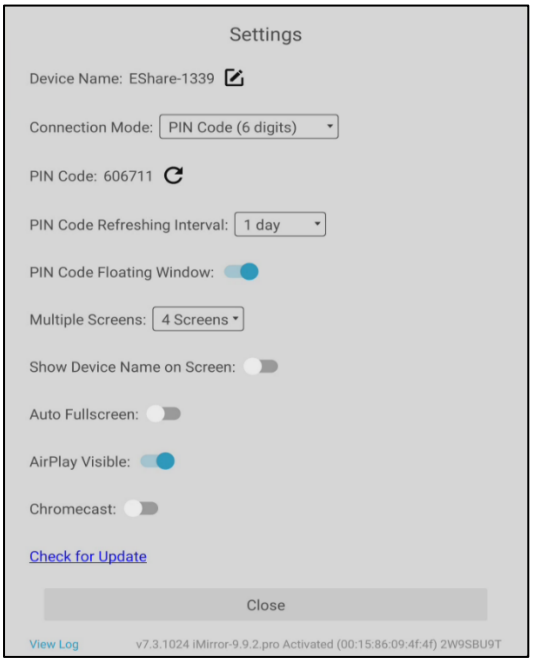
Updating EShare's Settings

EShare's settings can be changed to suit the organisation's requirements.

To update EShare's settings:

1. Tap the **PIN Code Floating Window**.

2. The **Settings** dialog box opens.

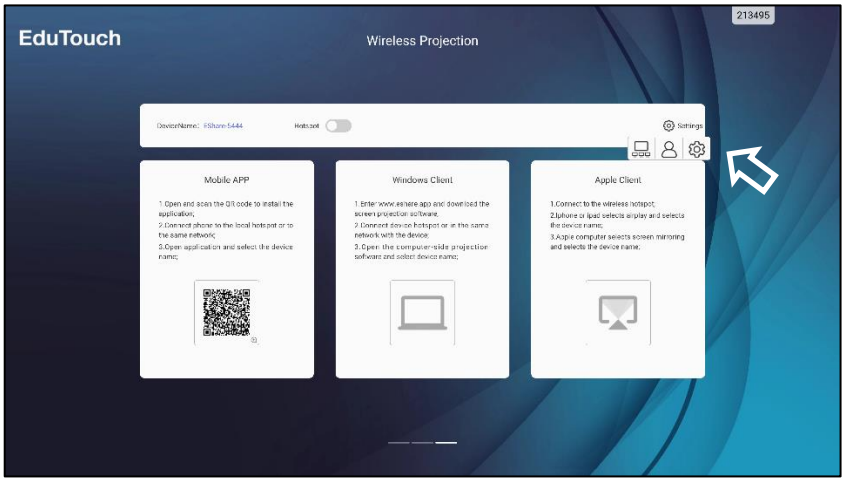


The following settings can be updated:

Field Name	Description
Device Name	EShare's device name for the panel. This name can be changed.
Connection Mode	Select the connection mode, either the Device Name, or a 6 digit or 8 character PIN code.

Pin Code	Displays the current PIN Code.
PIN Code Refreshing Interval	The PIN Code Refreshing Interval is the time the PIN Code refreshes. The options are Disable, 10 minutes, 30 minutes, 1 hour or 1 day.
PIN Code Floating Window	Slide to **On** to display the Pin Code on the screen. If set to Off, EShare must be manually opened to display the code.
Multiple Screens	Select how many screens can share simultaneously. The options are Disable, 2 Screens, 4 Screens, 6 Screens or 9 Screens.
Show device name on screen	Displays the device name on the screen.
Auto Fullscreen	Opens the Share Screen as a full screen.
AirPlay Visible	Slide to **On** to allow a device to directly connect to the panel using Apple AirPlay. **Note**: **Touch is not supported with AirPlay devices**.
Chromecast	Slide to **On** to allow a device to directly connect to the panel using Chromecast. **Note**: **Touch is not supported with Chromecast devices**.
Check for update	Tap to check if updates are available.

Note: EShare's Settings can also be accessed by tapping Settings on EShare's Home Screen and selecting the Settings cog.



Moderator Control Center

The Moderator Control Center controls the connected device access permissions and displays the connected devices.

To display the Moderator Control Center:

- From the EShare Wireless Projection Home screen, tap **Settings**.
- Tap the person icon.

Or,

- Tap the **Floating Moderator Button** on the right-hand side of the screen.

- The Moderator Control Center opens.

Field Name	Description
Share Screen or File	When enabled, any device wishing to access the panel must be either accepted or rejected by the presenter. Available options are: All allowed, Need authorization, Disable
View, Control and Wireless Annotation	When enabled, any device wishing to view the panel's contents on their device must be either accepted or rejected by the presenter. Available options are: All allowed, View only, Need authorization, Disable
Floating Moderator Button	Displays the Floating Moderator Button options: Always display, Only on the Home screen, Disable, Auto

Displaying Connected Devices

A list of connected devices is located on the Moderator Control Center. The presenter can see whether a connected device is screen sharing onto the panel or TV Mirroring from the panel onto the device.

Up to nine devices can be displayed simultaneously and up to 50 devices can be connected.

To display the connected devices:

1. Open the **Moderator Control Center** *(refer to page 30 for information).*

2. All connected devices are displayed.
3. The presenter can select which devices to Share Screen, TV Mirror or disconnect.

Using EShare with a Laptop / Desktop

Laptop and Desktop devices use the EShare client to connect wirelessly with the panel.

There are three available functions:

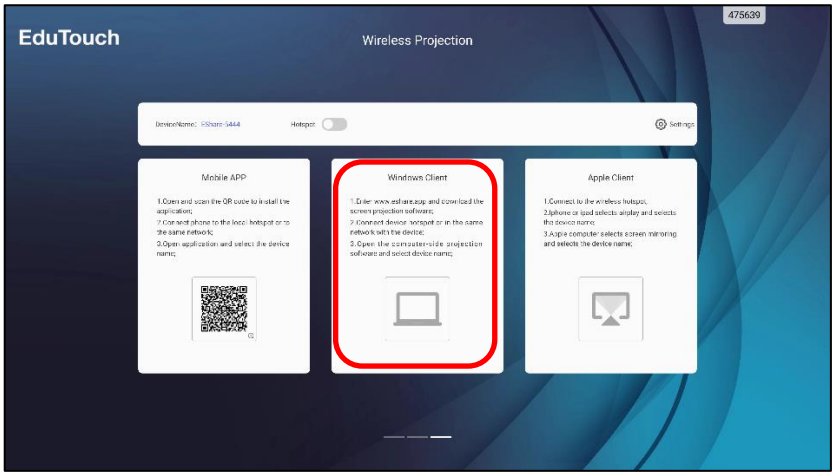
1. Share Screen
2. Extend Screen Mode
3. TV Mirror

Installing EShare Client on a Laptop or Desktop

EShare requires network access and must be installed on all devices using it to connect to the panel.

