

CT1800

Wireless Display Receiver

User manual



INTRODUCTION TO CT1800.....	4
KEY FEATURES.....	4
PACKAGE CONTENT	4
HARDWARE RECOMMENDATION	4
HARDWARE SETUP	5
SYNCAST DISPLAY	7
ACTION SHORTCUT	8
BASIC MODE AND CONFERENCE MODE	10
<i>Basic Mode</i>	<i>10</i>
<i>Conference Mode.....</i>	<i>10</i>
MULTI-SCREENS.....	10
BACK CHANNEL CONTROL	13
SYNCAST DISPLAY OSD INFORMATION	14
SYNCAST DISPLAY SETTING	15
<i>Basic Setting</i>	<i>15</i>
<i>Live Streaming Settings</i>	<i>16</i>
<i>Record Setting.....</i>	<i>17</i>
ANNOTATOR	18
LIVE STREAM FEATURE	20
<i>Live Stream Account Set Up For YouTube</i>	<i>20</i>
<i>Live Stream Account Set Up for RTMP (YouTube included)</i>	<i>24</i>
RECORD FEATURE.....	28
<i>Record Directory Set up</i>	<i>28</i>
THEME	33
SLIDESHOW THEME	36
SYNCAST SOFTWARE TRANSMITTER	40
SYNCAST WINDOWS TRANSMITTER SOFTWARE.....	40
<i>Install SynCast Windows software.....</i>	<i>40</i>
<i>Launch SynCast Windows software</i>	<i>41</i>
<i>SynCast Windows User Interface</i>	<i>48</i>
<i>Document Share</i>	<i>49</i>
<i>Annotator</i>	<i>50</i>
<i>Settings</i>	<i>51</i>
<i>Conference Mode.....</i>	<i>54</i>
SYNCAST MACOS TRANSMITTER SOFTWARE	58
<i>Install SynCast Mac software.....</i>	<i>58</i>
<i>Launch SynCast Mac software.....</i>	<i>60</i>
<i>SynCast Mac User Interface.....</i>	<i>66</i>
<i>Document Share</i>	<i>67</i>
<i>Annotator</i>	<i>68</i>
<i>Settings</i>	<i>69</i>
<i>Conference Mode.....</i>	<i>71</i>
SYNCAST SENDER ANDROID TRANSMITTER APPLICATION	75
<i>Download SynCast Sender Android Transmitter Application.....</i>	<i>75</i>
<i>Start Using SynCast Sender.....</i>	<i>76</i>
<i>Control Panel on Notice Bar.....</i>	<i>77</i>
<i>Settings</i>	<i>78</i>
SYNCAST DOC IOS TRANSMITTER APPLICATION	78
<i>Download SynCast Doc iOS Transmitter Application</i>	<i>79</i>
<i>Start Using SynCast Doc and SynCast Share</i>	<i>79</i>
<i>Features</i>	<i>81</i>
<i>Settings</i>	<i>84</i>
SYSTEM SETTING	85

HOTSPOT PASSWORD MODIFICATION.....	85
HOTSPOT NAME MODIFICATION	88
OTHER FUNCTION.....	90
SNAPSHOT	90
<i>How to retrieve snapshot image from CT1800.....</i>	<i>90</i>
MEDIA BROWSER	95
<i>Video.....</i>	<i>95</i>
<i>Photo</i>	<i>97</i>
<i>File</i>	<i>99</i>
REMOTE CONTROL	100

Introduction to CT1800

Key features

- Supports DLNA /Airplay.
- Supports 4 split screen mirroring with 1080p each.
- Supports Annotator Collaboration.
- Supports Presentation Broadcasting.
- Supports USB Back Channel Control.
- Supports Software Transmitter from different platform and HDMI Transmitter.
- Supports SynCast Conference Mode and Admin Preview.

Package Content

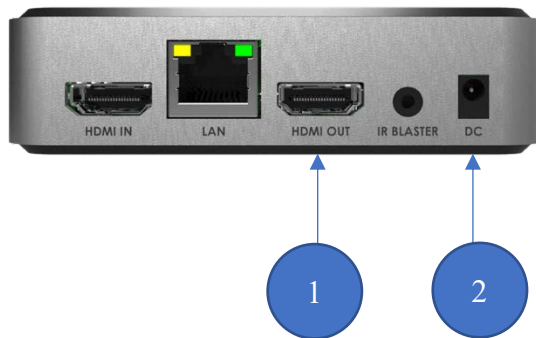
- CT1800 Receiver
- User Manual
- 5V /2A adapter
- HDMI Cable
- DC Cable
- Remote Control(optional)

Hardware Recommendation

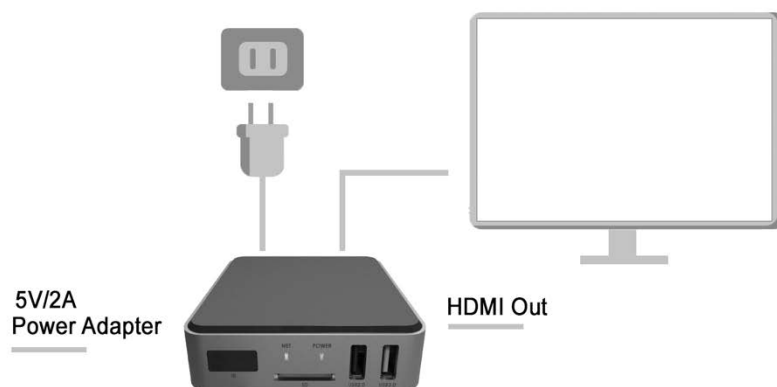
Display connect to CT1800:

- Supports display with HDMI input.
- Supports Touch Screen display.
- Supports up to 4k Display.

Hardware Setup



1. Connect HDMI Out With a display
2. Connect Power Adaptor to a power supply with a DC Cable.



SYNCAST

1. Turn on CT1800 by connect it to a power supply. It will trigger the startup screen.



2. SynCast Display will be ready in just few seconds.

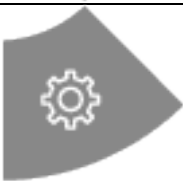
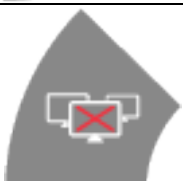
SynCast Display



	Item	Description
1	Mode	Basic Mode /Conference Mode
2	Floating menu	Control panel for other function such as DLNA , Snapshot ,etc.
3	Receiver Name	The receiver name of this device
4	Connect To	Show the upper AP router SSID via Wi-Fi connection. Show “LAN” via LAN connection.
5	LoginCode	4 digits to ensure client connect to the correct receiver server.
6	AirView	Enter the IP Address through internet browser to see the screen mirroring on your own device.
7	Action Short Cut	The control panel and main functions of SynCast Display.
8	Version	Display the current version .

Action Shortcut

	 Press the  to expand the action short cut pie.
	 Press the  to fold the action short cut pie.

Item	Description
	Enable / Disable the Conference Mode from receiver server.
	Show clients' screens preview on left or right bar in conference mode.
	Enable/Disable Back Control from receiver to control the Windows / Mac clients.
	Go to the settings window of SynCast Share receiver server.
	Stop all mirroring screens on the receiver.
	Annotator, drawing on the screen and save to file.

	Live Stream , live stream your screen to YouTube.
--	---

	
	Record, Record your screen into Storage .
	Minimize SynCast Share to the Windows Task bar. Close SynCast Share.

Basic Mode and Conference Mode

Basic Mode

All the clients with SynCast transmitter software or app are free to share their screens once their devices are connected to the SynCast Display receiver server. The clients can share one after another in full screen or in split-screen.

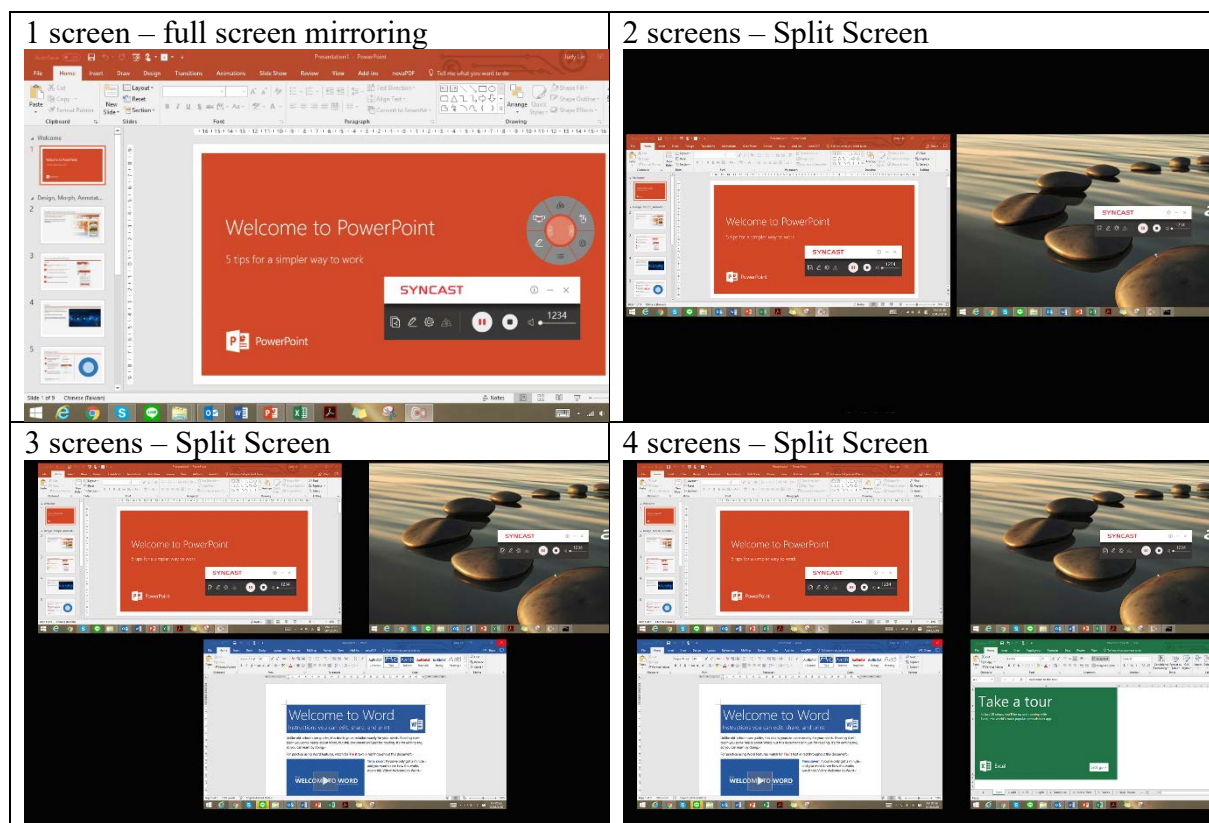
Conference Mode

A meeting control system that enables the meeting host as admin to organize the connected devices and select which screen to share and stop. If the admin doesn't choose the client which may not share the screen. Admin have the initiative to manage the shared screens.

Multi-screens

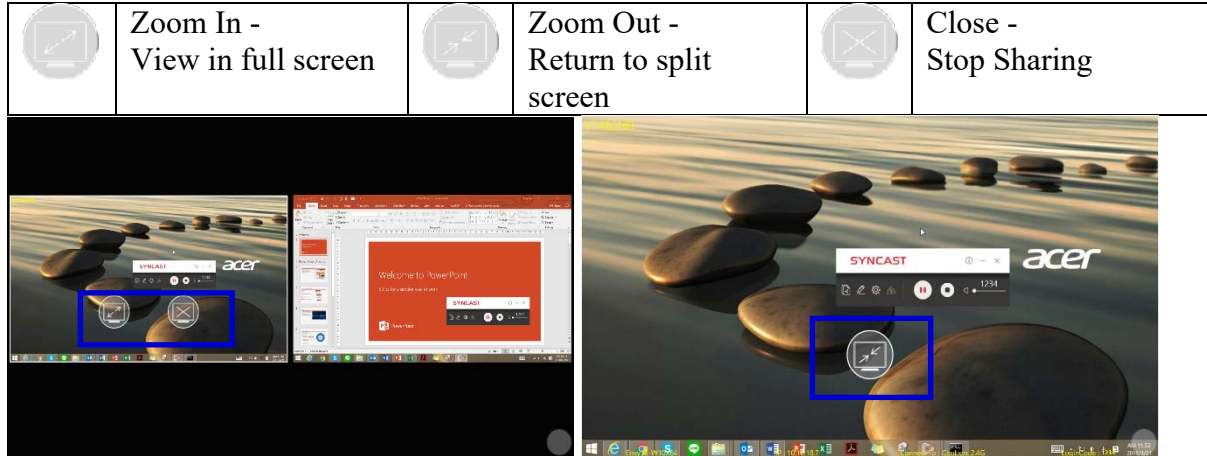
The user guide for client's transmitter device to connect to SynCast Display receiver will be stated in Chapter 3 of this manual.

SynCast Display supports multi-screens sharing feature:



View the Sharing Screens

When multiple screens are sharing, select the sharing screen, Zoom In and Close buttons appear on the screen. When some one is sharing in full screen, move the mouse cursor or swipe on the touch panel from bottom to the edge, Zoom Out button shows up.



Multi-screens in Basic Mode:

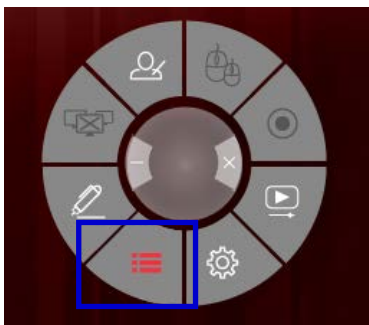
The clients can share on the split screens, up to 4 screens. If Basic Mode Overwrite is On, the fifth screen will overwrite the earliest one. If Basic Mode Overwrite is Off, the fifth screen will not be showed on the SynCast Share Receiver output until one of the previous screen stop sharing.

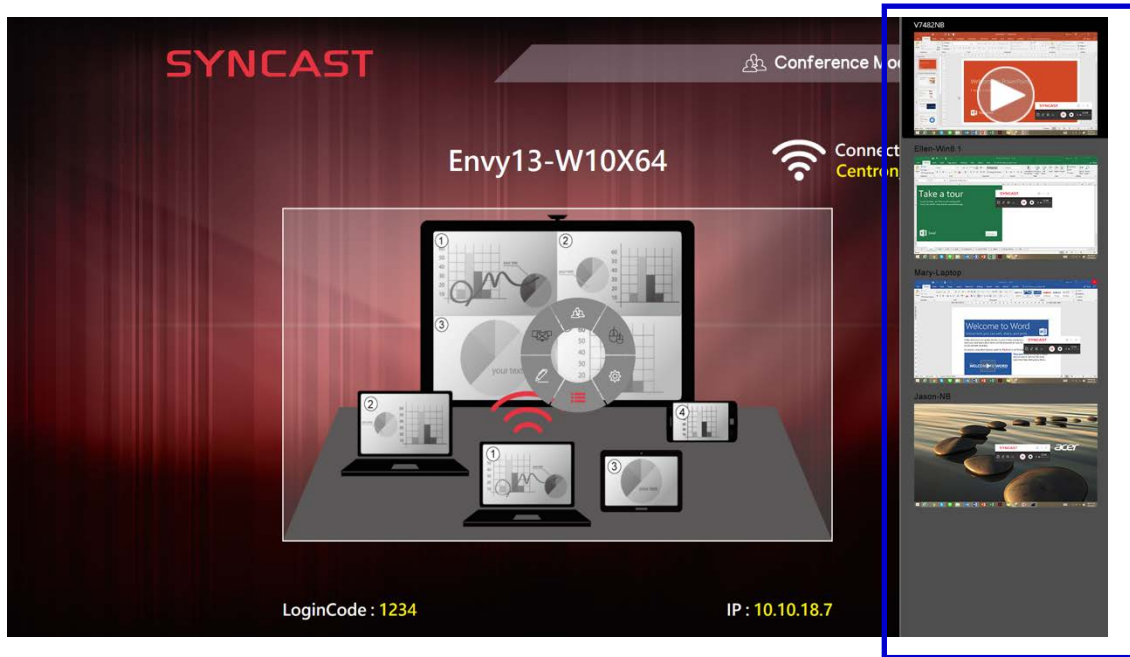
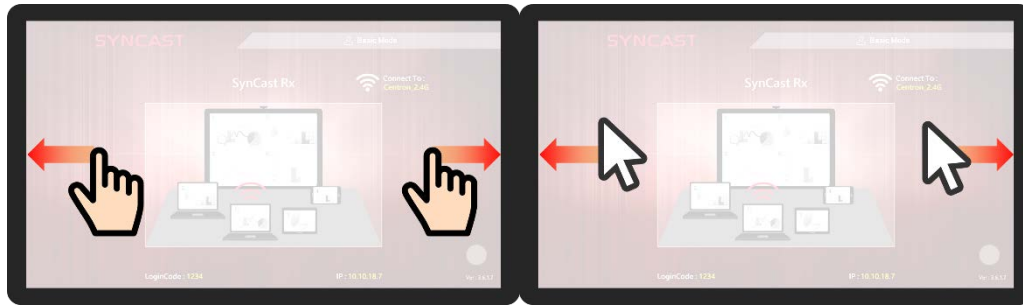
Multi-screens in Conference Mode:

The meeting host as an admin who can select which screen to share and join in the split screens. Click  to let the screen preview bar show up. Or move the mouse cursor or swipe on the touch panel from the left/right side to edge.

Select the client's screen, the Play/Stop button appears.

Press "Play" to let the client shows full screen or join in the split screens. Press "Stop" to





Back Channel Control

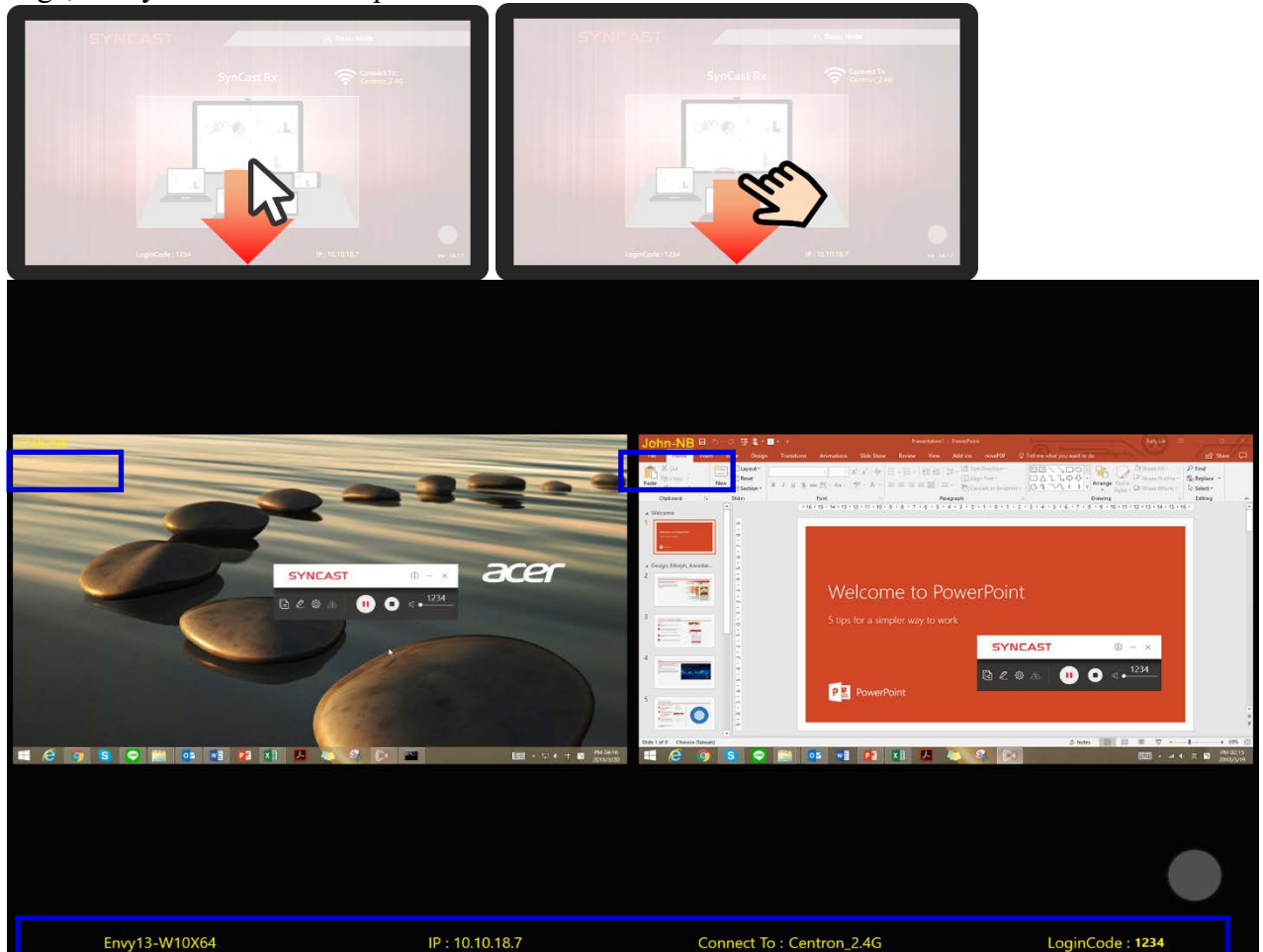
Back Channel Control feature enables the SynCast Display receiver to interact with the SynCast client. Make a click on SynCast Display receiver, SynCast will do a same click on the client's device.

Click  to enable/disable Back Control from receiver to control the Windows/Mac client. Back Channel Control only works when Windows/Mac client is in full screen mirroring.



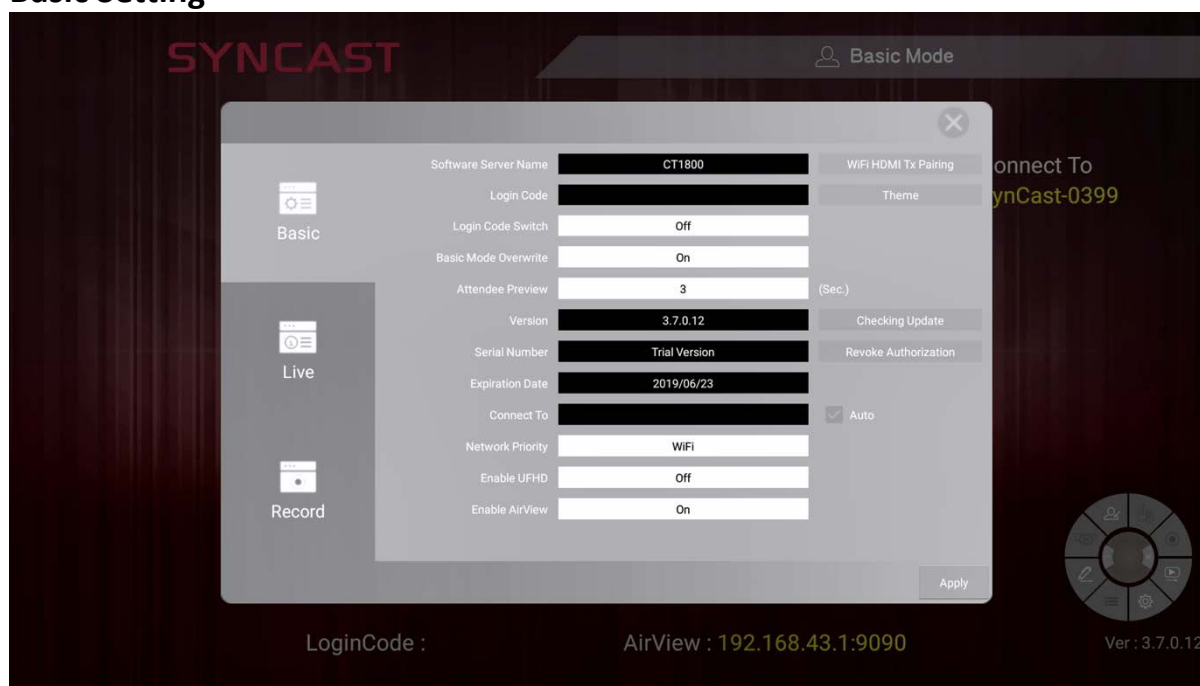
SynCast Display OSD Information

During mirroring, move the mouse cursor or swipe on the touch panel from bottom to the edge, the system will show up the OSD connection information.



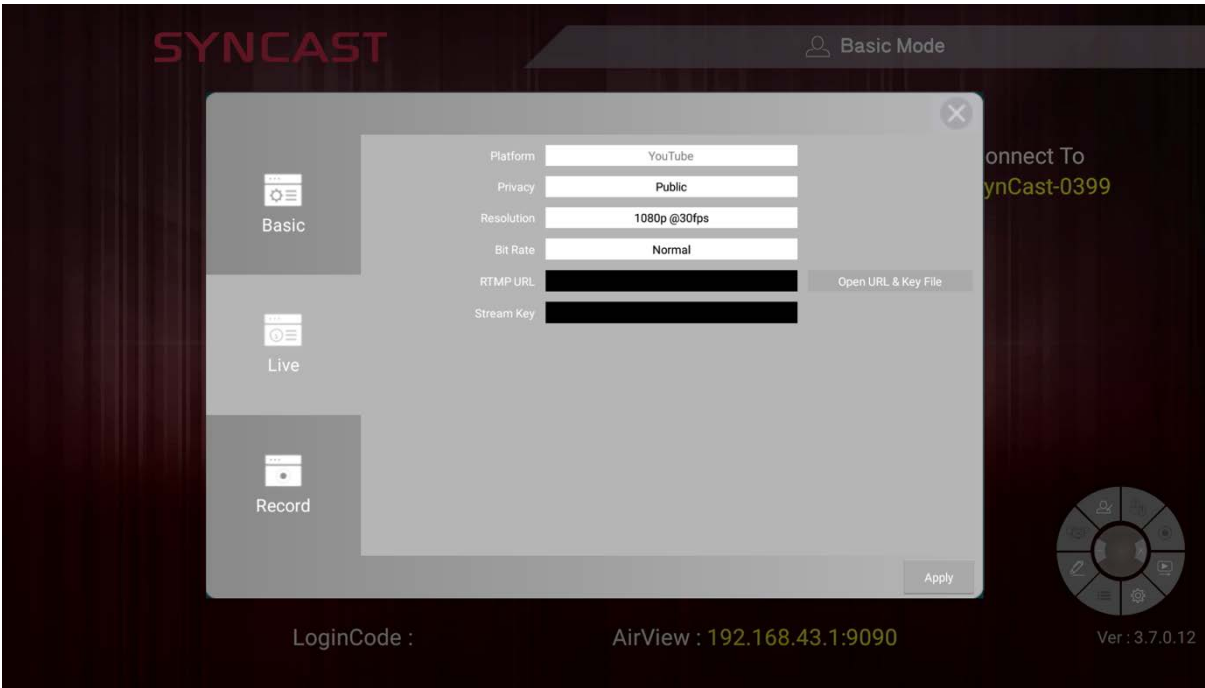
SynCast Display Setting

Basic Setting



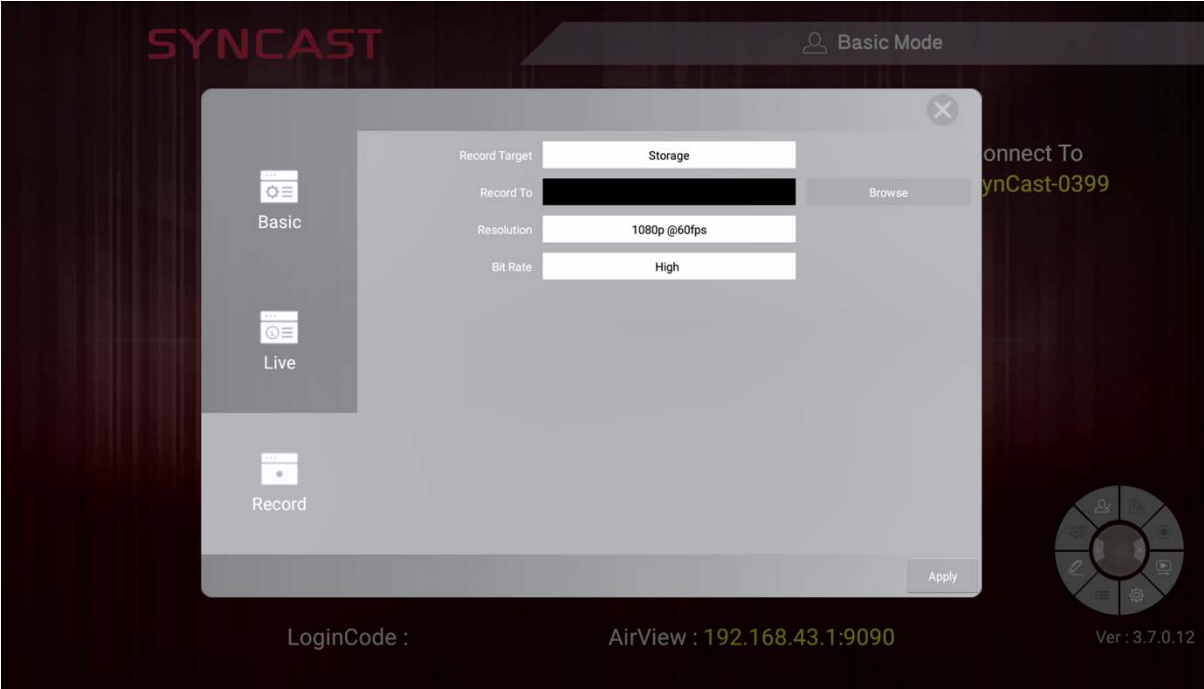
Item	Description
Software Server Name	Software server name is editable for customized name for the device.
Login Code	Editable if the Login Code Switch = ON Insert 4 digits number to appoint the Login Code
Login Code Switch	Random = generate 4 digits Login Code randomly , everytime the software was turned on ON = appoint 4 digits and remains the same. OFF = no Login Code required.
Basic Mode Overwrite	ON = The last mirroring client will overwrite the other client. OFF= The last mirroring client can't overwrite the other client.
Attendee Preview	Set the period of Attendee List Preview update. Only effective when Conference Mode enabled.
Version	The SynCast Share version. OTA Update is available.
Serial Number	Trial Version = Serial number is not inserted. Activated Version =Serial number will be show .
Expiration Date	Trial Version = Expired Day of trial. Activated Version = Expired Day of OTA update effective.
Connect to	Insert the WIFI name to connect to.
Network Priority	Network Priority for this device
Enable UFHD	Turn on UFHD to enable higher definition in mirroring .
Enable Airview	Enable Airview feature

