

i3ALLSYNC

Wireless Presentation System

User Manual



Device name

i3SIXTY S4300



WiFi-network

Guest



Login-code

6633

Remote view
IP:192.168.36.101:9090/6633



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Chapter 1: Product Introduction

Thank you for choosing the I3ALLSYNC Wireless Presentation Receiver System software.

1-1 Introduction

This I3ALLSYNC User Reference Guide provides a summary of how I3ALLSYNC works for users, including an overview of an I3ALLSYNC system as well as steps for users to connect, share and control content on an I3ALLSYNC wireless display using laptops, mobile devices and the display user interface. I3ALLSYNC will improve meeting room efficiency, engagement, and productivity.

Key Features

- (1) Connect with Windows, Mac, iOS and Android devices
- (2) Screen mirroring the desktop, and apps, docs, images & videos file streaming
- (3) Stream 1080p at 30fps or better with synchronized audio
- (4) See changes on display in real time
- (5) Display-side control with multi-touch support
- (6) Share from multiple iPads and iPhones simultaneously
- (7) Support 4 split screens mirroring.
- (8) Multiple use models supported: Basic Mode Access; Conference Mode Access °

1-2 Hardware Recommendation

I3ALLSYNC Client/User Device – Technical Requirements

Clients – laptops and mobile devices			
	Laptops & Tablet PCs	iPads, iPhones,& iPods	Android Tablets & Phones
Operating System	Windows 7 or newer OSX 10.10 or newer	iOS version 8.0 or newer	Android 6.0 or newer
Minimum Required	Intel Core 2 Duo, 2.3GHz 2 GB RAM	iPad 3 / iPhone 5 or newer	Phones/Tablets with Android 6.0 or newer
Recommended	Intel Core i5 with 2C4T, 2.3GHz 6 GB RAM	iPad 3 / iPhone 5 or newer	Phone/Tablets supporting Android 6.0 or newer

I3ALLSYNC Share Windows Software (server) – Technical Requirements

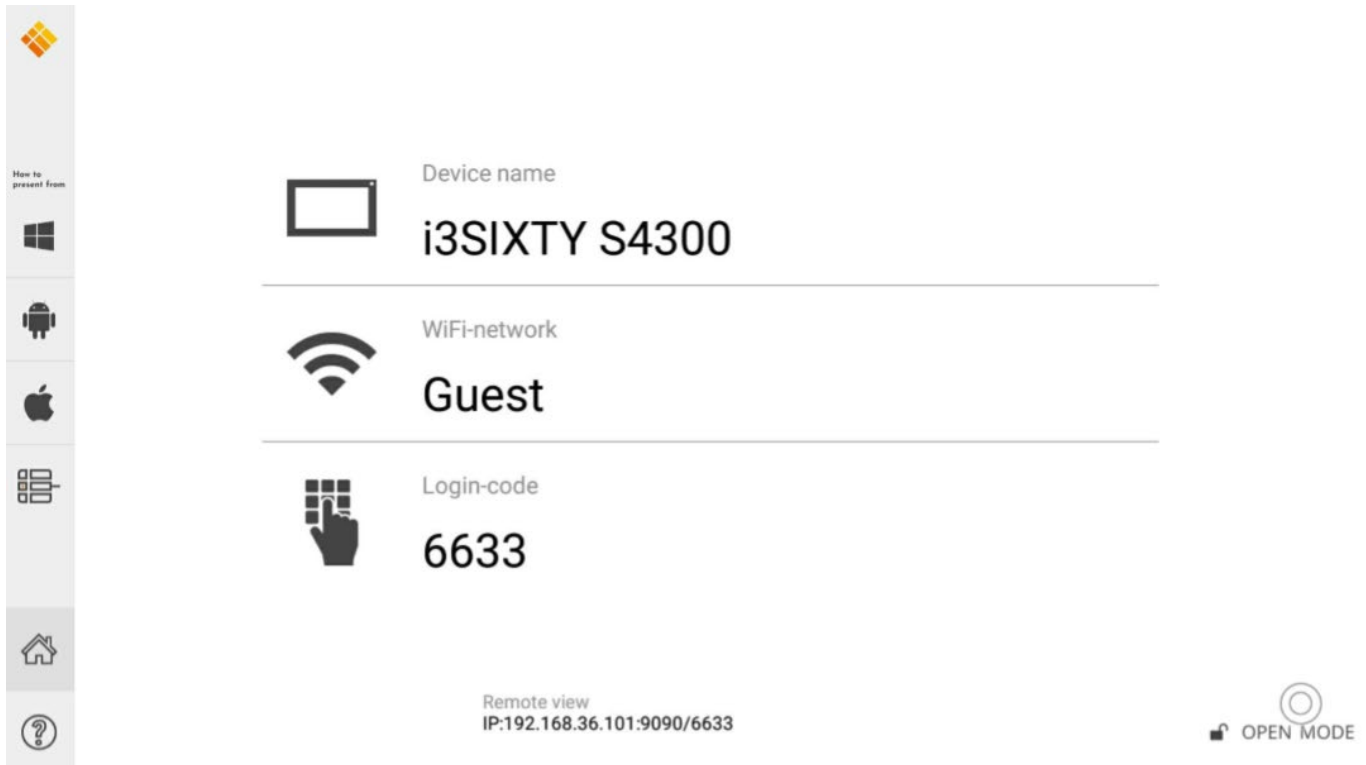
Host Computer for I3ALLSYNC Windows Software		
Operating System	Windows 7, 8.1 or 10 I3ALLSYNC Windows Software is not supported in a virtual machine (VM) environment or while using terminal services.	
Minimum Required	Processor	Intel Core i5 with 2C4T 2.3GHz or higher, or AMD equivalent.
	Graphics	Direct X 11 or higher, Integrated Intel HD Graphics or Dedicated Graphics (i.e. AMD Radeon or NVIDIA GeForce)
	RAM	4 GB
	Network	Single NIC Card. Ethernet Connection

I3ALLSYNC Share Network Requirements



Network and Internet Access
When I3ALLSYNC is deployed into the existing network, the host PC and the clients require wired or wireless network connection with a minimum bandwidth of 20 Mbps. When running HD content, increase the minimum bandwidth to 50 Mbps. Like any network application, the overall performance would be depended on available bandwidth. Internet access is required to activate the I3ALLSYNC Windows Software (server) and install software updates for I3ALLSYNC Windows Software (server). Internet access is also required to install and update the I3ALLSYNC client apps for Windows, Mac, iOS, and Android.

Chapter 2: Description of Functions





When you see the screen below, the I3ALLSYNC server is ready for connection. Choose in the sidebar which operating system you are using to start the screensharing on your i3TOUCH, i3HUDDLE or i3SIXTY.





Receiver:

Receiver	ICON	Description
I3ALLSYNC (for Windows)	 	The receiver server which receives and shows the shared screens from the transmitters.

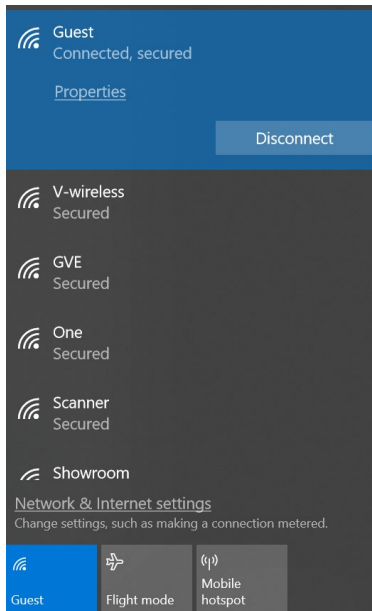
Transmitters (Sender Clients):

Transmitter	ICON	Description
I3ALLSYNC (Windows)	 	The software shares the screen from PC or tablet to the receiver.
I3ALLSYNC (Mac)	 	The software shares the screen from Mac to the receiver.

I3ALLSYNC Sender (Android)		The app mirrors the screen from phone or tablet to the receiver.
I3ALLSYNCDoc (iOS)		The app streams files from iPhone or iPad to the receiver. File type: word, excel, ppt, photo, picture, video, webpage... etc.

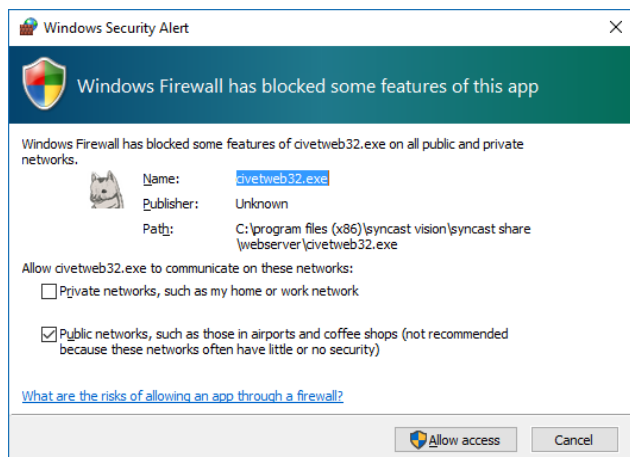
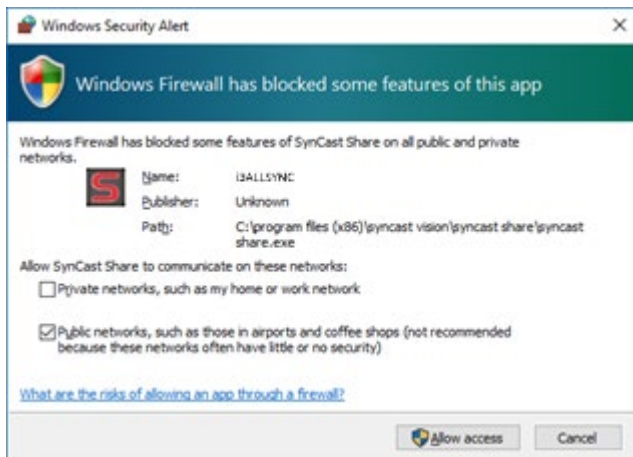
2-1 Using I3ALLSYNC

Step2. Connect the Windows Platform to a dedicated router via LAN or Wi-Fi.



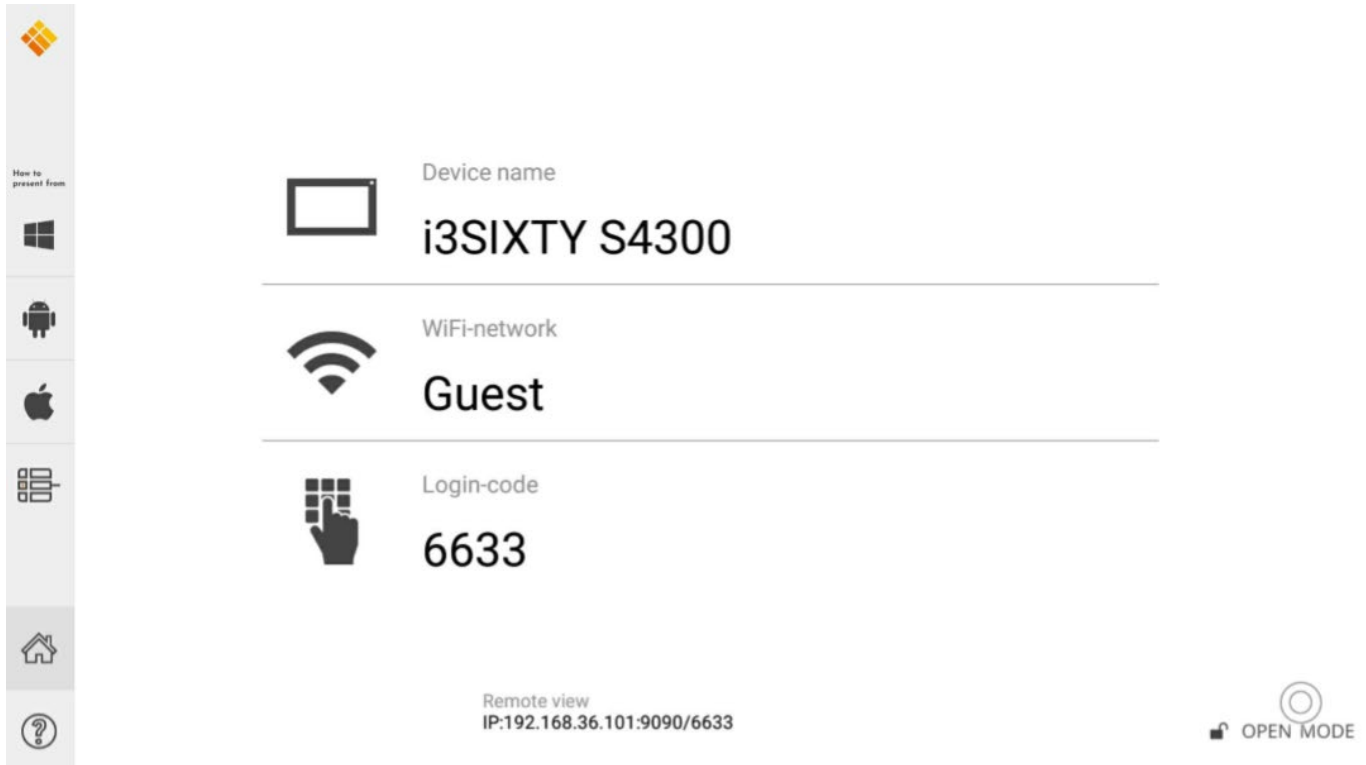
Step3. Launch the I3ALLSYNC

Step4. Allow access through the Windows Firewall.





Now the I3ALLSYNC Share server is ready for connection.






2-2 I3ALLSYNC User Interface



Item	Description
Device Name	It will be identical to the Windows Computer Name.
IP Address	Received from another DHCP Server or configured manually to server.
Connect To	Show the upper AP router SSID via Wi-Fi connection. Show "LAN" via LAN connection.
LoginCode	4 digits to ensure client connect to the correct receiver server.
Software Download	Web link to download I3ALLSYNC Client Software and user guide
Action Short Cut	The control panel and main functions of I3ALLSYNC.

2-2-1 Action Short Cut (Control Panel)

Item	Description
	Press the  to expand the action short cut pie.

	<p>Enable / Disable the Conference Mode from receiver server.</p>
	<p>Show clients' screens preview on left or right bar in conference mode.</p>
	<p>Enable/Disable touchback from receiver to control the Windows / Mac clients.</p>
	<p>Go to the settings window of I3ALLSYNC receiver server.</p>
	<p>Stop all mirroring screens on the receiver.</p>
	<p>Annotator, drawing on the screen and save to file.</p>
	<p>Minimize I3ALLSYNC to the Windows Task bar. Close I3ALLSYNC.</p>

2-2-2 Basic Mode and Conference Mode

Basic Mode

All the clients with I3ALLSYNC transmitter software or app are free to share their screens once their devices are connected to the I3ALLSYNC 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.

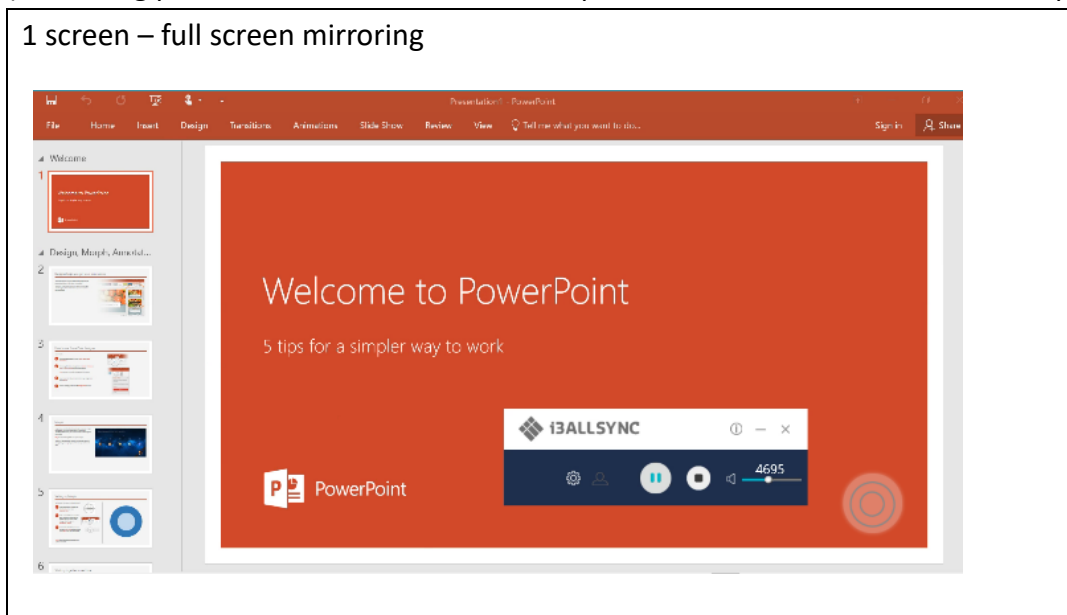
2-2-3 Multi-screens (Windows Receiver only feature)

The user guide for client's transmitter device to connect to I3ALLSYNC receiver will be stated in Chapter 3 of this manual.

i3ALLSYNC Share supports multi-screens sharing feature:

(Streaming performance of multi-screens depends on CPU and GPU of hardware platform.)

1 screen – full screen mirroring





View the Sharing Screens

When multiple screens are sharing, select the sharing screen, Zoom In and Close buttons appear on the screen. When someone 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. There is maximum of four screens that can be shown at a time on your display.