To install EShare on a Windows or Mac laptop/desktop device:

1. From the panel's Home Screen, swipe to the right to display the EShare Wireless Projection Home Screen.



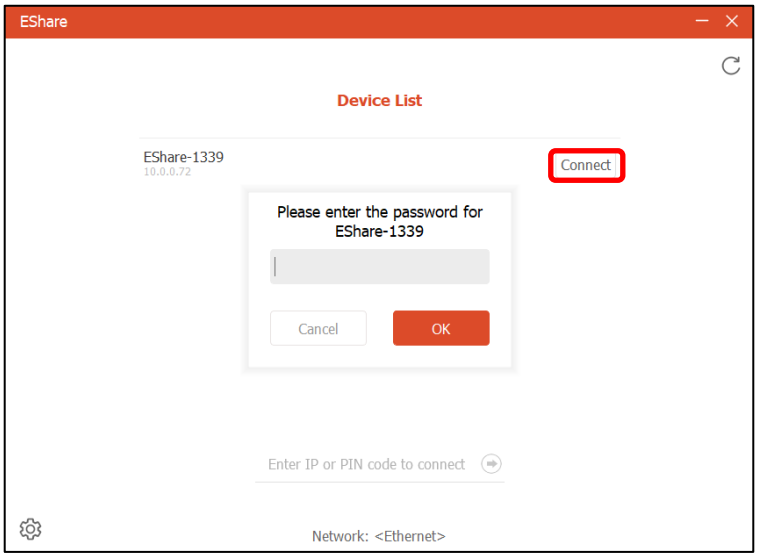
2. To install EShare on a Windows or Mac laptop/desktop, enter **www.eshare.app** into a browser.
3. From the EShare Download screen, select the appropriate option.
4. EShare installs and places an icon on the device's desktop.

Note: EShare is also available on the USB provided with the panel.

Connecting the Panel and a Laptop/Desktop Device

To connect:

1. Open **EShare** from the device's desktop.
2. Click **Connect**.



3. Enter the connection code displayed on the panel.
4. Click **OK**.

5. The panel and the laptop/desktop are connected.
6. Select either Share Screen (to share the contents of the device onto the panel) or TV Mirror (to display the contents of the panel onto the device).

****Note: The Floating window can be moved across the top of the panel.**

Share Screen

Share Screen projects the contents of a laptop or desktop onto the panel. Applications, documents, pictures, videos, and audio can be projected. Laptop and desktop devices use touch on the panel to control what is being projected.

To share a laptop or desktop's screen on the panel:

1. Connect the panel and the laptop/desktop device *(refer to page 33 for information).*
2. On the laptop or desktop, select **Share Screen.**

3. On the panel, if Need authorization has been turned on in the **Screen Share or File** drop-down list in the Moderator Control Center, a pop-up message displays on the panel requesting that the presenter either **Deny** or **Allow** the share.
4. The laptop or desktop's screen contents are mirrored onto the panel.

To stop screen sharing:

1. On the laptop or desktop device, access EShare.
2. Click the **Stop Sharing** icon
3. Close EShare by clicking on the **X** in the top right-hand corner.

Extend Screen Mode

Extended Screen Mode projects a file or an application onto the panel and a different application or file on the laptop or desktop device.

To run extended screen mode:

1. Connect the panel and the laptop/desktop device *(refer to page 33 for more information*.)
2. In the Share Screen drop-down list, select **Share extend screen**.

3. On the panel, if Need authorization has been turned on in the **Screen Share or File** drop-down list in the Moderator Control Center, a pop-up message displays on the panel requesting that the presenter either **Deny** or **Allow** the share.
4. On the laptop/desktop, open the file to be displayed on the panel.
5. Slide the file to the right and onto the panel.

To stop extended screen mode:

1. On the laptop or desktop device, access EShare.
2. Click the **Stop Sharing icon**
3. Close EShare by clicking on the **X** in the top right-hand corner.

Note: The Extend Screen Mode is only available on laptops and desktops.

TV Mirror

TV Mirror projects the contents of the panel's screen onto a laptop or desktop device.

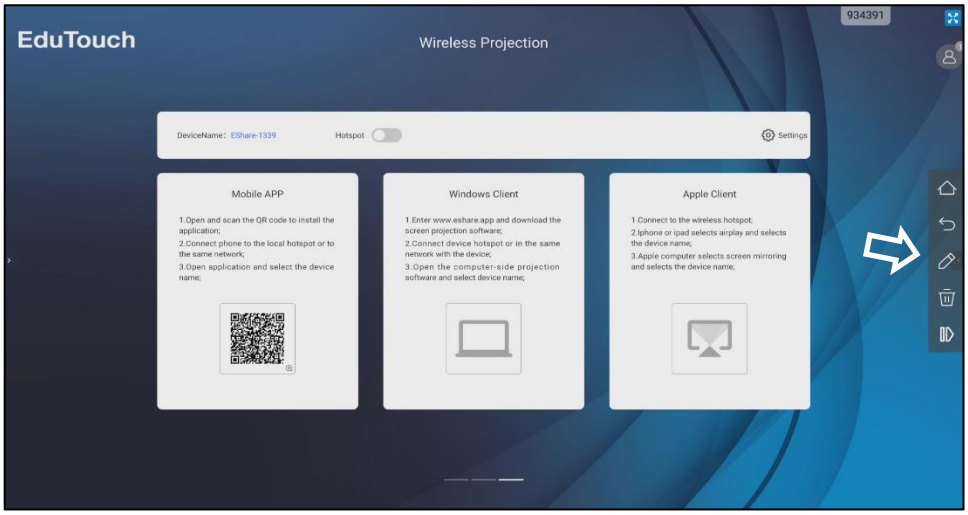
To project the panel's screen:

1. Connect the panel and the laptop/desktop device *(refer to page 33 for more information).*
2. On the device, select **TV Mirror**.

3. On the panel, if Need authorization has been turned on in the **View, Control and Wireless Annotation** drop-down list in the Moderator Control Center, a pop-up message displays on the panel requesting that the presenter either **Deny** or **Allow** the view via TV Mirror.
4. The contents of the panel's screen are projected onto the device.

To annotate on the panel:

1. On the TV Mirror Side Bar, select the **Pen** icon to activate the Annotation Tool.



To stop TV Mirror and disconnect the Panel and the device:

1. On the laptop or desktop device, access EShare.
2. Tap **Disconnect** in the top right-hand corner of the EShare dialog box.

3. Close EShare by clicking on the **X** in the top right-hand corner.

Using EShare with a Mobile Device

EShare connects mobile phones, iPads, and tablets to the panel.