Live Streaming Settings



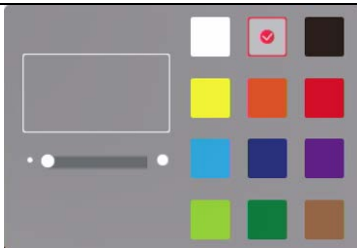
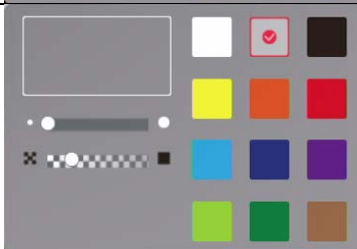
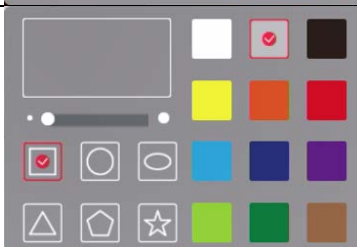
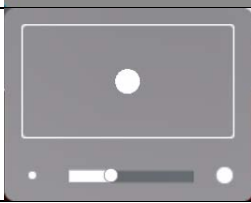
Item	Description
Platform	CT1800 currently only supports YouTube
Privacy	Select the privacy settings for your YouTube account .
Resolution	Select the resolution for live streaming
Bit Rate	Select the Bit rate for live streaming
RTMP URL	Insert your RTMP URL for live streaming
Stream Key	Insert your Stream Key for live streaming

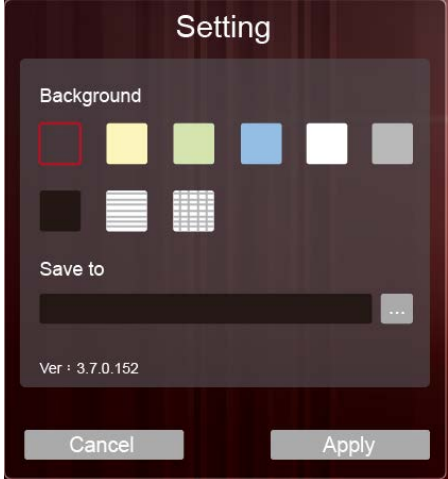
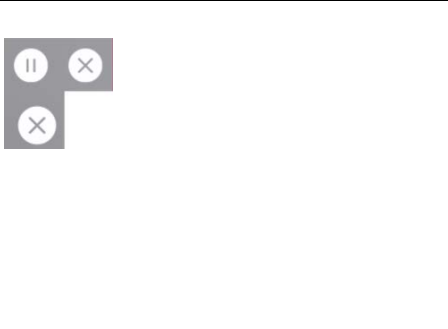
Record Setting



Item	Description
Record Target	The directory of recording
Record To	Select 'Browser' to choose a directory
Resolution	Select the resolution for recording
Bit Rate	Select the Bit Rate for recording

Annotator

	Item		Description
	Pen Tool		Adjust the size and color of Pen
	Highlight Tool		Adjust the size , transparency ,color or highlight
	Shape Tool		Adjust the Size , Shape , color or the
	Text Tool		Adjust font size, font color, font type.
	Eraser		Adjust the size of eraser
	Remove Page		
	Redo		
	Undo		
 1/	Page Selection		
	New Page		
	Save		

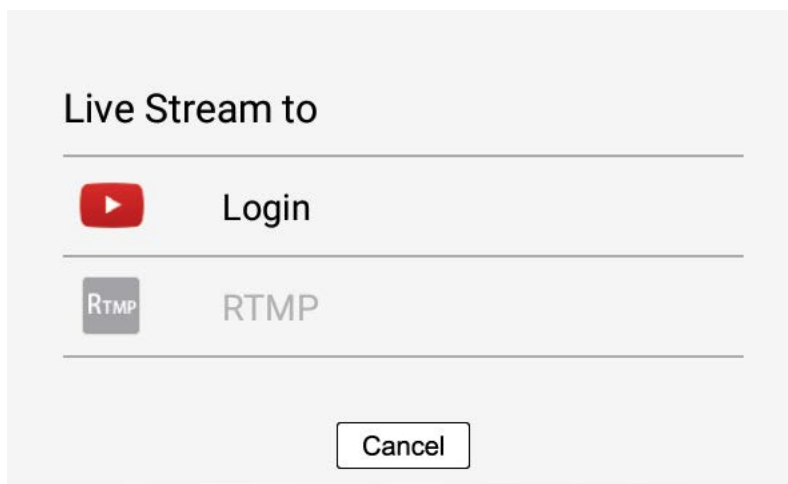
	Setting		-Adjust the color of your background. -Select '...' to choose the directory to save to. -Version is shown on the version section. -Select 'Cancel' to return to annotator. -Select 'Apply' to apply any change .
	Exit		-Select 'Pause' to pause annotator - Select 'Save' to -Select 'Exit' to exit annotator
	Minimize		

Live Stream Feature

Live Stream Account Set Up For YouTube



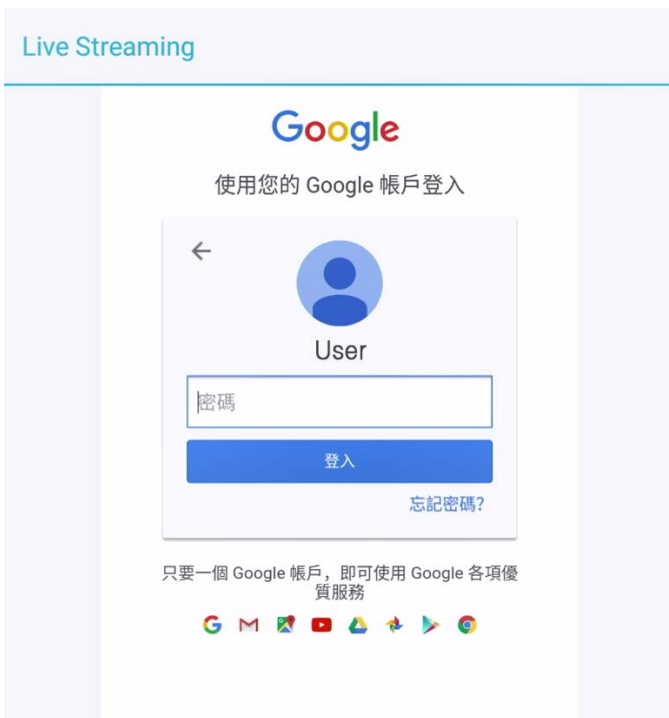
1. Select the Live Stream icon on the action shortcut.



2. Select 'Login'

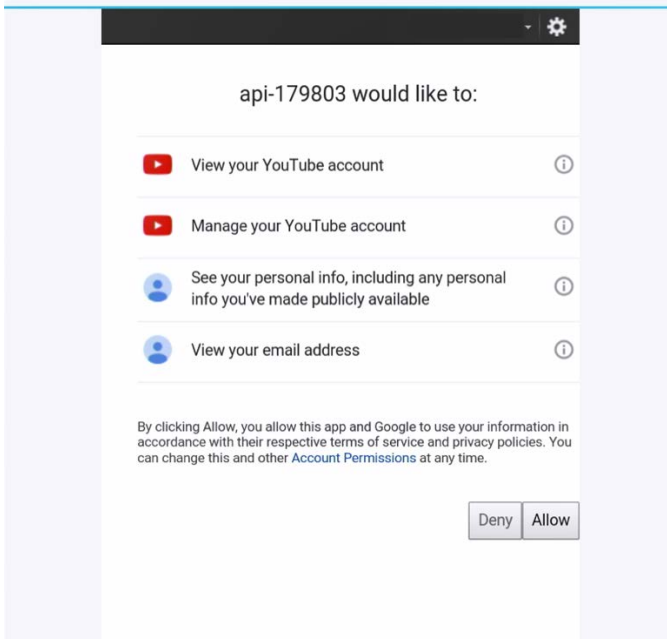


3. Insert YouTube Account, click 'Next'



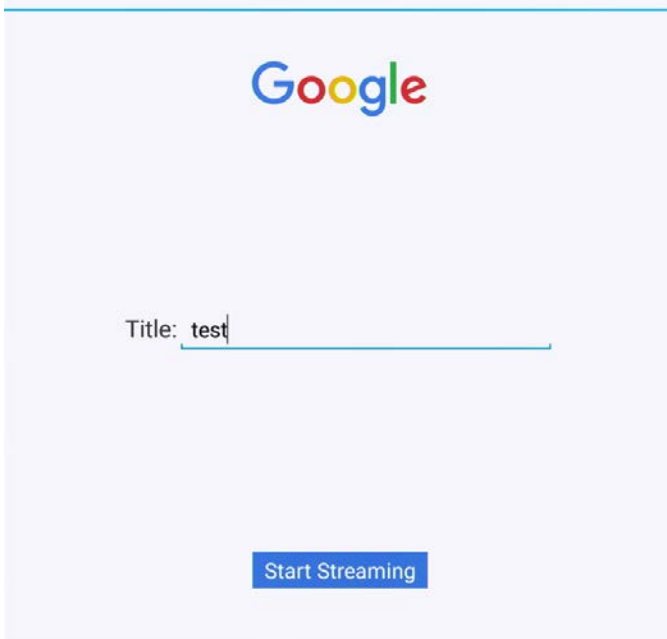
4. Insert Password, click 'Login'

Live Streaming



5. Click 'Allow'

Live Streaming



6. Insert the Title for the Live Stream Video. Click 'Start Streaming'



7. 'Live stream' Icon in the action shortcut shows red, the device is now ready to stream.



8. 'Live Stream' icon in the action shortcut shows green, the device is now live streaming.



9. Click the 'Live Stream' icon to stop streaming, the icon shows white.

Live Stream Account Set Up for RTMP (YouTube included)

```
rtmp://a.rtmp.xxxx.com/live2  
XXXX-XXXX-XXXX-XXXX
```

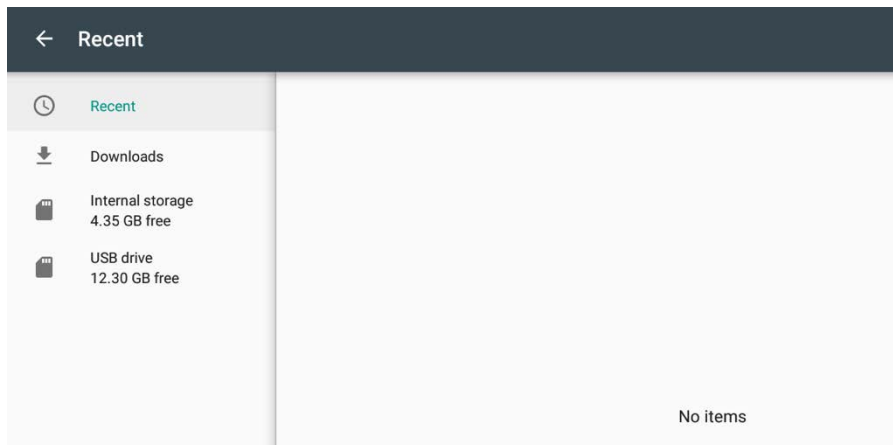
1. Create a 'rtmp.txt' file on your computer which include RTMP URL and Stream Key of the live stream platform.
2. Save 'rtmp.txt' to your USB storage and connect to CT1800.



3. Select 'Settings' icon on the action shortcut



4. Select 'Open URL & Key File'



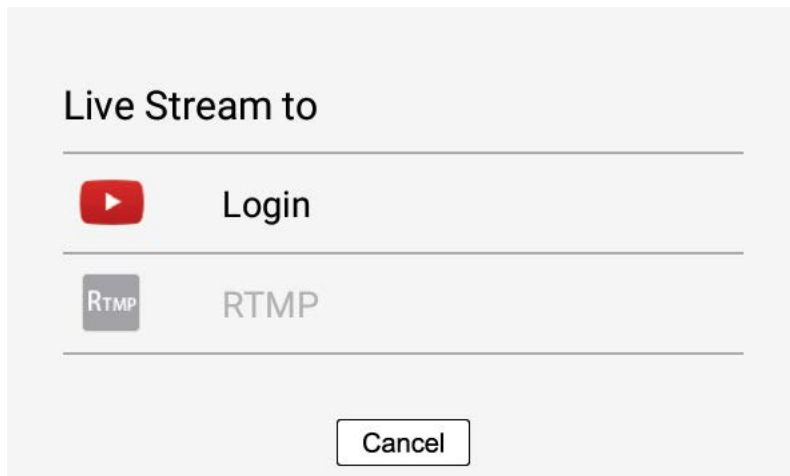
5. Select 'USB Drive' from the left navigation bar, and select the 'rtmp.txt'.



6. The RTMP URL and Stream Key will be shown accordingly
7. Select 'apply' to continue.



8. Select the 'Live Stream' icon on the action shortcut.



9. Select "RTMP"



10. 'Live stream' Icon in the action shortcut shows red, the device is now ready to stream.



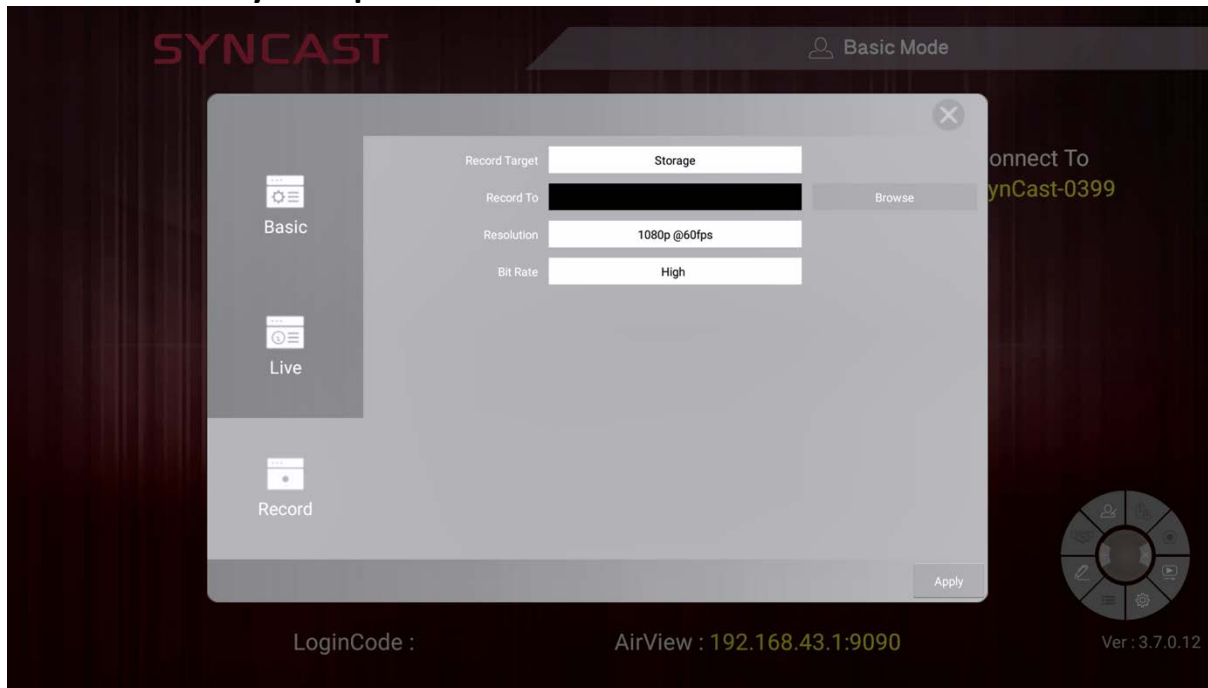
11. 'Live Stream' icon in the action shortcut shows green, the device is now live streaming.



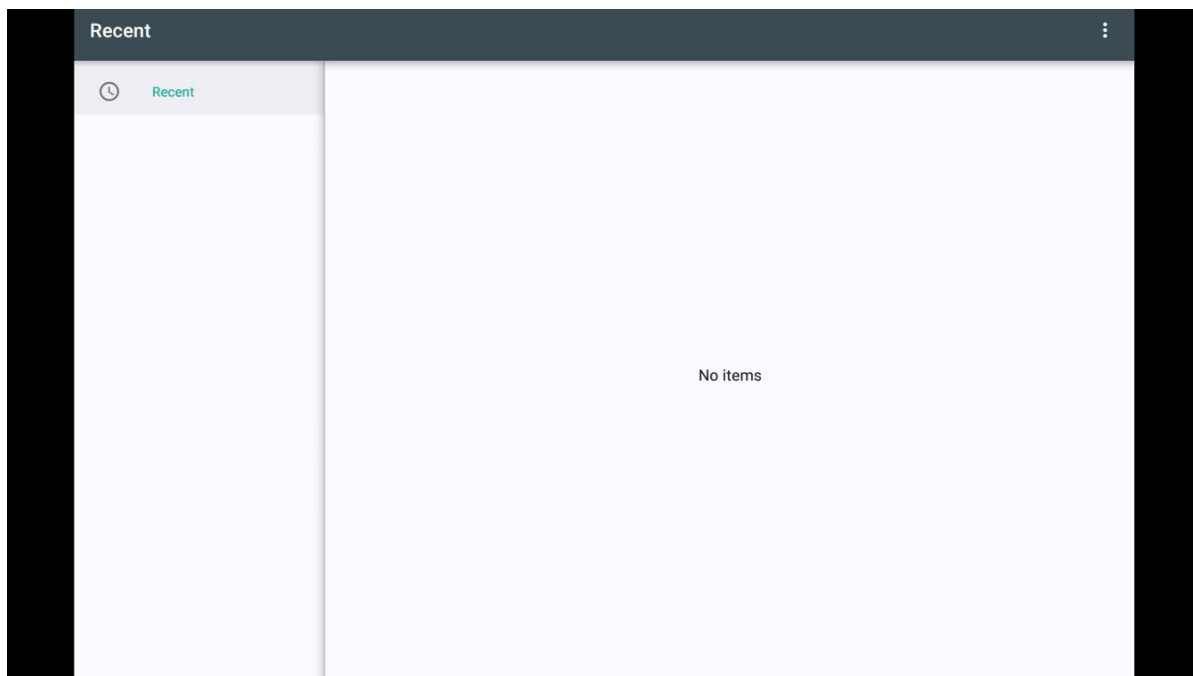
12. Click the 'Live Stream' icon to stop streaming, the icon shows white.

Record Feature

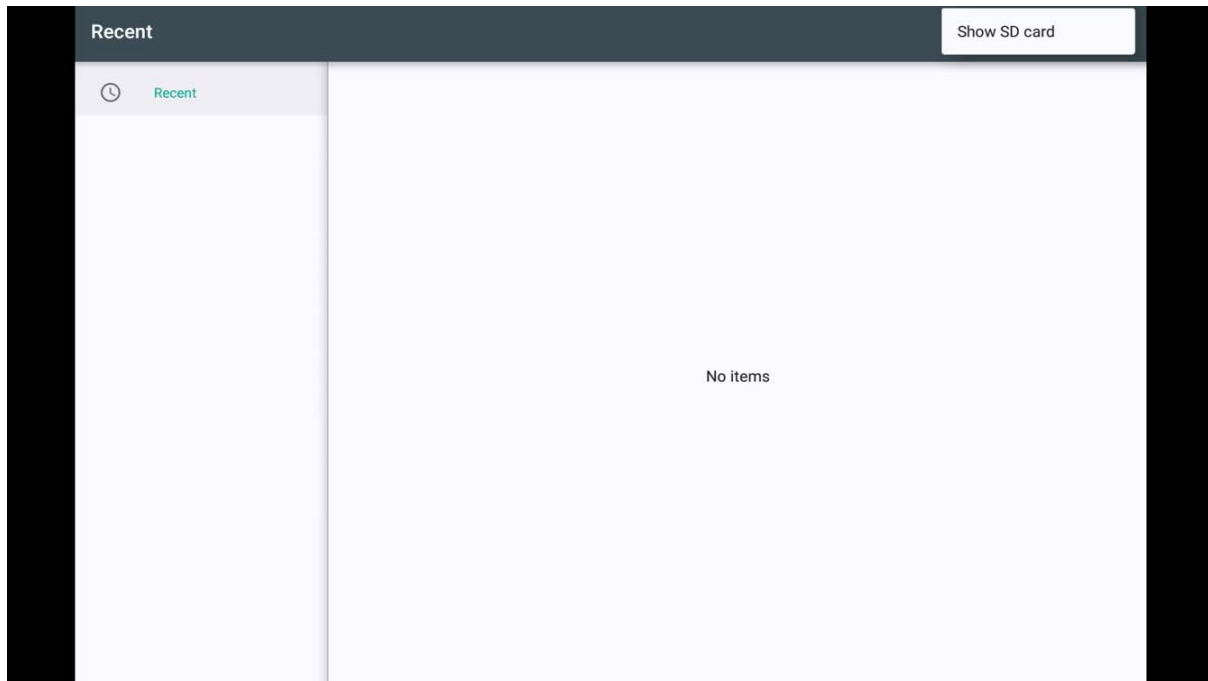
Record Directory Set up



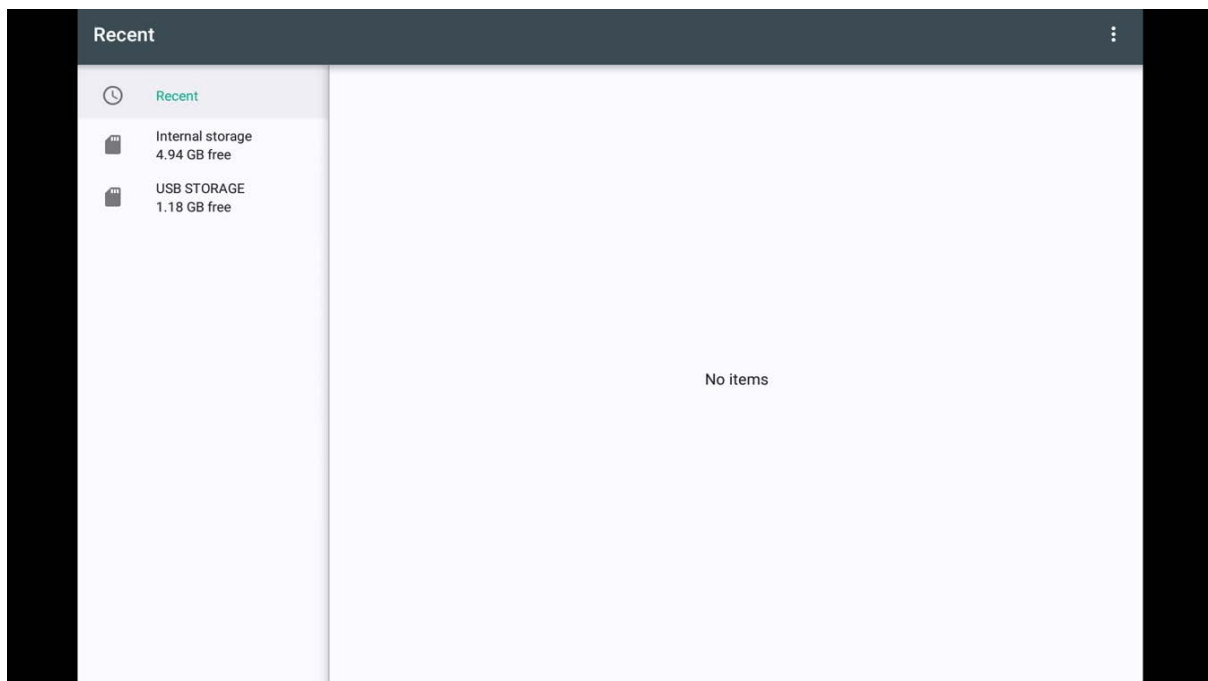
1. Click 'Browser' to choose a directory



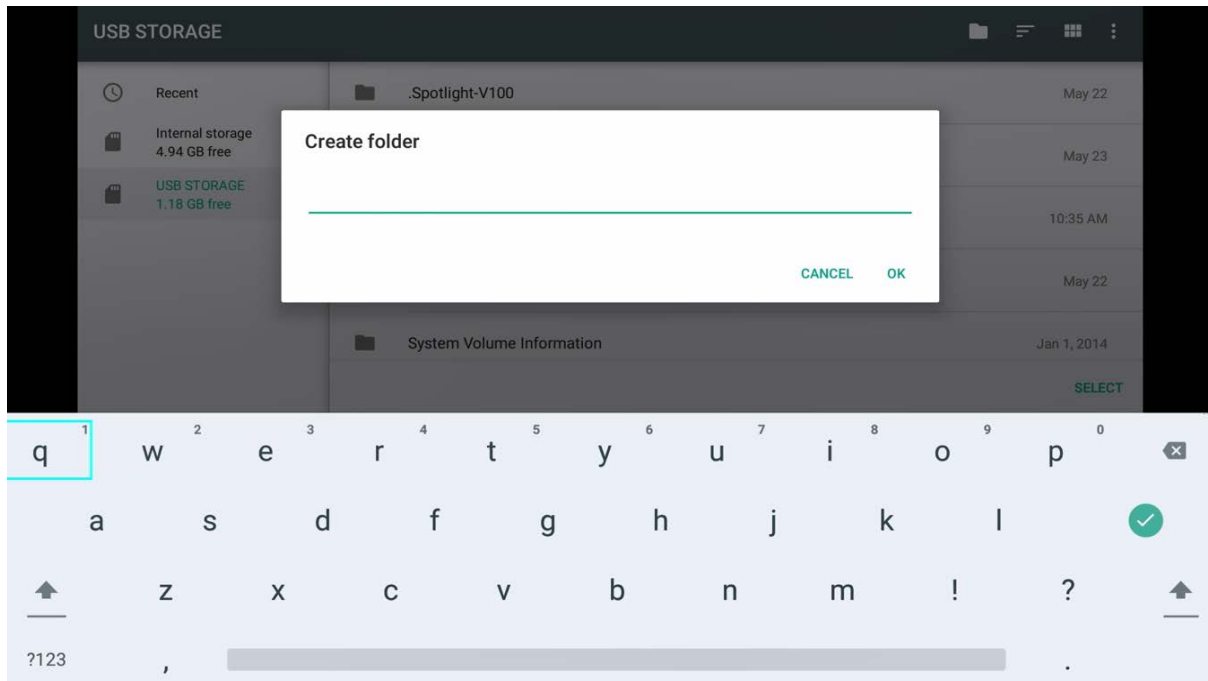
2. Click the '...' icon at the top right.