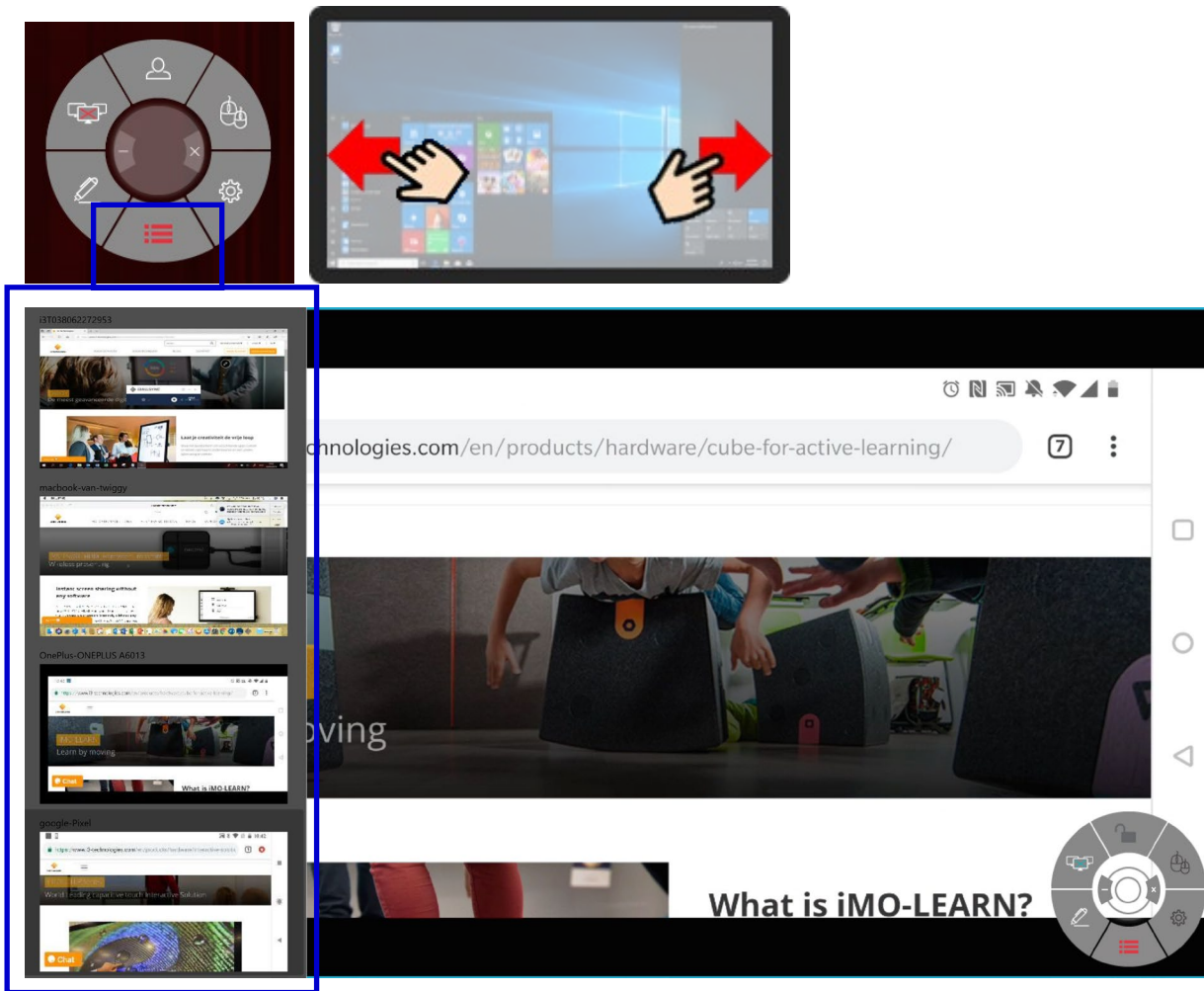
	Zoom In - View in full screen		Zoom Out - Return to 4-split screen		Close - Stop Sharing
--	----------------------------------	--	--	--	-------------------------

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 stop the client showing there screen.



2-2-4 Back Channel Control

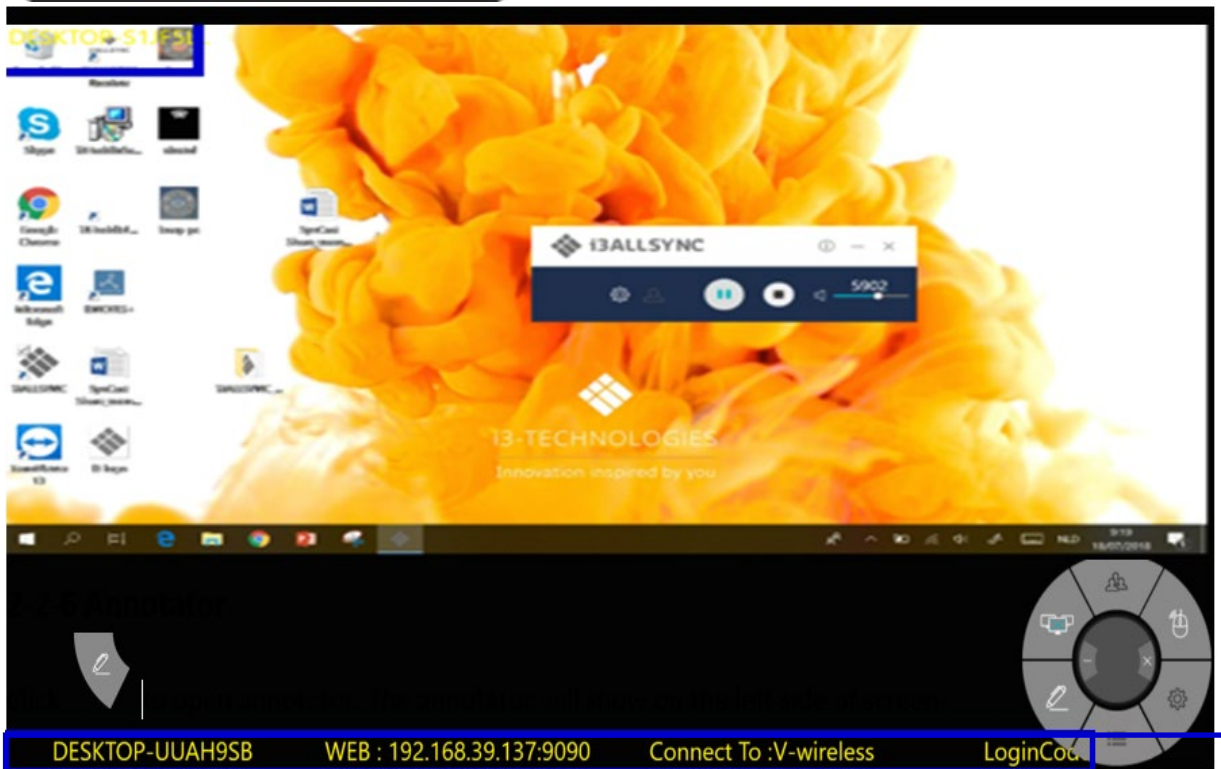
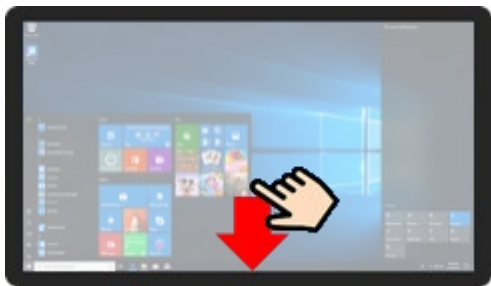
Back Channel Control feature enables the I3ALLSYNC receiver to interact with the I3ALLSYNC client. Make a click on I3ALLSYNC receiver, I3ALLSYNC will do a same click on the client's device.

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.




2-2-5 i3ALLSYNC OSD Information

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

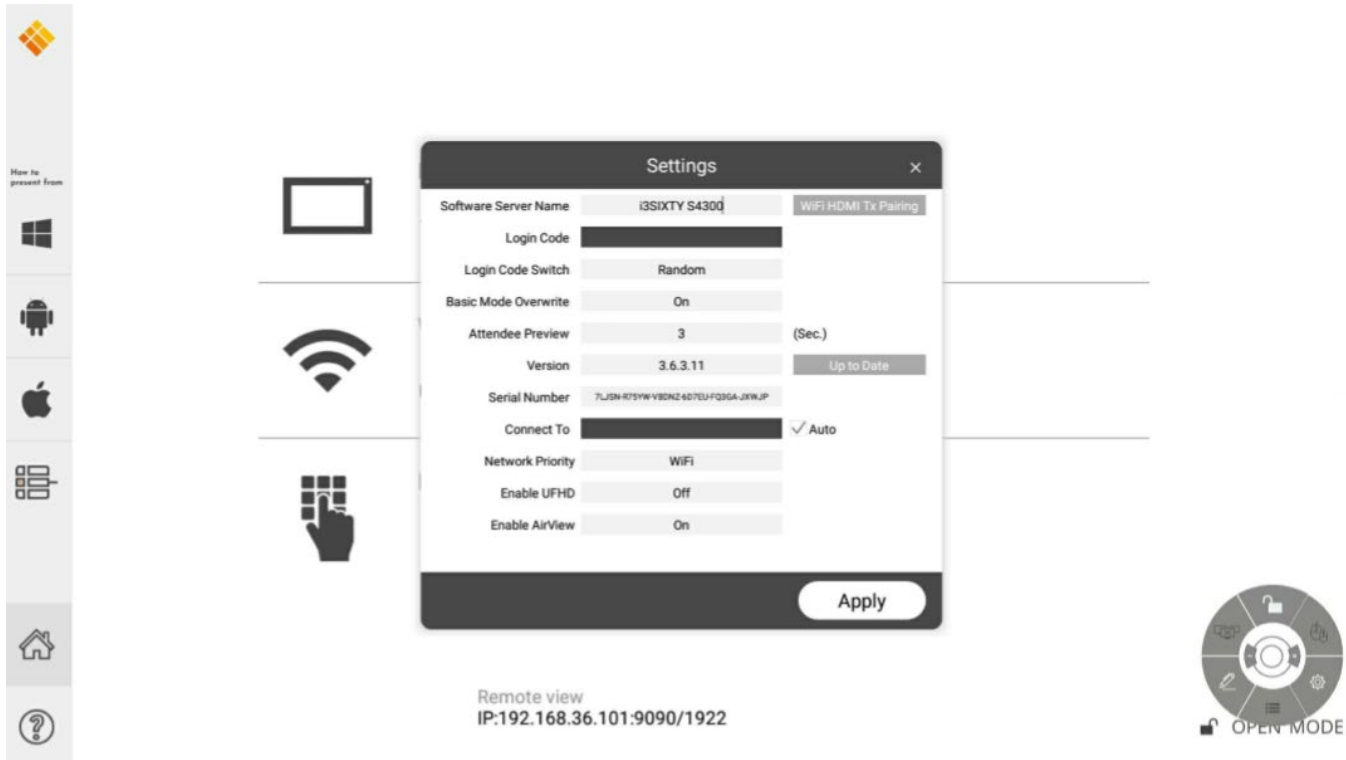


2-2-6 Annotator

Click  to open annotator. The annotator floating menu will be shown on the left upper-corner of

your screen. This application gives you the opportunity to take notes on the display while you're sharing your screen. When you're done with taking notes, you can simply save and share your notes via several options, like directly download as PDF, send it to your e-mail,...

2-2-7 I3ALLSYNC Share Settings



You have to restart the I3ALLSYNC to apply the changed settings. Restarting can be done after pressing the 'Apply' button in the right-bottom corner of the settings screen.

Item	Description
Software Server Name	It will be identical to the Windows Computer Name. Editable for customized name for the receiver, and only effective to the clients' recognition. Windows Computer Name remains the same.
Login Code	Editable if the Login Code switch = ON (and not 'Random') Enter the 4 digits number to appoint the Login Code. After you've done this setting, the login code will always be these 4 digits.
Login Code Switch	Random = generate 4 digits randomly every time launch the software. 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.
Log Output	Click "Send To Desktop" to send the log file to desktop. Send this file to

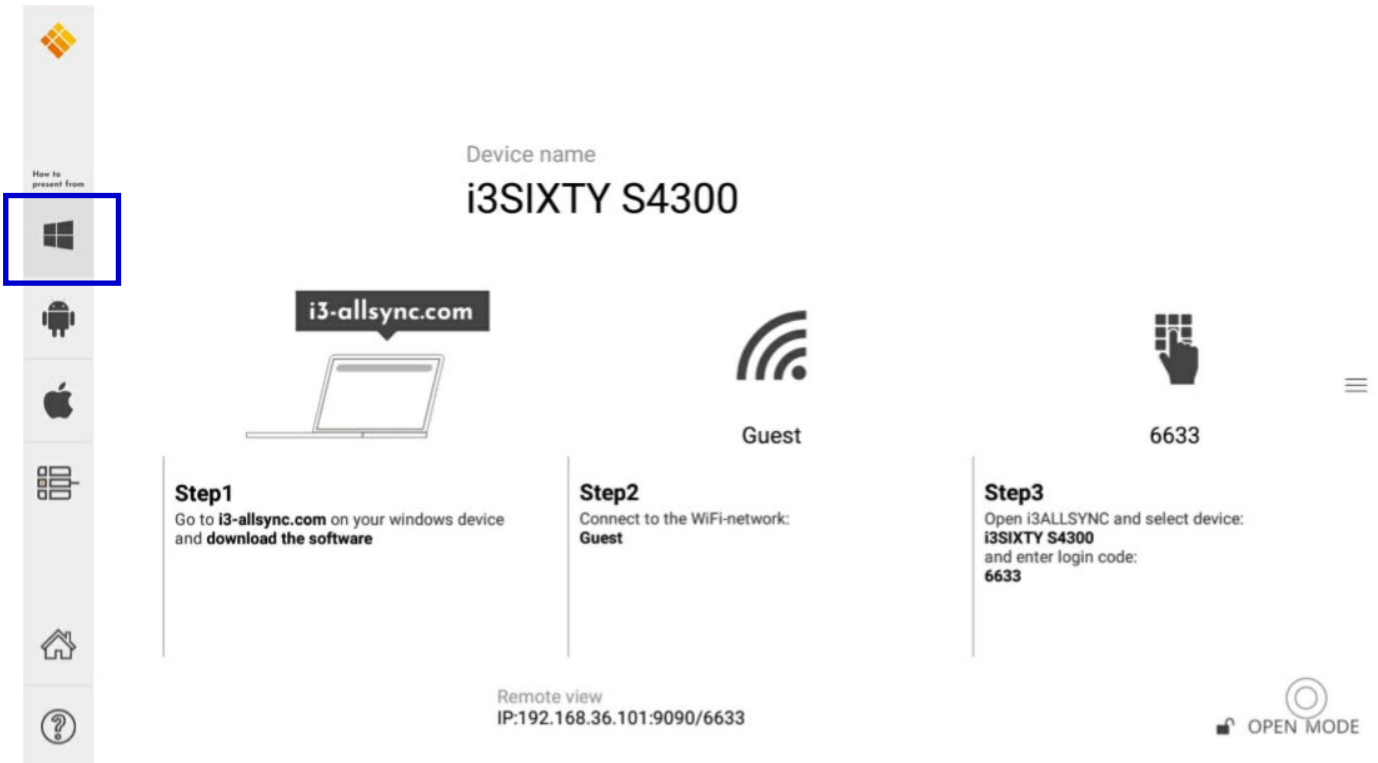
	support team to analyze the software issue.
Version	The I3ALLSYNC version. OTA Update is available.
Serial Number	Trial Version = Haven't entered the serial number yet. Activated Version = Show the serial number.
Expire On	Trial Version = Expired Day of trial. Activated Version = Expired Day of OTA update effective.
Hardware Decode	OFF = Disable GPU hardware acceleration. ON = Enable if the platform supports GPU hardware acceleration.

Chapter 3: I3ALLSYNC Transmitter Software and Applications

There is an application for each operating system:

- Windows
 - o Download the application via: <https://www.i3-technologies.com/en/products/software/wireless-presenting-app/>
 - o The i3ALLSYNC app on Windows provides:
 - Touchback
 - Sound on your interactive touch display
 - Screen mirroring
- Android
 - o Download the i3ALLSYNC application via the Play Store
 - o The Android application provides:
 - Screen mirroring
 - No touchback (not possible because of Android)
 - No sound on your interactive touch display (not possible because of Android)
- macOS
 - o Download the application via: <https://www.i3-technologies.com/en/products/software/wireless-presenting-app/>
 - o The macOS application provides:
 - Touchback
 - Sound on your interactive touch display
 - Screen mirroring
 - o Or use Airplay
 - No touchback
- iOS
 - o only via Airplay
 - no touchback

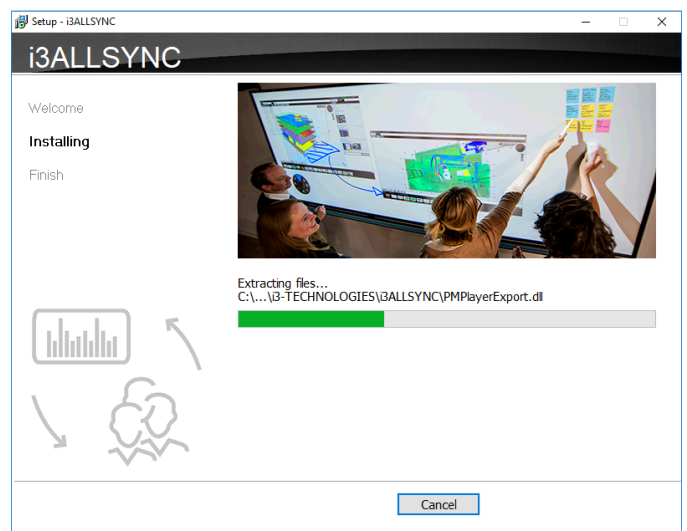
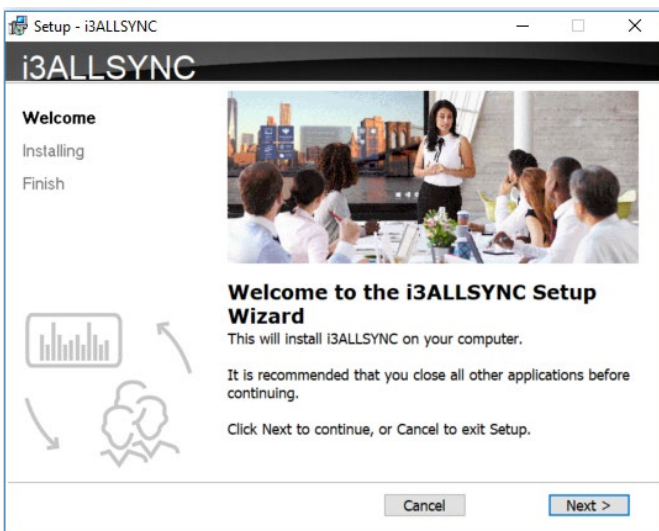
3-1 I3ALLSYNC Windows Transmitter Software

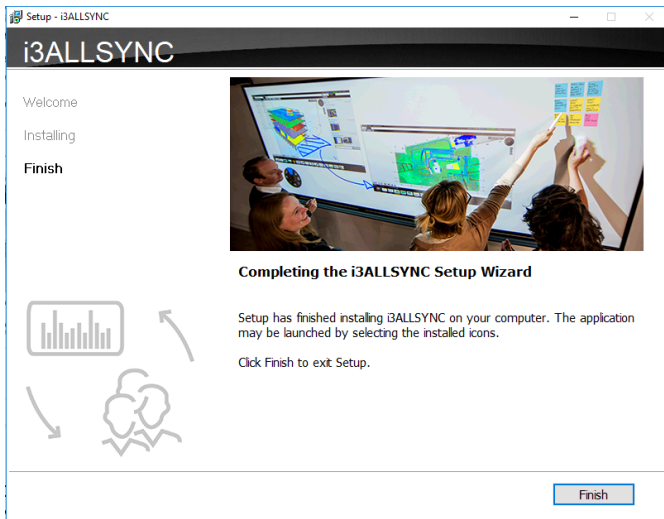


3-1-1 Install I3ALLSYNC Windows software

Go to: i3-allsync.com, to download the i3ALLSYNC transmitter application on your Windows device. Follow the steps to complete the software installation.