There are seven available functions:

1. Share Screen (Device Mirroring)
2. TV Mirror
3. Photo
4. Audio/Video
5. Doc
6. Camera
7. Remote

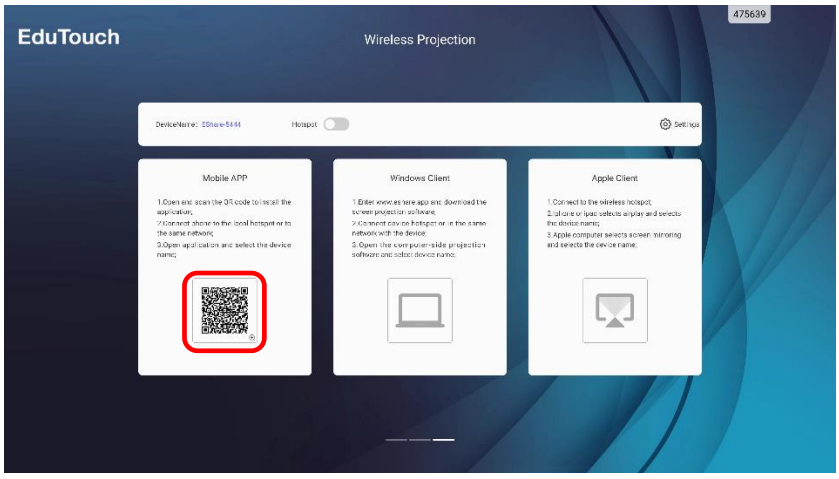
Note: The screenshots were captured on an Android and an iPhone mobile phone. Screen displays and some action steps may vary slightly.

Installing EShare Client on a Mobile Device

EShare requires network access and must be installed on all devices using it to connect to the panel.

To install EShare on a Mobile device:

1. From the panel's Home Screen, swipe to the right to display the EShare Wireless Projection Home Screen.



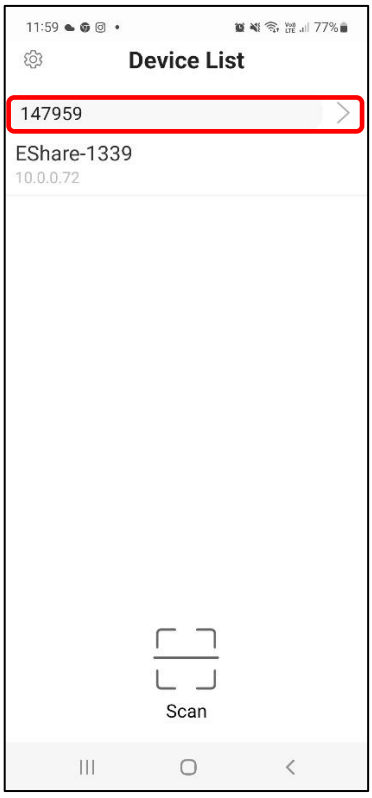
2. On a mobile device, scan the QR code or download EShare from the App Store.
3. The EShare Download screen is displayed. Select the appropriate option.
4. The EShare app is automatically installed onto the mobile device.

Connecting the Panel and a Mobile Device

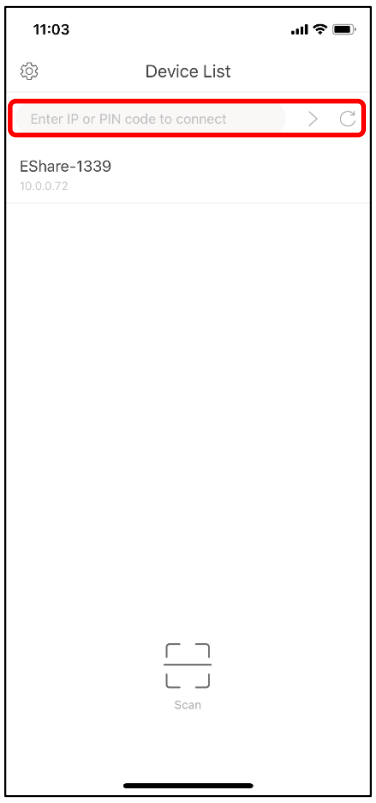
EShare requires network access, and all devices must be connected to the same subnet or able to access the Panel's Hotspot *(refer to page 20 for information)*.

To connect:

1. Open **EShare** on the mobile device.
2. On the EShare sign-in screen, enter the connection code displayed on the panel



Android



Apple

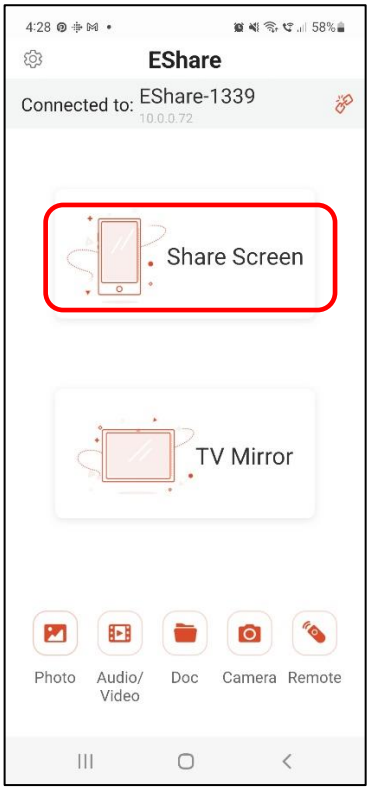
3. The panel and the mobile device are connected.

Share Screen

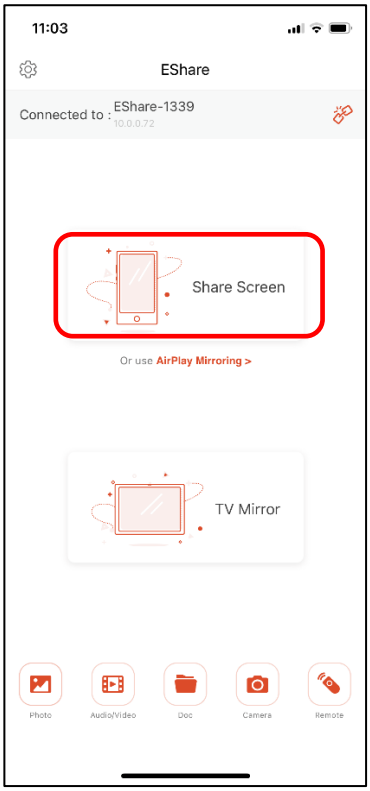
Share Screen mirrors the display of a mobile device onto the panel.

To share a device's screen:

1. When the panel and the mobile device are connected *(refer to page 38 for more information)*, select **Share Screen** to start sharing the device's display onto the panel.



Android



Apple

2. On the panel, if Need authorization has been turned on in the **Screen Share or File** drop-down list in the Moderator Control Center, a pop-up message displays on the panel requesting that the presenter either **Deny** or **Allow** the share.
3. A pop-up dialog box displays confirming EShare will have access to the information that is displayed on the device.