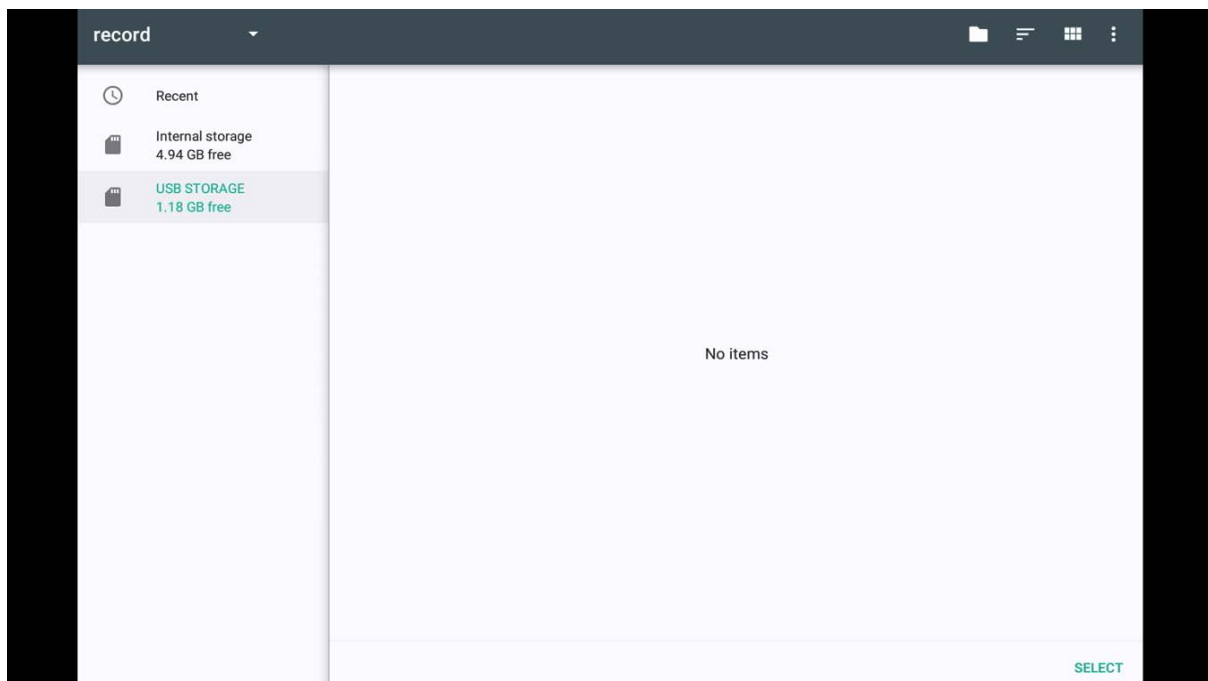
3. Click 'Show SD card'.



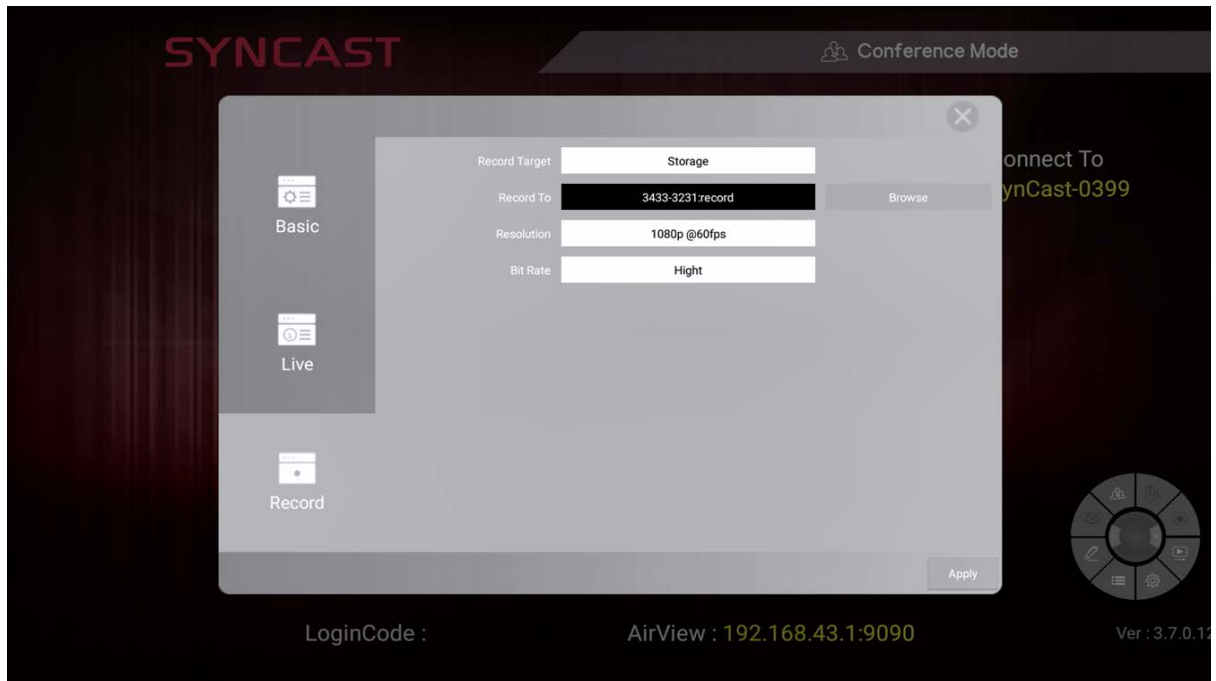
4. Select the Storage to save.



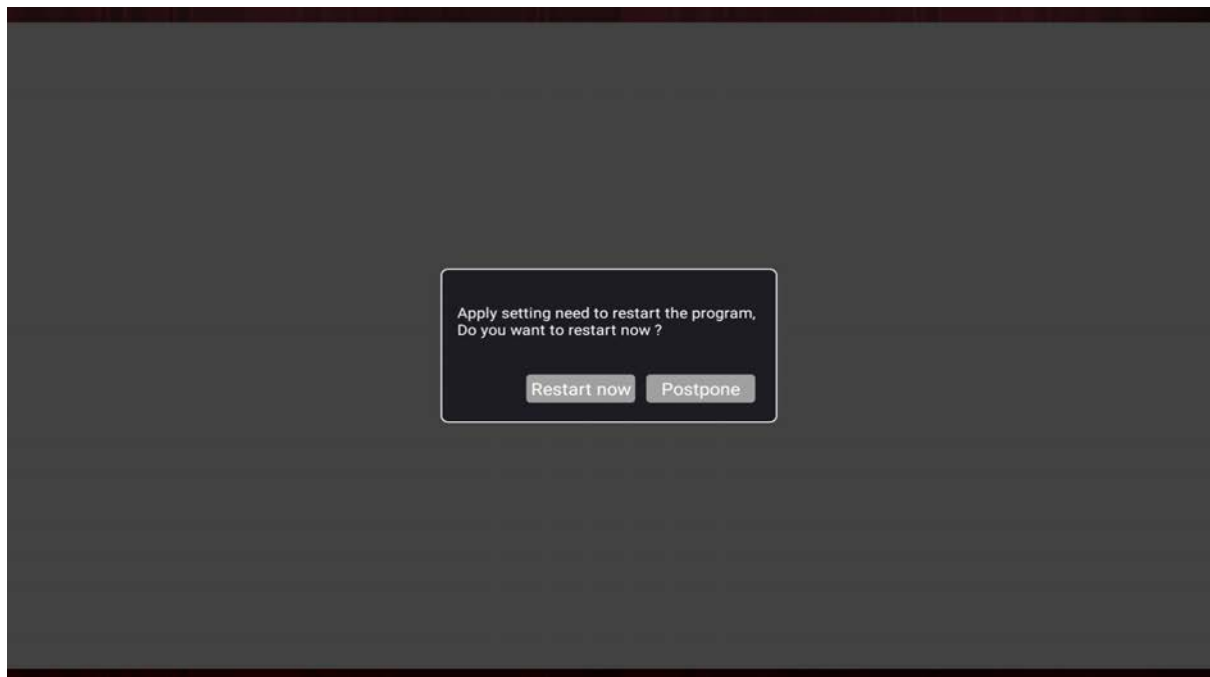
5. Click 'New Folder' icon on the top right corner and create a new folder .



6. Click "Select" ,the video will now being record to the directory you just selected.



7. The Record To column will show the directory you chosen, Click 'Apply'



8. Select Restart now, SynCast Display will restart and the settings will be applied.



9. Select the 'Record 'icon on the action shortcut



10. The 'Record' icon will change to

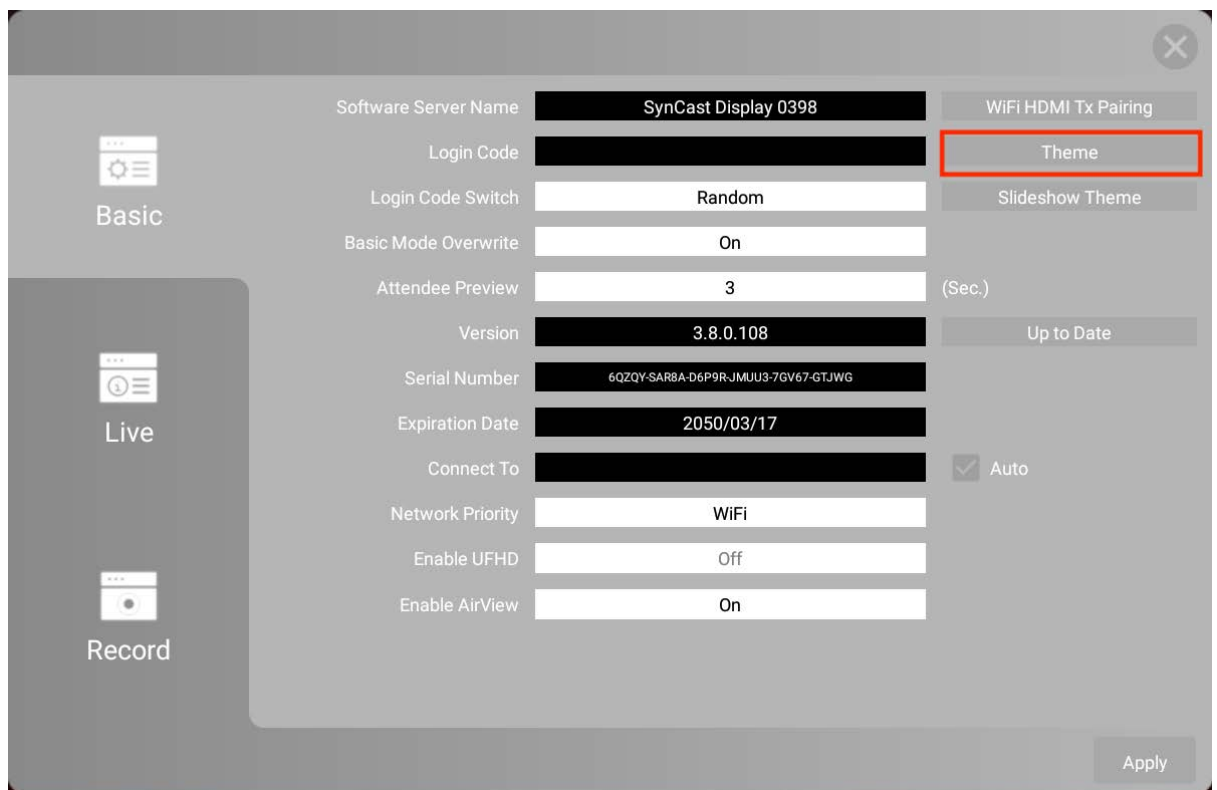
Theme

You can customize your standby screen of your CT1800 to match the theme of your meeting room or class room.

1. Create a folder in your root directory of USB storage and name it as 'theme'.
2. Save all the image you would like to use as theme in to the 'theme' folder.(support JPG/PNG/JPEG)



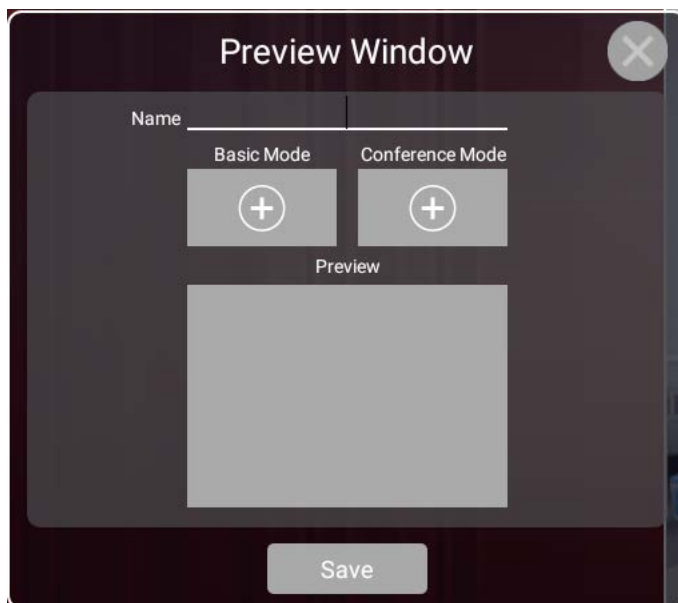
3. Select the 'Settings' icon on the action shortcut.



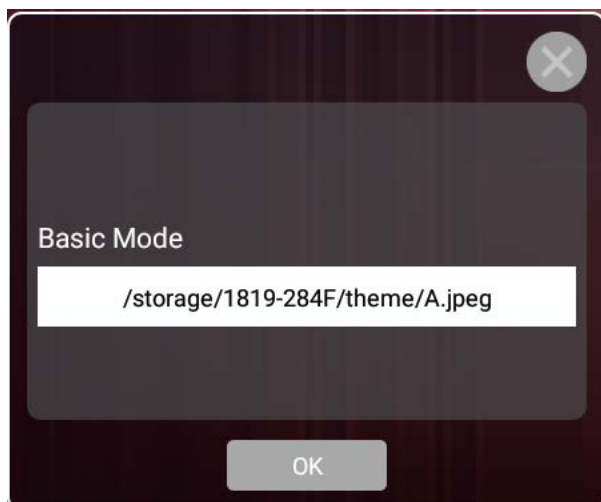
4. Select 'Theme ' in the 'Settings'.



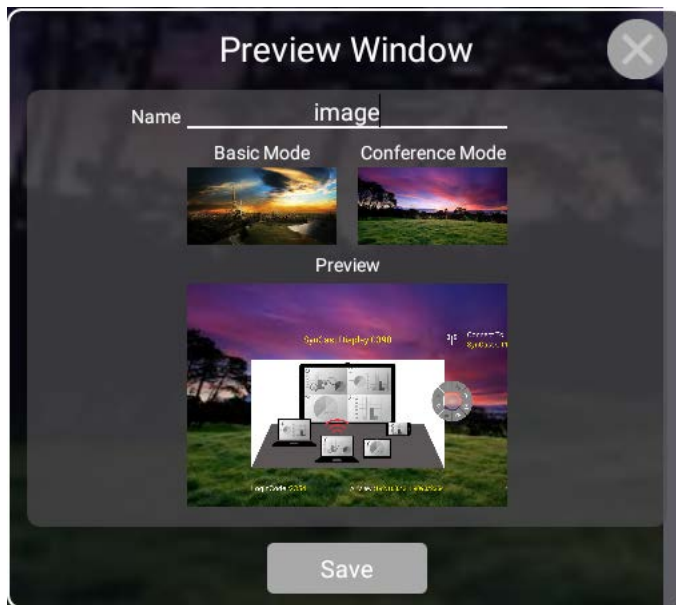
5. Select 'Add' in the dialog.



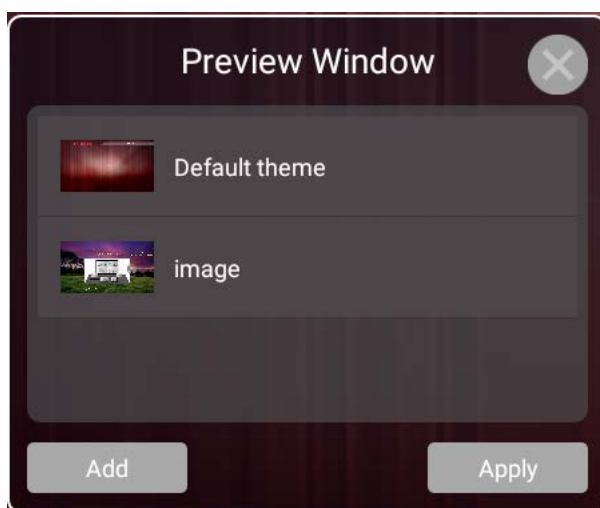
6. Insert the name of theme, and select the '+' Icon on the 'Basic Mode' .



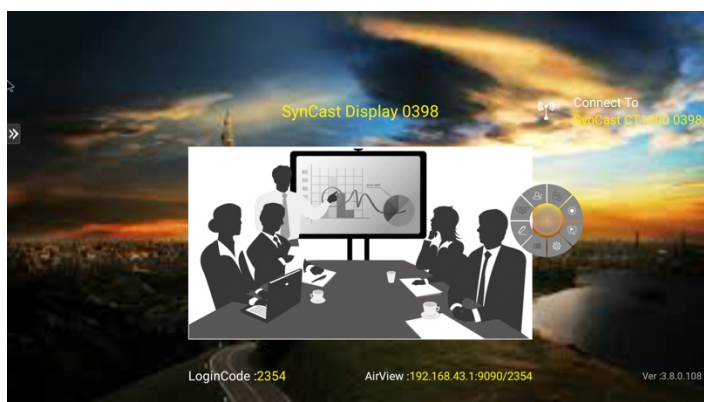
7. Click the white column to select the image you want.



8. After insert the name and image , Select 'Save' to save the theme.



9. Select the favourite theme and select 'Apply'



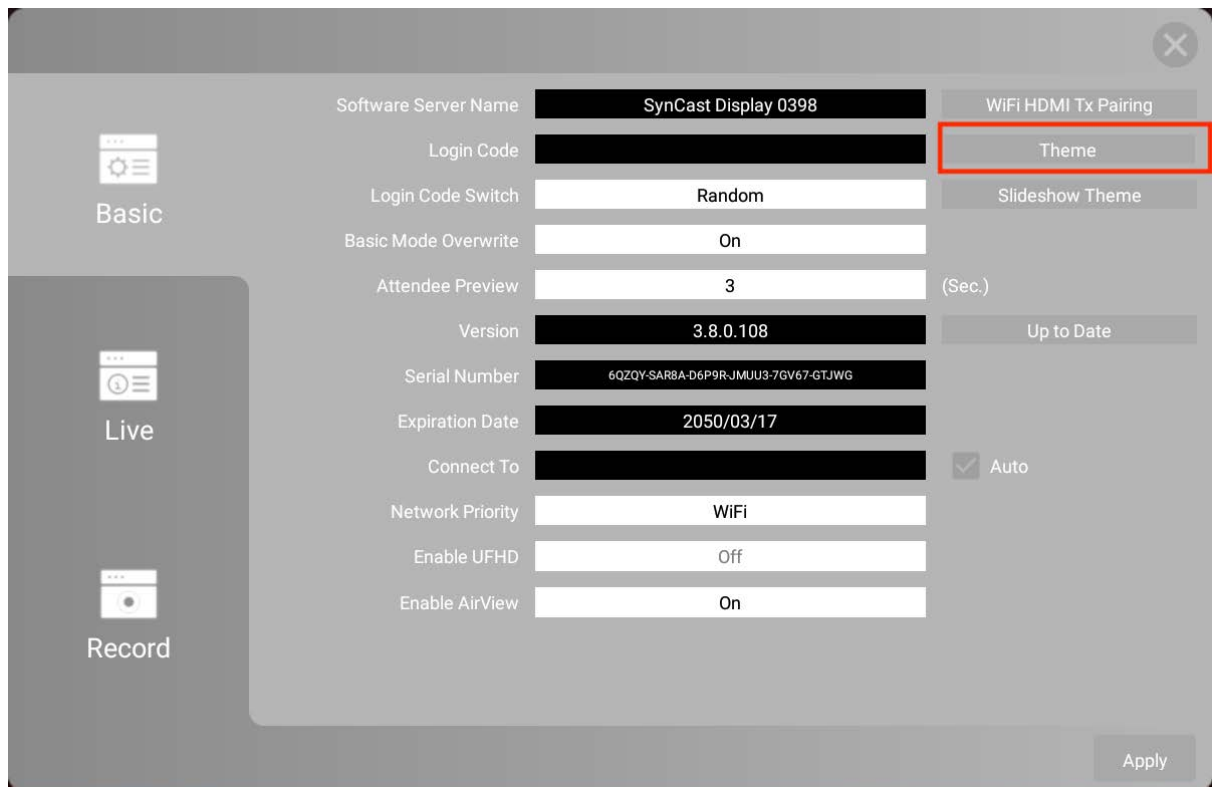
10. Theme is successfully changed !

SlideShow Theme

1. Create a folder in your root directory of USB storage and name it as 'slideshow'.
2. Save all the image you would like to use as theme in to the 'theme' folder.(support GIF)



3. Select the 'Settings' icon on the action shortcut.



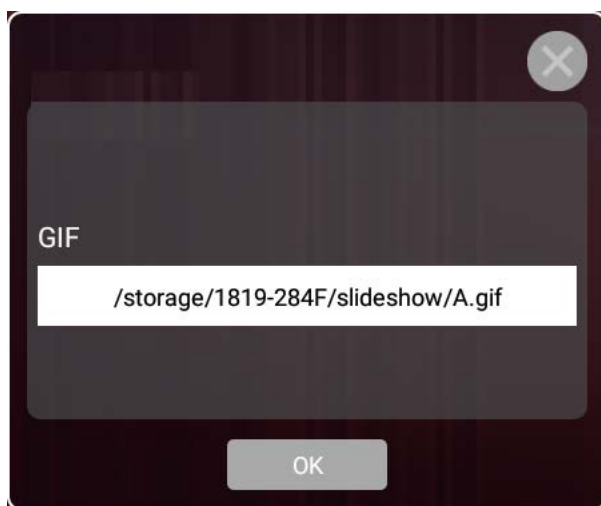
4. Select 'SlideShow Theme' in the 'Settings'.



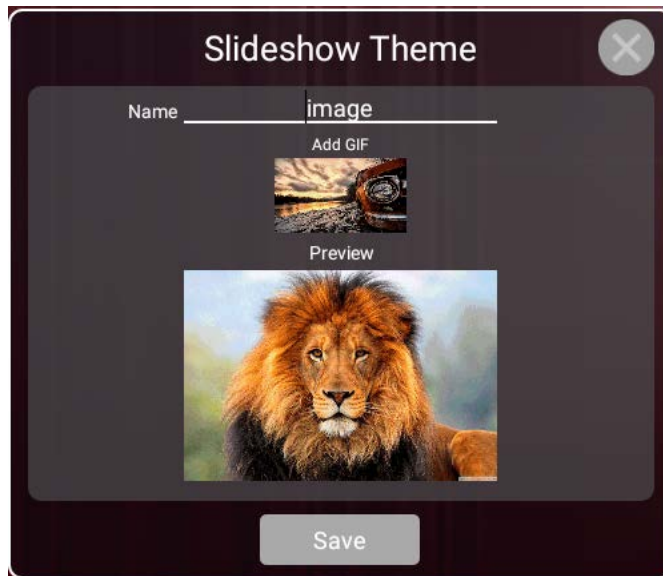
5. Select 'Add' in the dialog.



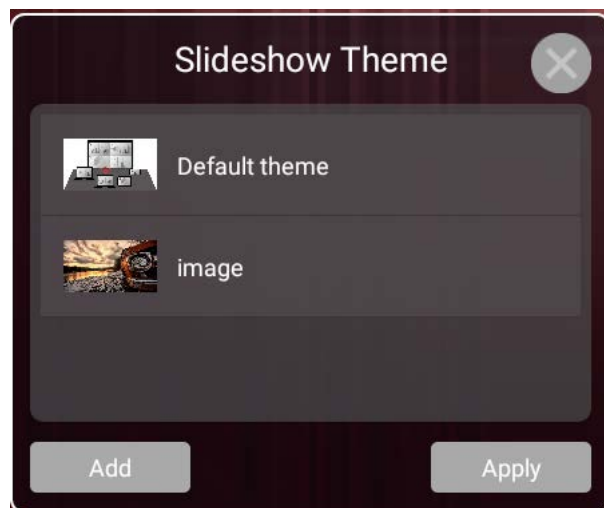
6. Insert the name of theme, and select the '+' Icon on the 'Add GIF' .



7. Click the white column to select the GIF you want.



8. After insert the name and image , Select 'Save' to save the theme.



9. Select the favourite theme and select 'Apply'



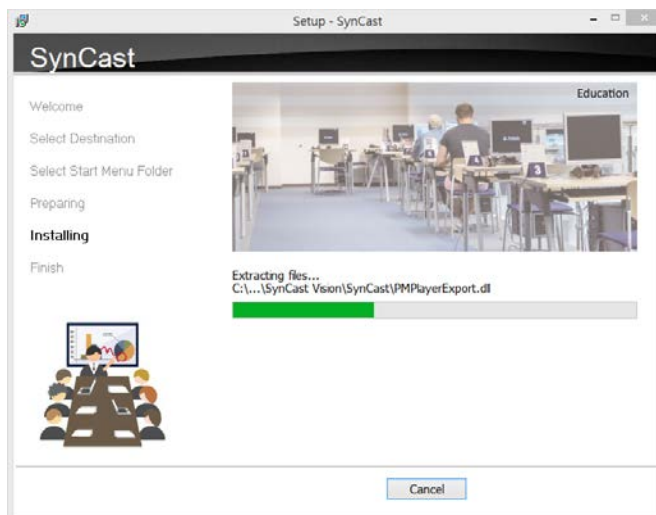
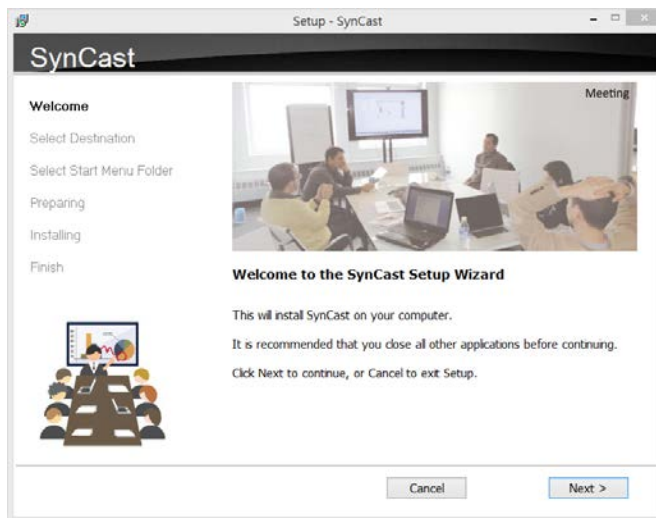
10. Theme is successfully changed !

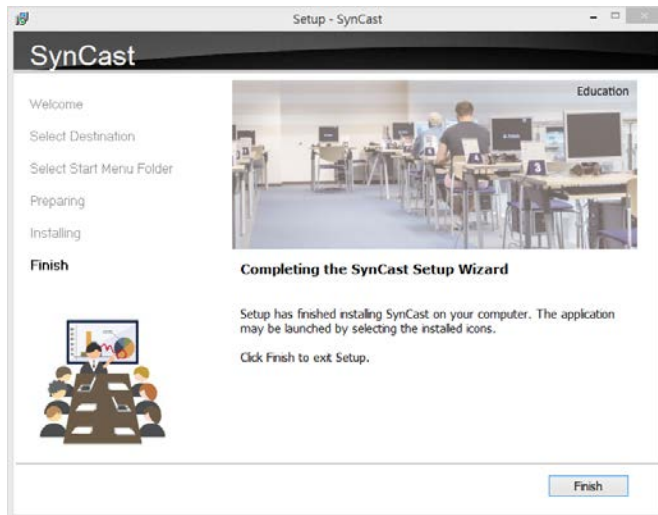
SynCast Software Transmitter

SynCast Windows Transmitter Software

Install SynCast Windows software

You can install SynCast application. Go through the steps to complete the software installation.





Launch SynCast Windows software



1. Launch the SynCast software, the pairing wizard window shows up.



2. Pairing the SynCast Display
SynCast client should connect to the same network with the SynCast Display receiver.
You can refer to the information on standby screen of SynCast Display receiver

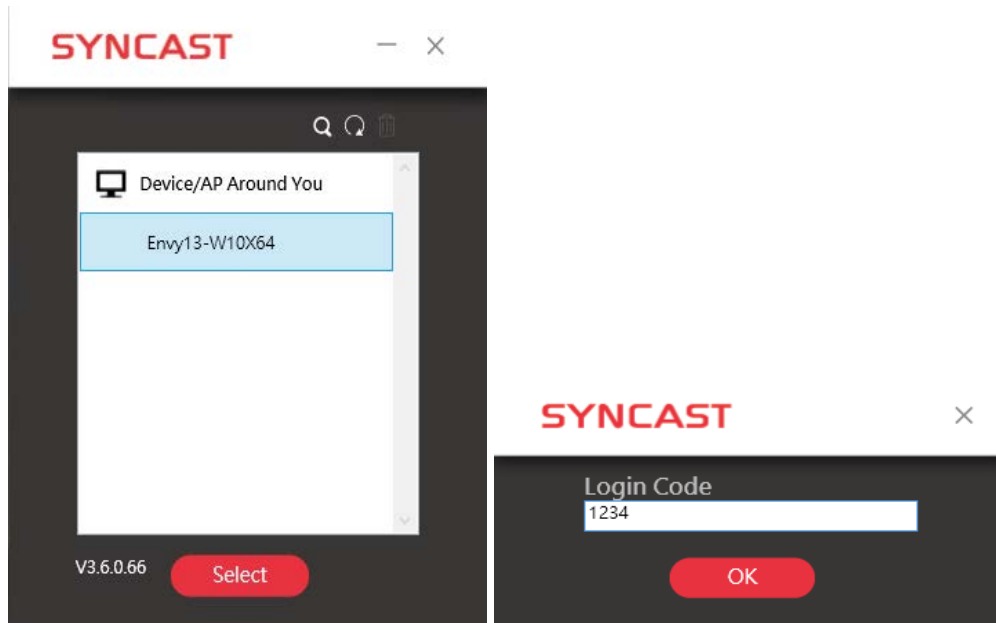
Depending on the connection status, there are 3 types of pairing method.