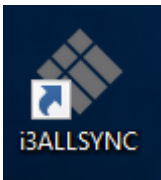
We call it the transmitter software because you'll send your screen from your Windows device to the i3TOUCH, i3HUDDLE or your i3SIXTY, which will function as receiver.





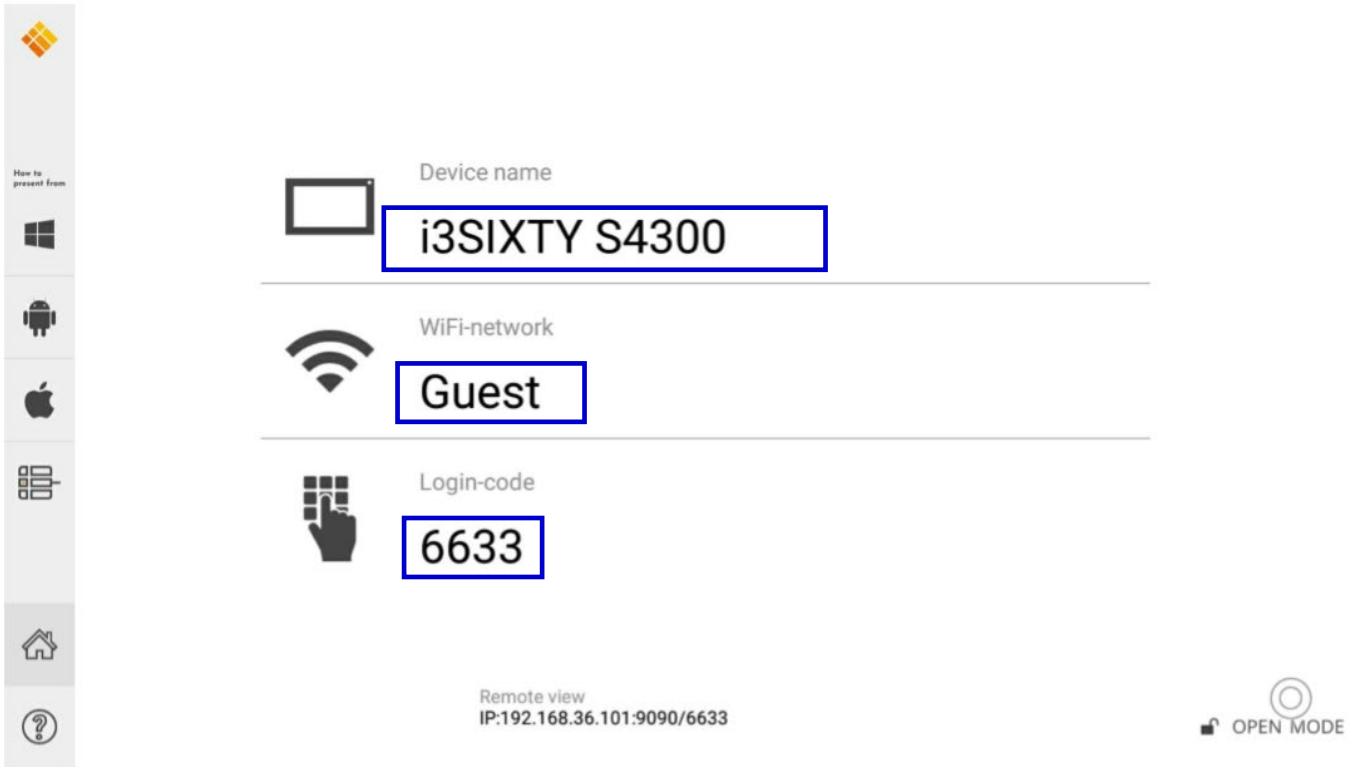
3-1-2 Launch I3ALLSYNC Windows software

Step 1. Launch the I3ALLSYNC software, the pairing wizard window shows up.



Step 2. Pairing the I3ALLSYNC receiver and I3ALLSYNC transmitter.

I3ALLSYNC transmitter (= the i3ALLSYNC app on your laptop or smartphone) should connect to the same network with the I3ALLSYNC receiver (=i3ALLSYNC on you i3TOUCH, i3HUDDLE or i3SIXTY). You can refer to the information on standby screen of I3ALLSYNC receiver.



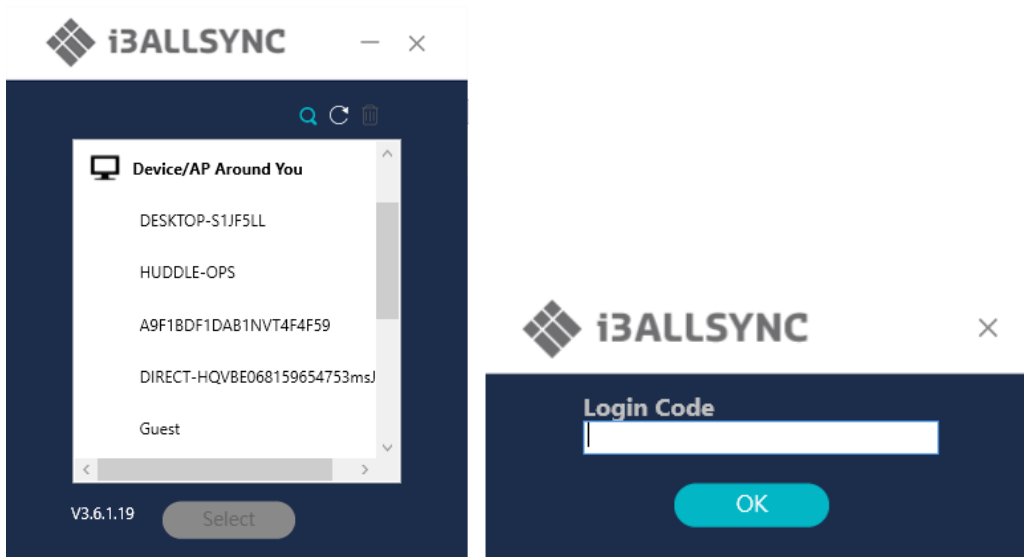
Depending on the connection status, 3 types of pairing method.

Type A	Client connects to the router via Wi-Fi I3ALLSYNC connects to the router via Wi-Fi or LAN
Type B	Client connects to the router via LAN I3ALLSYNC 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 I3ALLSYNC via Wi-Fi HotSpot of the receiver device directly.

General Pairing Steps

When the i3ALLSYNC Transmitter app on your device is already connected to the same network as the receiver device (= your i3TOUCH, i3HUDDLE or i3SIXTY), then the I3ALLSYNC software can find the receiver device. This means that you have to search for the device name between the search results in your i3ALLSYNC Transmitter app on your laptop or smartphone. In this case, the receiver is been called: DESKTOP-UUAH9SB)

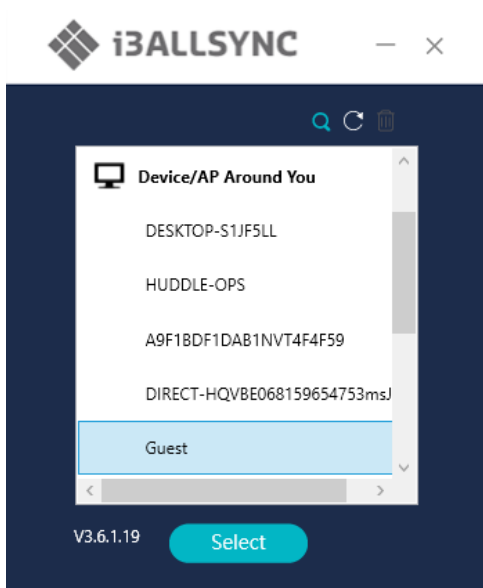
1. Select the correct receiver device which you are going to share screen with.
2. Enter the Login Code. Press "Play" to start sharing screen.



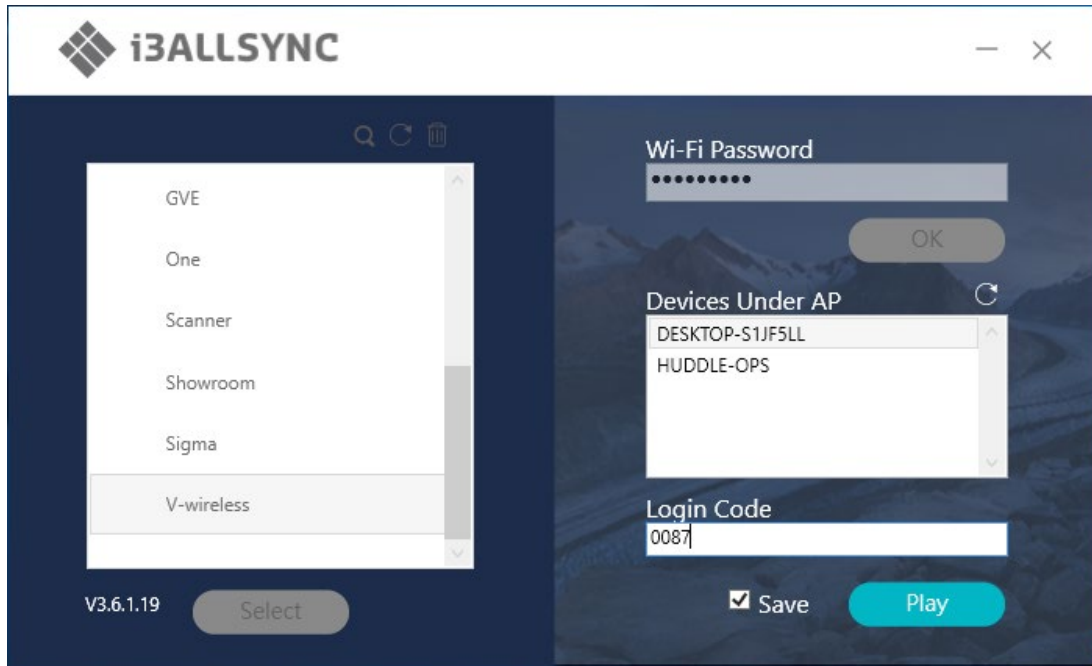
If you cannot find the device directly, here are some guides for different pairing methods.







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.



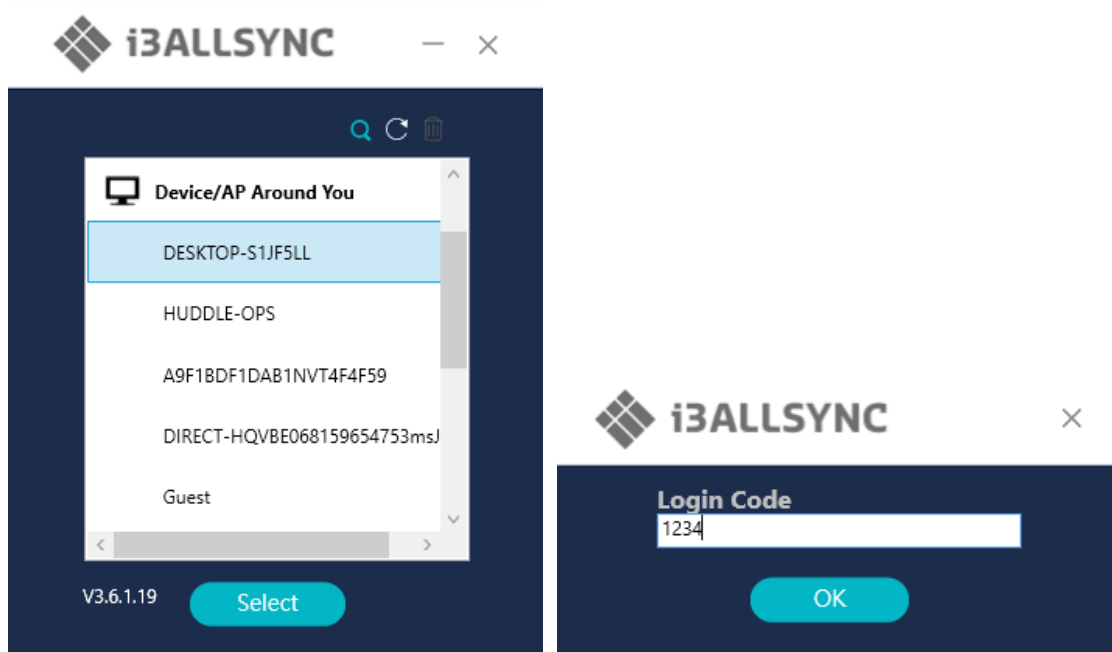
2. Enter the Wi-Fi password of the router and click “OK”.
3. Select the correct receiver device which you are going share screen.
4. Enter the Login Code. Press “Play” to start sharing the screen.





Item	Description
	Device/AP Around You. Select the router you want to connect to. The I3ALLSYNC 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	Enter the Wi-Fi password you set in Soft AP mode
Device Under AP	I3ALLSYNC receiver name will be located and shown here.
Login Code	Enter the Login Code if you see it on I3ALLSYNC receiver.
Save	Save the pairing record in the client PC.
	Start the screen mirroring.

Type B. Client connects to the router via LAN

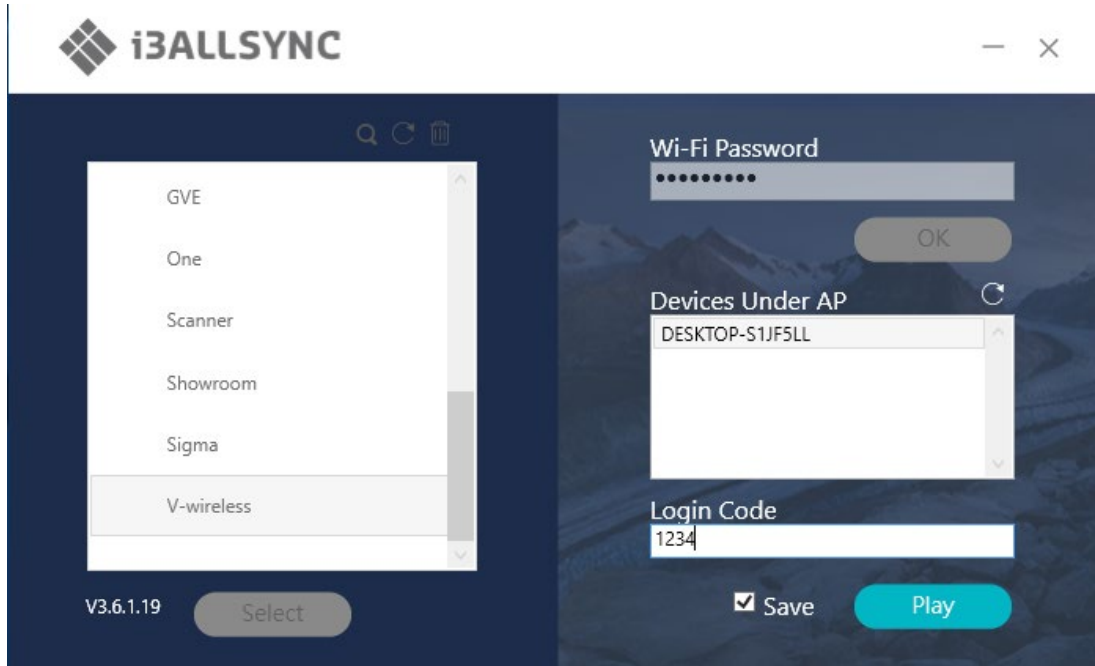
1. Select the correct receiver device which you are going to share screen with.
2. Enter the Login Code. Press "Play" to start sharing screen.



Item	Description
	Device/AP Around You, the i3ALLSYNC 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.