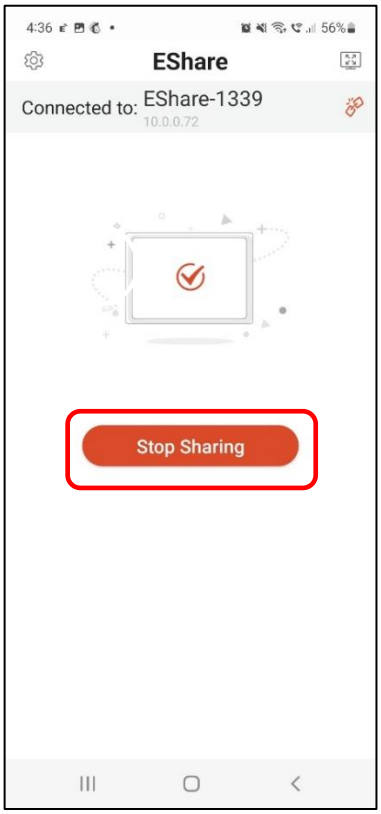
Android

Apple

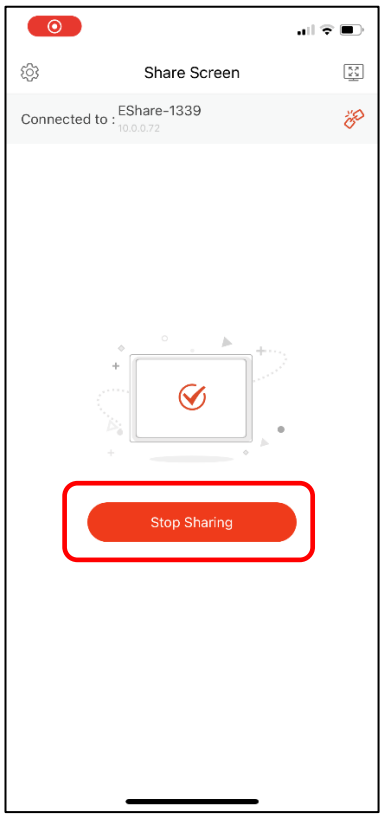
4. Tap **Start Now** on the Android device and **Start Broadcast** on the Apple device.
5. The contents of the mobile device are mirrored onto the panel.

To stop screen sharing:

1. On the mobile device, return to EShare's main interface.
2. Tap **Stop Sharing.**



Android



Apple

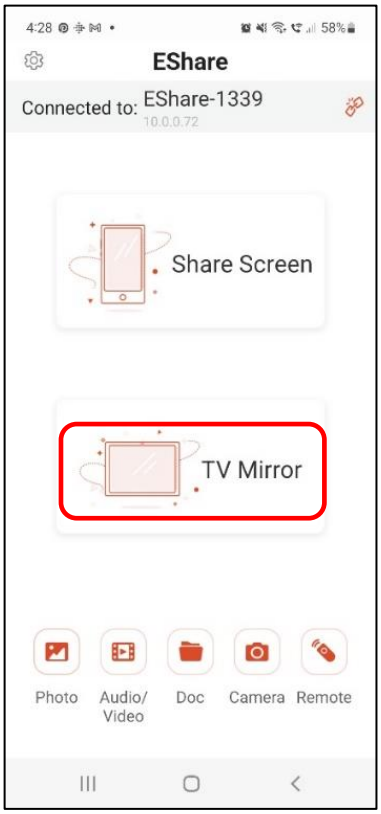
3. On the Apple device, tap **Stop Broadcasting**.
4. EShare's mobile device Home Screen displays.

TV Mirror

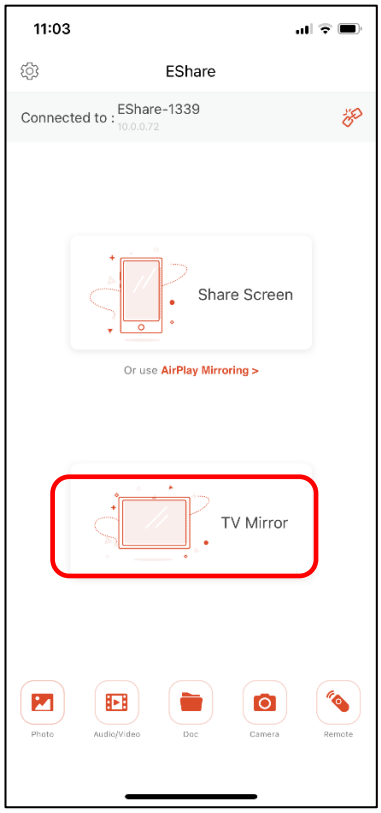
TV Mirror projects the contents of the panel's display onto a mobile device.

To project the panel's screen:

1. On the mobile device, tap **TV Mirror** on the EShare's main interface.



Android

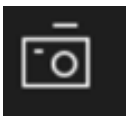


Apple

2. On the panel, if Need authorization has been turned on in the **View, Control and Wireless Annotation** drop-down list in the Moderator Control Center, a pop-up message displays on the panel requesting that the presenter either **Deny** or **Allow** the view via TV Mirror.

3. The panel's display is mirrored onto the mobile device.

4. The EShare TV Mirror Toolbar displays on the right-hand side of the screen:

Feature	Description
	Displays the Panel's Home Screen.
	Returns BACK to the previous screen.
	Accesses photos, audio, video and documents on the phone and apps on the panel.
	Enables Touch.
	Annotate.
	Removes Annotations.
	Opens the Camera. The photo is stored on the phone's camera gallery.
	Saves the panel's display as photo on the phone's camera gallery.

To stop TV Mirror:

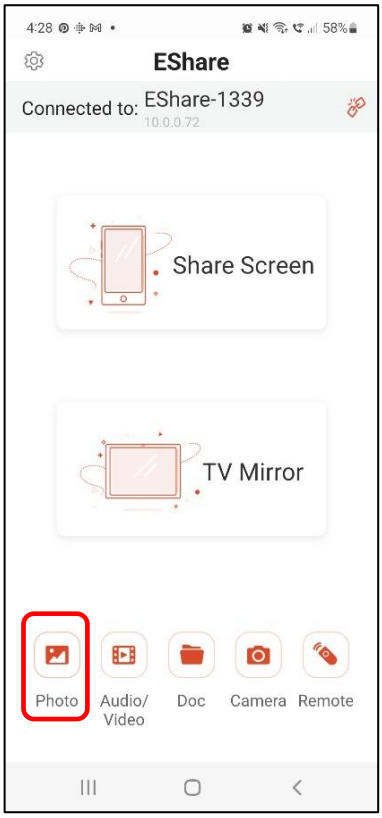
1. Tap the **X** icon on the upper left-hand corner of the mobile device to return to EShare's main interface.

Photo

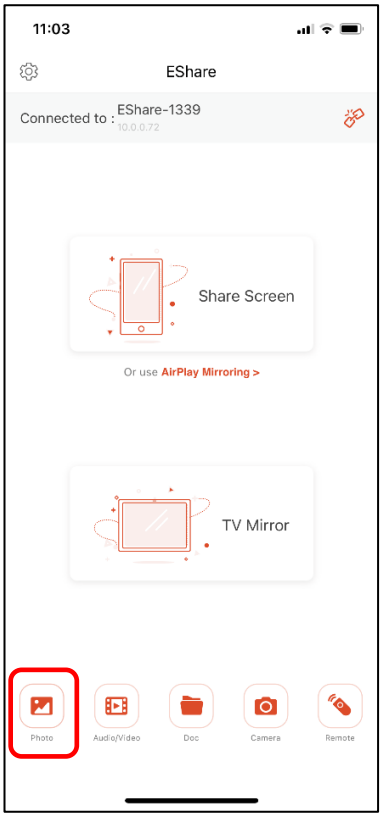
The Photo icon projects a photo from the mobile device's photo gallery onto the panel.