Type A	Client connects to the router via Wi-Fi SynCast Display connects to the router via Wi-Fi or LAN
Type B	Client connects to the router via LAN SynCast Display connects to the router via LAN or Wi-Fi
Type C	Using HotSpot of the receiver device platform. Client connects to SynCast Display via Wi-Fi HotSpot of the receiver device directly.

General Pairing Steps

When client's device is already connected to the same network with the receiver device. SynCast software can find the receiver device.

1. Select the correct receiver device which you are going share screen.
2. Input the Login Code. Press "Play" to start sharing screen.



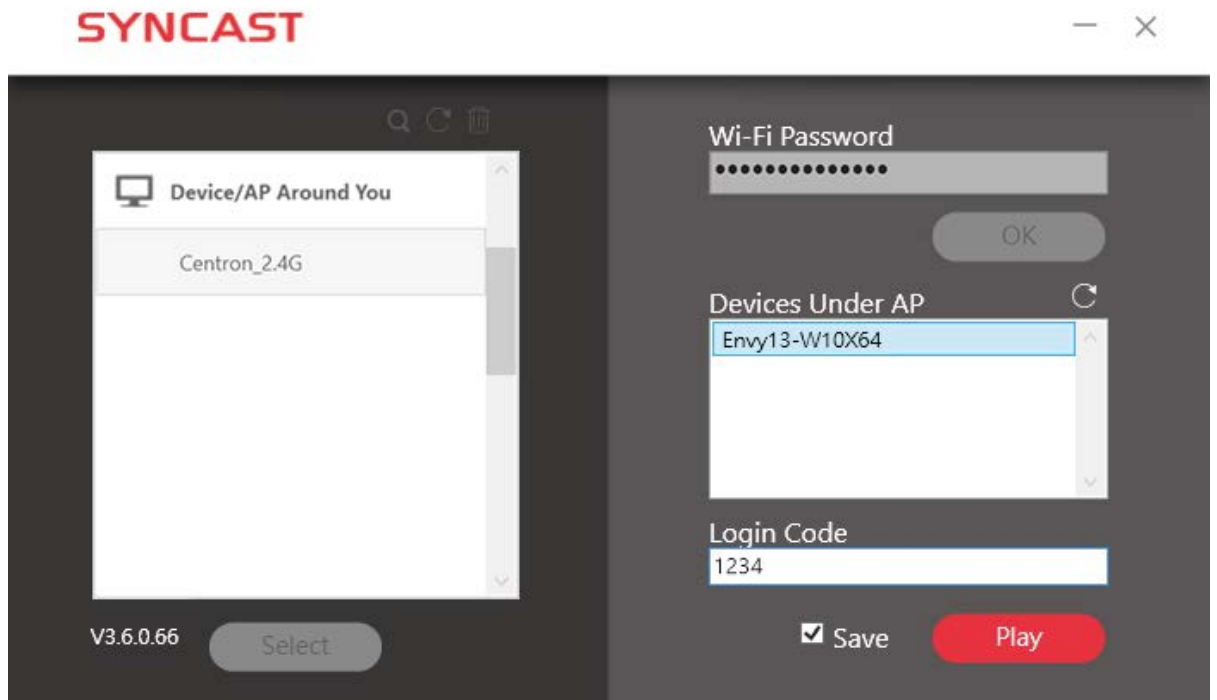
If you cannot find the device directly, here are some guides for different pairing methods.

Type A: Client connects to the router via Wi-Fi

1. Select the WiFi router and click the “Select” button. The right pane will expand.



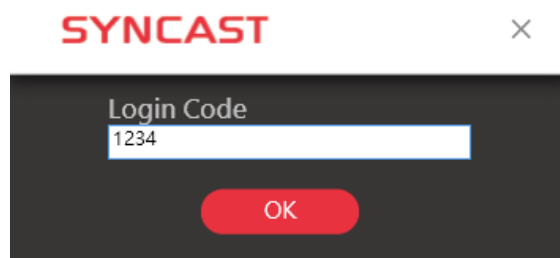
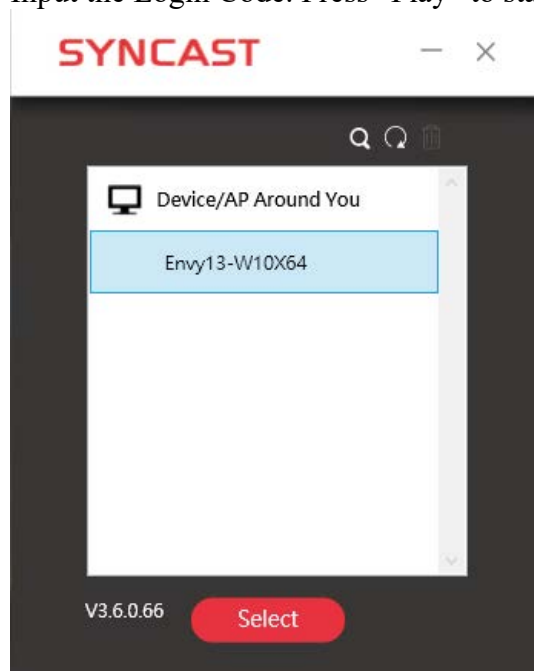
2. Input the Wi-Fi password of the router and click “OK”.
3. Select the correct receiver device which you are going share screen.
4. Input the Login Code. Press “Play” to start sharing screen.



Item	Description
	Device/AP Around You. Select the router you want to connect to. The SynCast Display receiver should be located behind this router.
	Find the receiver by IP.
	Refresh the list if the Wi-Fi router or device if it doesn't appear.
	Select the saved pairing record and discard it.
	Choose the router, click "Select" to connect.
Wi-Fi Password	Input the Wi-Fi password you set in Soft AP mode
Device Under AP	SynCast Display receiver name will be located and shown here.
Login Code	In put the Login Code if you see it on SynCast Display receiver.
Save	Save the pairing record in the client PC.
	Start the screen mirroring.

Type B. Client connects to the router via LAN

1. Select the correct receiver device which you are going share screen.
2. Input the Login Code. Press "Play" to start sharing screen.

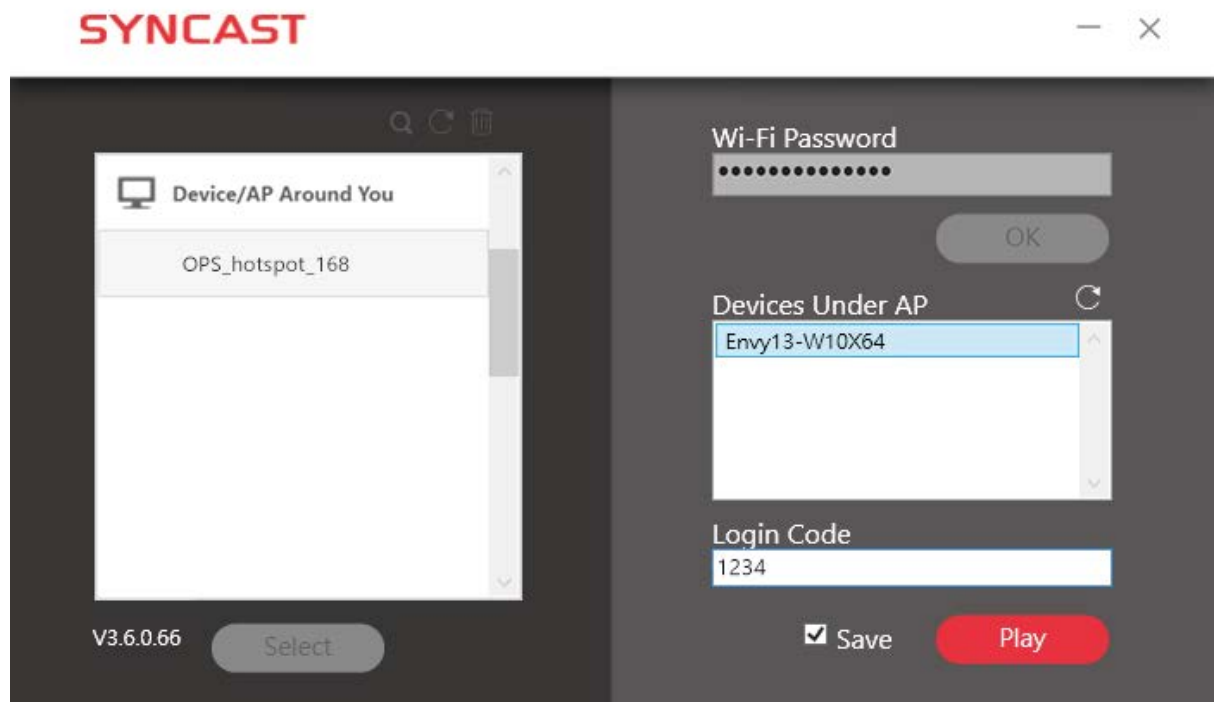


Item	Description
	Device/AP Around You, the SynCast Display server will be located in the list.
	Refresh the Wi-Fi List if the router didn't appear.
Select	Choose the server, click "Select" to connect and start screen mirroring.

※ Because the client PC connects to the router via LAN cable, no pairing record to save.

Type C. Using HotSpot of the receiver device platform (Soft AP mode)

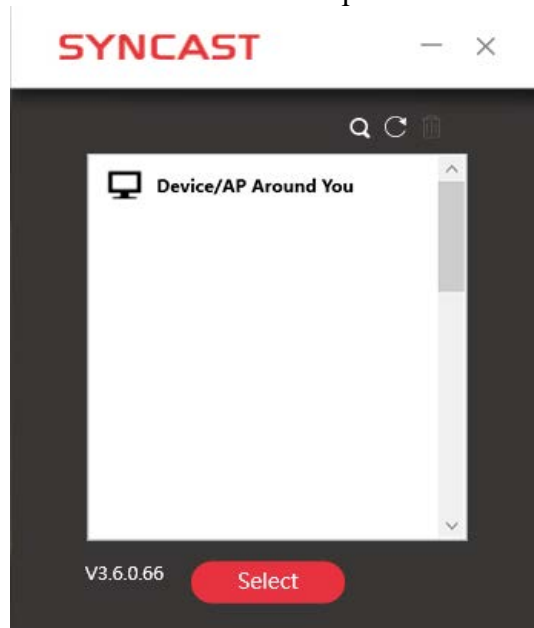
1. Select the WiFi router and click the "Select" button. The right pane will expand.
2. Input the Wi-Fi password of the router and click "OK".
3. Select the correct receiver device which you are going share screen.
4. Input the Login Code. Press "Play" to start sharing screen.



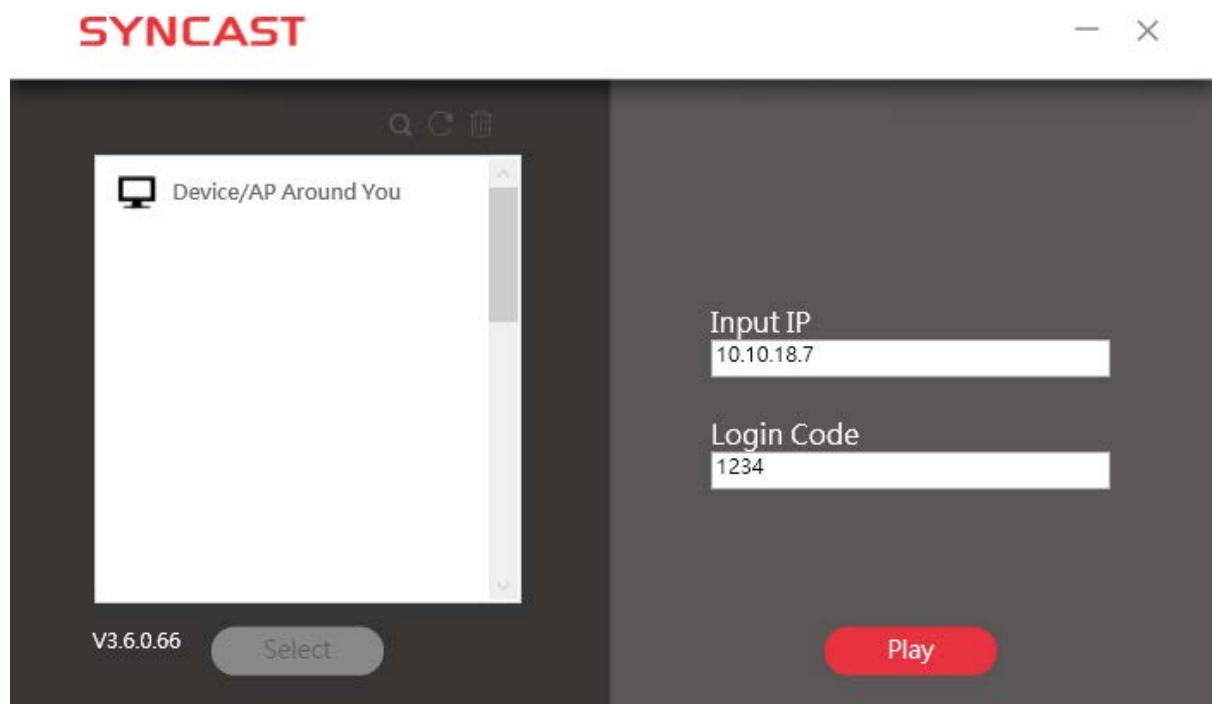
Item	Description
	Device/AP Around You. Select the router you want to connect to. The SynCast Share receiver should be located behind this router.
	Find the receiver by IP.
	Refresh the list if the Wi-Fi router or device if it doesn't appear.
	Select the saved pairing record and discard it.
	Choose the router, click "Select" to connect.
Wi-Fi Password	Input the Wi-Fi password you set in Soft AP mode
Device Under AP	SynCast Share receiver name will be located and shown here.
Login Code	In put the Login Code if you see it on SynCast Share receiver.
Save	Save the pairing record in the client PC.
	Start the screen mirroring.

Find by IP manually

In some cases, the client's device and the receiver device are under same network but not at the same level. Follow the steps below to find the receiver by IP address manually.



1. Click , the right pane will expand.



2. Input the IP and login code. Press “Play” to start sharing screen.

SynCast Windows User Interface

Basic Mode — Main Panel



Item	Description
	Click to show the Version / Server IP / Server Name information
	Minimize the SynCast control panel
	Close the SynCast program
	Launch the Document Share
	Launch the Annotator
	Launch the SynCast setting
	Launch the Conference Mode
	Press Play to start the screen mirroring. Press Pause to pause the mirroring.
	Stop the screen mirroring.
	Audio Slide bar to control the audio volume.
	Mute / Un-mute switch.
Login Code	The login code typed for connecting to the receiver.

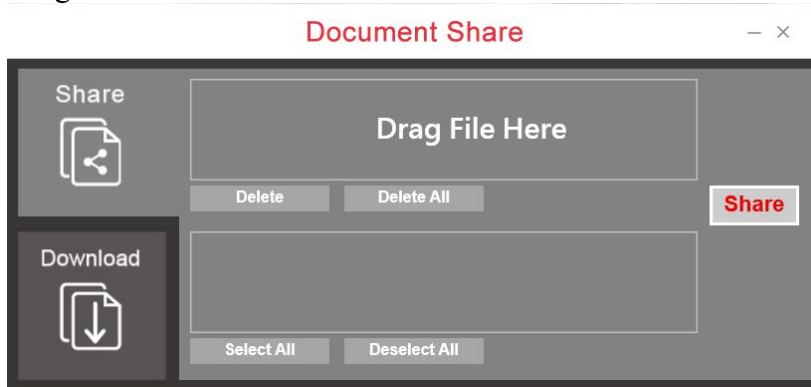
Document Share

Windows PC and Mac can share files among each other with Document Share function.

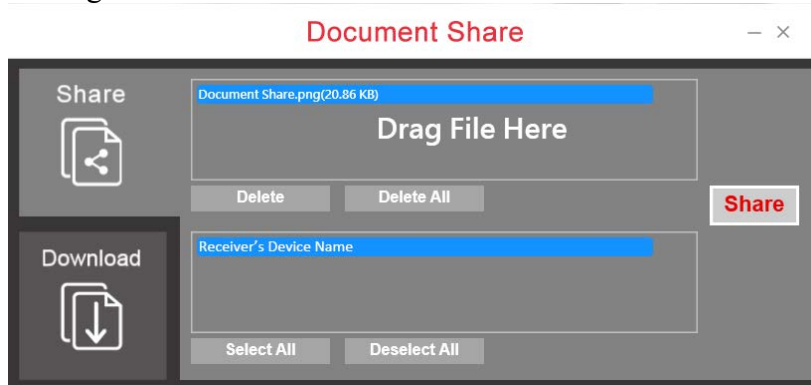
Click , the Document Share panel will show up.

1. Share the file

- (1) Drag the file to the box.



- (2) Select other clients who can receive the file and click the “Share” button to start sharing.



2. Download the file

- (1) Go to “Download” pane to see the file which others share with you.
- (2) Select “Yes” to download the file or “No” to reject.



Annotator

Click , the annotator will show on the left side of screen.

1. Main functions

Mode selection	Function Description
	Use the screen mode to draw. It will use a transparent layer over the mirroring screen to show the drawing.
	Use the sketch mode to draw. It will use a white plain layer over the mirroring screen to show the drawing.
	Exit the Annotator
In the screen mode	Function Description
	Save the drawing to the file.
	Pause the drawing, and back to the mirroring screen to use your PC.
	Discard any drawing and back to the mode selection.
In the sketch mode	Function Description
	Save the drawing to the file.
	Pause the drawing, and back to the mirroring screen to use your PC.
	Discard any drawing and back to the mode selection.

2. Drawing Tool Bar

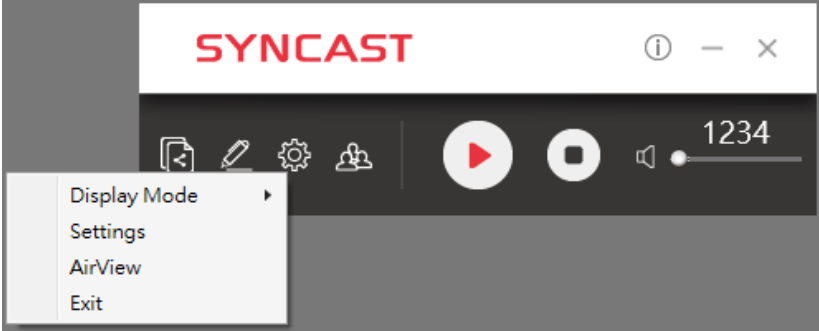
Right click the mouse to launch the drawing tool bar. You should do the same command with mouse touchpad on touch screen. (Click behavior may be vary on each device.)



	Pen to draw the line.		Clean all drawing
	Light marker to draw to point out the important area.		Undo
	Text Box		Redo
	Shape Tool		Close the drawing tool bar.
	Eraser to erase the drawing area		

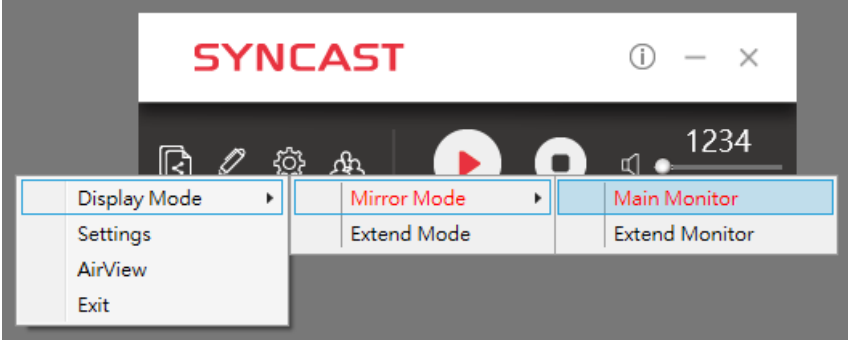
Settings

Click  to see the setting menu.

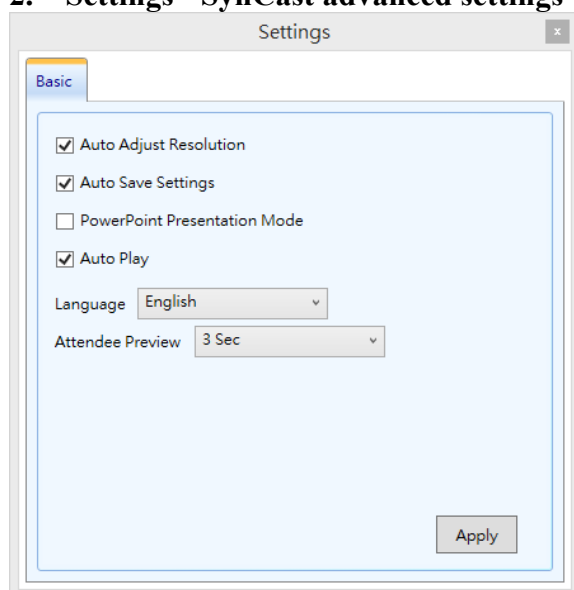


1. Display Mode

Mirror the current PC screen or share the extend screen. If there is another monitor connecting with the PC, you can choose to play the extend monitor.



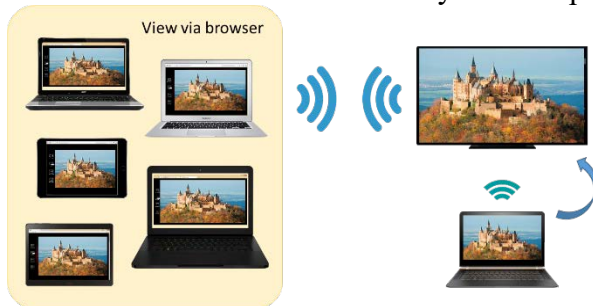
2. Settings - SynCast advanced settings



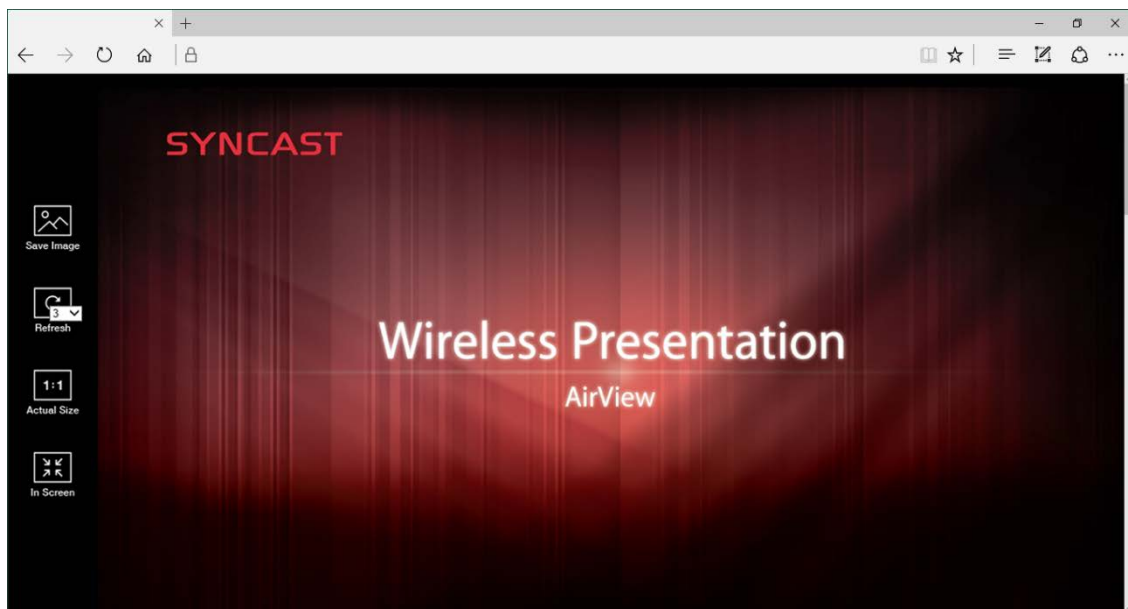
Item	Function Description
Auto Adjust Resolution	Apply the receiver output resolution to the transmitting PC.
Auto Save Settings	Save these settings automatically.
PowerPoint Presentation Mode	Use HW encoding to get better mirroring performance.
Auto Play	Start the screen mirroring automatically after connecting to the receiver.
Language	Select the SynCast application language. (Need to restart to apply change)
Attendee Preview	Set the period of Attendee List Preview update. Only effective when Conference Mode enabled.

3. AirView

AirView is a slide show feature that clients can see the shared screen on the Receiver with browser. Good for clients faraway from display and take notes of the shared slides.



For client PCs doesn't install the SynCast software, they can also use the browser to see the slide show. Input the IP of the receiver and select AirView. Then watch the shared screen via browser temporarily.



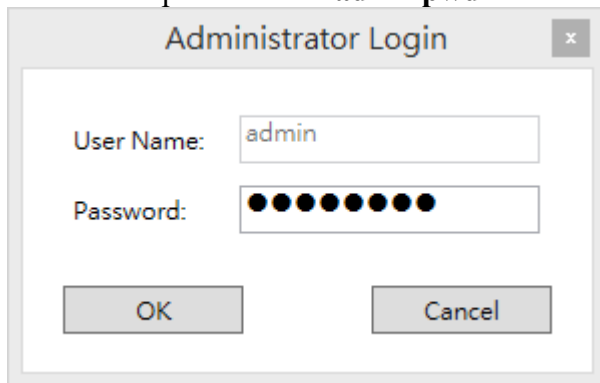
4. Exit

Close the SynCast software.

Conference Mode

Conference Mode is a meeting control system that enables the meeting host as admin to organize the connected devices and select which screen to share and stop. If the admin doesn't choose the client which may not share the screen. Admin have the initiative to manage the shared screens.

Click the  and input the conference password to switch to Conference Mode. The default password is “**adminpwd**”.

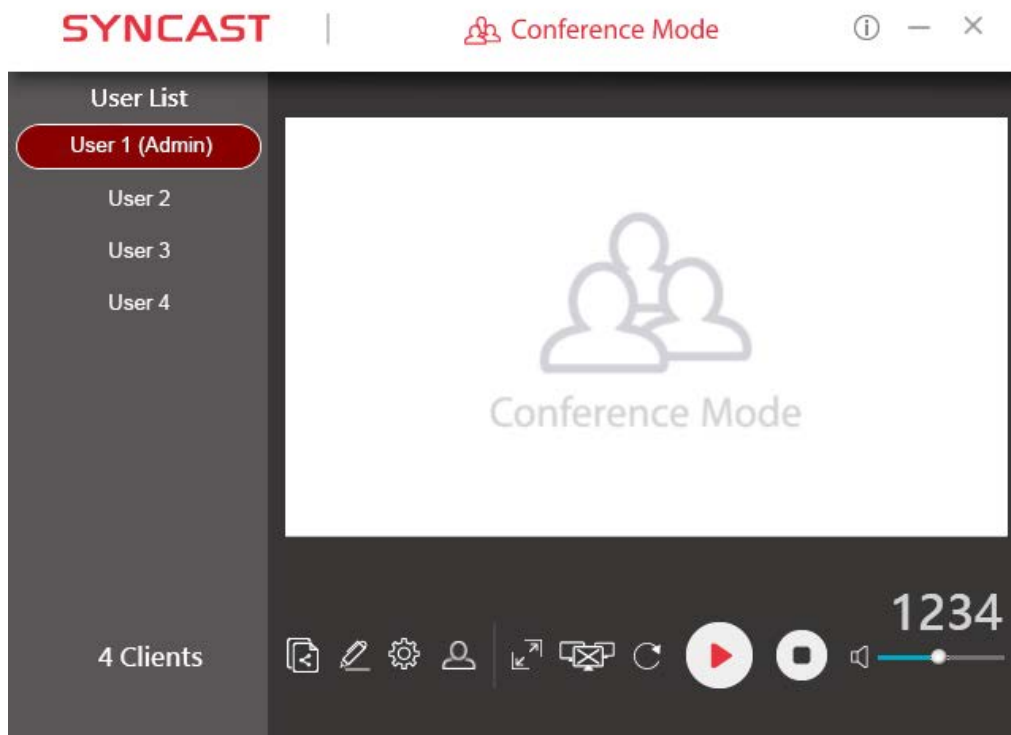


The image shows a dialog box titled "Administrator Login". It contains two input fields: "User Name:" with the text "admin" entered, and "Password:" with ten black dots representing a masked password. Below the fields are two buttons: "OK" and "Cancel".