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

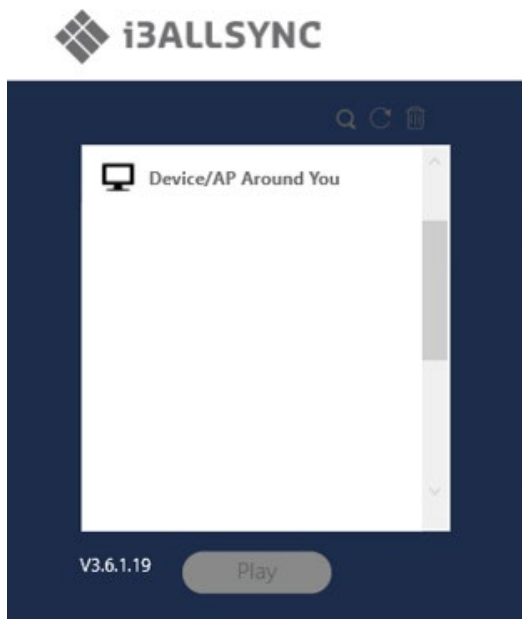



Item	Description
	Device/AP Around You. Select the router you want to connect to. The I3ALLSYNC receiver should be located behind this router.
	Find the receiver by IP.
	Refresh the list if the Wi-Fi router or device if it doesn't appear.
	Select the saved pairing record and discard it.
	Choose the router, click “Select” to connect.
Wi-Fi Password	Enter the Wi-Fi password you set in Soft AP mode
Device Under AP	I3ALLSYNC receiver name will be located and shown here.
Login Code	Enter the Login Code if you see it on I3ALLSYNC receiver.
Save	Save the pairing record in the client PC.
	Start the screen mirroring.

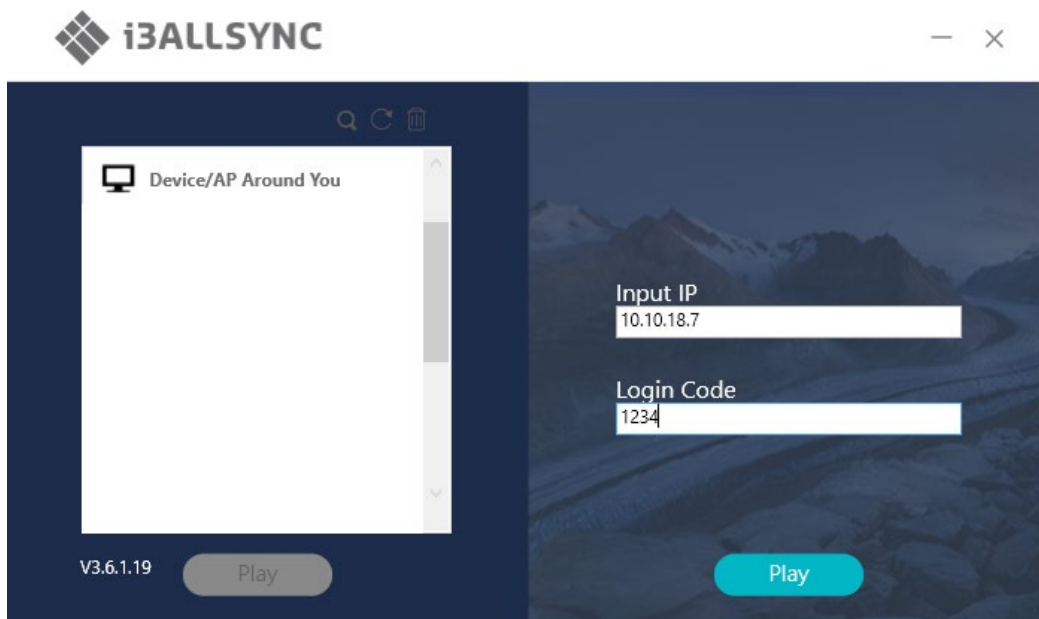
Find by IP manually

In some cases, the client’s device and the receiver device are under the same network but not at the

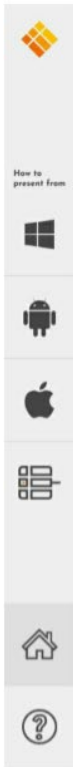
same level. Follow the steps below to find the receiver by IP address manually.



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



*You can find the IP on your wireless presenting screen:



Device name
i3SIXTY S4300

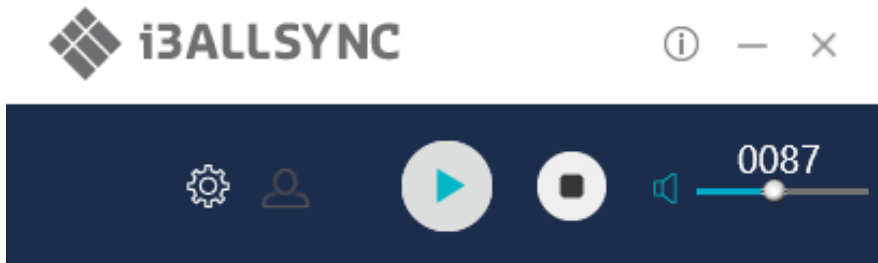
WiFi-network
Guest

Login-code
6633





Remote view
IP:192.168.36.101:9090/6633

OPEN MODE


3-1-3 I3ALLSYNC Windows User Interface Basic Mode — Main Panel




Item	Description
	Click to show the Version / Server IP / Server Name information
	Minimize the I3ALLSYNC control panel
	Close the I3ALLSYNC program
	Launch the Document Share
	Launch the Annotator
	Launch the I3ALLSYNC setting
	Launch the Conference Mode

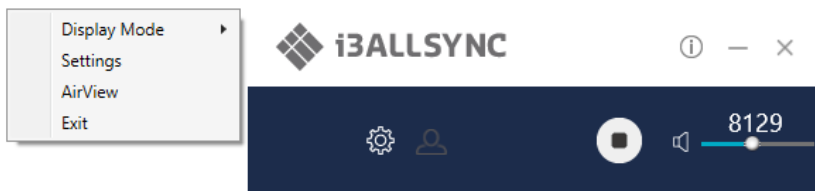
	Press Play to start the screen mirroring. Press Pause to pause the mirroring.
	Stop the screen mirroring.
	Audio Slide bar to control the audio volume.
	Mute / Un-mute switch.
Login Code	The login code typed for connecting to the receiver.

3-1-5 Annotator

Click on , the annotator floating menu will be shown on the left upper-corner of your screen. This application gives you the opportunity to take notes on the display while you're sharing your screen. When you're done with taking notes, you can simply save and share your notes via several options, like directly download as PDF, send it to your e-mail,...

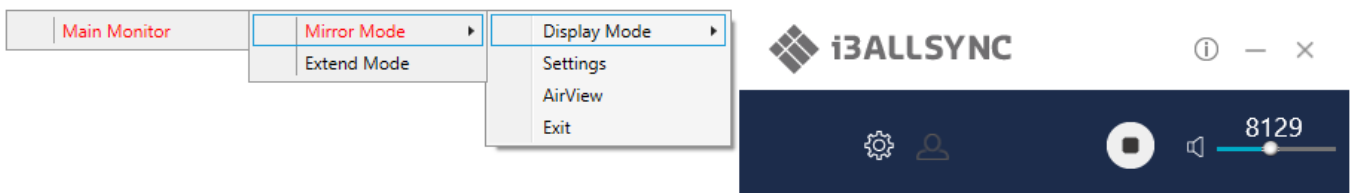
3-1-6 Settings

Click on  to see the setting menu.

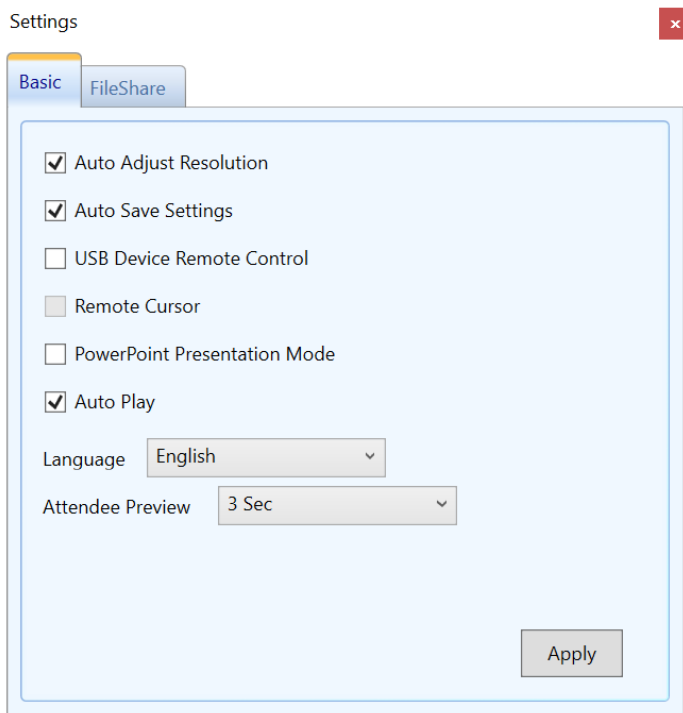


1. Display Mode

Mirror the current PC screen or share the extend screen.



2. Settings - I3ALLSYNC 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 I3ALLSYNC application language. (you need to restart to apply the changes)
Attendee Preview	Set the period of Attendee List Preview update. Only effective when the Conference Mode is enabled.

FileShare

FileShare can stream files to iPhone/iPad from a specified folder of the PC.

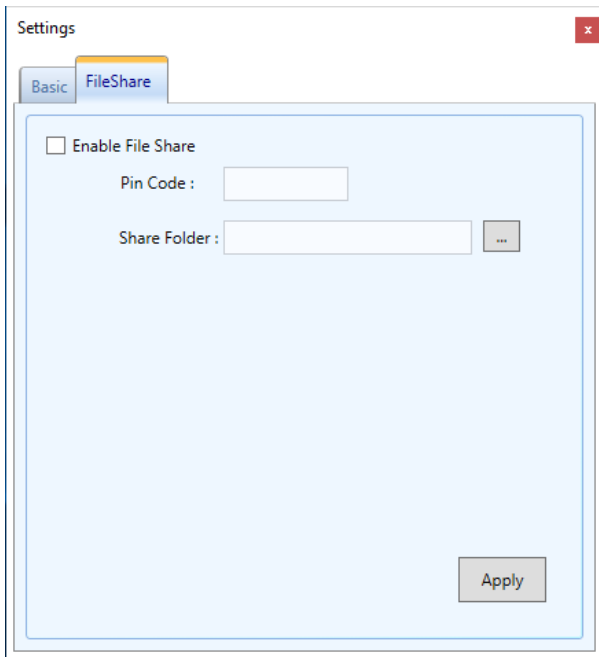
Step 1. Select "Enable File Share"

Step 2. Enter **8 digits** of number for the Pin Code

Step 3. Select Share Folder

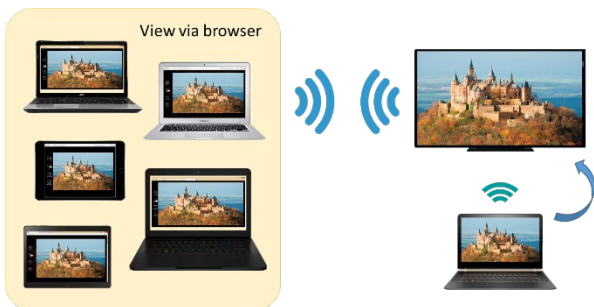
Then, your iPhone/iPad can view the files in the folder.

Note: iPhone/iPad and the PC must connect to the same SynCast Share receiver.

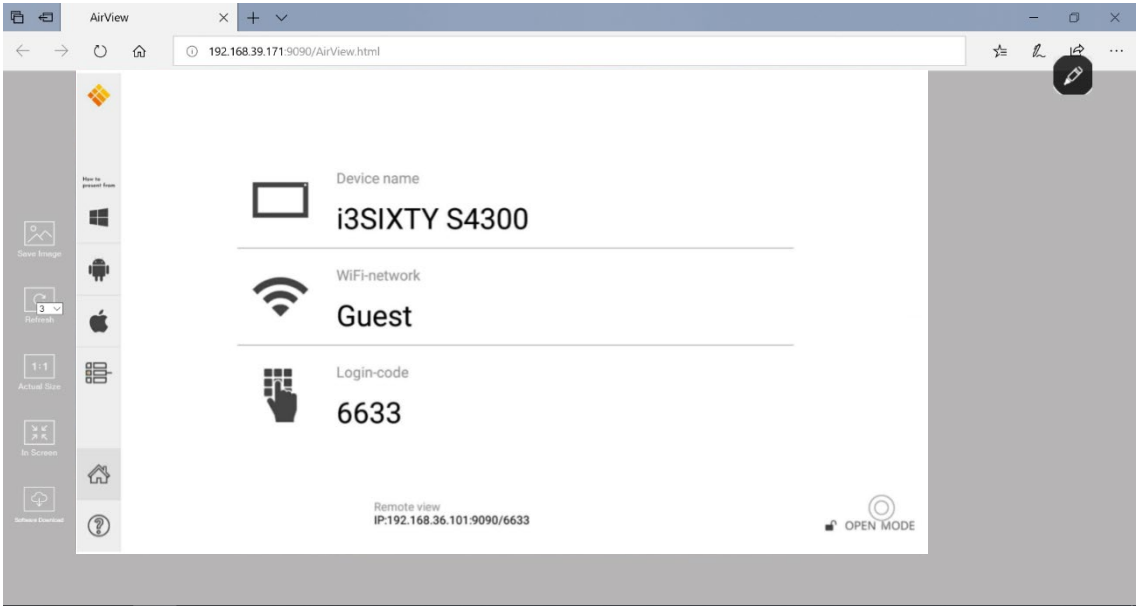


3. Remote View

Remote View is a slideshow feature that clients can see the shared screen on the Receiver via the browser. Good for clients faraway from display and take notes of the shared slides.




For a device which do not have installed the i3ALLSYNC software: they can also use the browser to see the slide show in screen sharing. Enter the IP of the receiver and select Remote View. Then watch the shared screen via browser temporarily.



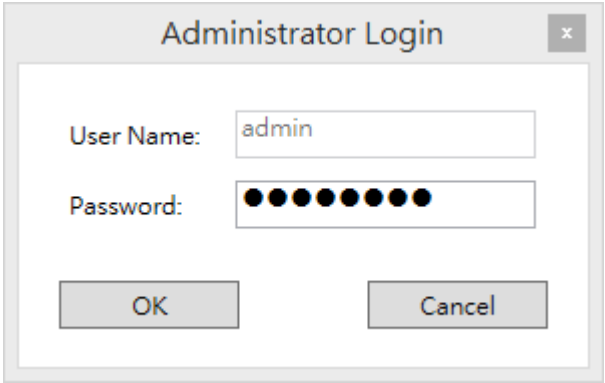
4. Exit

Close the i3ALLSYNC software.

3-1-7 Conference Mode

Click on  and enter the conference password to switch to Conference Mode.

The default password is "adminpwd".

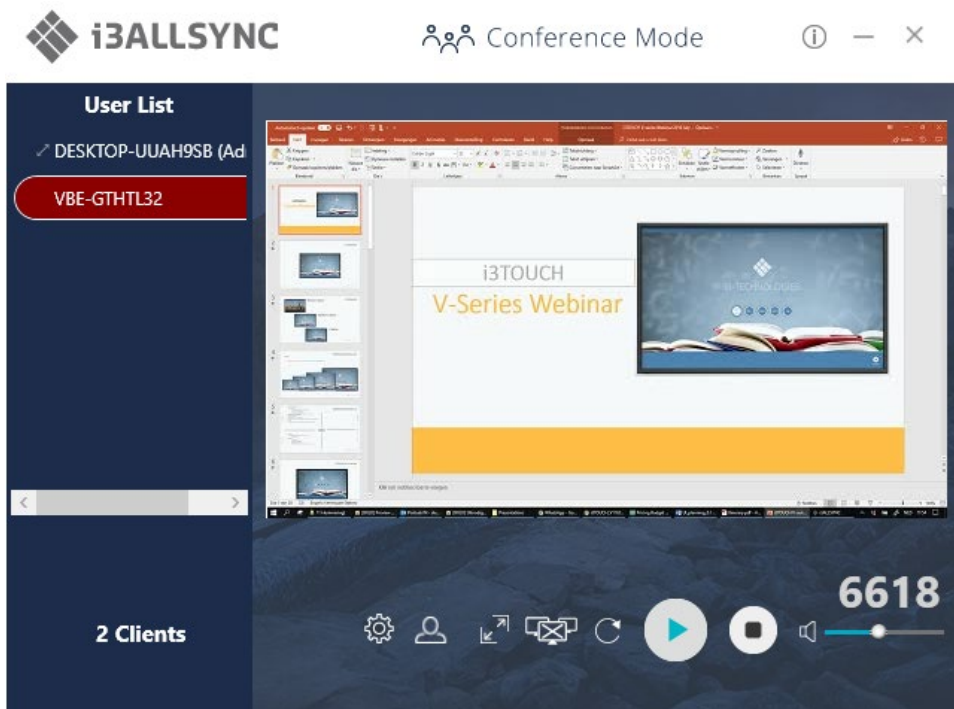
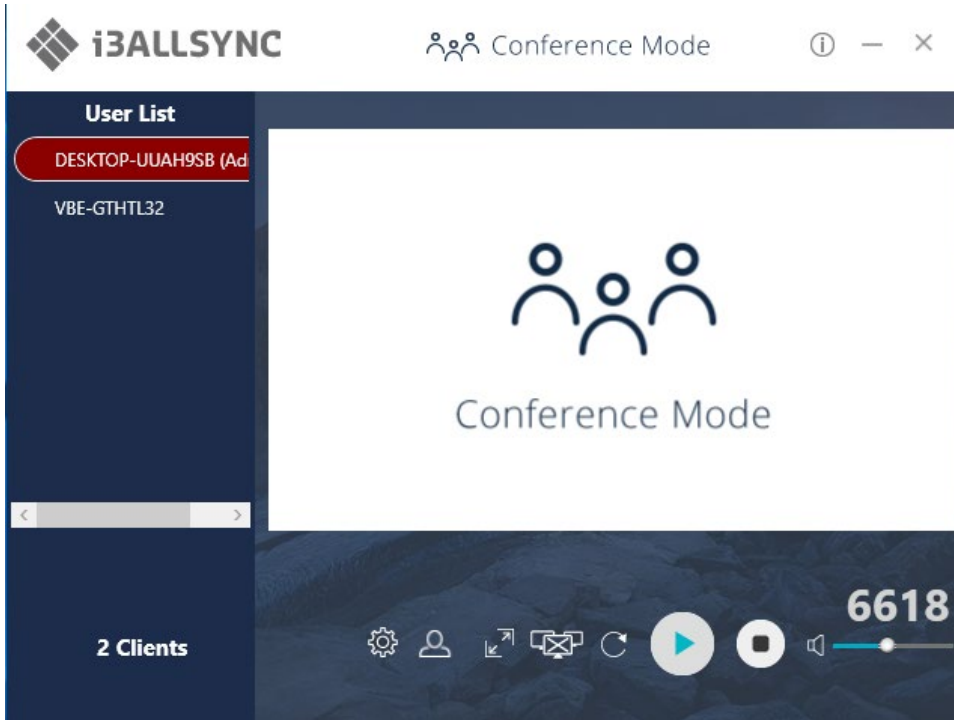


Conference Mode



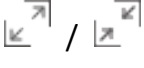






Conference Mode is a meeting control system that enables the meeting host as admin to organize the connected devices and select which screen may share and stop. Admin have the initiative to manage which screen is shared or may be shared by the clients.