To project a photo:

1. On the mobile device, tap **Photo** on the EShare's main interface.



Android



Apple

2. The device's photo gallery is displayed.
3. Select the photo to project.
4. On the panel, if Need authorization has been turned on in the **Screen Share or File** drop-down list in the Moderator Control Center, a pop-up message displays on the panel requesting that the presenter either **Deny** or **Allow** the share.

To stop projecting the photo onto the panel:

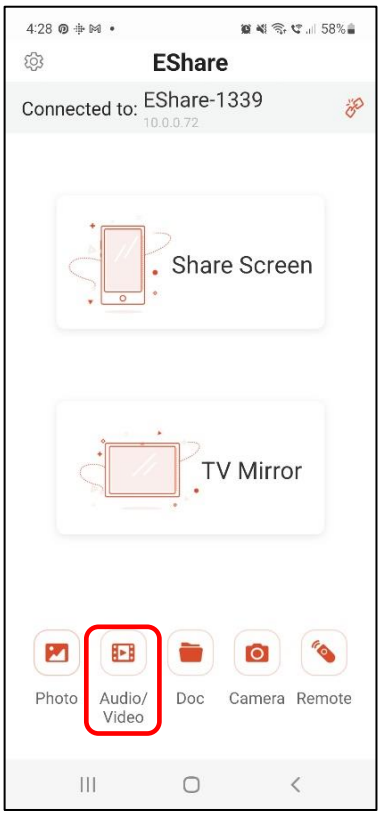
1. Tap the back arrow in the top-left hand side of the mobile device to return to the device's photo gallery.
2. Tap it again to return to EShare's main interface.

Audio/Video

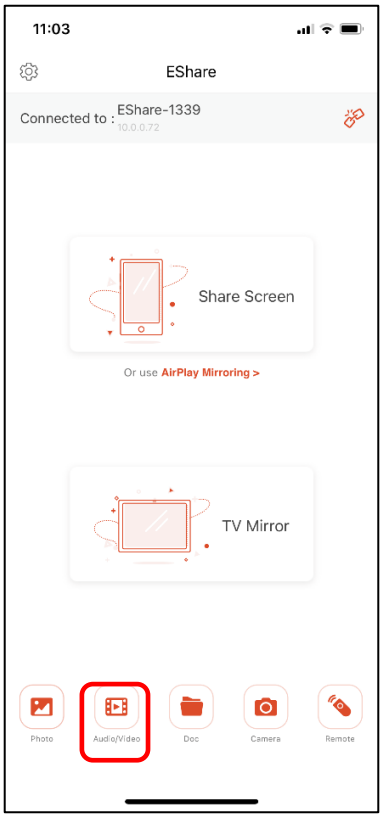
The Audio/Video icon plays a video or audio file stored on the mobile device onto the panel.

To play a media file:

1. On the mobile device, tap **Audio/Video** on the EShare's main interface.
2. On the panel, if Need authorization has been turned on in the **Screen Share or File** drop-down list in the Moderator Control Center, a pop-up message displays on the panel requesting that the presenter either **Deny** or **Allow** the share.



Android



Apple

2. Select the **Video** or **Audio** tab displayed on the top of the screen.
3. Select the media file to play on the panel.

To stop projecting the Audio/Video onto the panel:

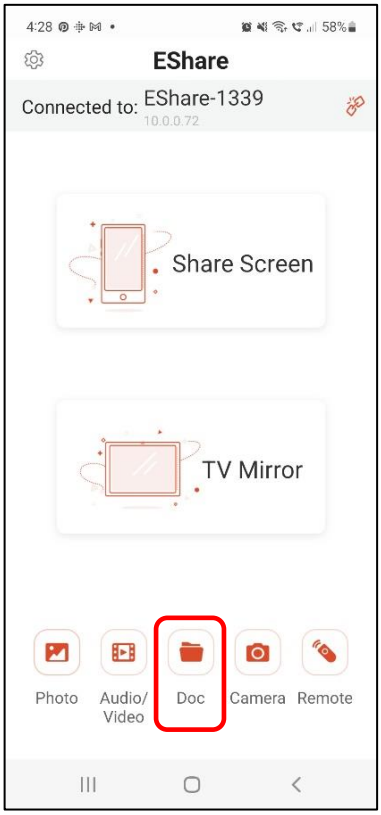
1. Tap the back arrow to return to the media files.
2. Tap the back arrow in the top left-hand side to return to EShare's main interface.

Doc

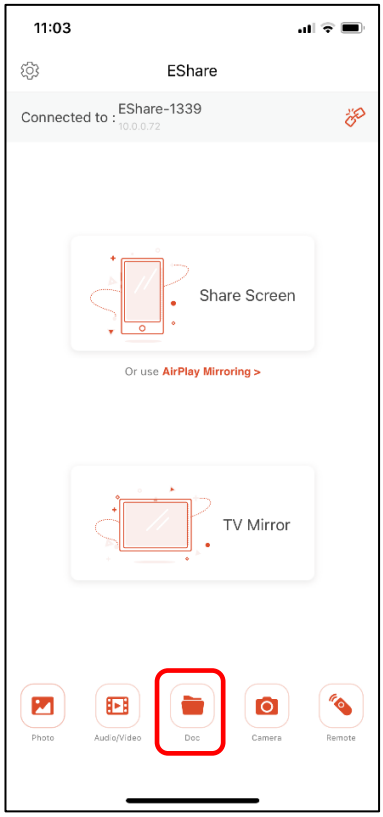
DOC, DOCX, PPT, PPTX, XLS, XLSX and PDF documents can be displayed from the mobile device onto the panel.

To display a document:

1. On the mobile device, tap **Doc** on EShare's main interface.



Android



Apple

2. The documents list displays.
3. Tap the document to display.
4. On the panel, if Need authorization has been turned on in the **Screen Share or File** drop-down list in the Moderator Control Center, a pop-up message displays on the panel requesting that the presenter either **Deny** or **Allow** the share.
5. The document is displayed on the panel in WPS Office.
6. The Remote function is enabled on the mobile device to manage the document. *(Refer to page 48 for more information.)*

To stop projecting a doc onto the panel:

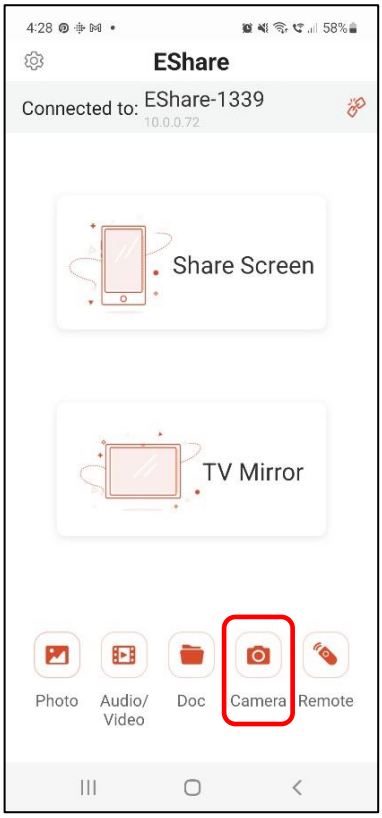
1. On the device, tap the **Home** icon to return to the panel's Home Screen.
2. Tap the back arrow in the top left-hand side to return to the Document list.
3. Tap the back arrow in the top left-hand side to return to EShare's main interface.