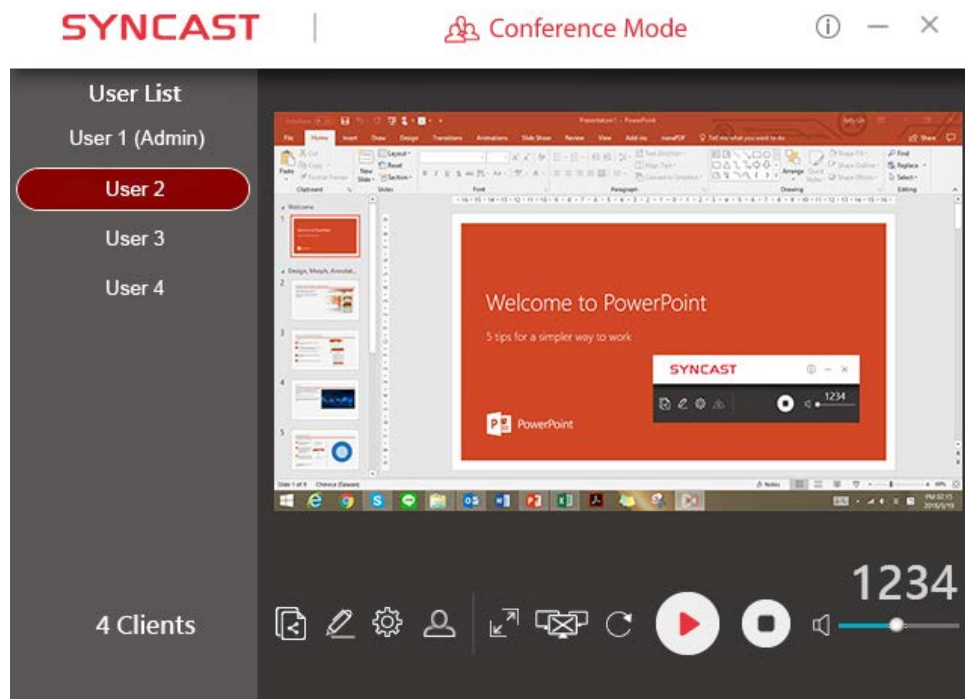
Admin's Panel

Select a client to preview the screen.

Press Play button to let the selected client to share the screen.



The image shows the SYNCAST Conference Mode interface. At the top, there is a header bar with the "SYNCAST" logo on the left, a "Conference Mode" label with a group icon in the center, and window control icons (info, minimize, maximize) on the right. Below the header, the interface is split into two main sections. On the left is a "User List" sidebar with a dark background, containing a list of users: "User 1 (Admin)" (highlighted with a red background), "User 2", "User 3", and "User 4". On the right is a large white area displaying a faint group icon and the text "Conference Mode". At the bottom of the interface is a dark control bar. On the left of this bar, it says "4 Clients". In the center, there is a row of icons: a document, a pencil, a gear, a person, a screen, a mail, and a refresh symbol. To the right of these icons is a large red play button, a square stop button, and a volume slider. On the far right of the control bar, the number "1234" is displayed.



Item	Description
	Click to show the Version / Server IP / Server Name / Radio Band
	Minimize the SynCast control panel
	Close the SynCast
User List	All clients PC (Admin included) and the counted number is shown below.
	Close the Conference Mode and back to the Basic Mode.
	Launch the Document Share
	Launch the Annotator
	Launch the SynCast setting
	Zoom In the split screen to the Full screen. Zoom Out the full screen to the original split screen size.
	Stop all clients' screen mirroring.
	Refresh the Admin Preview screen immediately.
	Press Play to start the screen mirroring. Press Play again to pause the mirroring.
	Stop the screen mirroring.
	Audio Slide bar to control the audio volume.
	Mute / Un-mute switch.
Login Code	The login code typed for connecting to the server.

Client's Panel

“Play” button is not available in Conference mode if Admin doesn’t allow the client to share screen. Admin have the initiative to manage the clients to shared screens.

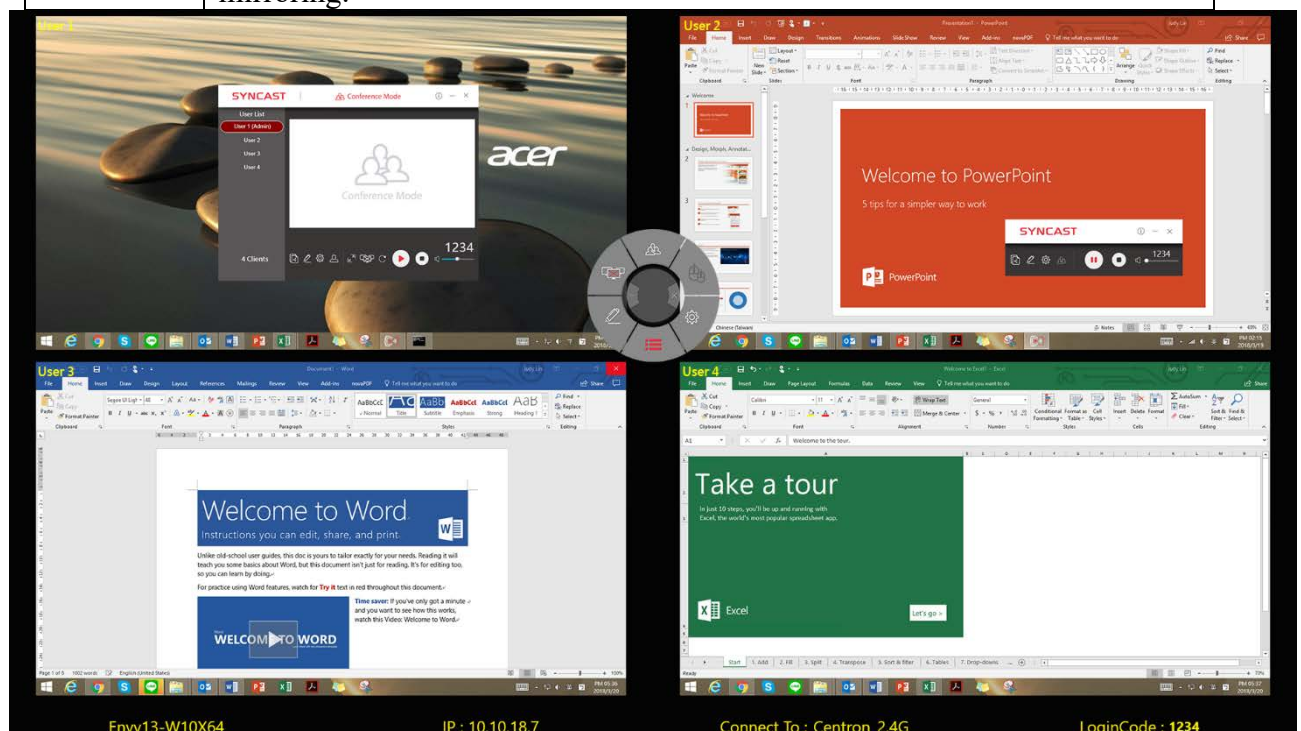


Manage Multi-Screens Mirroring

SynCast Display supports 4 split-screen mirroring function. Admin can use SynCast Conference Mode panel to manage max 4 clients mirroring on the SynCast Display receiver.

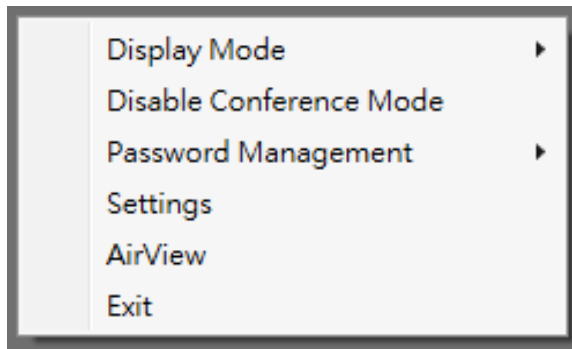
1. Select a client and press Play button to share the client’s screen.
2. Add other clients to join in split screen.
3. Click or to Zoom In/Out the client screen.

Icon	Function Description
	Zoom In If the client is mirroring in split screen, click to zoom it to full screen mirroring.
	Zoom Out If the client is mirroring in full screen, click to zoom out to the original split screen size.
	Stop All Stop all the mirroring screens, no matter how many split screens are mirroring.



Conference Mode Setting for Admin

Click to see the setting menu.

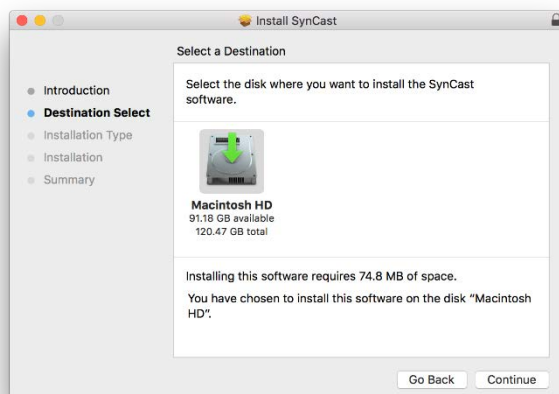
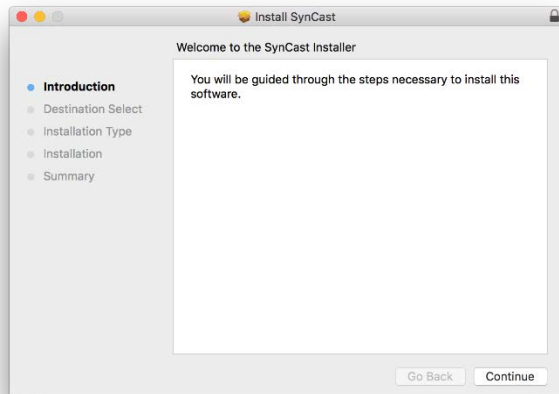


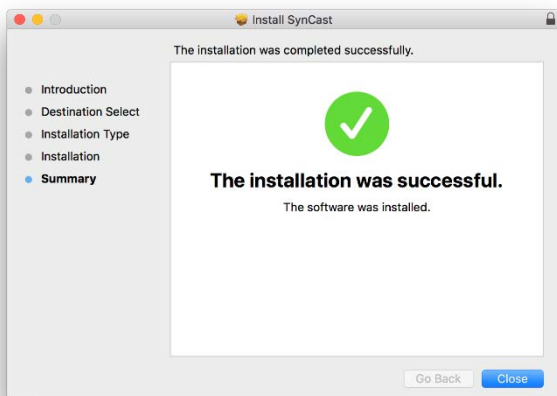
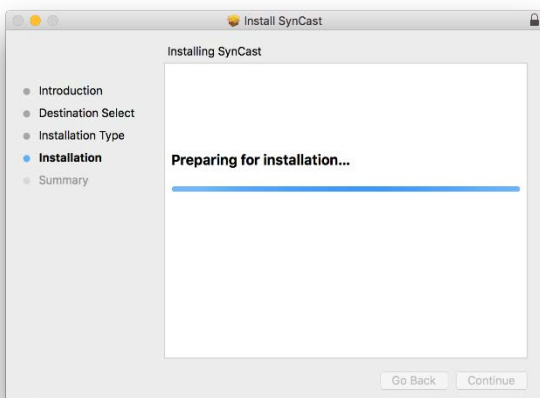
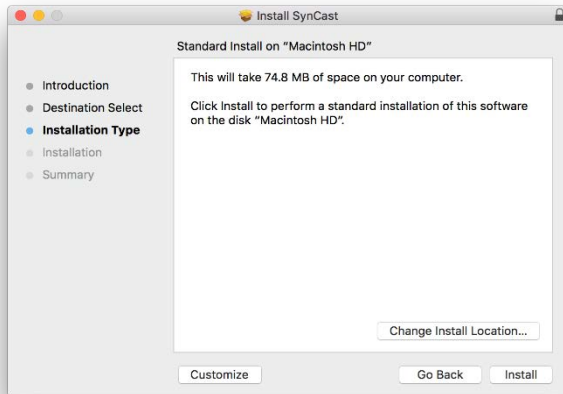
Item	Description
Display Mode	Mirror the current PC screen or share the extend screen. If there is another monitor connecting with the PC, you can choose to play the extend monitor.
Disable Conference Mode	Click to close the Conference Mode and back to the Basic Mode.
Password Management	Change Password: Modify the Conference Mode password Reset Password: Reset the Conference Mode password to default "adminpwd"
Settings	SynCast advanced settings
AirView	Open the browser to see the shared screen on the receiver. (Slide show)
Exit	Close the SynCast software.

SynCast MacOS Transmitter Software

Install SynCast Mac software

You can install SynCast application. Go through the steps to complete the software installation.





Launch SynCast Mac software



1. Launch the SynCast software, the pairing wizard window shows up.



2. Pairing the SynCast and SynCast Display

SynCast client should connect to the same network with the SynCast Share receiver. You can refer to the information on standby screen of SynCast Share receiver.

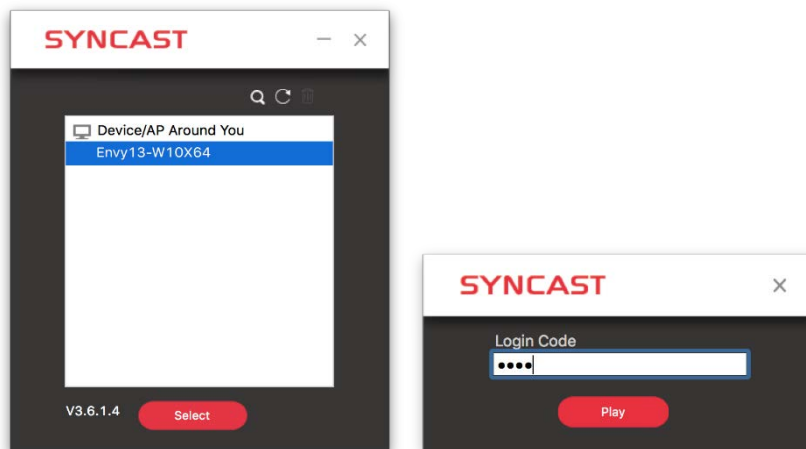
Depending on the connection status, 3 types of pairing method.

Type A	Client connects to the router via Wi-Fi SynCast Share connects to the router via Wi-Fi or LAN
Type B	Client connects to the router via LAN SynCast Share connects to the router via LAN or Wi-Fi
Type C	Using HotSpot of the receiver device platform. (Need dedicated Wi-Fi module) Client connects to SynCast Share via Wi-Fi HotSpot of the receiver device directly.

General Pairing Steps

When client's device is already connected to the same network with the receiver device. SynCast software can find the receiver device.

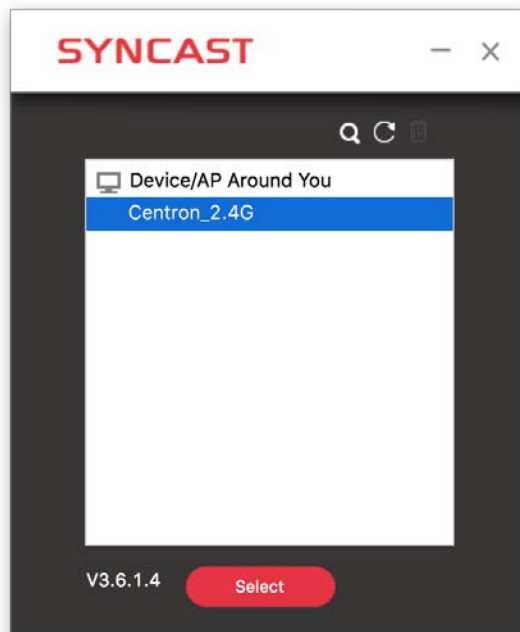
1. Select the correct receiver device which you are going share screen.
2. Input the Login Code. Press "Play" to start sharing screen.



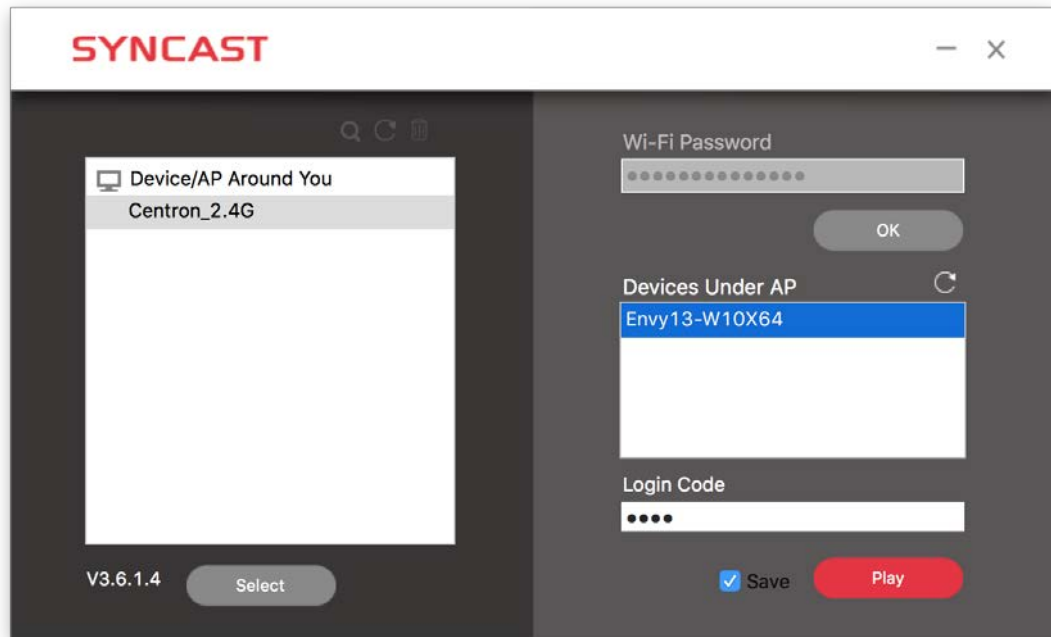
If you cannot find the device directly, here are some guides for different pairing methods.

Type A: Client connects to the router via Wi-Fi

1. Select the WiFi router and click the "Select" button. The right pane will expand.



2. Input the Wi-Fi password of the router and click "OK".
3. Select the correct receiver device which you are going share screen.
4. Input the Login Code. Press "Play" to start sharing screen.

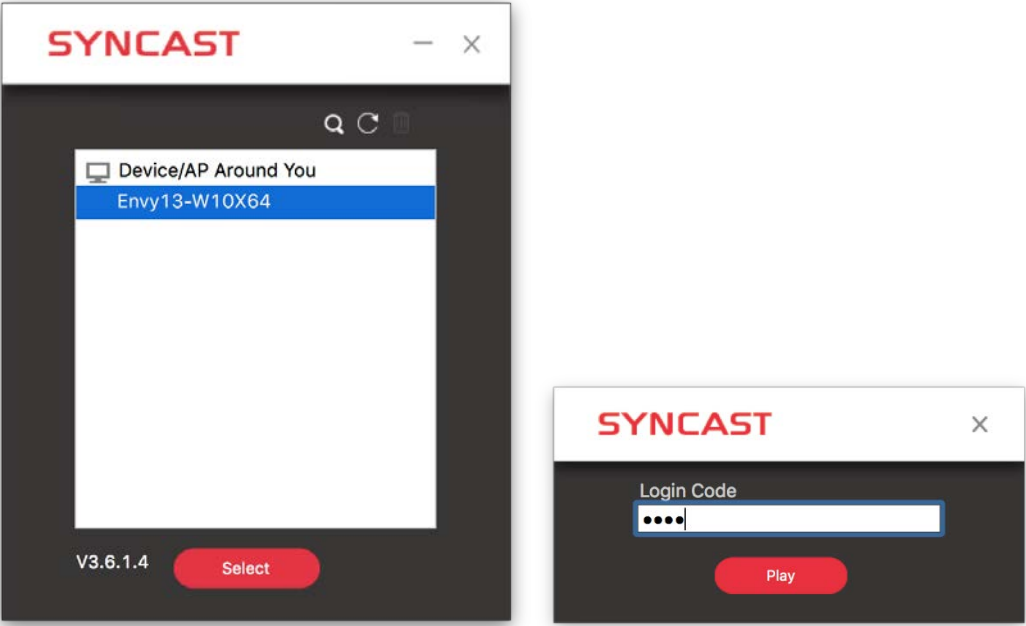


Item	Description
	Device/AP Around You. Select the router you want to connect to. The SynCast Share receiver should be located behind this router.
	Find the receiver by IP.
	Refresh the list if the Wi-Fi router or device if it doesn't appear.
	Select the saved pairing record and discard it.
Select	Choose the router, click "Select" to connect.
Wi-Fi Password	Input the Wi-Fi password you set in Soft AP mode
Device Under AP	SynCast Share receiver name will be located and shown here.
Login Code	In put the Login Code if you see it on SynCast Share receiver.
Save	Save the pairing record in the client PC.
Play	Start the screen mirroring.

Type B. Client connects to the router via LAN

1. Select the correct receiver device which you are going share screen.

2. Input the Login Code. Press “Play” to start sharing screen.

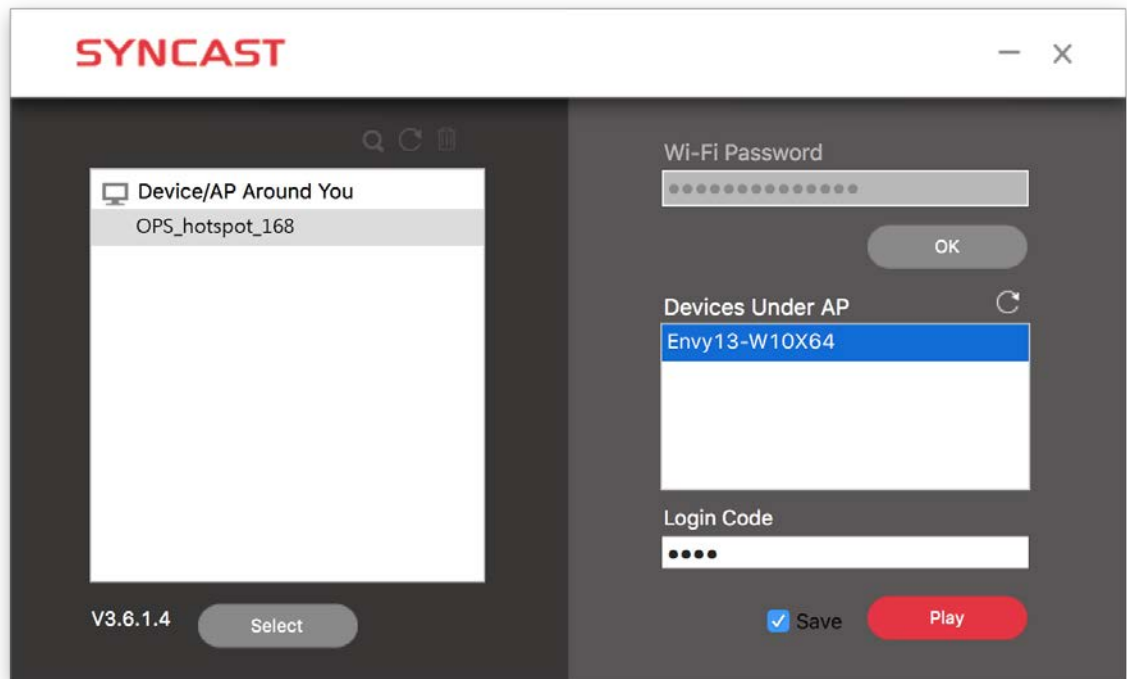


Item	Description
	Device/AP Around You, the SynCast Share server will be located in the list.
	Refresh the Wi-Fi List if the router didn't appear.
Select	Choose the server, click “Select” to connect and start screen mirroring.

※Because the client PC connects to the router via LAN cable, no pairing record to save.

Type C. Using HotSpot of the receiver device platform (Soft AP mode)

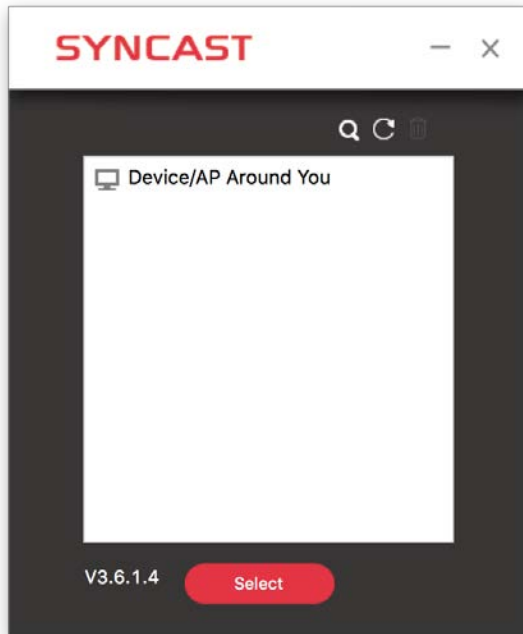
1. Select the WiFi router and click the “Select” button. The right pane will expand.
2. Input the Wi-Fi password of the router and click “OK”.
3. Select the correct receiver device which you are going share screen.
4. Input the Login Code. Press “Play” to start sharing screen.



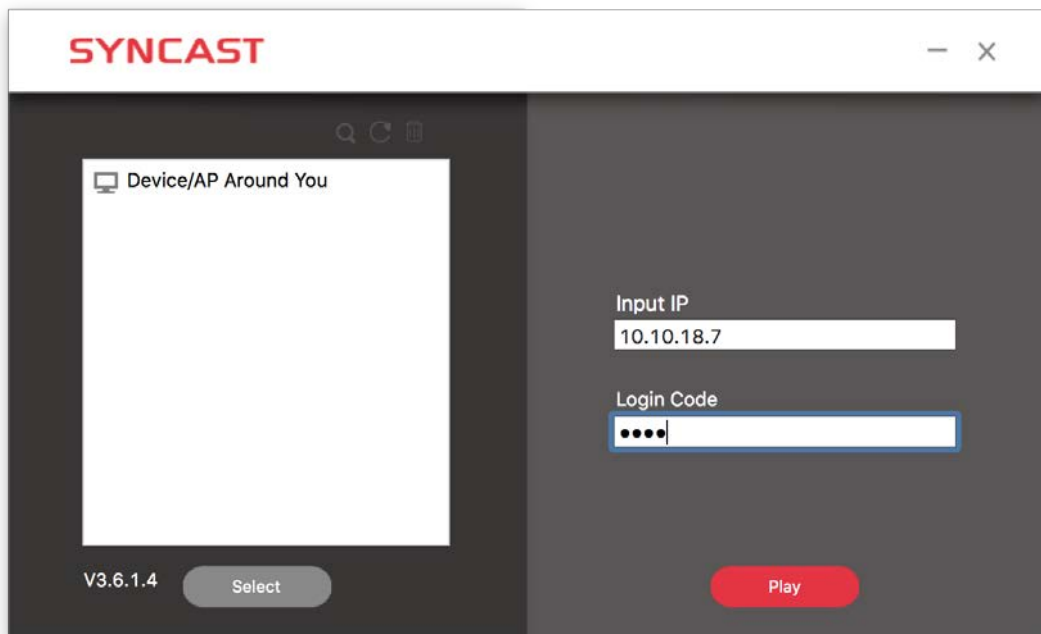
Item	Description
	Device/AP Around You. Select the router you want to connect to. The SynCast Share receiver should be located behind this router.
	Find the receiver by IP.
	Refresh the list if the Wi-Fi router or device if it doesn't appear.
	Select the saved pairing record and discard it.
Select	Choose the router, click “Select” to connect.
Wi-Fi Password	Input the Wi-Fi password you set in Soft AP mode
Device Under AP	SynCast Share receiver name will be located and shown here.
Login Code	In put the Login Code if you see it on SynCast Share receiver.
Save	Save the pairing record in the client PC.
Play	Start the screen mirroring.

Find by IP manually

In some cases, the client's device and the receiver device are under same network but not at the same level. Follow the steps below to find the receiver by IP address manually.

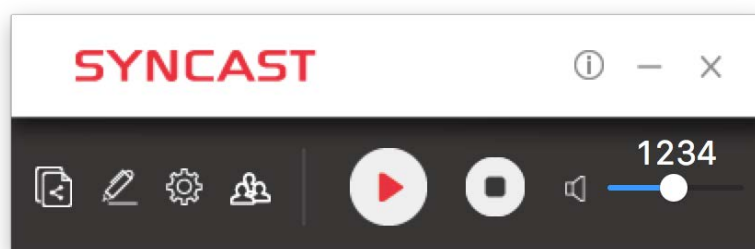


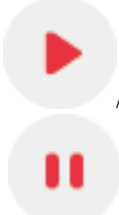
1. Click , the right pane will expand.
2. Input the IP and login code. Press “Play” to start sharing screen.



SynCast Mac User Interface

Basic Mode — Main Panel



Item	Description
	Click to show the Version / Server IP / Server Name information
	Minimize the SynCast control panel
	Close the SynCast program
	Launch the Document Share
	Launch the Annotator
	Launch the SynCast setting
	Launch the Conference Mode
	Press Play to start the screen mirroring. Press Pause to pause the mirroring.
	Stop the screen mirroring.
	Audio Slide bar to control the audio volume.
	Mute / Un-mute switch.
Login Code	The login code typed for connecting to the receiver.

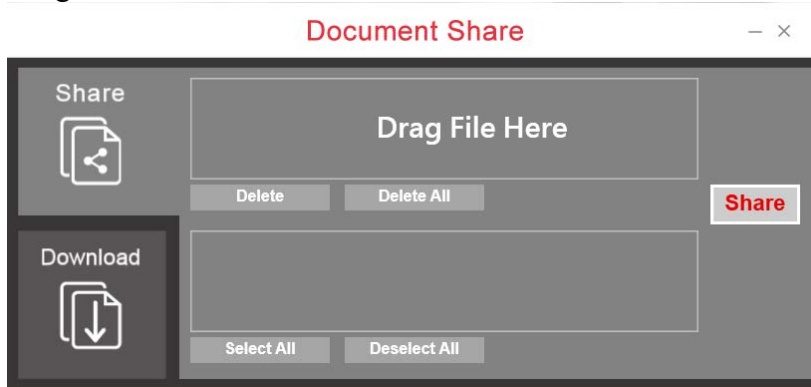
Document Share

Windows PC and Mac can share files among each other with Document Share function.