Admin's Panel

- Select a client to preview the screen.
- Press Play button to let the selected client share his screen.

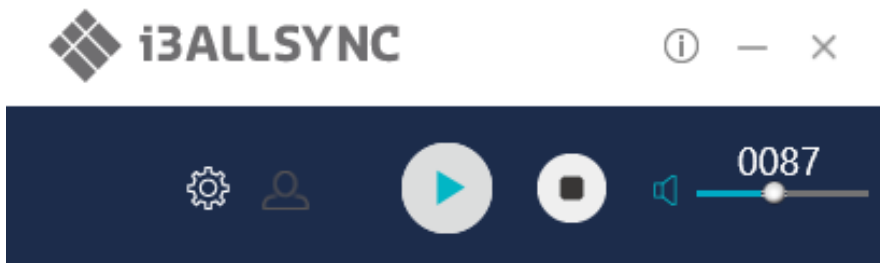


Item	Description
	Click to show the Version / Server IP / Server Name / Radio Band
	Minimize the I3ALLSYNC control panel
	Close the I3ALLSYNC
User List	All clients PC (Admin included) and the counted number is shown below.
	Close the Conference Mode and back to the Basic Mode.
	Launch the Document Share

	Launch the Annotator
	Launch the I3ALLSYNC 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 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 his screen. Admin have the initiative to manage which screen is shared or may be shared by the clients.




Manage Multi-Screens Mirroring (only possible on the i3HUDDLE)


I3ALLSYNC supports 4 split-screen mirroring function. Admin can use I3ALLSYNC Conference Mode panel to manage max 4 clients mirroring on the I3ALLSYNC receiver.

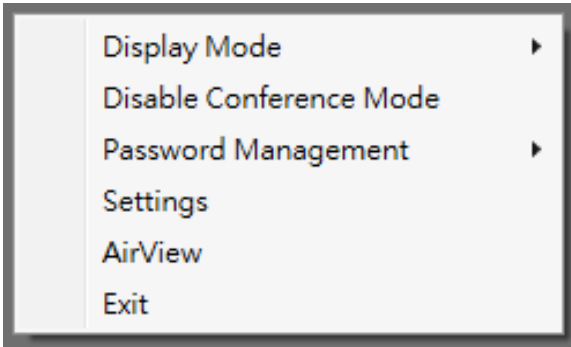
1. Select a client and press Play button to share the client's screen.
2. Add other clients to join in split screen.
3. Click  or  to Zoom In/Out the client's screen.

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.

	<p>Stop All Stop all the mirroring screens, no matter how many split screens are mirroring.</p>
---	---

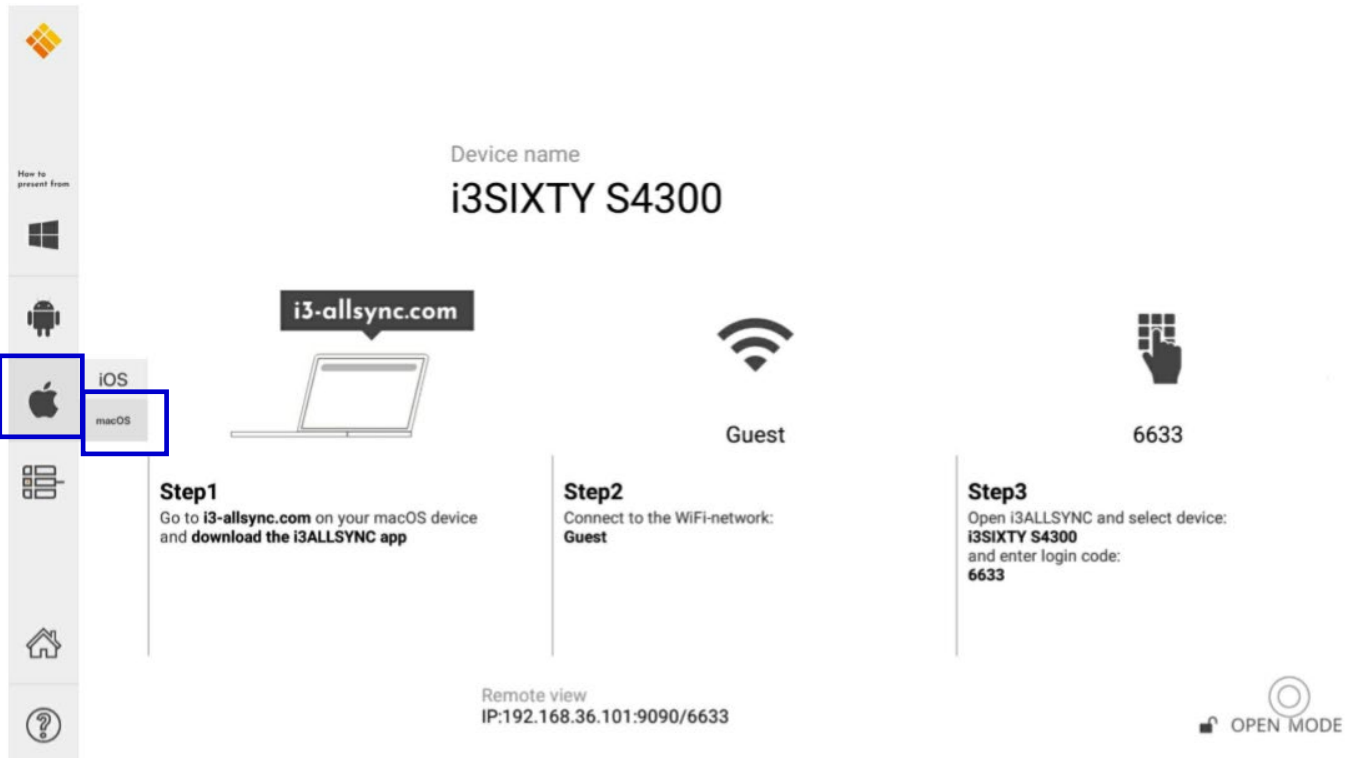
Conference Mode Setting for Admin

Click  to see the setting menu.



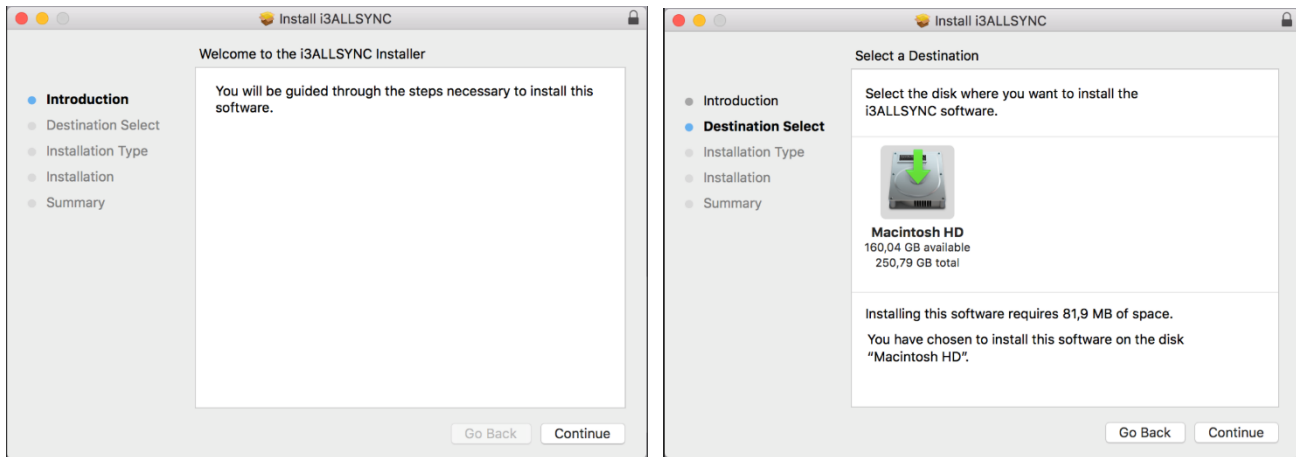
Item	Description
Display Mode	Mirror the current PC screen or share the extend screen. If there is another monitor connecting with the PC, you can choose to play the extend monitor.
Disable Conference Mode	Click to close the Conference Mode and to go back to the Basic Mode.
Password Management	Change Password: Modify the Conference Mode password Reset Password: Reset the Conference Mode password to default "adminpwd"
Settings	I3ALLSYNC advanced settings
Remote View	Open the browser to see the shared screen on the receiver. (Slide show)
Exit	Close the I3ALLSYNC software.

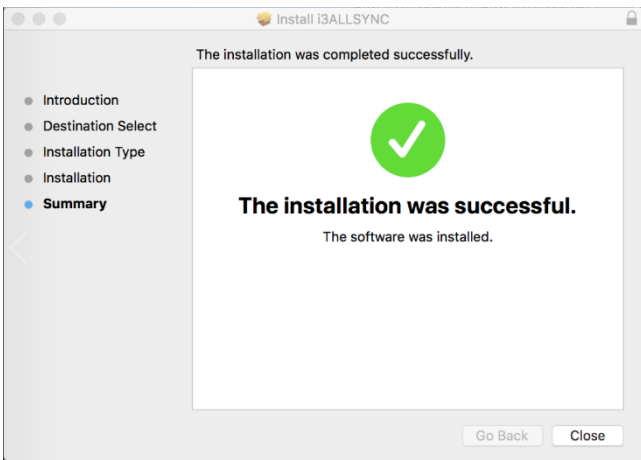
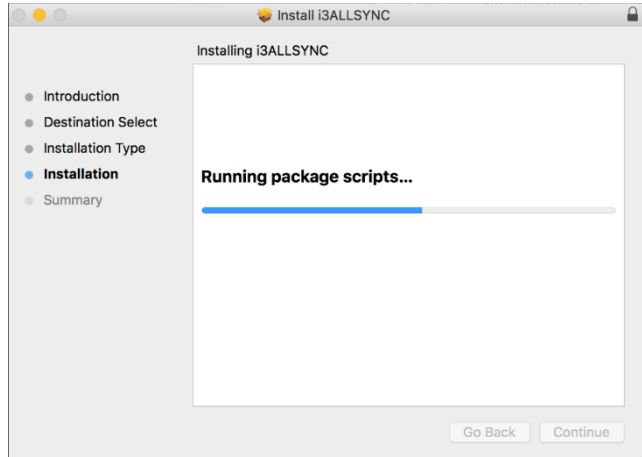
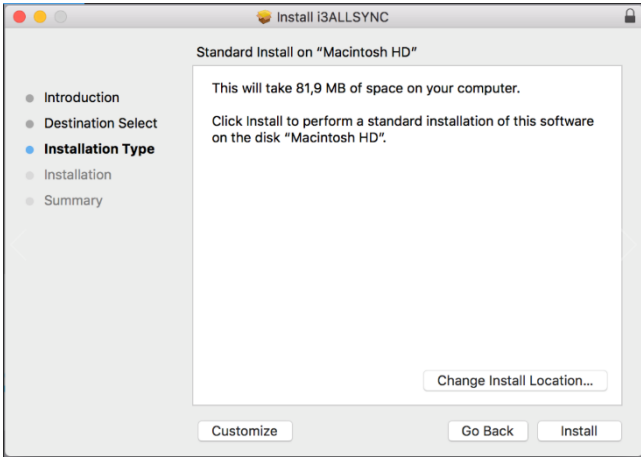
3-2 I3ALLSYNC Mac Transmitter Software



3-2-1 Install I3ALLSYNC Mac software

Go to: i3-allsync.com to install I3ALLSYNC application on your MacOS device. Follow the steps to complete the software installation.

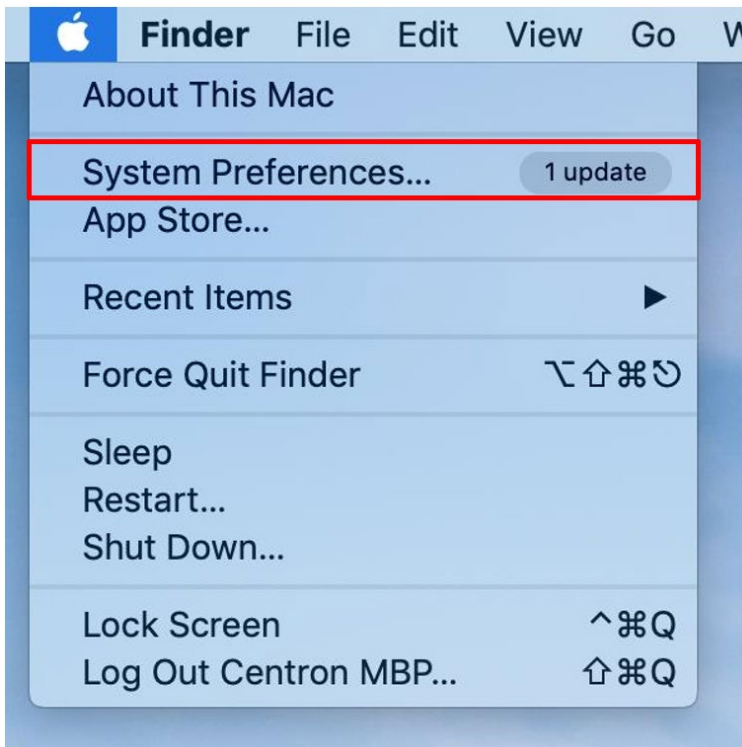




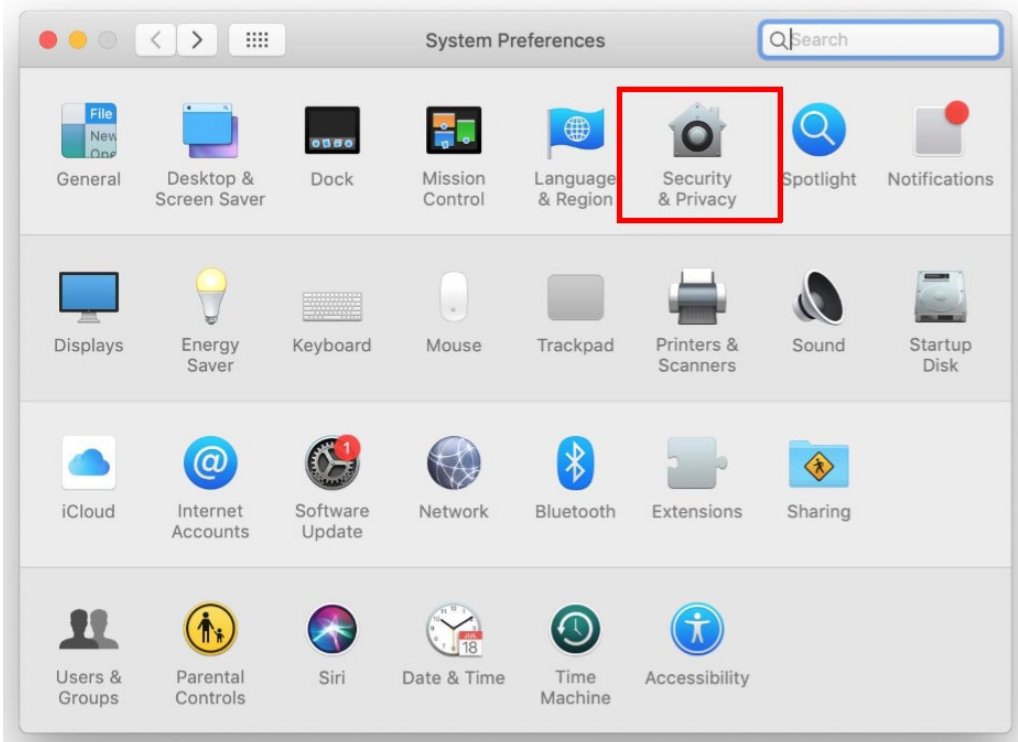
3-2-1-1 Settings for enabling touchback on your MacOS

These settings are necessary when you're using MacOS 10.14 or newer:

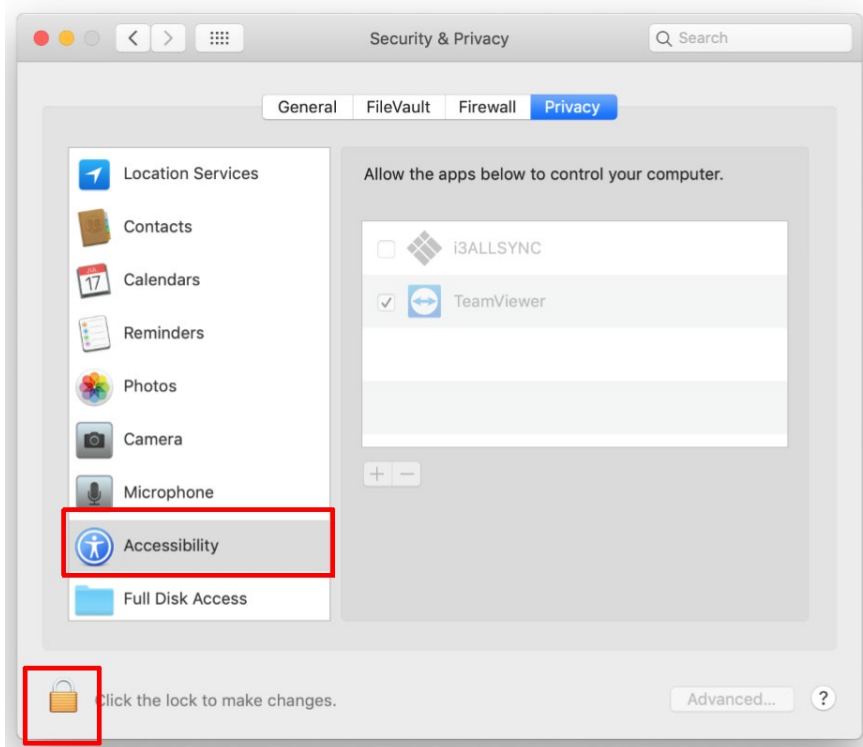
1. Step 1: select "system preferences"



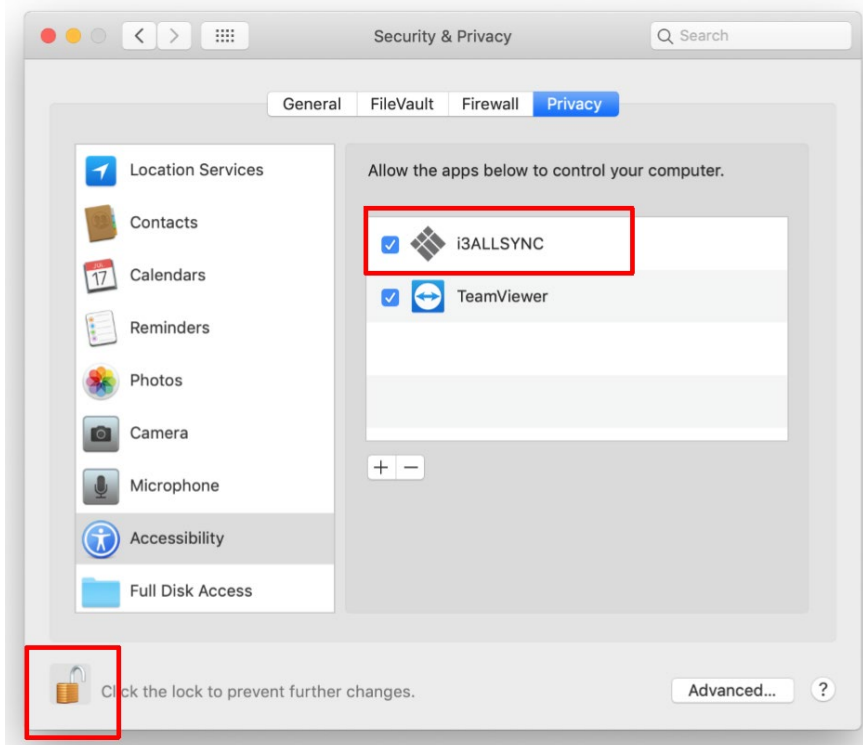
2. Step 2: select "Security & Privacy"



3. Select accessibility and enter admin's password for opening the lock

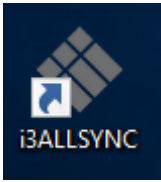


4. Select the i3ALLSYNC application and unlock the app



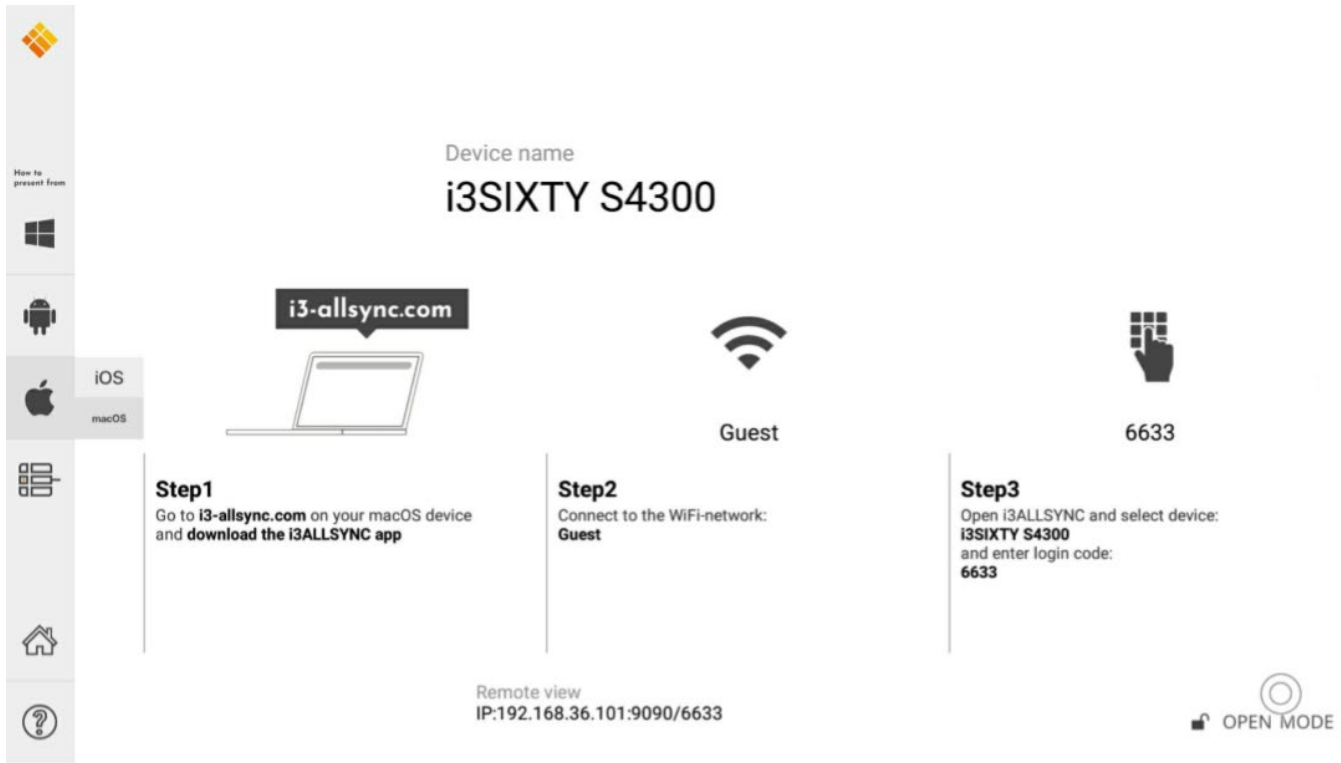
3-2-2 Launch I3ALLSYNC Mac software

Step 1. Launch the I3ALLSYNC software, the pairing wizard window shows up.



Step 2. Pairing one I3ALLSYNC to another I3ALLSYNC.

I3ALLSYNC transmitter (= the i3ALLSYNC app on your laptop or smartphone) should connect to the same network with the I3ALLSYNC receiver (=i3ALLSYNC on you i3TOUCH or i3HUDDLE). You can refer to the information on standby screen of I3ALLSYNC receiver.



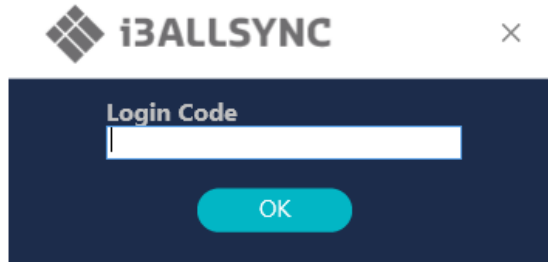
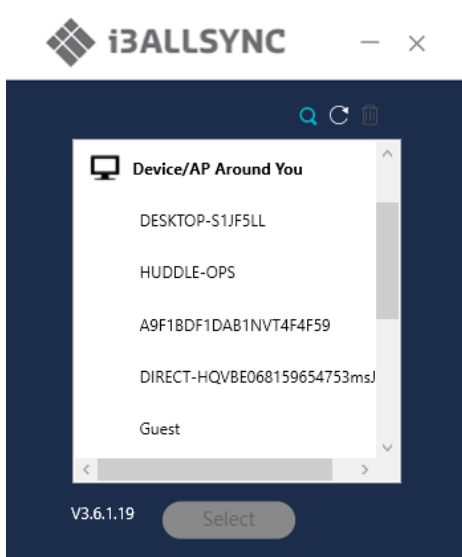
Depending on the connection status, 3 types of pairing method.

Type A	Client connects to the router via Wi-Fi I3ALLSYNC connects to the router via Wi-Fi or LAN
Type B	Client connects to the router via LAN I3ALLSYNC 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 I3ALLSYNC 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. I3ALLSYNC software can find the receiver device.

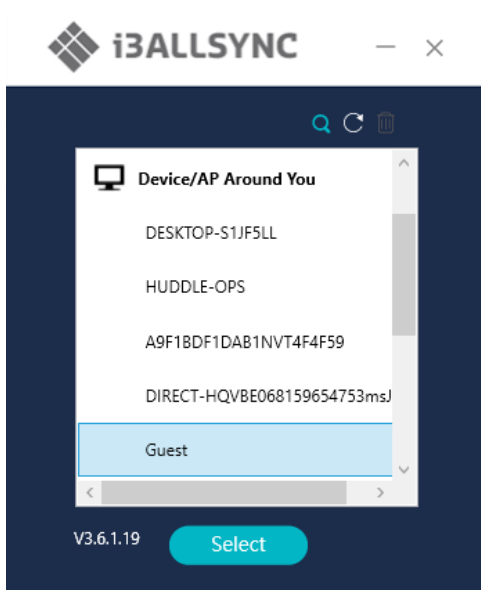
1. Select the correct receiver device which you are going to share your screen with.
2. Enter the Login Code. Press “Play” to start sharing screen.



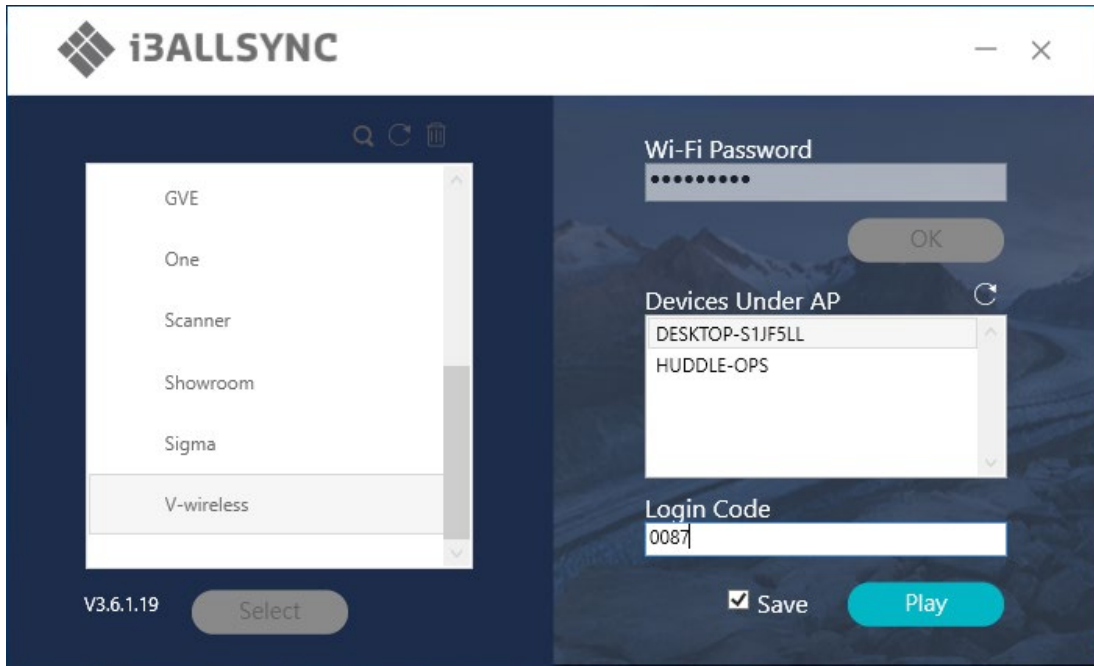
If you cannot find the device directly, here are some guides for different pairing methods.







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.



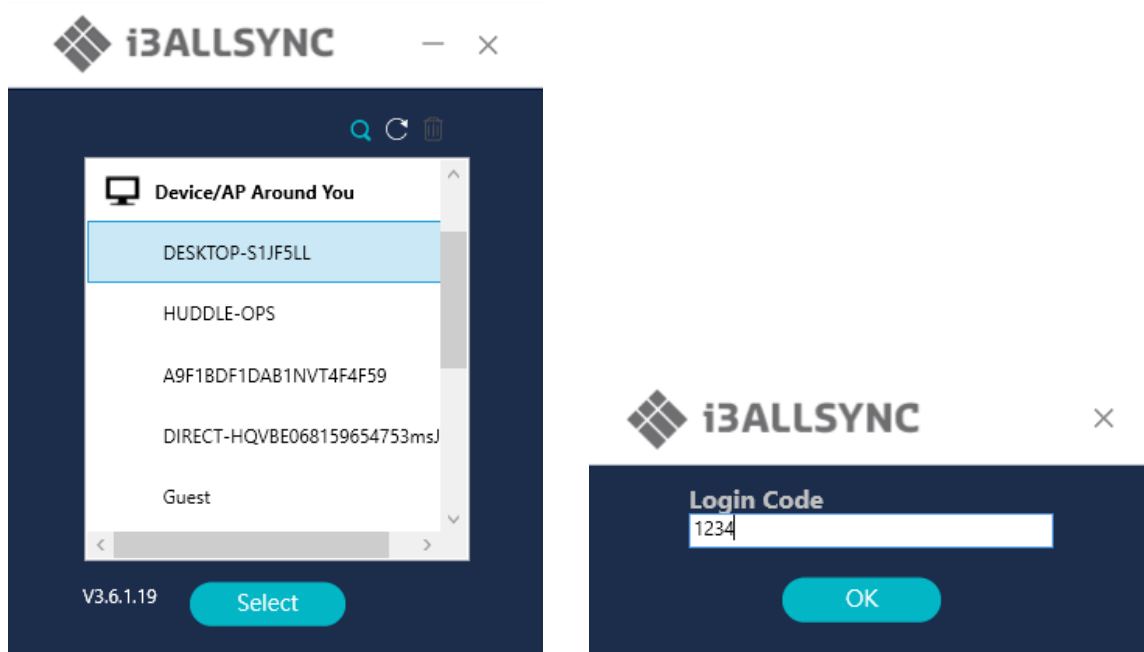
2. Enter the Wi-Fi password of the router and click “OK”.
3. Select the correct receiver device which you are going to share your screen with.
4. Enter the Login Code. Press “Play” to start sharing the screen.





Item	Description
	Device/AP Around You. Select the router you want to connect to. The I3ALLSYNC 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	Enter the Wi-Fi password you set in Soft AP mode
Device Under AP	I3ALLSYNC receiver name will be located and shown here.
Login Code	Enter the Login Code if you see it on I3ALLSYNC receiver.
Save	Save the pairing record in the client PC.
	Start the screen mirroring.

Type B. Client connects to the router via LAN

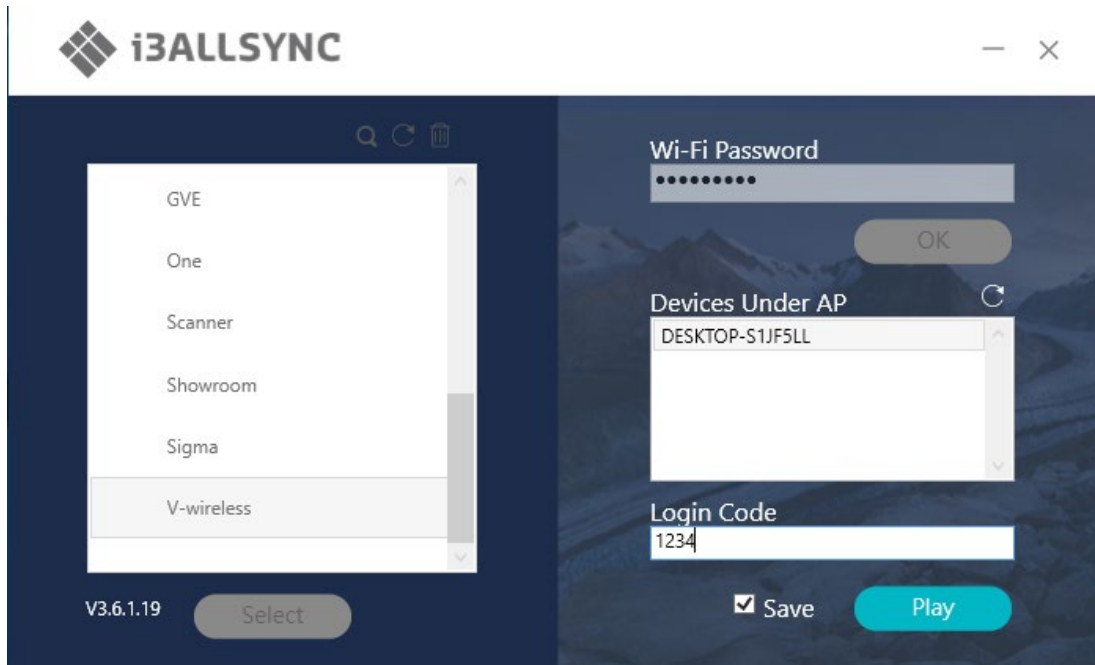
1. Select the correct receiver device which you are going share your screen with.
2. Enter the Login Code. Press "Play" to start sharing your screen.









Item	Description
	Device/AP Around You, the i3ALLSYNC 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.