Camera

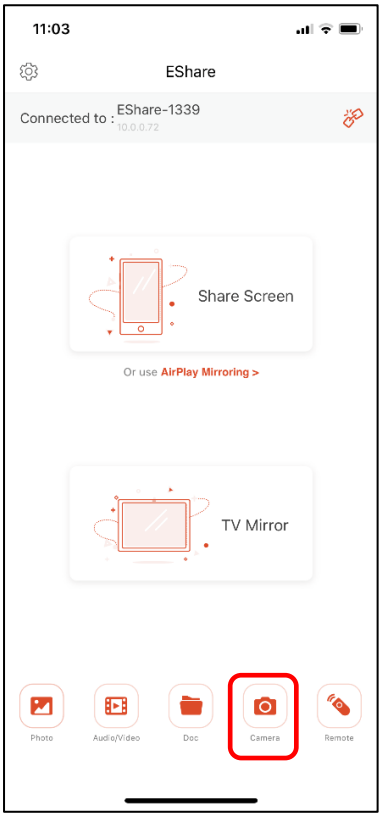
Selecting the camera icon allows the mobile device ‘s camera to take a photo and project it directly onto the panel.

To take a photo:

1. On the mobile device, tap **Camera** on EShare’s main interface.



Android



Apple

2. The device’s camera is activated.
3. On the panel, if Need authorization has been turned on in the **Screen Share or File** drop-down list in the Moderator Control Center, a pop-up message displays on the panel requesting that the presenter either **Deny** or **Allow** the share.
4. Tap the white button in the bottom centre of the device to take a photo. The photo is displayed on the panel.
5. Tap the camera icon to continue taking photos.
6. On the top right-hand side, tap the red cross on the Android device and the red arrow on the Apple device to return to EShare’s main interface.

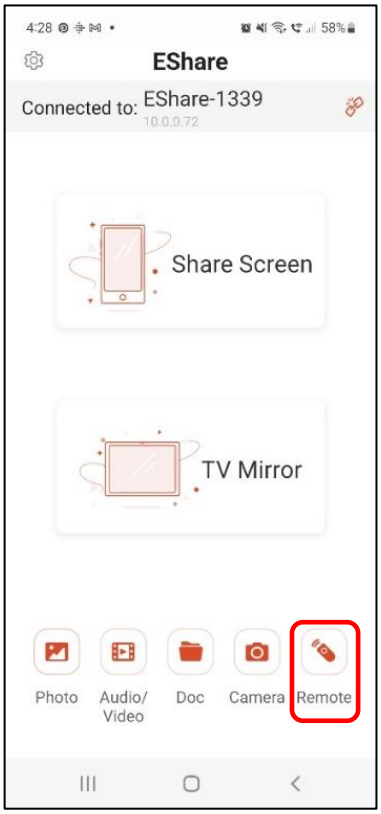
Note: The photos are saved in a folder *eshare_image* on an Android device and in the *Pictures* gallery on the Apple device.

Remote

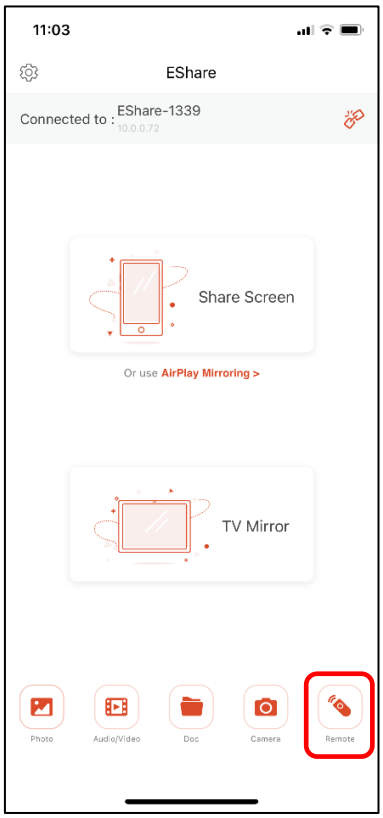
Remote allows the mobile device to act like a wireless mouse and control the panel.

To activate the remote:

1. On the mobile device, tap **Remote** on EShare's main interface.

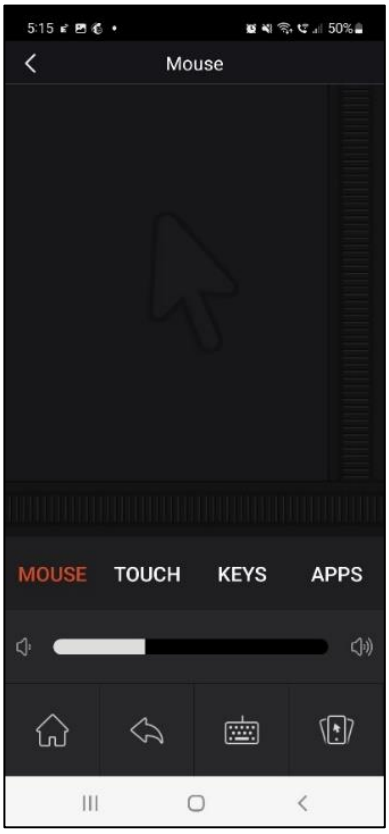


Android

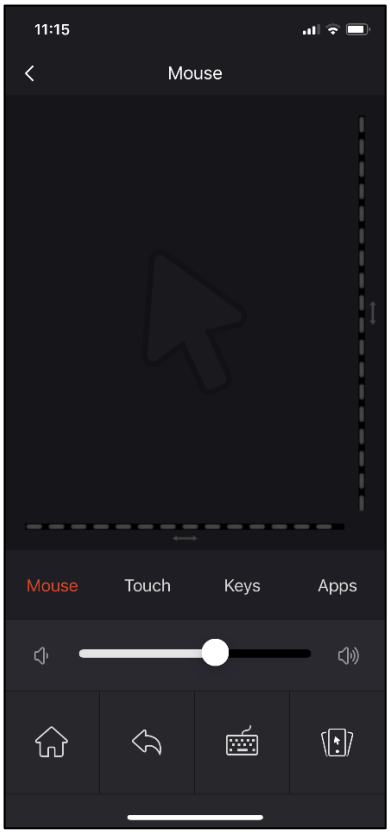


Apple

2. On the panel, if Need authorization has been turned on in the **Screen Share or File** drop-down list in the Moderator Control Center, a pop-up message displays on the panel requesting that the presenter either **Deny** or **Allow** the share.
3. The Remote function opens on the mobile device.