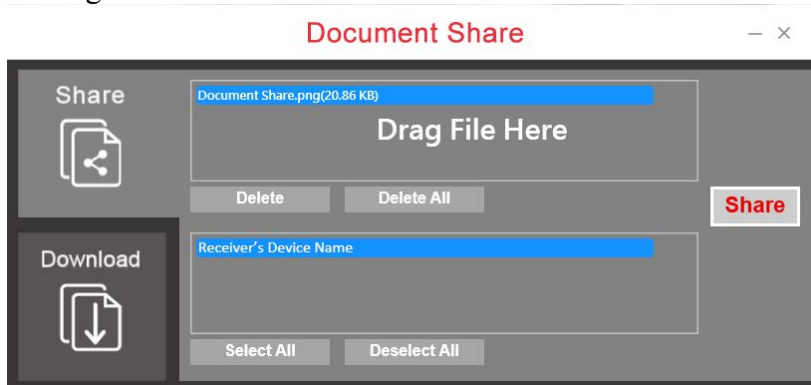
Click , the Document Share panel will show up.

1. Share the file

- (1) Drag the file to the box.



- (2) Select other clients who can receive the file and click the “Share” button to start sharing.



2. Download the file

- (1) Go to “Download” pane to see the file which others share with you.
- (2) Select “Yes” to download the file or “No” to reject.



Annotator

Click , the annotator will show on the left side of screen.

1. Main functions

Mode selection	Function Description
	Use the screen mode to draw. It will use a transparent layer over the mirroring screen to show the drawing.
	Use the sketch mode to draw. It will use a white plain layer over the mirroring screen to show the drawing.
	Exit the Annotator
In the screen mode	Function Description
	Save the drawing to the file.
	Pause the drawing, and back to the mirroring screen to use your PC.
	Discard any drawing and back to the mode selection.
In the sketch mode	Function Description
	Save the drawing to the file.
	Pause the drawing, and back to the mirroring screen to use your PC.
	Discard any drawing and back to the mode selection.

2. Drawing Tool Bar

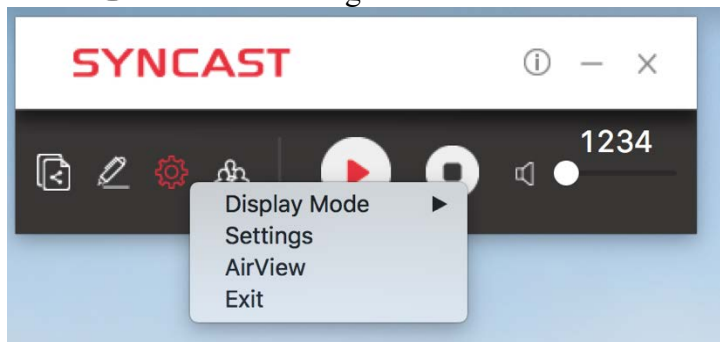
Right click the mouse to launch the drawing tool bar. You should do the same command with mouse touchpad on touch screen. (Click behavior may be vary on each device.)



	Pen to draw the line.		Clean all drawing
	Light marker to draw to point out the important area.		Undo
	Text Box		Redo
	Shape Tool		Close the drawing tool bar.
	Eraser to erase the drawing area		

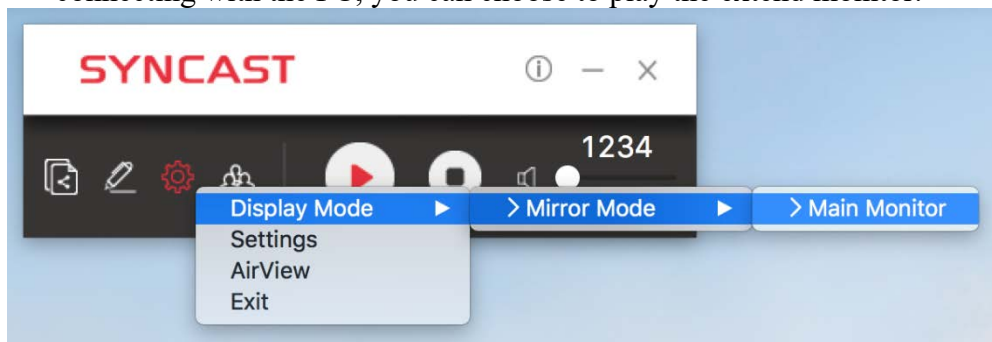
Settings

Click  to see the setting menu.

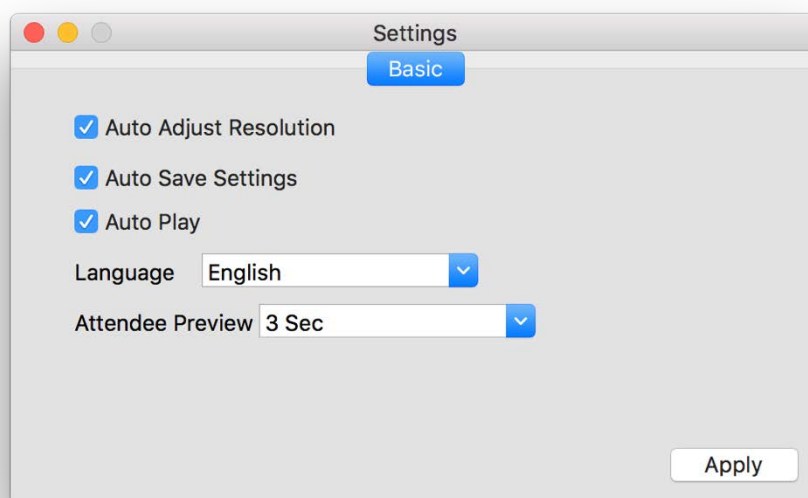


1. Display Mode

Mirror the current PC screen or share the extend screen. If there is another monitor connecting with the PC, you can choose to play the extend monitor.



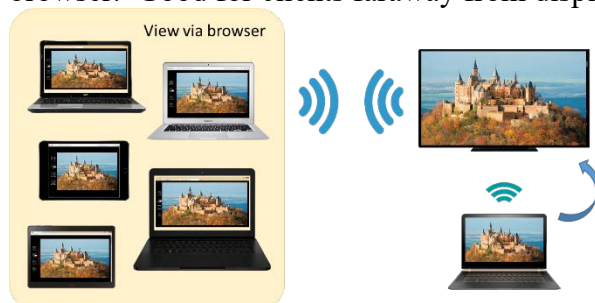
2. Settings - SynCast advanced settings



Item	Function Description
Auto Adjust Resolution	Apply the receiver output resolution to the transmitting PC.
Auto Save Settings	Save these settings automatically.
PowerPoint Presentation Mode	Use HW encoding to get better mirroring performance.
Auto Play	Start the screen mirroring automatically after connecting to the receiver.
Language	Select the SynCast application language. (Need to restart to apply change)
Attendee Preview	Set the period of Attendee List Preview update. Only effective when Conference Mode enabled.

3. AirView

AirView is a slide show feature that clients can see the shared screen on the Receiver with browser. Good for clients faraway from display and take notes of the shared slides.



For client PCs doesn't install the SynCast software, they can also use the browser to see the slide show. Input the IP of the receiver and select AirView. Then watch the shared screen via browser temporarily.



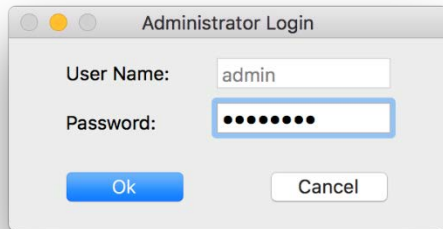
4. Exit

Close the SynCast software.

Conference Mode

Conference Mode is a meeting control system that enables the meeting host as admin to organize the connected devices and select which screen to share and stop. If the admin doesn't choose the client which may not share the screen. Admin have the initiative to manage the shared screens.

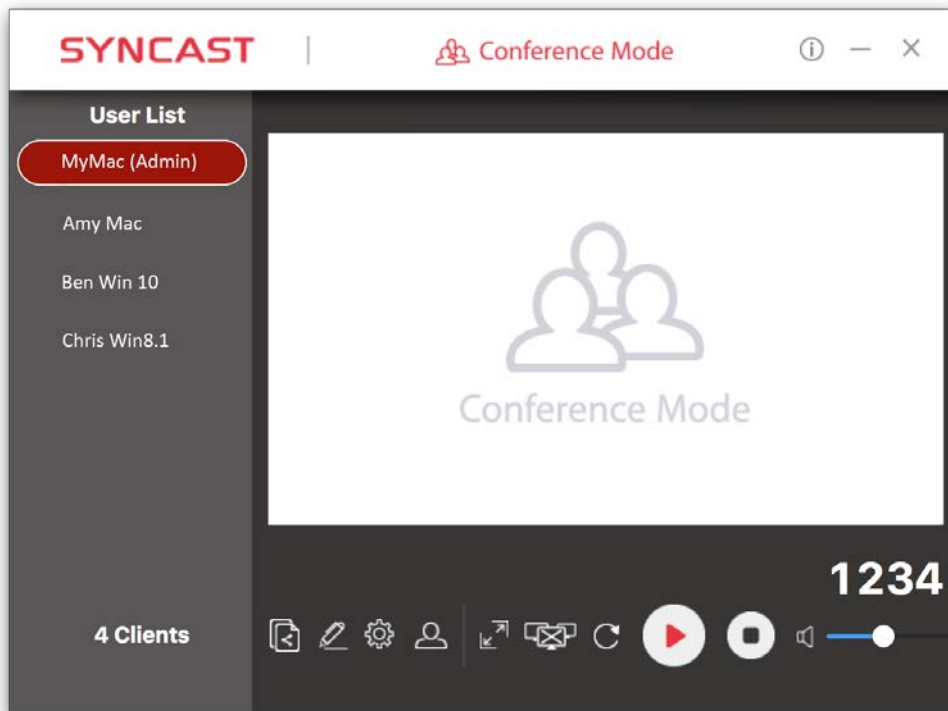
Click the  and input the conference password to switch to Conference Mode. The default password is “**adminpwd**”.

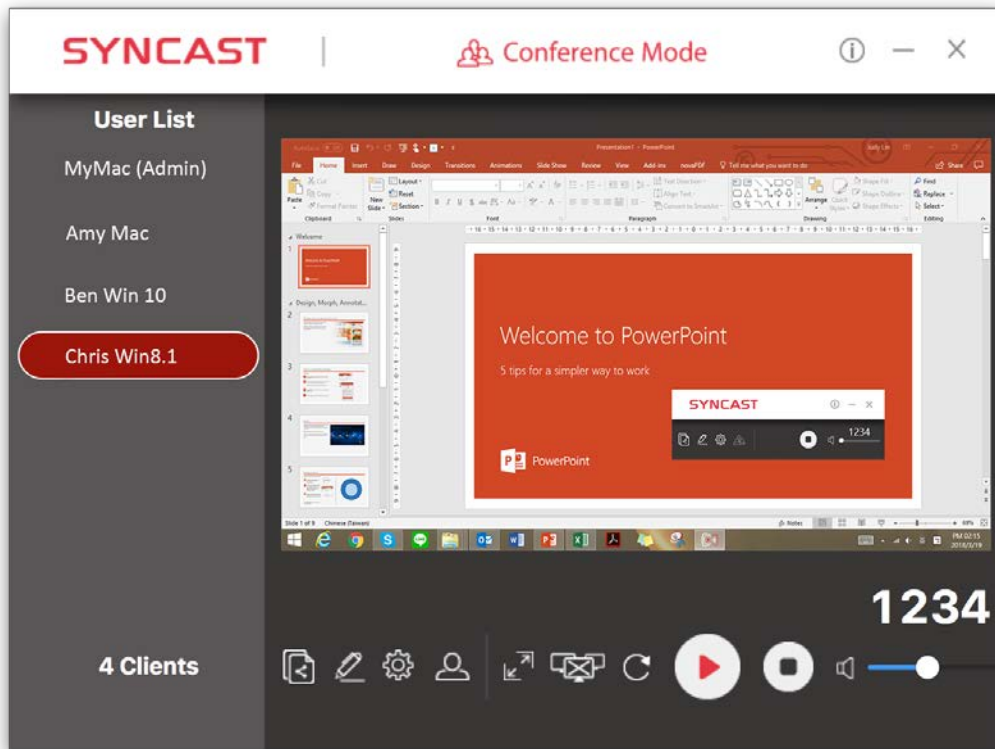


Admin's Panel

Select a client to preview the screen.

Press Play button to let the selected client to share the screen.

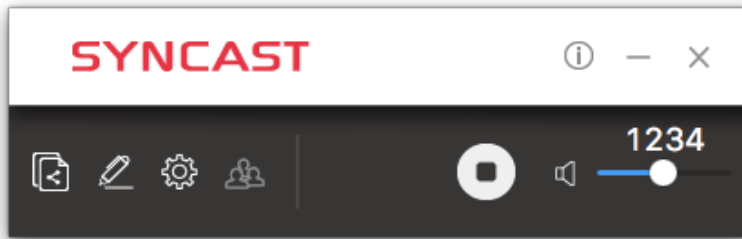




Item	Description
	Click to show the Version / Server IP / Server Name / Radio Band
	Minimize the SynCast control panel
	Close the SynCast
User List	All clients PC (Admin included) and the counted number is shown below.
	Close the Conference Mode and back to the Basic Mode.
	Launch the Document Share
	Launch the Annotator
	Launch the SynCast setting
	Zoom In the split screen to the Full screen. Zoom Out the full screen to the original split screen size.
	Stop all clients' screen mirroring.
	Refresh the Admin Preview screen immediately.
	Press Play to start the screen mirroring. Press Play again to pause the mirroring.
	Stop the screen mirroring.
	Audio Slide bar to control the audio volume.
	Mute / Un-mute switch.
Login Code	The login code typed for connecting to the server.

Client's Panel

“Play” button is not available in Conference mode if Admin doesn’t allow the client to share screen. Admin have the initiative to manage the clients to shared screens.

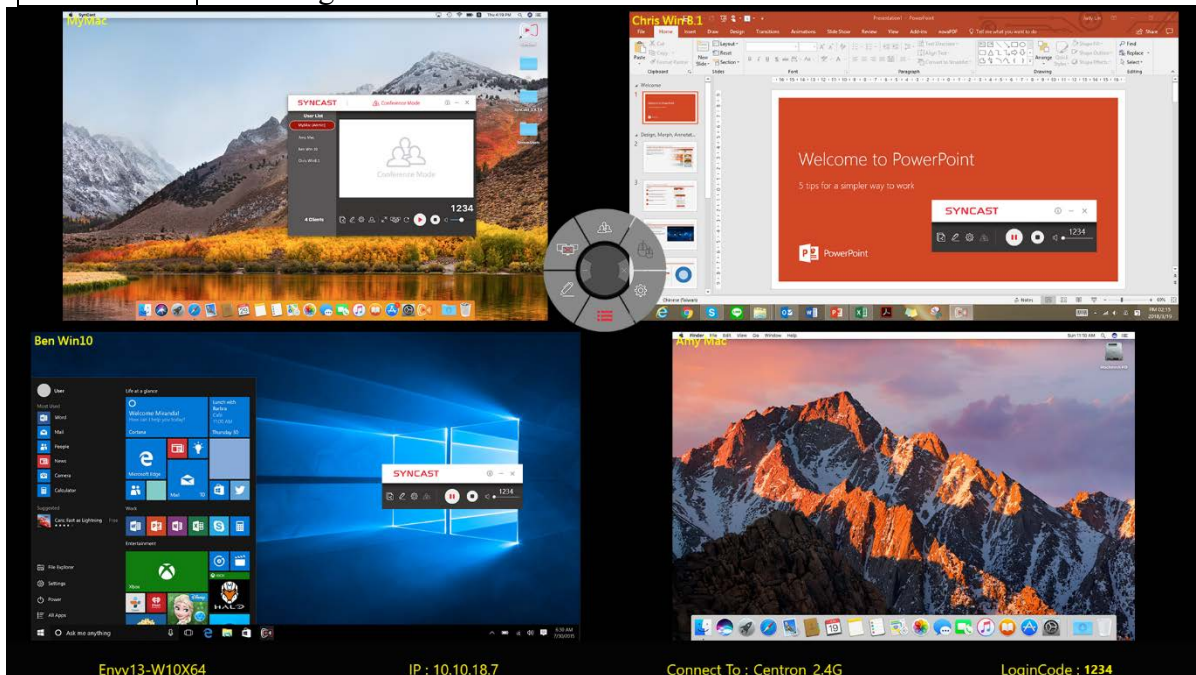


Manage Multi-Screens Mirroring

SynCast Share supports 4 split-screen mirroring function. Admin can use SynCast Conference Mode panel to manage max 4 clients mirroring on the SynCast Share receiver.

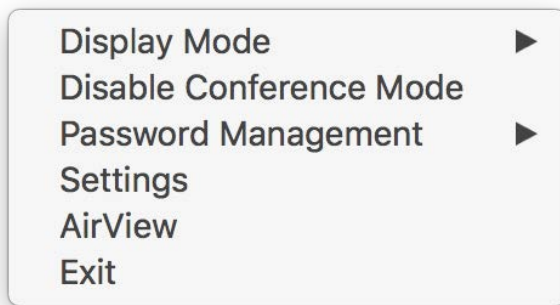
1. Select a client and press Play button to share the client’s screen.
2. Add other clients to join in split screen.
3. Click  or  to Zoom In/Out the client screen.

Icon	Function Description
	Zoom In If the client is mirroring in split screen, click to zoom it to full screen mirroring.
	Zoom Out If the client is mirroring in full screen, click to zoom out to the original split screen size.
	Stop All Stop all the mirroring screens, no matter how many split screens are mirroring.



Conference Mode Setting for Admin

Click  to see the setting menu.

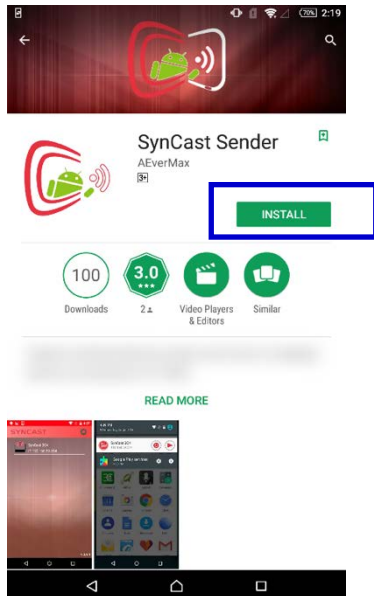


Item	Description
Display Mode	Mirror the current PC screen or share the extend screen. If there is another monitor connecting with the PC, you can choose to play the extend monitor.
Disable Conference Mode	Click to close the Conference Mode and back to the Basic Mode.
Password Management	Change Password: Modify the Conference Mode password Reset Password: Reset the Conference Mode password to default “adminpwd”
Settings	SynCast advanced settings
AirView	Open the browser to see the shared screen on the receiver. (Slide show)
Exit	Close the SynCast software.

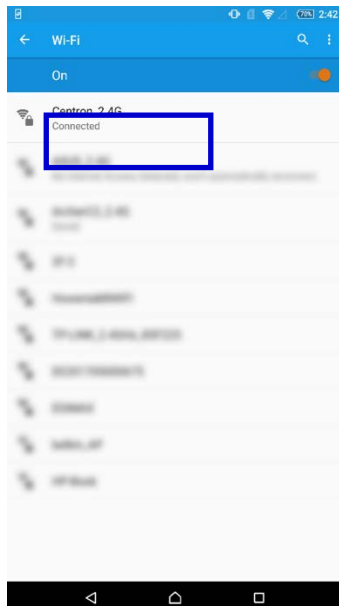
SynCast Sender Android Transmitter Application

Download SynCast Sender Android Transmitter Application

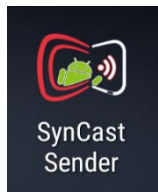
Download SynCast Sender from Google Play. Or install the app with APK.



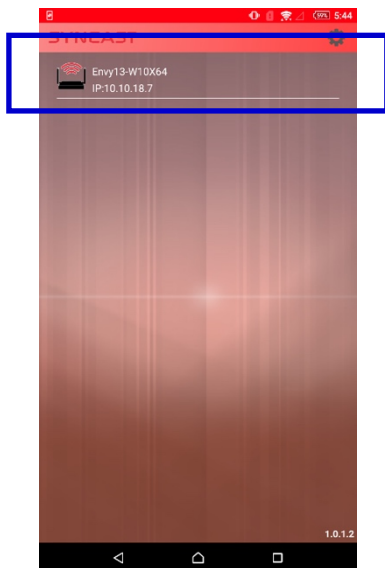
Connect to the same network with the SynCast Share receiver, before opening SynCast Sender.



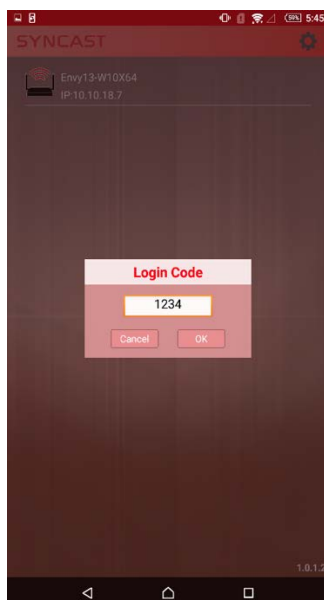
Start Using SynCast Sender



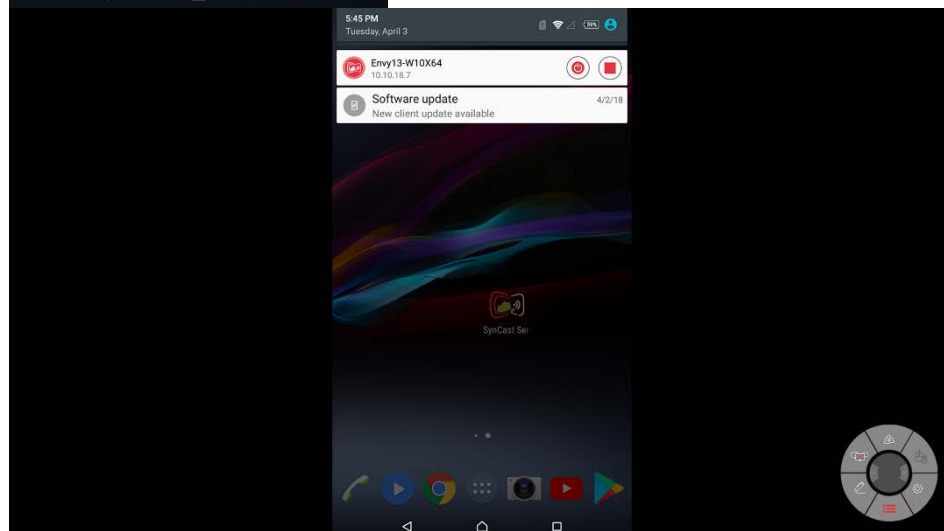
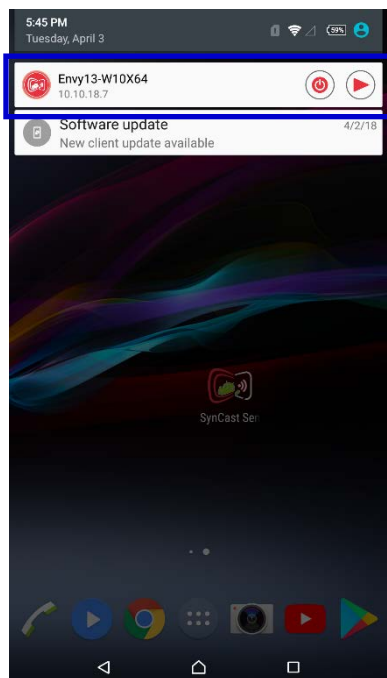
1. Run SynCast Sender app.



2. Select the correct receiver device which you are going share screen.



3. Input the Login Code. Press "Play" to start sharing screen.
4. Swipe from the top of the screen to show up the notice bar. Press  play button to start sharing screen. You can see your screen sharing on SynCast Share Receiver.



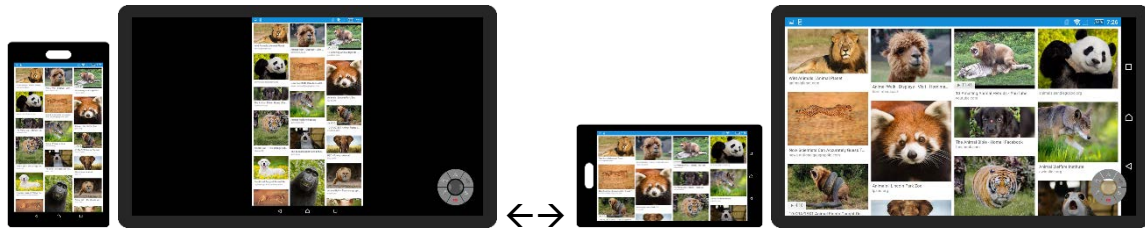
Control Panel on Notice Bar



Item	Description
	Icon on notice bar which indicates the app is running
/	Play / Stop sharing screen
	Exit SynCast Sender
Receiver Device	The device name or receiver name of SynCast Share Receiver
IP	The IP address of the SynCast Share Receiver device

Auto-Rotate

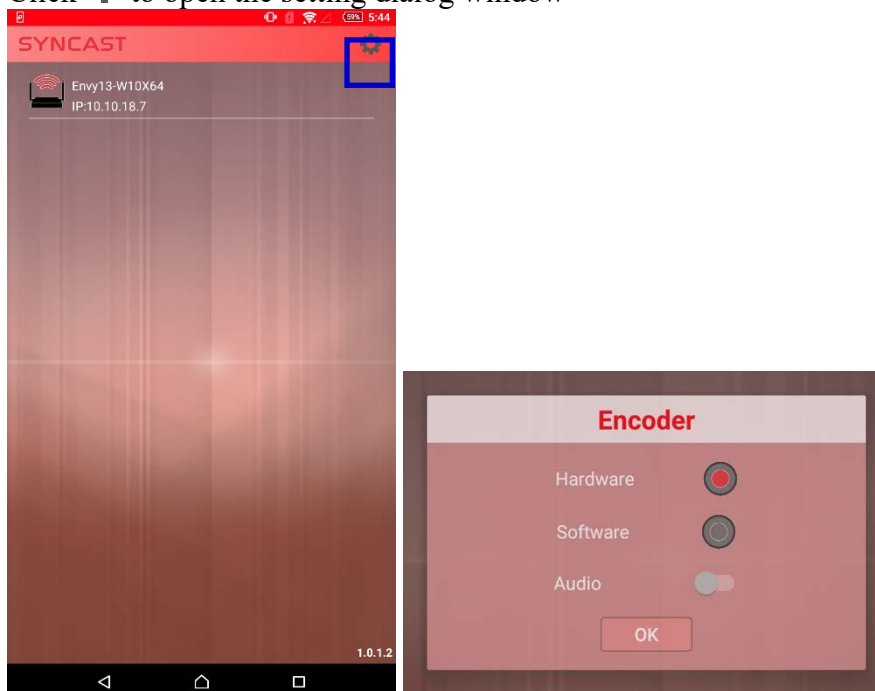
You can rotate your phone or tablet to vertically / horizontally, SynCast Sender supports auto-rotation of screen.