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

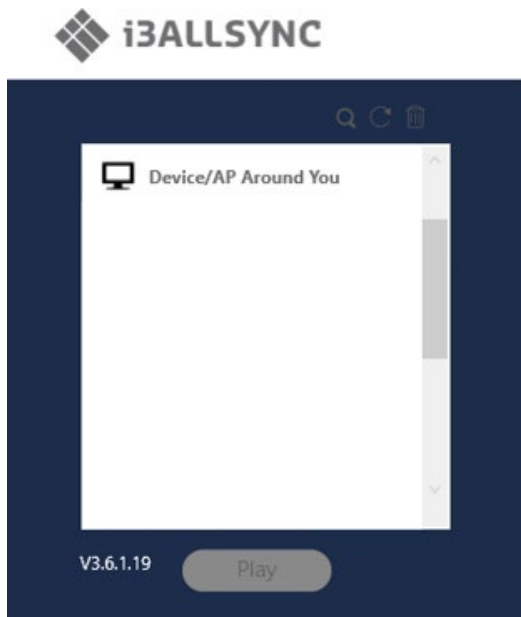
1. Select the WiFi router and click the “Select” button. The right pane will expand now.
2. Enter the Wi-Fi password of the router and click “OK”.
3. Select the correct receiver device which you are going share your screen with.
4. Enter the Login Code and press “Play” to start sharing screen.




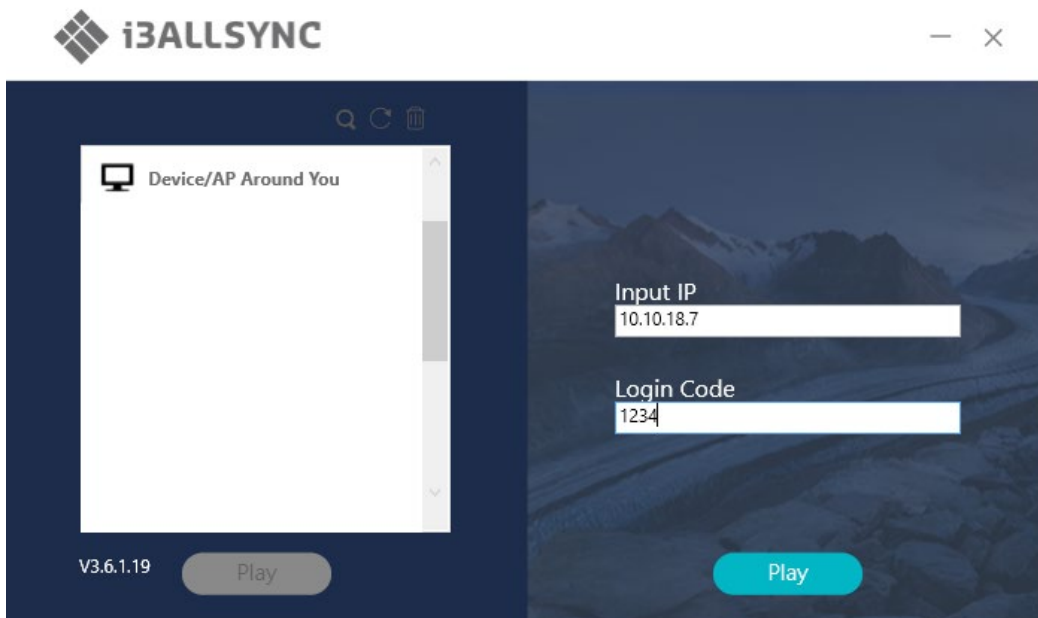
Item	Description
	Device/AP Around You. Select the router you want to connect to. The I3ALLSYNC receiver should be located behind this router.
	Find the receiver by IP.
	Refresh the list if the Wi-Fi router or device if it doesn't appear.
	Select the saved pairing record and discard it.
	Choose the router, click “Select” to connect.
Wi-Fi Password	Enter the Wi-Fi password you set in Soft AP mode
Device Under AP	I3ALLSYNC receiver name will be located and shown here.
Login Code	Enter the Login Code if you see it on I3ALLSYNC 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.

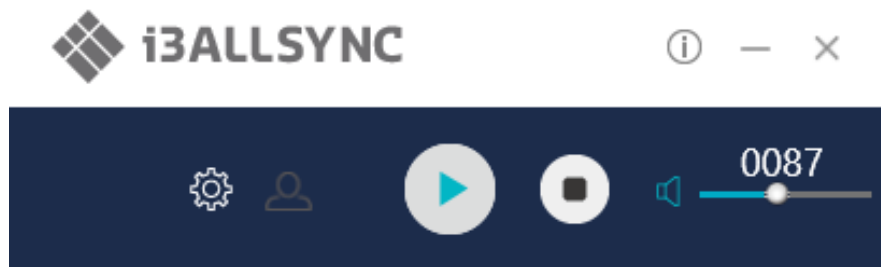













1. Click , the right pane will expand.
2. Enter the IP and login code. Press "Play" to start sharing your screen.




3-2-3 i3ALLSYNC Mac User Interface

Basic Mode — Main Panel




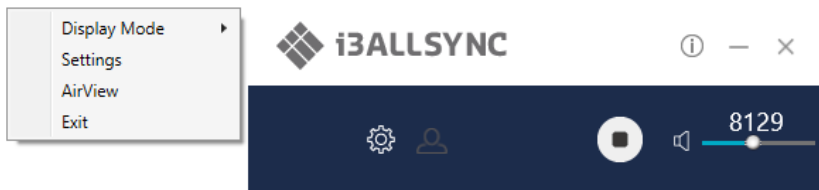
Item	Description
	Click to show the Version / Server IP / Server Name information
	Minimize the i3ALLSYNC control panel
	Close the i3ALLSYNC program
	Launch the Document Share
	Launch the Annotator
	Launch the i3ALLSYNC setting
	Launch the Conference Mode
	Press Play to start the screen mirroring. Press 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.

3-2-5 Annotator

Click , the annotator floating menu will be shown on the left upper-corner of your screen. This application gives you the opportunity to take notes on the display while you're sharing your screen. When you're done with taking notes, you can simply save and share your notes via several options, like directly download as PDF, send it to your e-mail,...

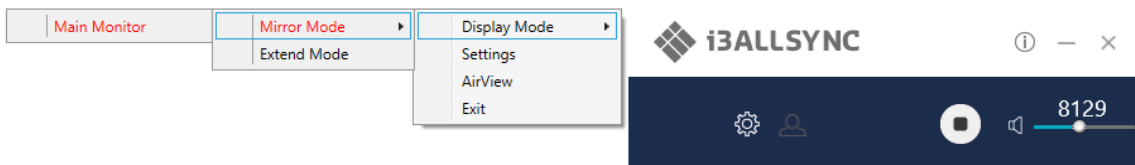
3-2-6 Settings

Click  to see the setting menu.

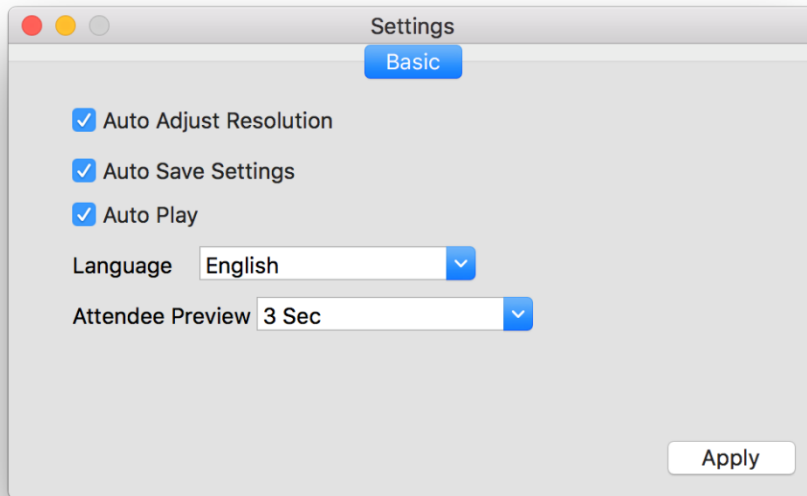


1. Display Mode

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.



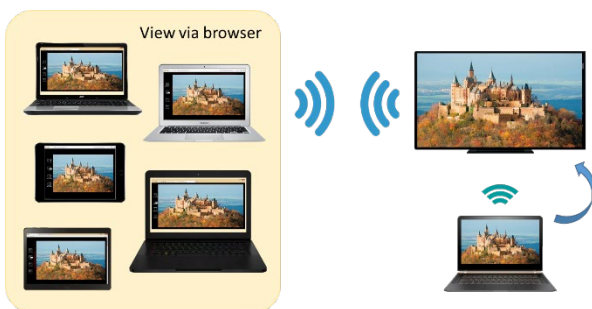
2. Settings - I3ALLSYNC advanced settings



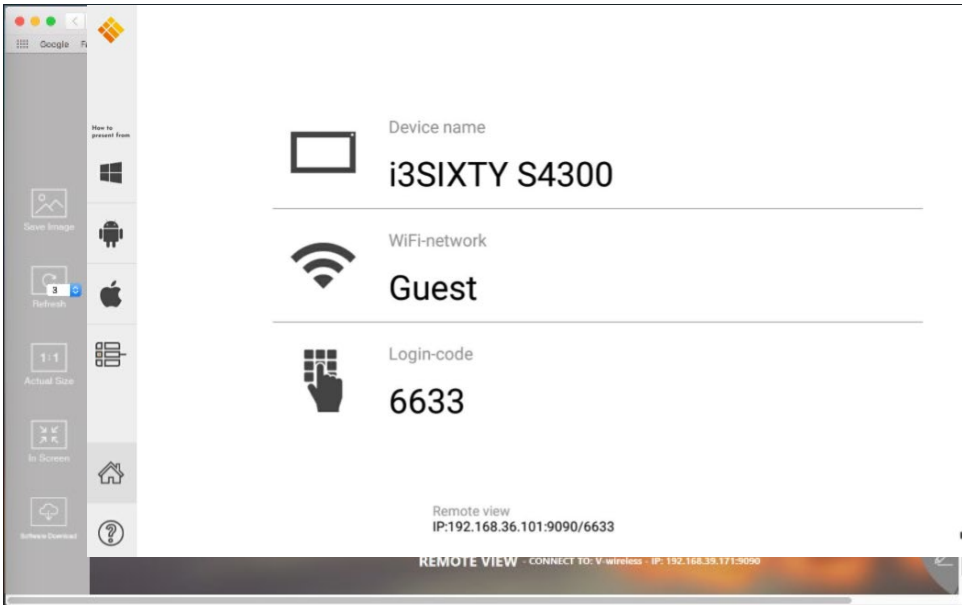
Item	Function Description
Auto Adjust Resolution	Apply the receiver output resolution to the transmitting PC.
Auto Save Settings	Save these settings automatically.
PowerPoint Presentation Mode	Use HW encoding to get better mirroring performance.
Auto Play	Start the screen mirroring automatically after connecting to the receiver.
Language	Select the i3ALLSYNC application language. (Need to restart to apply the changes)
Attendee Preview	Set the period of Attendee List Preview update. Only effective when Conference Mode enabled.

3. Remote View

Remote View 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 i3ALLSYNC software, they can also use the browser to see the slide show. Enter the IP of the receiver and select Remote View. Then watch the shared screen via browser temporarily.



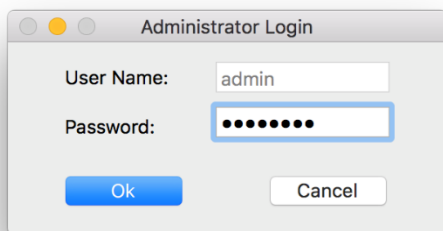
4. Exit

Close the I3ALLSYNC software.

3-1-7 Conference Mode

Click on  and enter the conference password to switch to Conference Mode.

The default password is "adminpwd".



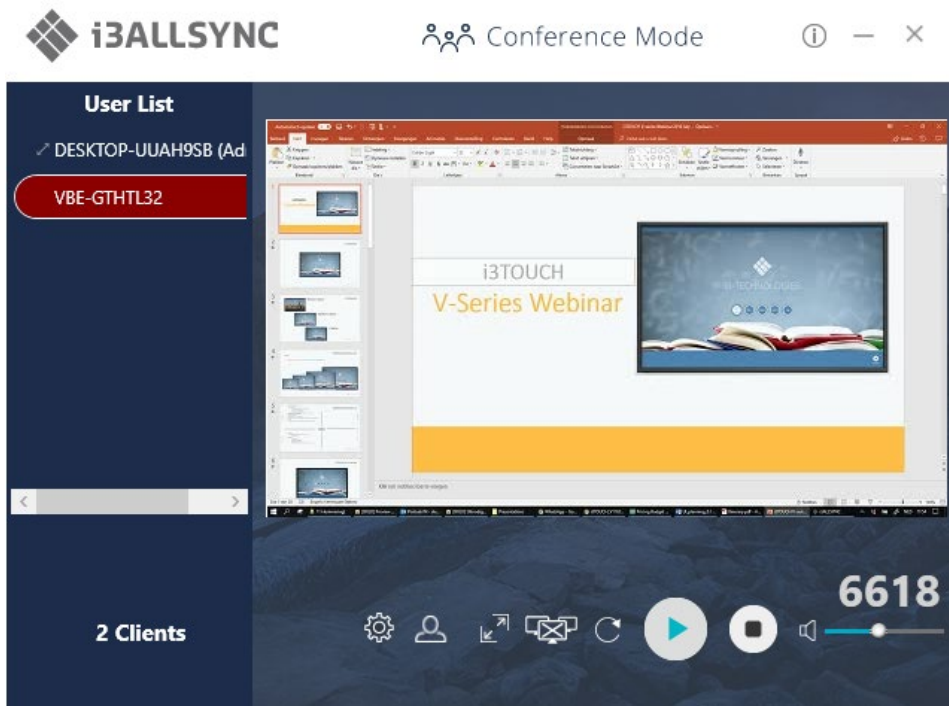
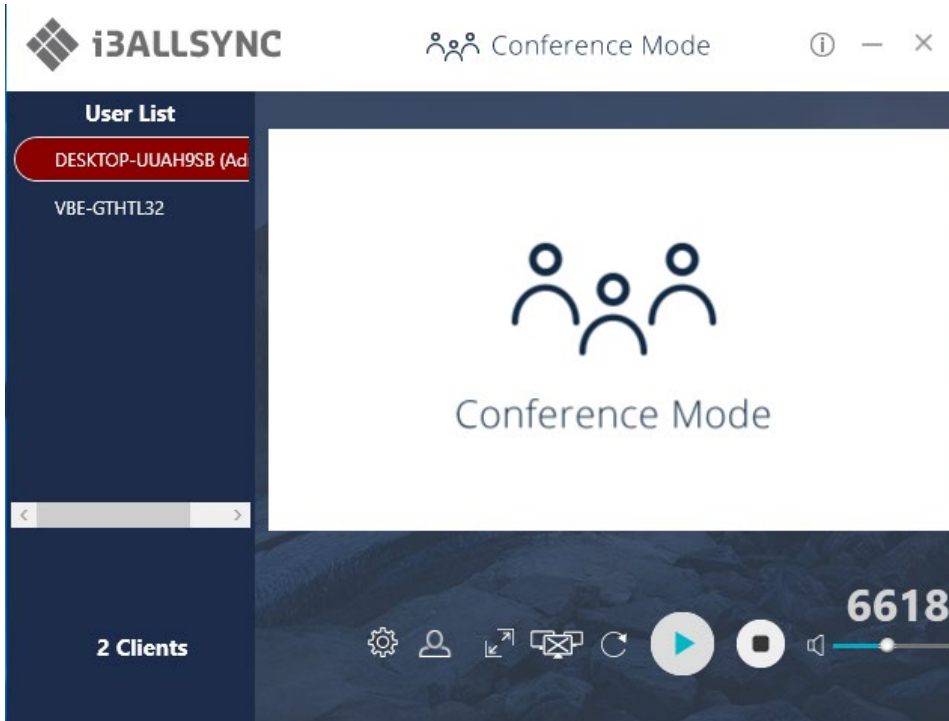
Conference Mode

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.

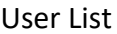




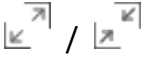






Admin's Panel

Select a client to preview the screen.

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

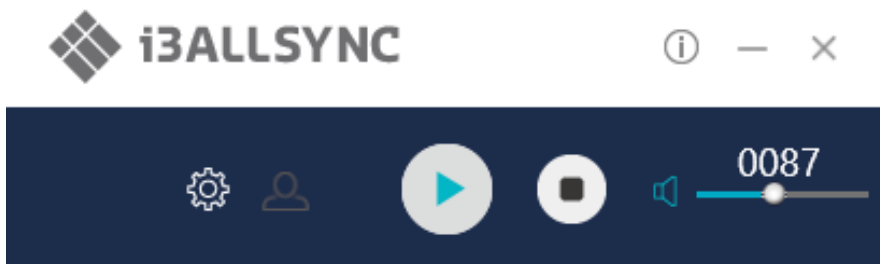


Item	Description
	Click to show the Version / Server IP / Server Name / Radio Band
	Minimize the I3ALLSYNC control panel
	Close the I3ALLSYNC

	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 i3ALLSYNC 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 his screen. Admin have the initiative to manage which client can share there screen.





Manage Multi-Screens Mirroring


i3ALLSYNC Share supports 4 split-screen mirroring function. Admin can use i3ALLSYNC Conference Mode panel to manage max 4 clients mirroring on the i3ALLSYNC receiver.

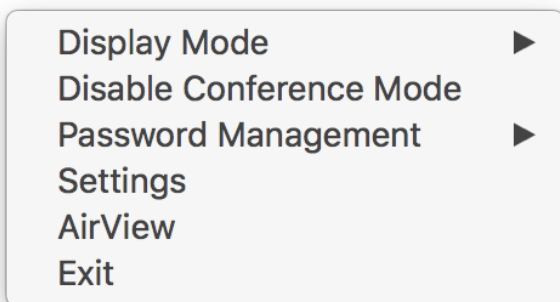
1. Select a client and press Play button to share the client's screen.
2. Add other clients to join in split screen.
3. Click  or  to Zoom In/Out the client screen.