Android



Apple

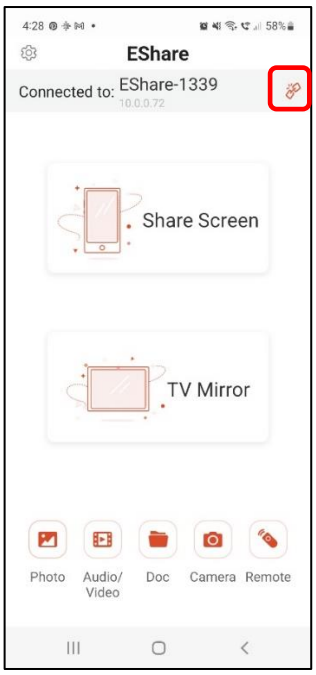
4. The mobile device displays eight options on the bottom of the screen:
   - **Mouse** - the device's display is used as a mousepad.
   - **Touch** –The device's display is used to run touch on the panel.
   - **Keys** – can customise 2 shortcut keys to quickly access an App.
   - **Apps** – opens a screen displaying all Apps. Double tap an App to run.
   - **Home** - return to Panel's Home Screen.
   - **Back** – goes back to the previous screen.
   - **Keyboard** – displays a keyboard.
   - **Air Mouse** – uses the device like a pointer.

5. Tap the back arrow in the top left-hand side of the mobile device to return to EShare's main interface.

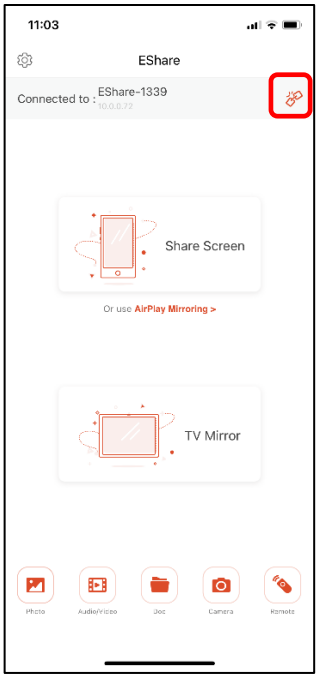
Disconnecting the Panel and a Mobile Device

To disconnect the mobile device from the panel:

1. On the mobile device, tap the **Disconnect** icon in the top right-hand corner of EShare's main interface.

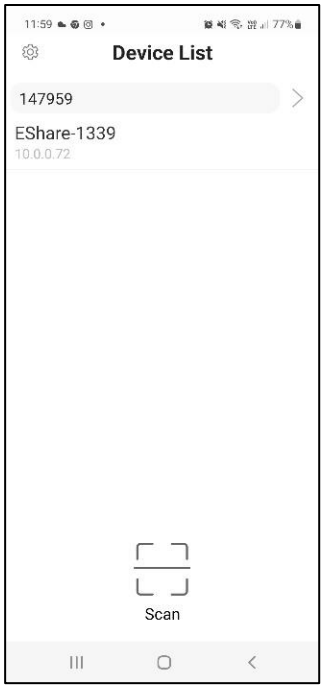


Android

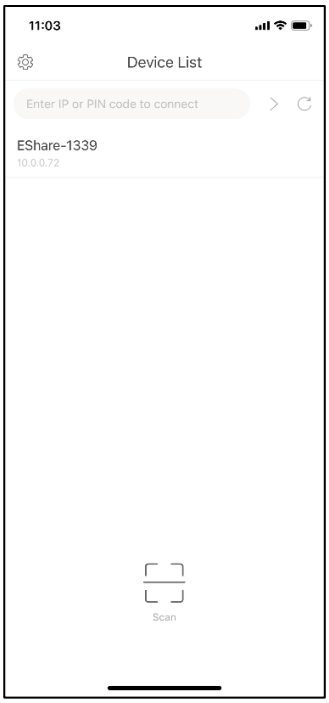


Apple

2. EShare's sign in screen displays on the mobile device.



Android



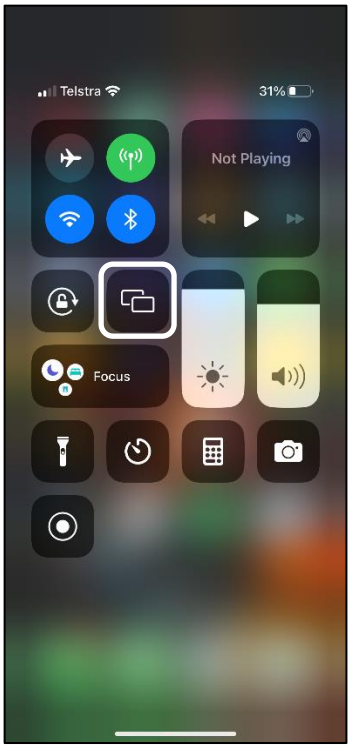
Apple

3. Close EShare on the device

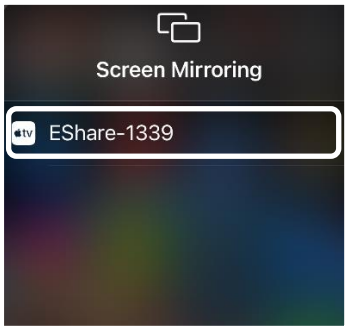
Screen Sharing using Apple AirPlay

To mirror the device using AirPlay:

1. From the Apple **Control Centre**, tap the **Screen Mirroring** icon.

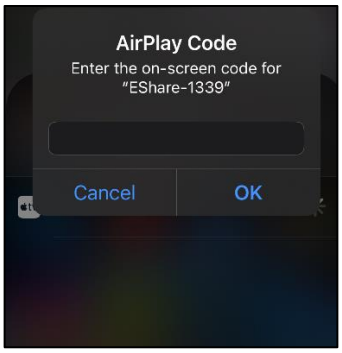


2. The Screen Mirroring pop-up displays a list of available screen mirroring devices.



3. Tap an **"Available Device"** to select it and display a tick.

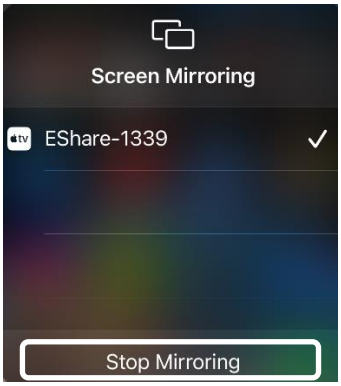
4. Enter the AirPlay Code.



5. Tap **OK**.
6. Click away to display the **Control Center**.
7. Click away to project the device's display onto the panel.

To stop mirroring using AirPlay:

1. On the Apple device, open the **Control Centre** and tap the **Screen Mirroring** icon. The Screen Mirroring pop-up displays a list of available screen mirroring devices.



2. Tap **Stop Mirroring**.

Appendix B – Media Center

The Media Center is located by opening the APPS screen and selecting Media Center.

What is DLNA?