Settings

You can set up some configuration before you start sharing screen

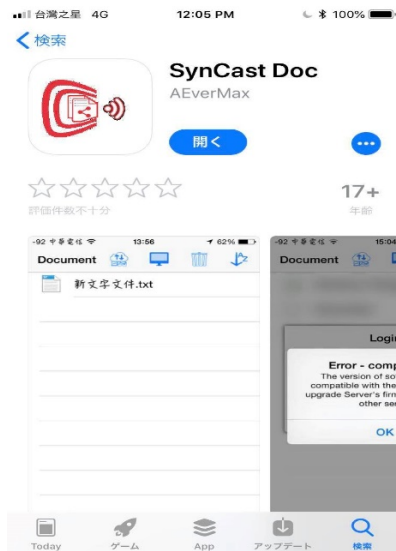
Click  to open the setting dialog window



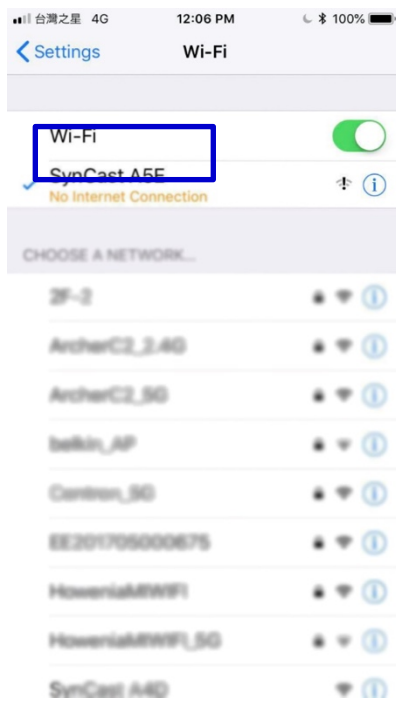
Item	Description
Hardware	Select to enable hardware encoder, better streaming performance (default)
Software	Select to use software encoder.
Audio	Switch to turn OFF / ON streaming audio

[SynCast Doc iOS Transmitter Application](#)

Download SynCast Doc iOS Transmitter Application

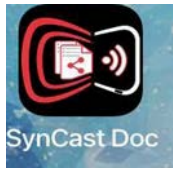


1. Download SynCast Sender from App store.

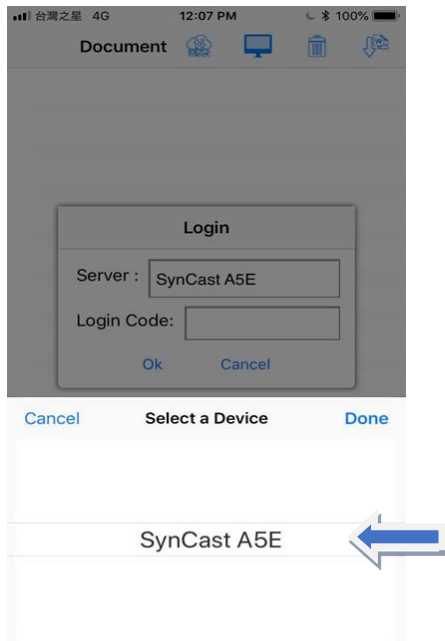


2. Connect to the same network with the SynCast Share receiver, before opening SynCast Sender.

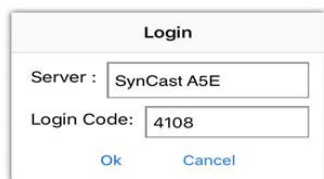
Start Using SynCast Doc and SynCast Share



1. Run SynCast Sender app.

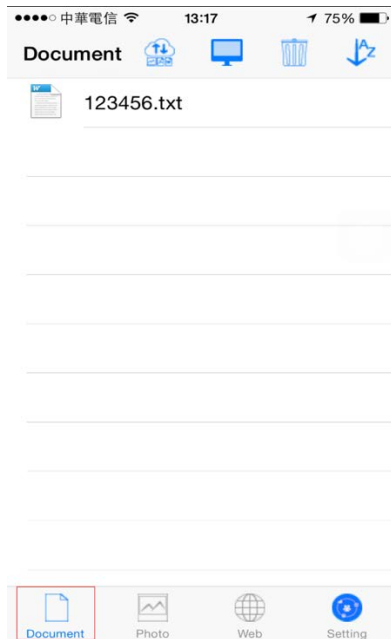


2. Select the correct receiver device which you are going share screen.



3. Input the Login Code. Press "Ok" to start sharing screen.

Features



Document :

It is the document folder of SynCast Doc. Tap here we can find supported files in the folder. Tap the file will project the file content to the Box and show it on TV.

These files will be stored in the document folder of SynCast Doc.

- Files downloaded from dropbox.
- Files transmitted from File Share Folder from nScreenShare.
- **We can't use iTunes to transmit the file to the document folder of SynCast Doc.**

Documents features

Item	Description
	Select to Connect DropBox
	Select to activate File Share
	Select to delete documents
	Select to sort by item type
	Select to sort by item type

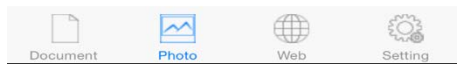
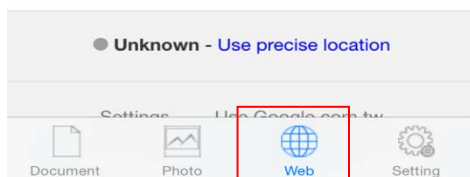
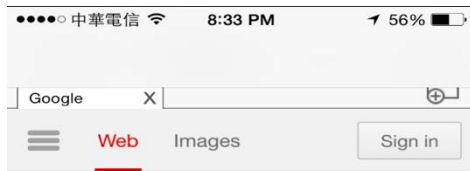


Photo Folder:

These photo files will be stored in the photo folder of SynCast Doc.

- Photo files downloaded from dropbox.
- Photo files transmitted from File Share Folder from nScreenShare.
- We can't use iTunes to transmit photo file to the photo folder of SynCast Doc.



Web :

We can tap the Web icon to project the browser screen to the box on TV

Auto-Rotate

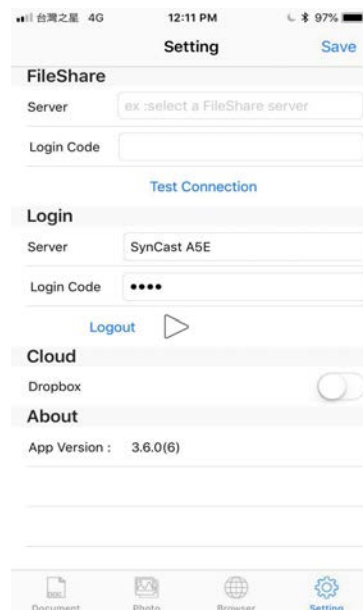
You can rotate your phone or tablet to vertically / horizontally, SynCast Doc supports auto-rotation of screen.



Settings

You can set up some configuration before you start sharing screen

Click  to open the setting dialog window



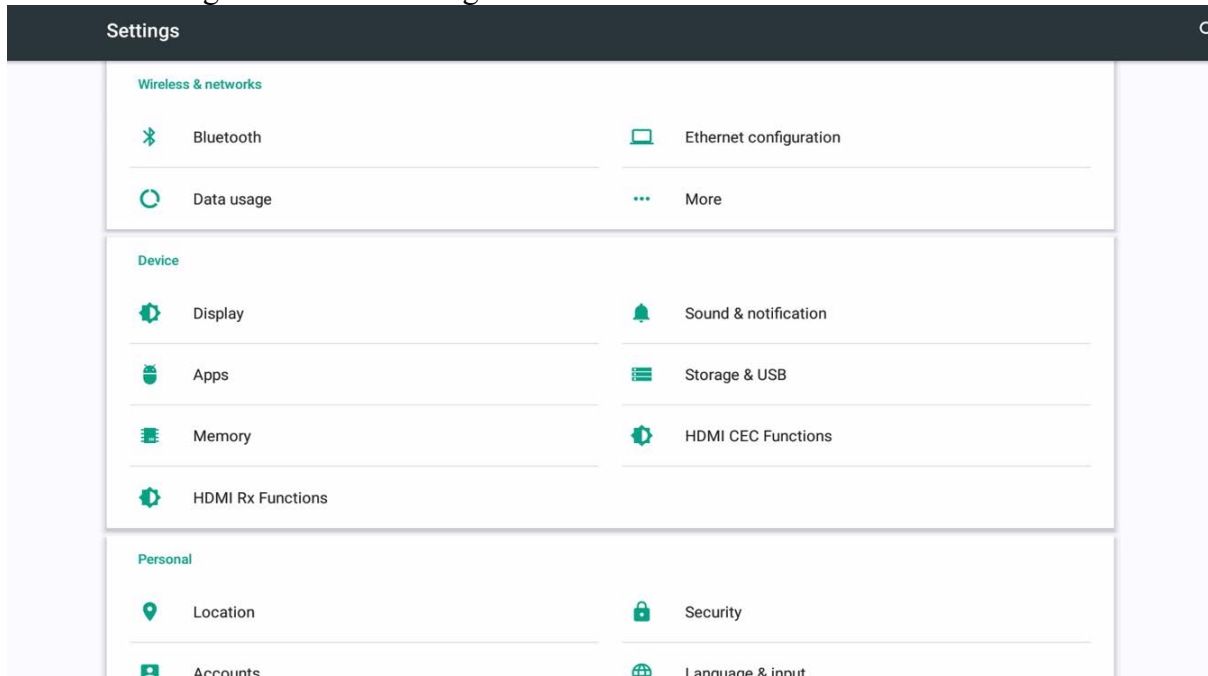
Item	Description
FileShare-Server	The PC which share the folder to access
FileShare-Login code	The pre-defined pin code, 8 digits
Login-Server	The SSID / DMR Name of the Box
Login-Code	The same login code as nScreenShare used
Cloud-Dropbox	Switch to connect/disconnect Dropbox

System Setting

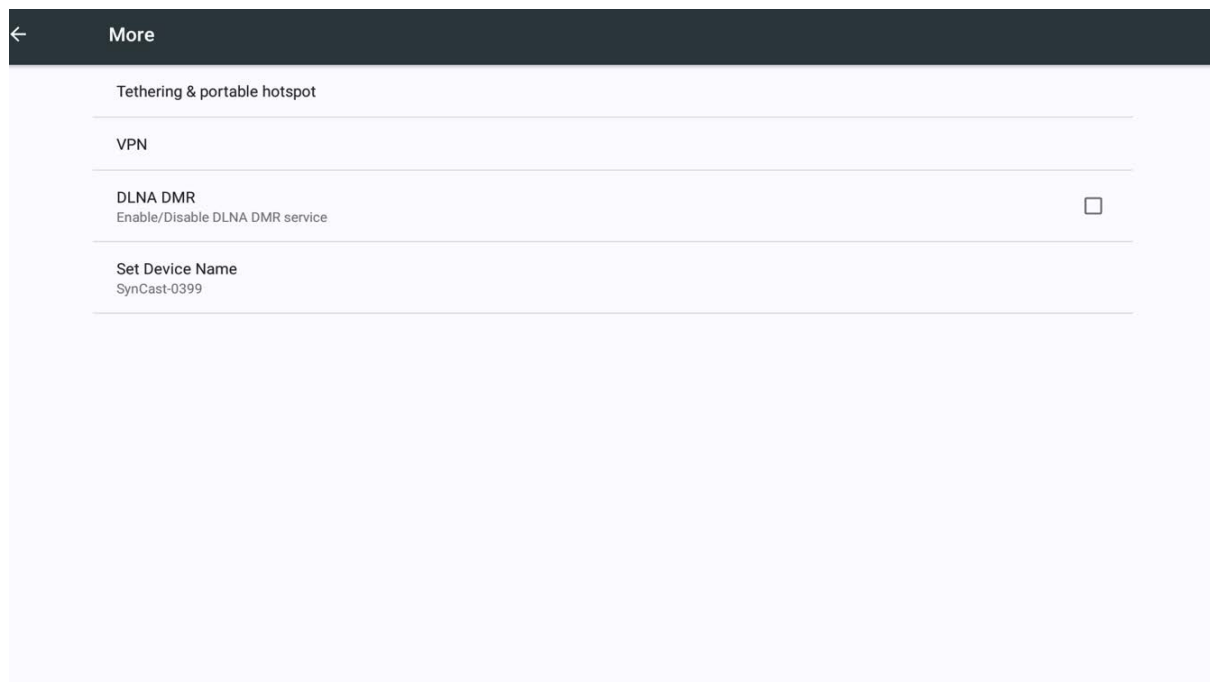
Hotspot password modification



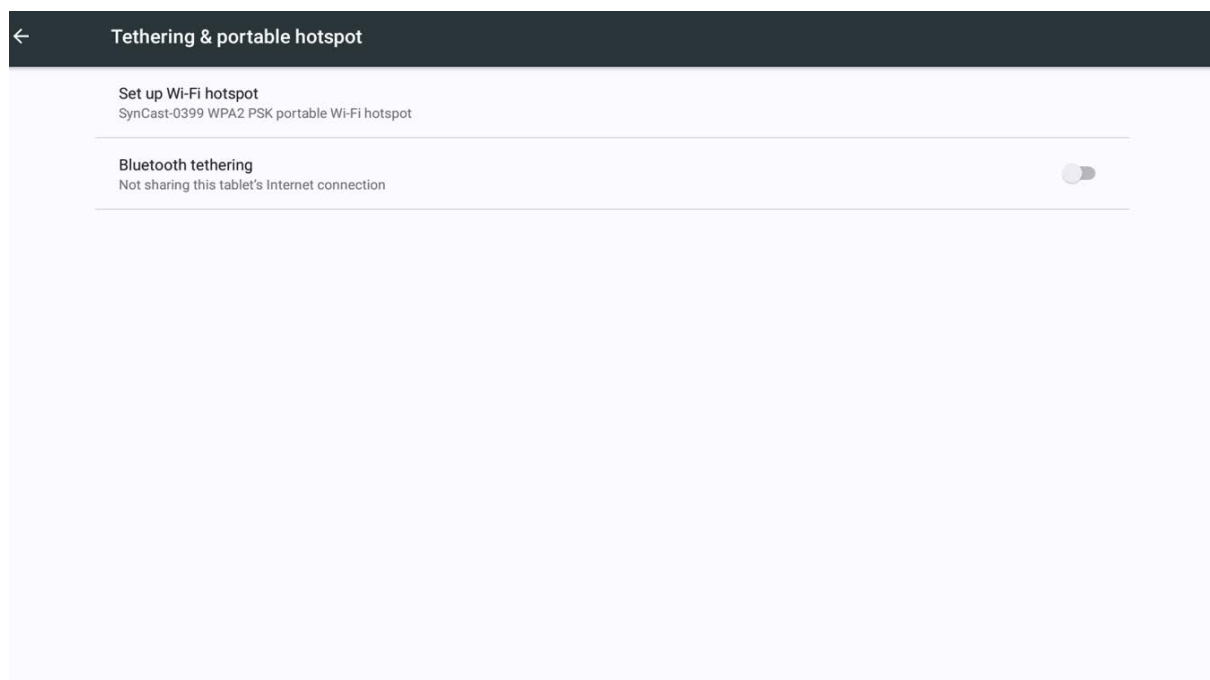
1.Select 'Settings' at the left floating menu.



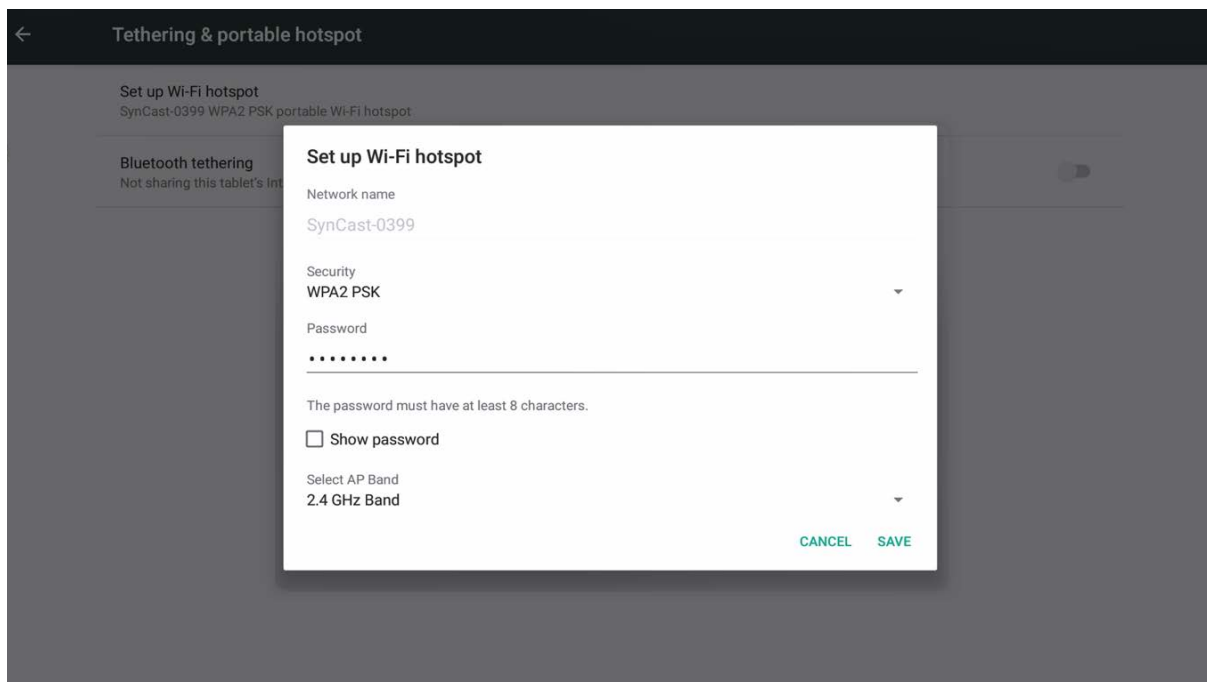
2.Select 'More'



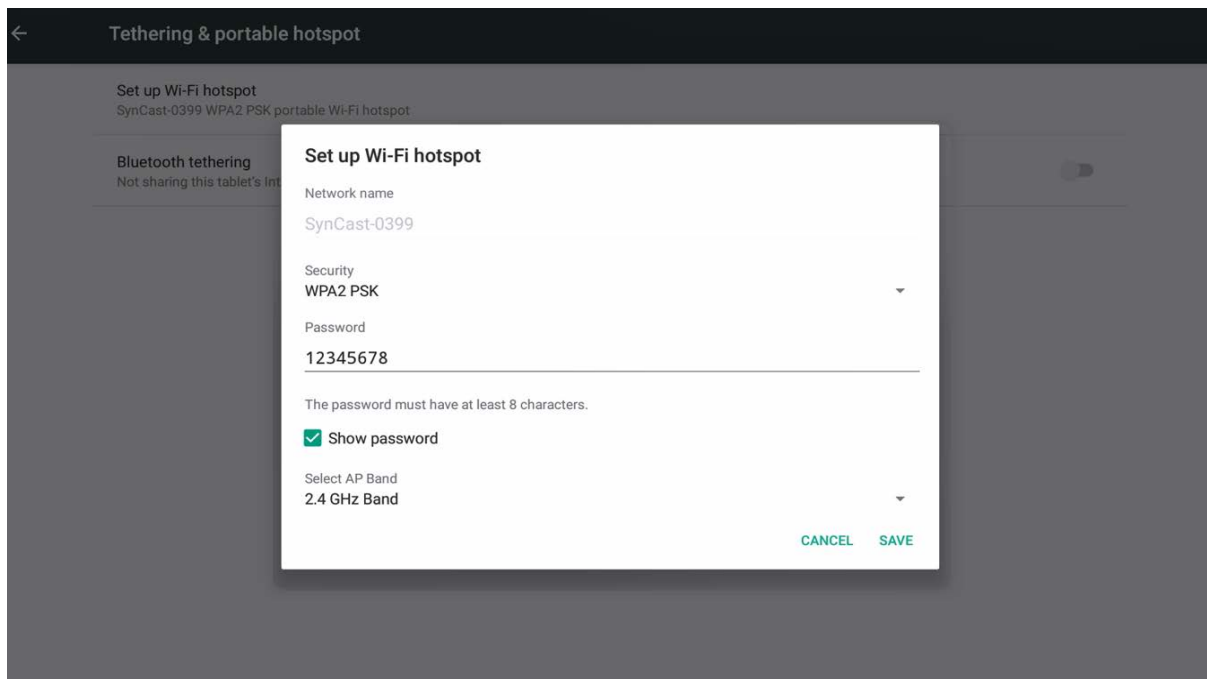
3. Select 'Tethering & portable hotspot'



4. Select 'Set up Wi-Fi hotspot'



5. Check the password by select 'Show password'.

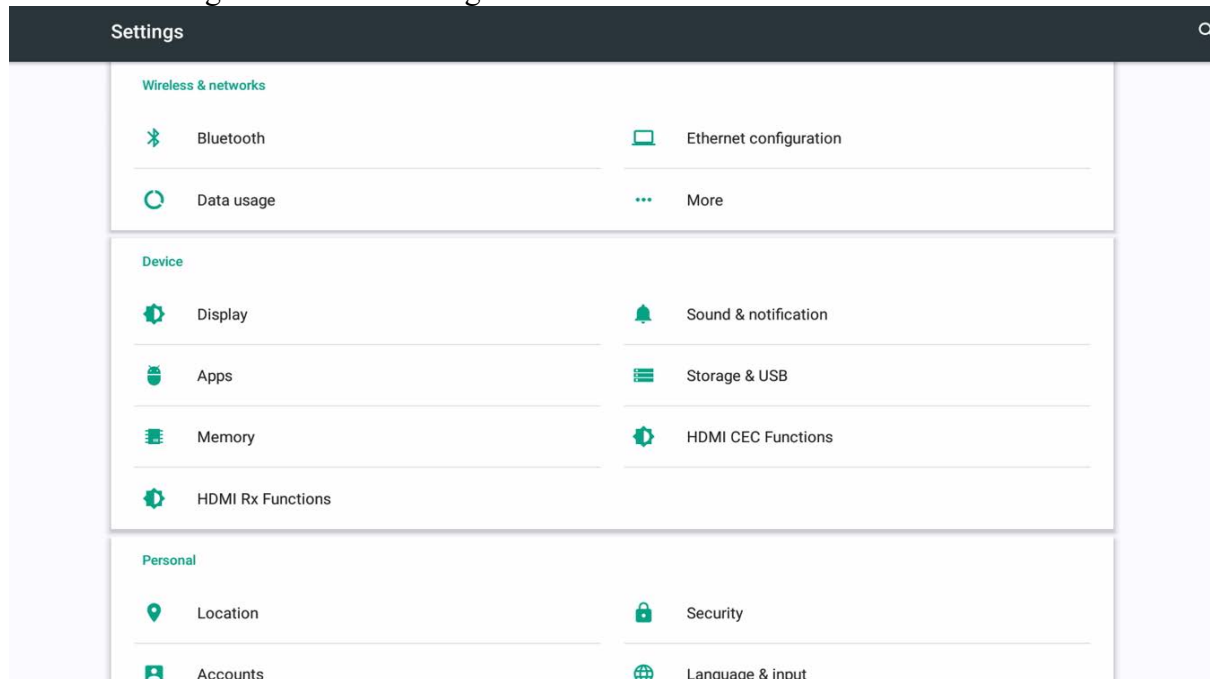


6. Change the password by re-enter the password in 'Password' column.

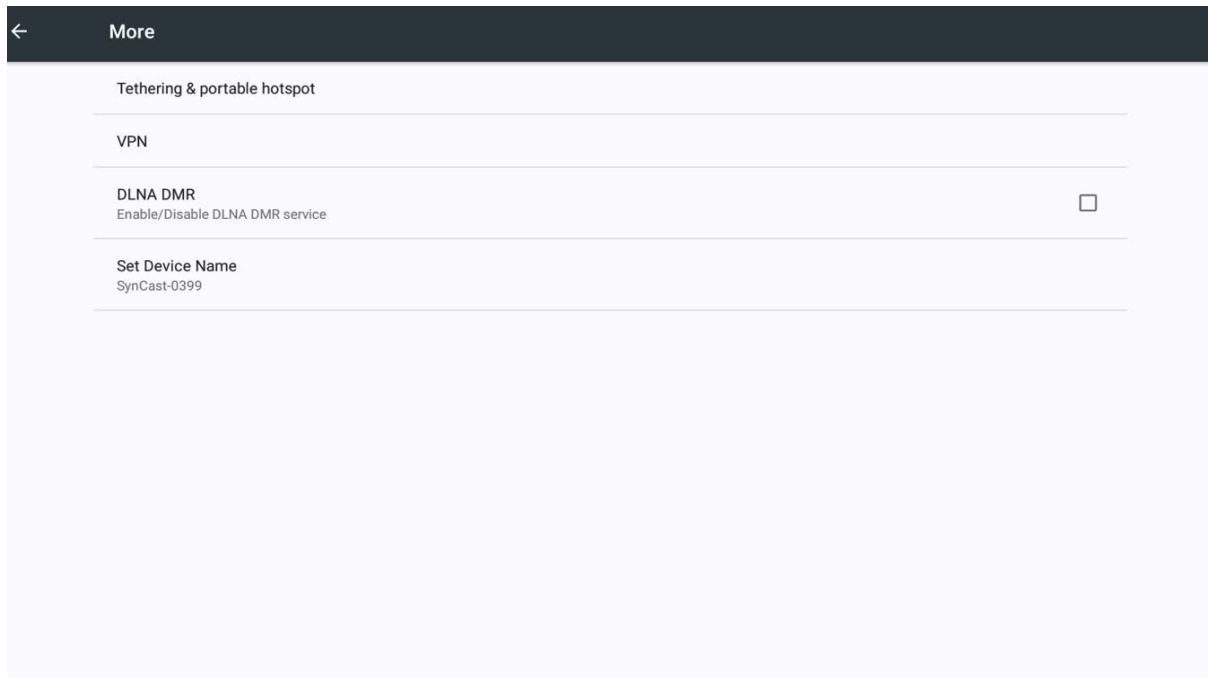
Hotspot name modification



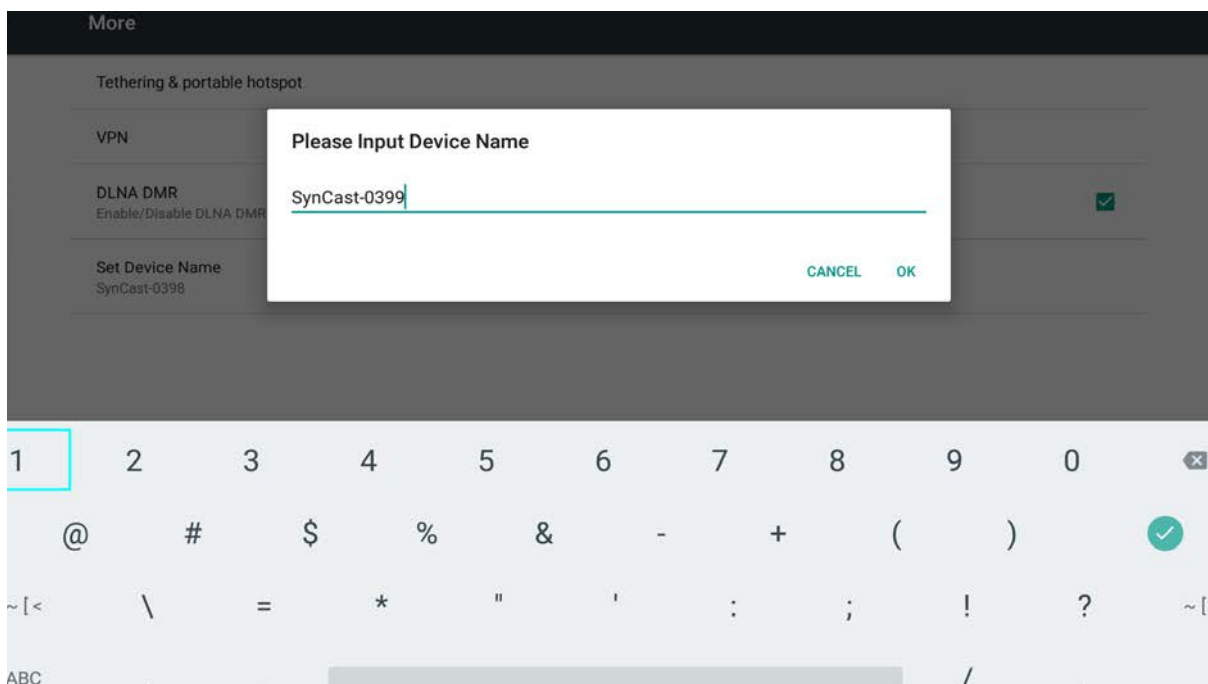
1.Select 'Settings' at the left floating menu .



2.Select 'More'



3.Select 'Set Device Name'



4.Insert new Network name and select OK.

5.The hotspot name had been changed.