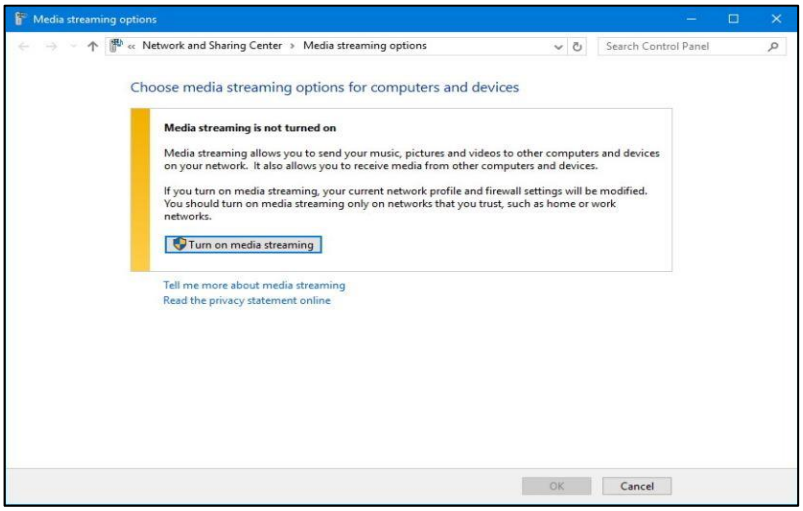
DLNA stands for “Digital Living Network Alliance”, and it’s simply a set of guidelines that make it easy to set up a device, like an EduTouch Panel to stream videos, photos, and music from DLNA devices on the network.

The DLNA server can be run on Windows, Macs, iPhones, and Android devices. A third-Party DLNA media server is not required with Windows to send media to an interactive panel, whereas with the other devices an app must be downloaded to send media.

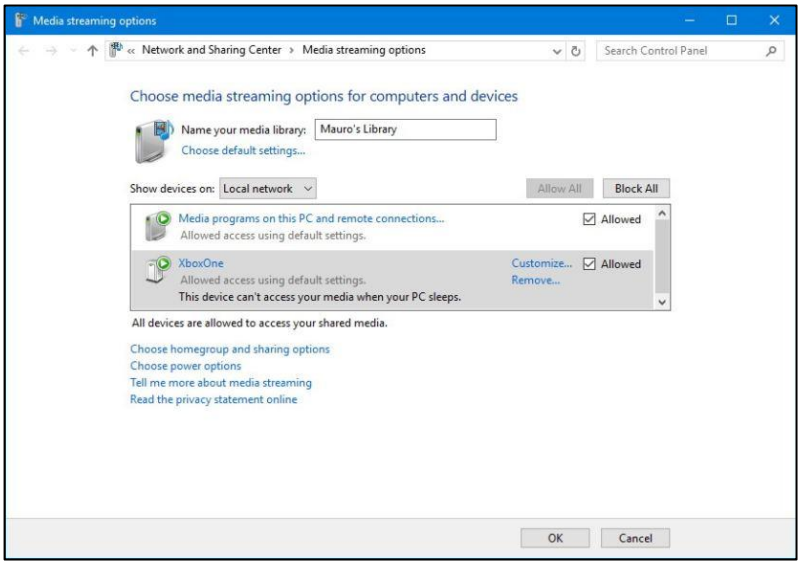
Enabling a DLNA server on Windows 10, 11 and previous versions

To turn on media streaming:

1. Open **Start**.
2. Search for **Media Streaming Options**.
3. Click the result to open the Control Panel on that section.
4. Click **Turn on media streaming** to enable DLNA.



5. Click **OK** to apply the settings and complete the task.



6. Enter a meaningful name for your library.
7. A list of the DLNA-enabled devices currently on the local network with access to your content is displayed. Uncheck the Allowed option to block the device.

   Note: The shared media will not be available to another device when your PC is sleeping. To change this, click the **Choose power options** link and configure your PC to stay awake.

   Once all steps are completed, your account libraries (Music, Pictures, and Videos) will automatically be available to any streaming device with access to your network.

Enabling a DLNA server on a Apple Mac / iOS, or Android device

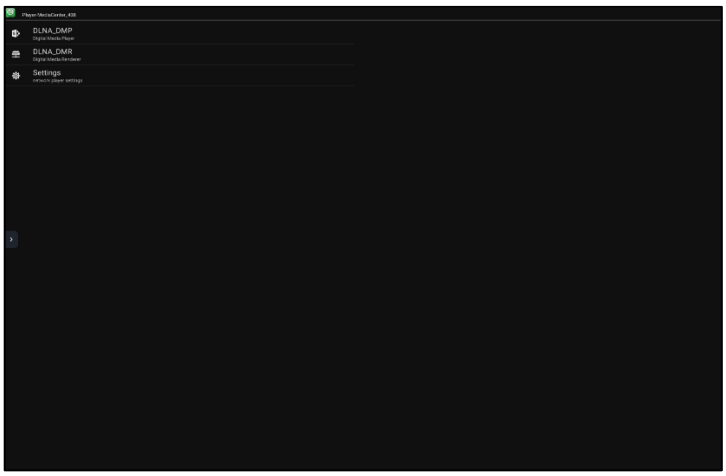
One of the available free or paid for DLNA servers will need to be selected and installed onto your device. Follow the instructions from the supplier to set up the server.

Accessing the Media Center

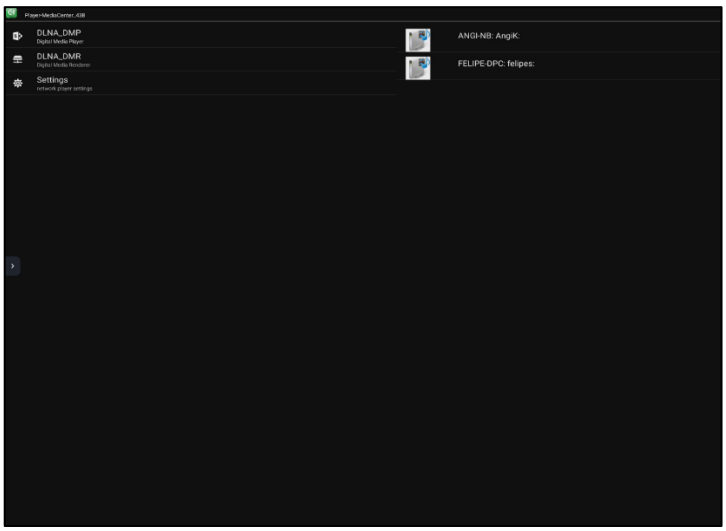
The Media Center is located on the APPS screen. If the DLNA server has been enabled on the network, videos, audio and pictures can be streamed from that device onto the panel.

To run the media player:

1. On the Home Screen, open the **APPS Screen**.
2. Select the **Media Center**.



3. Tap **DLNA_DMP** to display the enabled devices.



4. Select a device.
5. Choose what type of media to stream – Music, Pictures, Playlists or Videos.
6. Select the media file.
7. The media starts streaming on the panel.

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