Other function

Snapshot



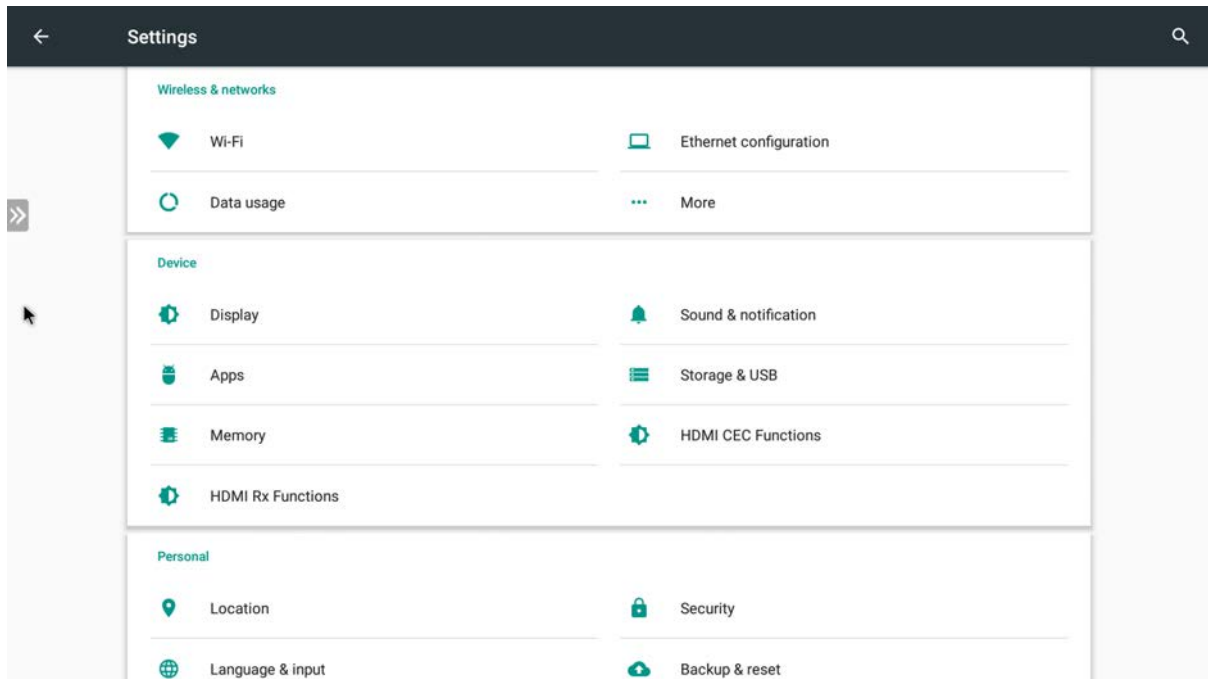
Click the snapshot icon on the floating menu

How to retrieve snapshot image from CT1800

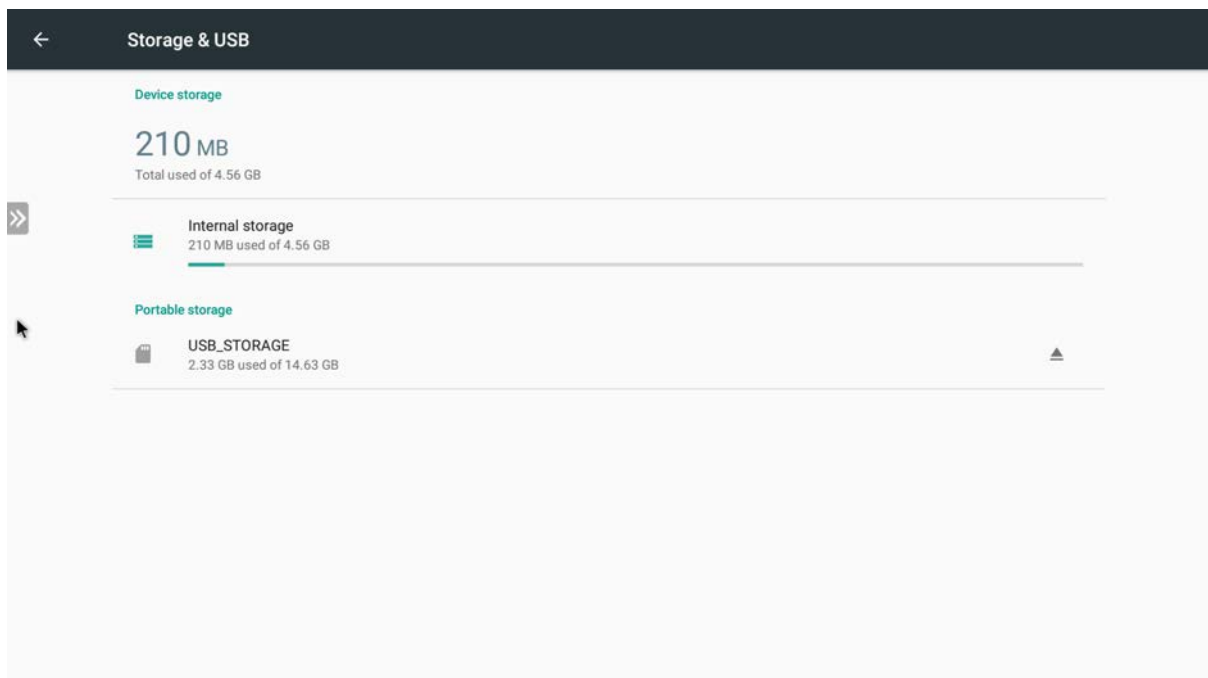


1. Select 'Settings' at the left floating menu.

2. Connect your USB Storage with CT1800



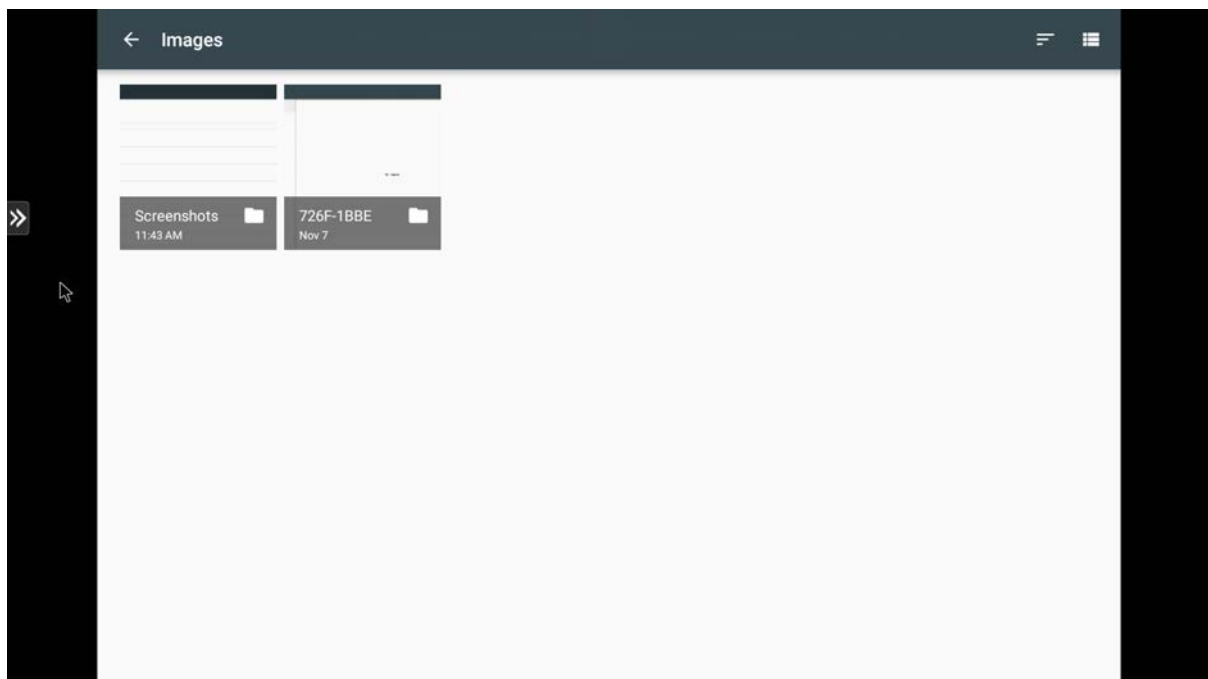
3. Select 'Storage &USB'



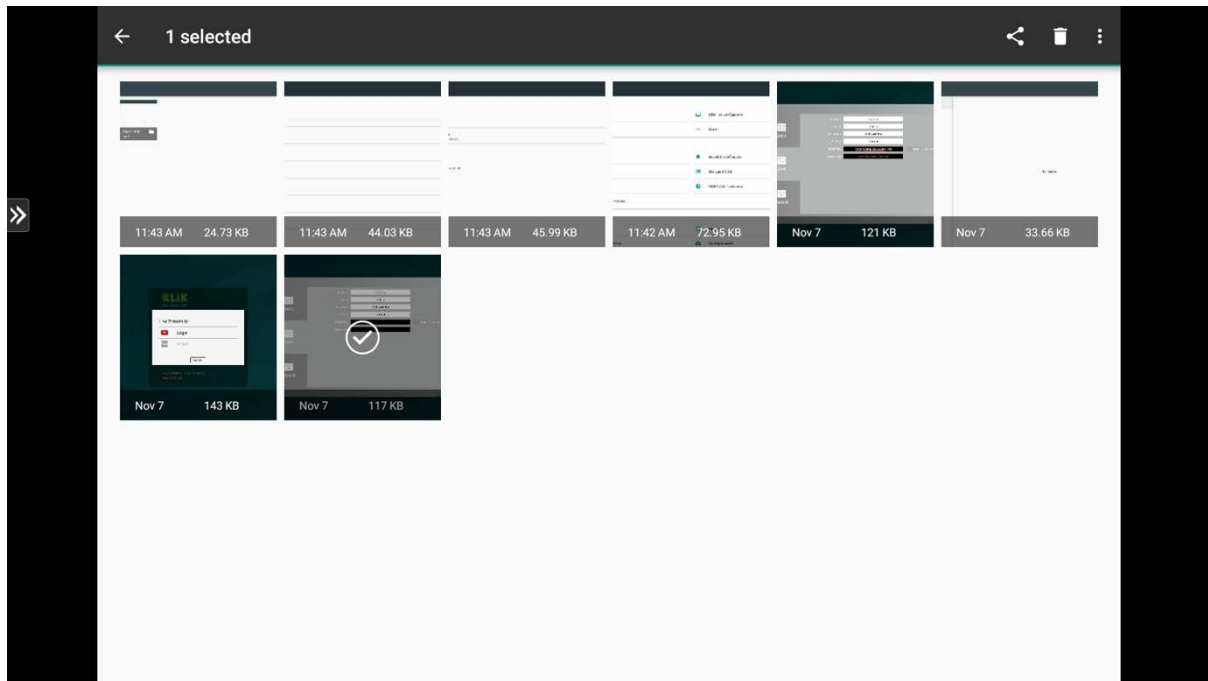
4. Select 'Internal storage'



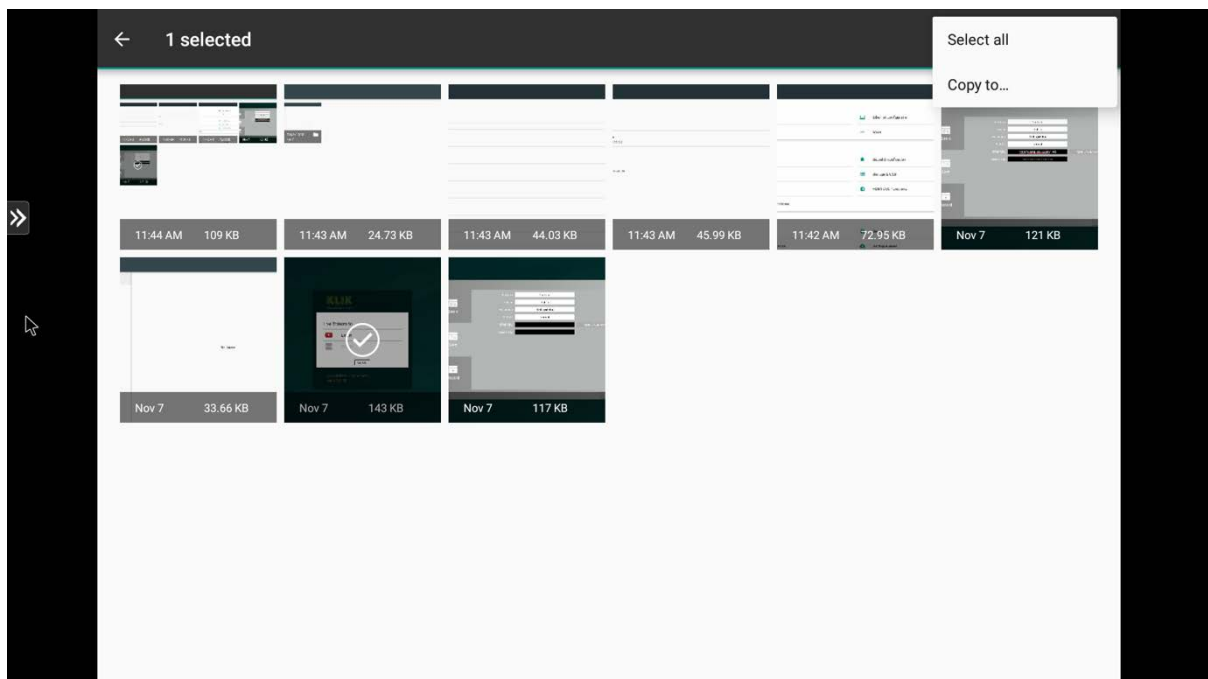
5. Select 'Images'



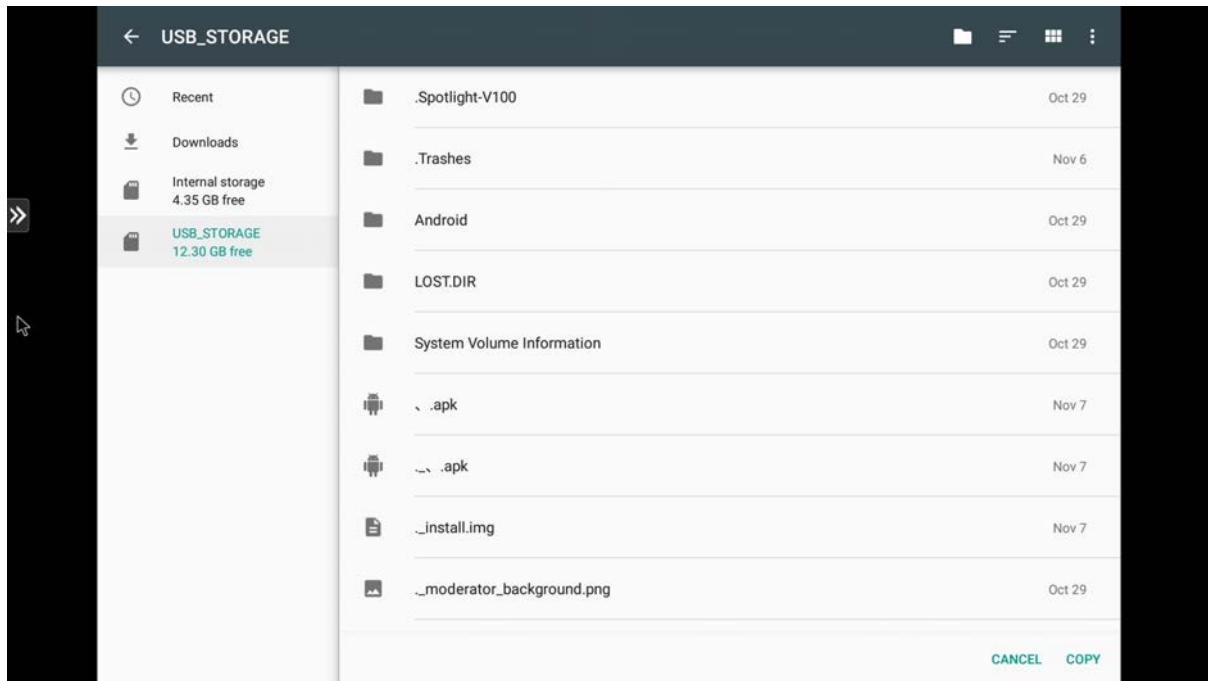
6. Select 'Screenshots'



7. Long press to select the snapshot you want to save.



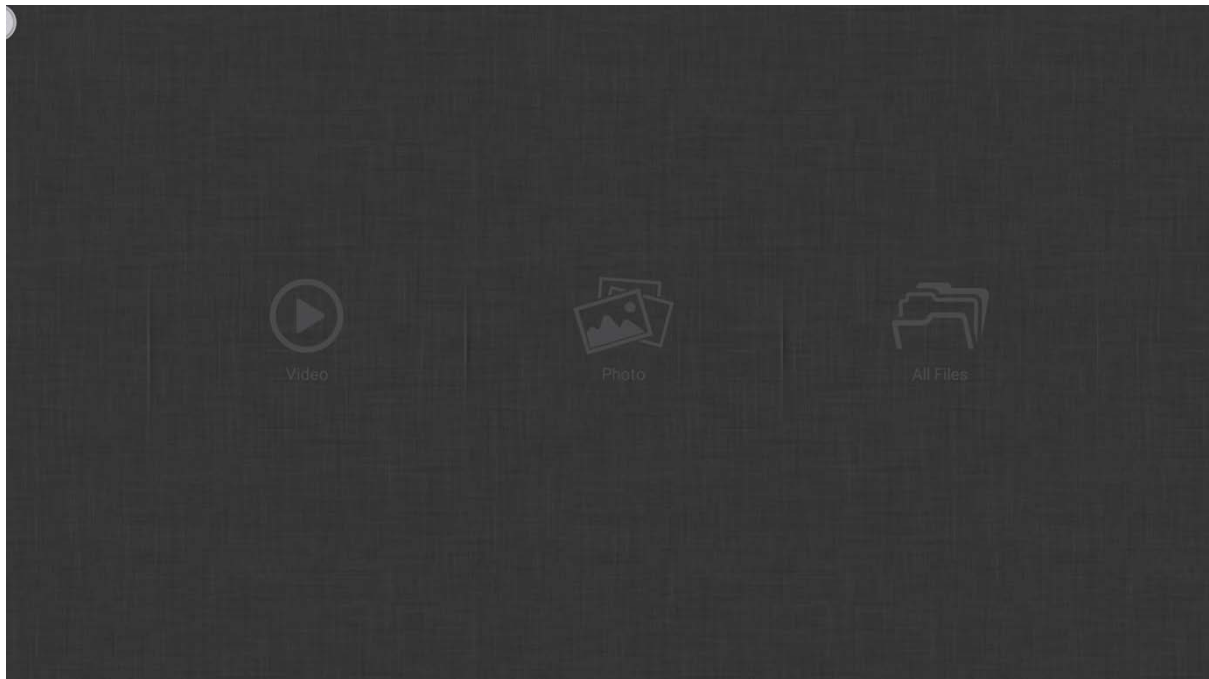
8. Select '...' at the right corner then select 'copy to...'



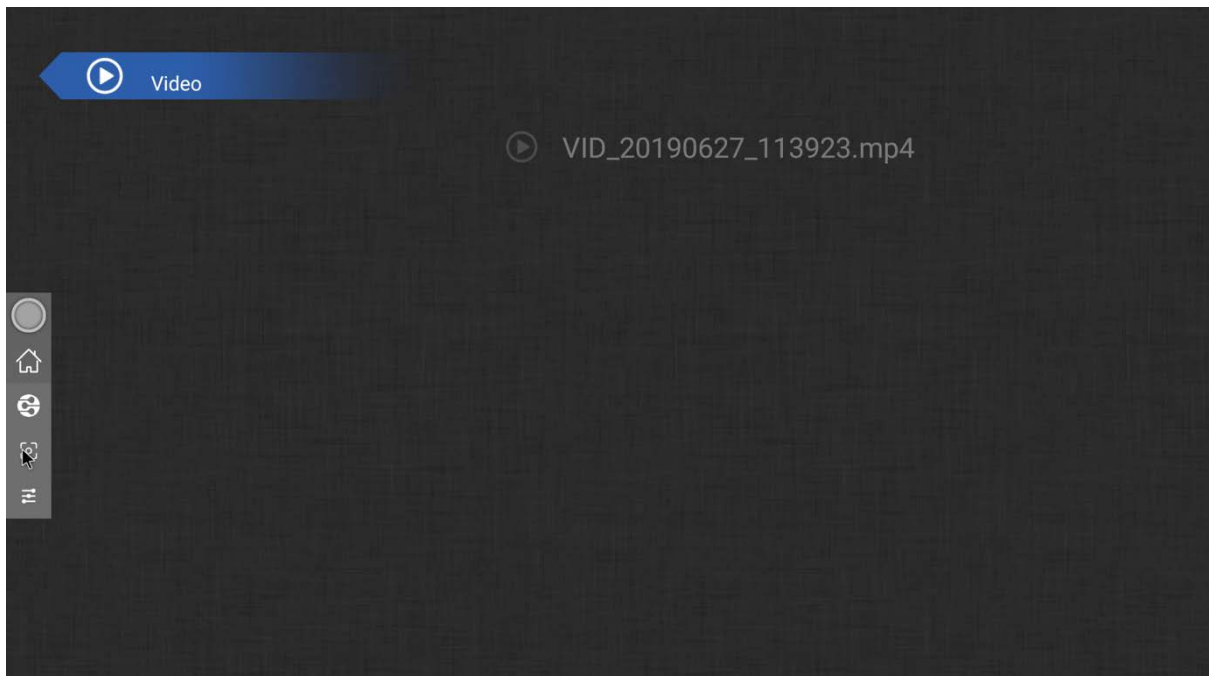
9. Select 'USB STORAGE' and select 'copy'

10. The image is now saved in your USB Storage!

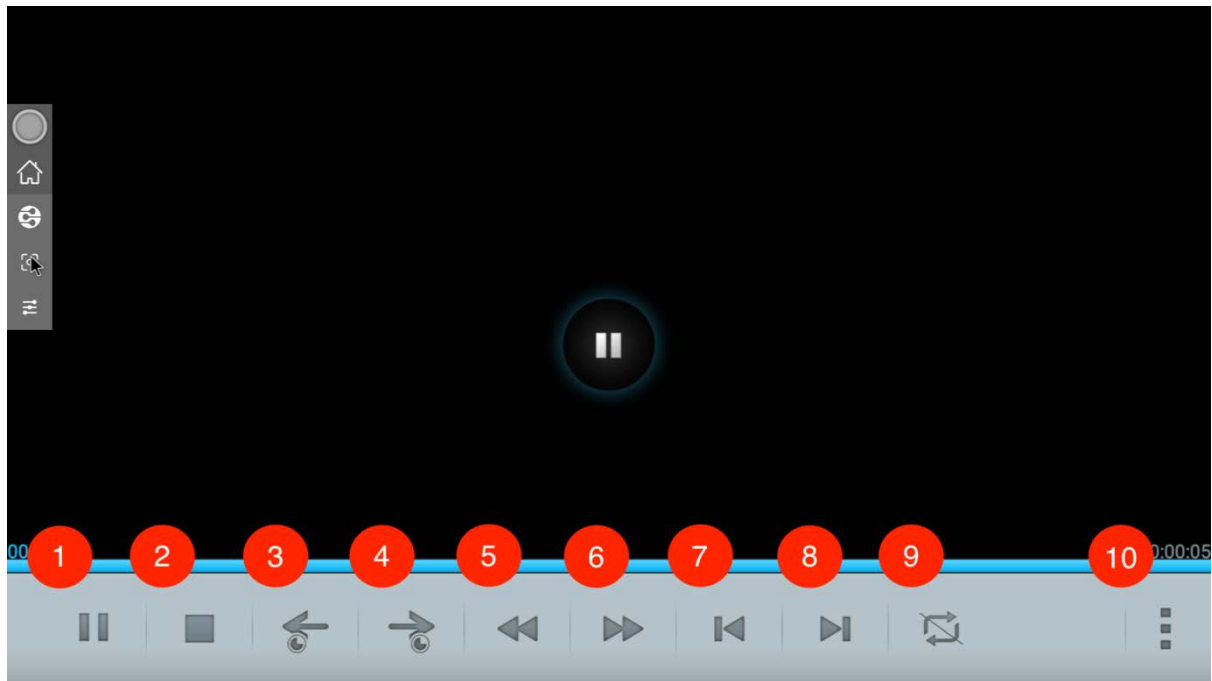
Media browser



Video



Select the video you want to play .



1. Play/Pause
2. Stop
3. Skip forward
4. Skip backward
5. Rewind
6. Fast-forward
7. Previous Video
8. Next Video
9. Settings

Subtitle

Audio

3D to 2D

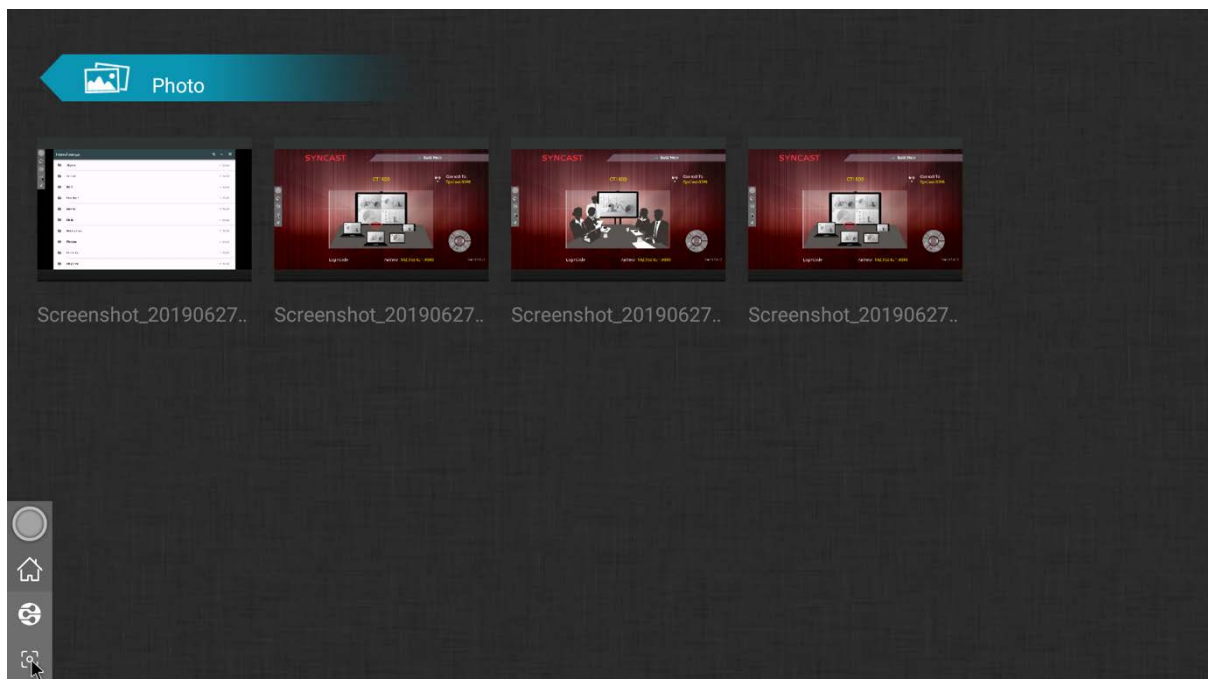
Aspect Ratio

Property

Save Subtitle: On

Item	Description
Subtitle	Turn on or off subtitle
Audio	Inspect the audio info of this video
3D to 2D	Change 3D video into 2D
Aspect Ratio	Change the aspect ratio of this video
Property	Inspect the properties of this video
Save Subtitle	Turn on or off Save Subtitle

Photo

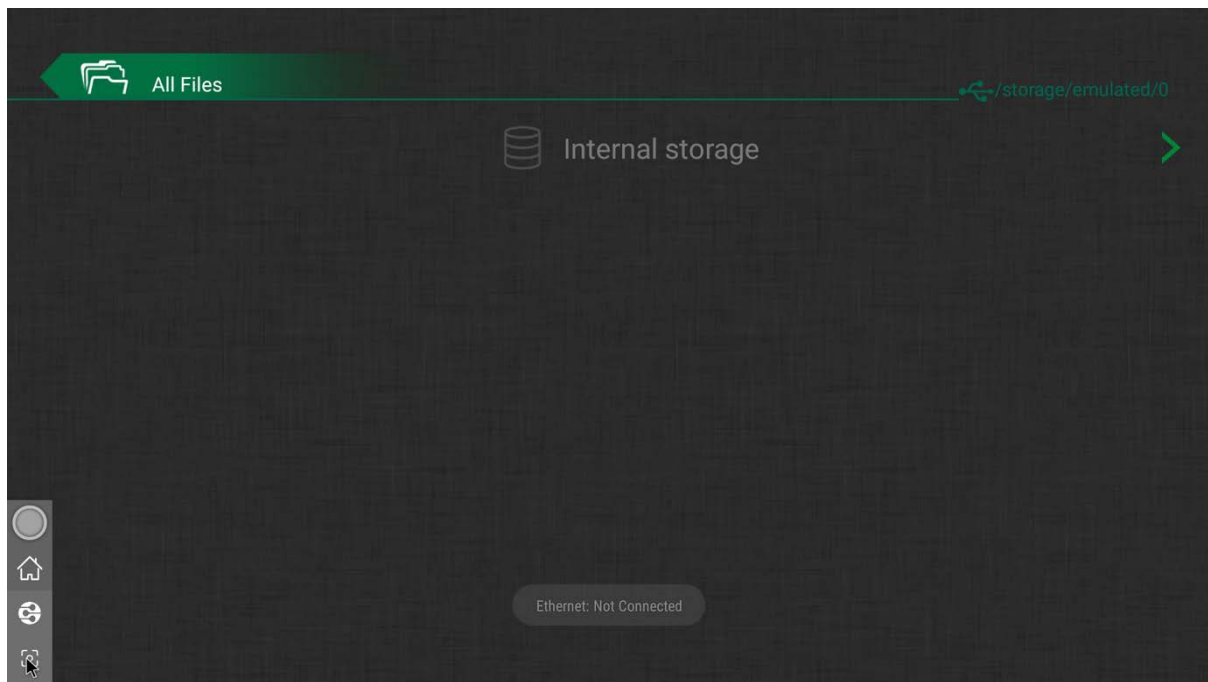


Select the Photo you want to display.



1. Previous Photo
2. Play
3. Next Photo
4. Rotate Left
5. Rotate Right

File



Select the folder you want to explore

Remote Control



Remote Configuration		
Power	Mode	Mute
	Up	
Left	OK	Right
	Down	
Back	Home	Call app
List		info
Vol+		PgUp
Vol-		PgDown

FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

CAUTION:

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment. This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

RF exposure warning

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.