Icon	Function Description
	Zoom In If the client is mirroring in split screen, click to zoom it to full screen mirroring.

	<p>Zoom Out</p> <p>If the client is mirroring in full screen, click to zoom out to the original split screen size.</p>
	<p>Stop All</p> <p>Stop all the mirroring screens, no matter how many split screens are mirroring.</p>

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 to go 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	i3ALLSYNC advanced settings
Remote View	Open the browser to see the shared screen on the receiver. (Slide show)
Exit	Close the i3ALLSYNC software.

3-3 i3ALLSYNC iOS Transmitter

iPhone users are recommended to use Airplay for screen mirroring. This function is integrated in every iPhone and do not have to be installed.

- For iPhone X or later or iPad with iOS 12 or later: swipe down from the upper-right corner of the screen, select ‘Airplay mirroring’ and enter the login code which can be found on your display in step 3

- For iPhone 8 or earlier or iOS 11 or earlier: swipe up from the bottom edge of your screen, select 'Airplay mirroring' and enter the login code which can be found on your display in step 3

3-4 i3ALLSYNC Android Transmitter Application

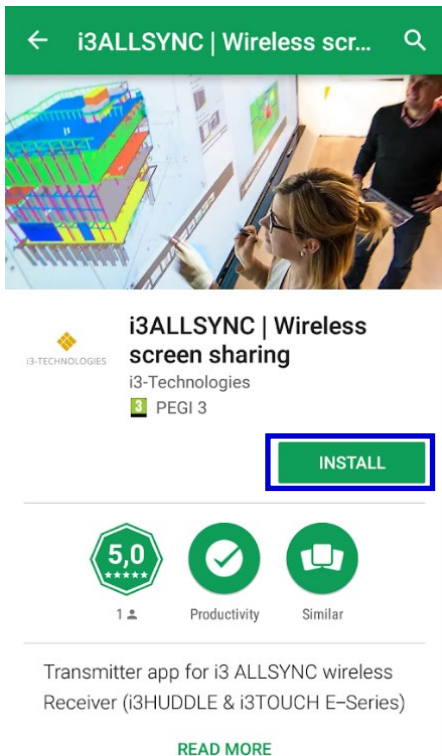


We call it the transmitter application because the screen of your android device will be mirrored on the i3TOUCH, i3HUDDLE or i3SIXTY, which will function as receiver. As mentioned before, the i3ALLSYNC Receivers application is already pre-installed on your i3TOUCH, i3HUDDLE or i3SIXTY.

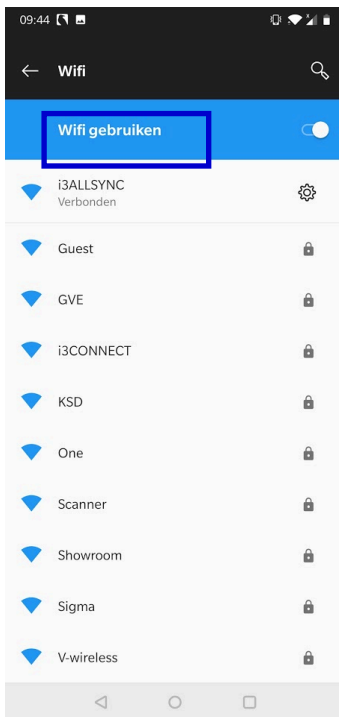
NOTE: Chromebooks **with Android OS** are also compatible with the i3ALLSYNC Android application. Be aware, that Chromebooks with Chrome OS aren't compatible with the i3ALLSYNC Android application since the Chrome OS isn't Android supported.

3-4-1 Download i3ALLSYNC Sender Android Transmitter Application

Download I3ALLSYNC Transmitter app easily from Google PlayStore via the QR code on your receivers screen or go to:i3-allsync.com. Your last option is to install the app with APK.

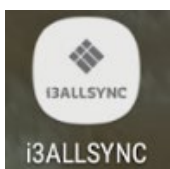


Connect to the same network with the i3ALLSYNC receiver, before opening i3ALLSYNC transmitter.

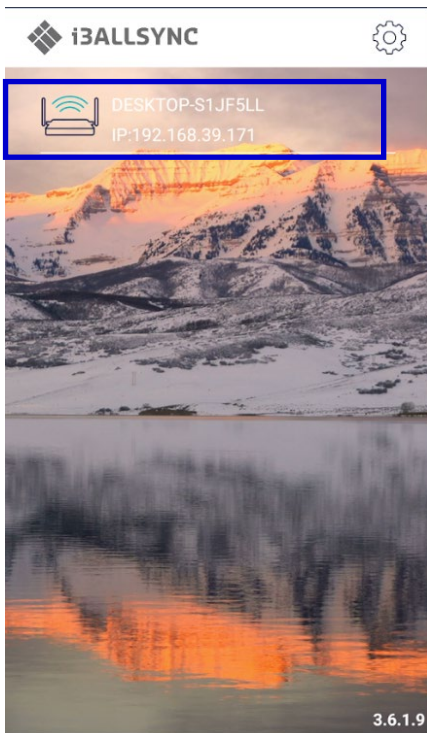


3-4-2 Start Using i3ALLSYNC Sender and I3ALLSYNC

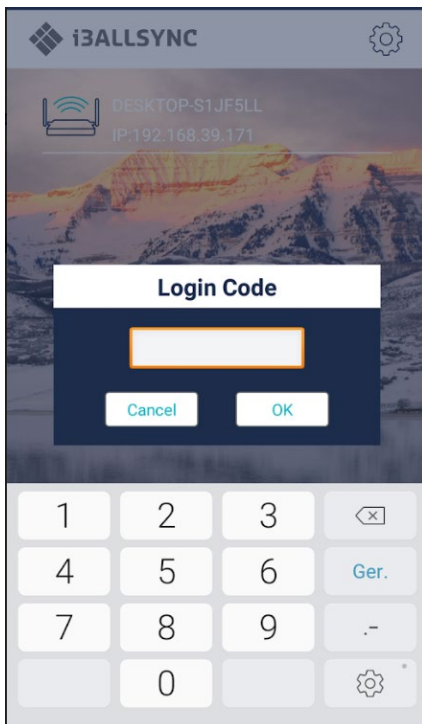
Run I3ALLSYNC transmitter app.




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

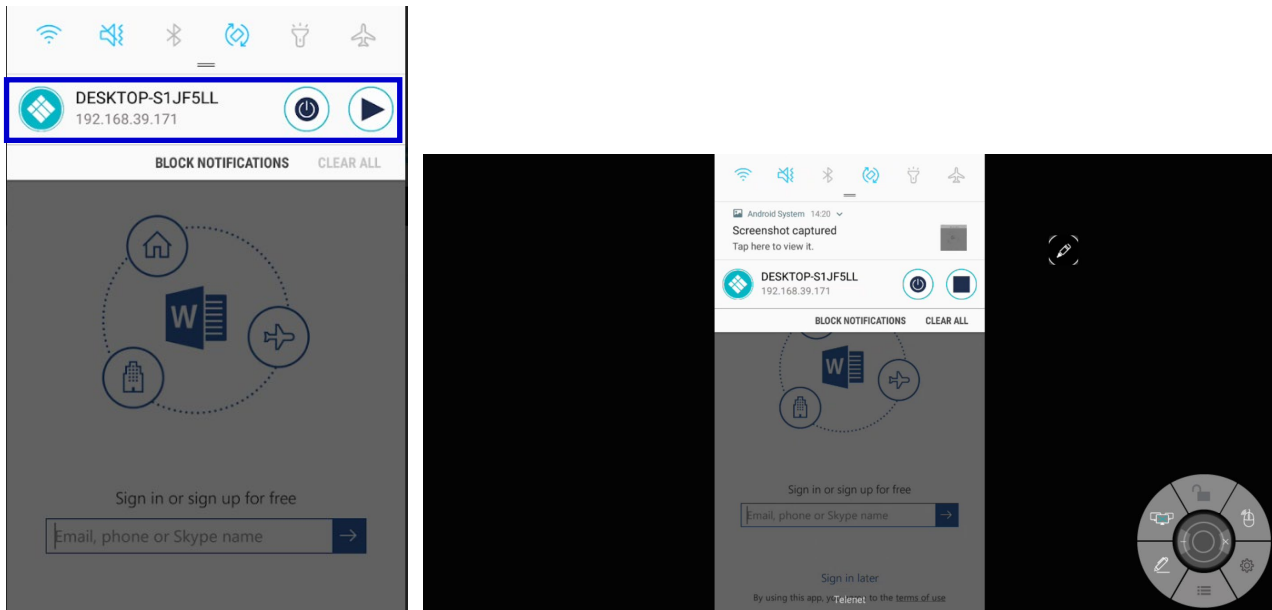


Enter the Login Code. Press “Play” to start sharing screen.







Swipe from the top of the screen to show up the notice bar. Press  play button to start sharing your

screen. You can see your screen sharing on I3ALLSYNC Receiver.



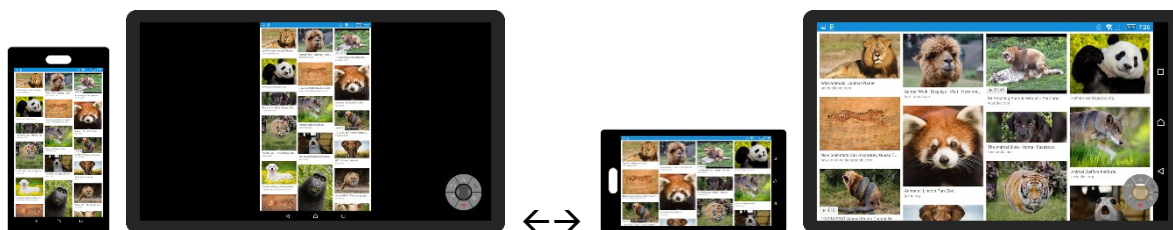
3-4-3 Control Panel on Notice Bar



Item	Description
	Icon on notice bar which indicates the app is running
 / 	Play / Stop sharing screen
	Exit I3ALLSYNC Sender
Receiver Device	The device name or receiver name of I3ALLSYNC Receiver
IP	The IP address of the I3ALLSYNC Receiver device


Auto-Rotate

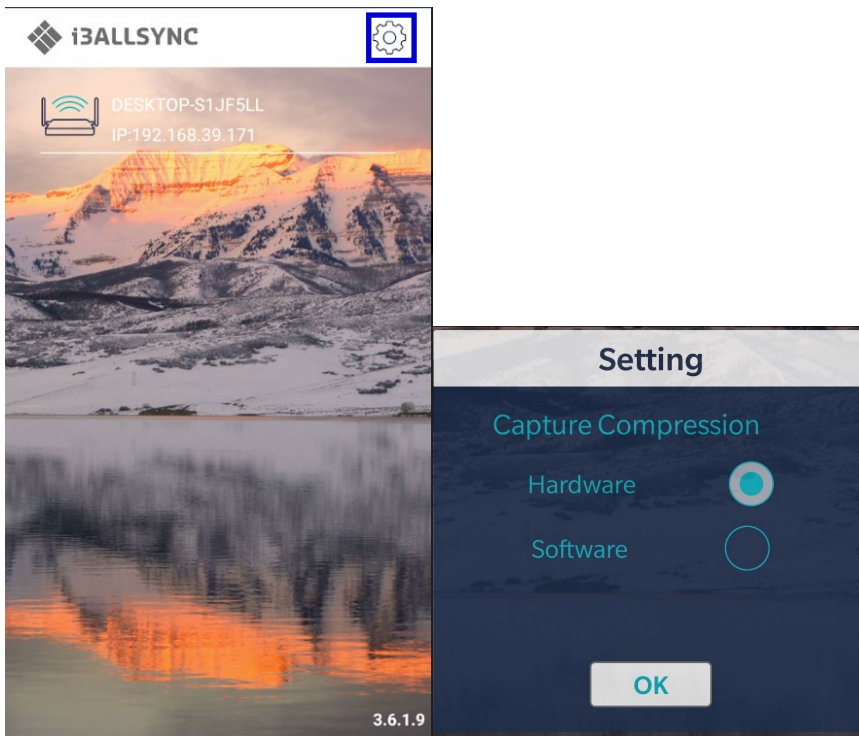
You can rotate your phone or tablet to vertically / horizontally, I3ALLSYNC Sender supports auto-rotation of screen.



3-4-4 Settings

You can set up some configuration before you start sharing your screen

Click on  to open the setting dialog window



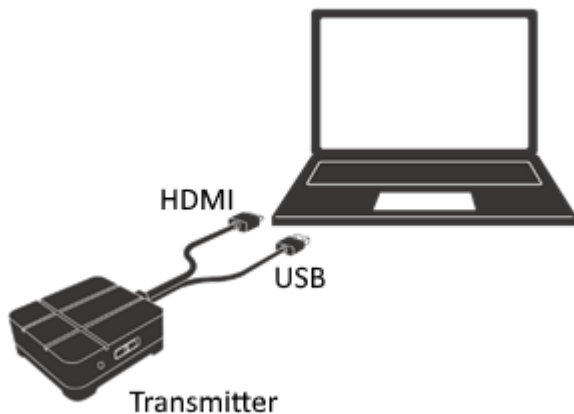
Item	Description
Hardware	Select to enable hardware encoder, better streaming performance (default)
Software	Select to use software encoder.

3-5 i3ALLSYNC HDMI Transmitter



3-5-1 How to use the i3ALLSYNC HDMI transmitter

1. Connect the i3ALLSYNC HDMI transmitter to your device



2. Activate the i3ALLSYNC app on your i3TOUCH, i3HUDDLE or i3SIXTY. When a constant green light appears, the device is ready to mirror.
3. Press the main button to mirror, the main button will change into blue. When your main button is blinking green, then your HDMI Transmitter is still making connection with your i3ALLSYNC

Receiver on your i3TOUCH, i3HUDDLE or i3SIXTY. Wait for a constantly green main button.

3-5-2 How to pair

When u use the i3ALLSYNC HDMI transmitter for the first time, you have to do a little pairing process before you can start screen sharing. But be aware that the pairing process only has to be done once. After this process you can just connect the HDMI transmitter to your laptop, press the main button and your screen will be mirrored.

1. Activate the i3ALLSYNC app on your i3TOUCH, i3HUDDLE or i3SIXTY



2. Open the 'wheel menu' in the lower right corner and select the "settings" icon .

Choose in the right upper corner the option "WiFi HDMI Tx Pairing" and follow the indicated steps on your screen and as described below:



Step1
Plug in the USB and HDMI cable.

Step3
Push the green light

Settings

Software Server Name: iSIXTY S4300

WiFi HDMI Tx Pairing

Login Code: [Redacted]

Login Code Switch: Random

Basic Mode Overwrite: On

Attendee Preview: 3 (Sec.)

Version: 3.6.3.11 Up to Date

Serial Number: 7LJ5N-R75YW-V8DK2-6D7EJ-FQ3GA-JXNJP

Connect To: [Redacted] ✓ Auto

Network Priority: WiFi

Enable UFHD: Off

Enable AirView: On

Apply

Remote view
IP:192.168.36.101:9090/6633

3. Press 'next'



Step1
Plug in the USB and HDMI cable.

Step3
Push the green light

Device name
iSIXTY S4300

Pairing Setup

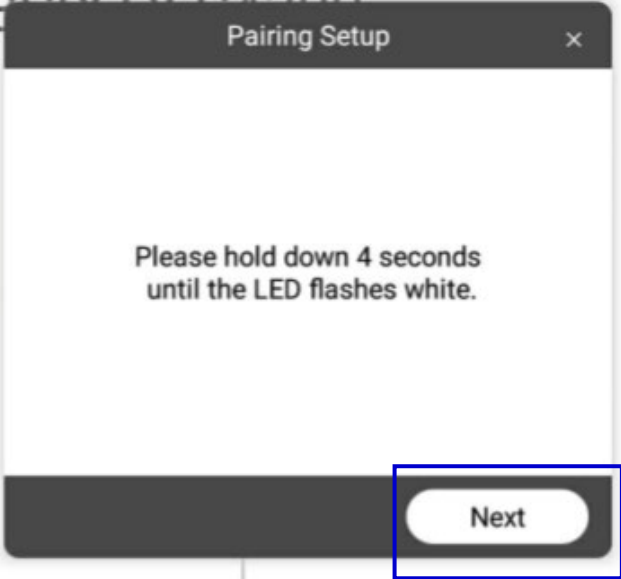
It's going to process wireless pairing.

Next

Remote view
IP:192.168.36.101:9090/6633

4. Press and hold down the main button for 4 seconds until the main button flashes white. Press 'next' when your main button is flashing white.


Device name
i391XTV 04200




Pairing Setup

Please hold down 4 seconds until the LED flashes white.

Next



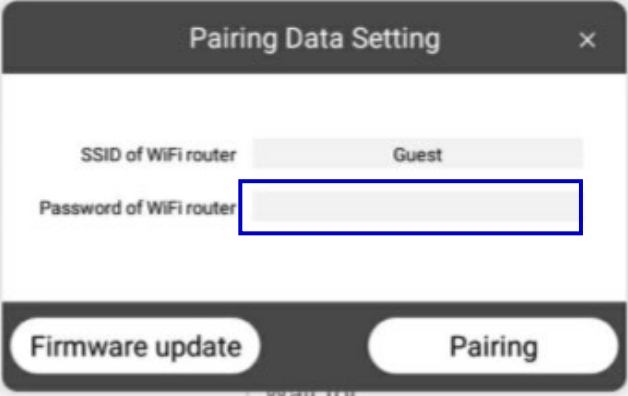
Step1
Plug in the USB and HDMI cable.



Step3
Push the green light

Remote view

5. Enter the password of your WiFi network and click on 'pairing'




Pairing Data Setting

SSID of WiFi router


Password of WiFi router

Firmware update Pairing

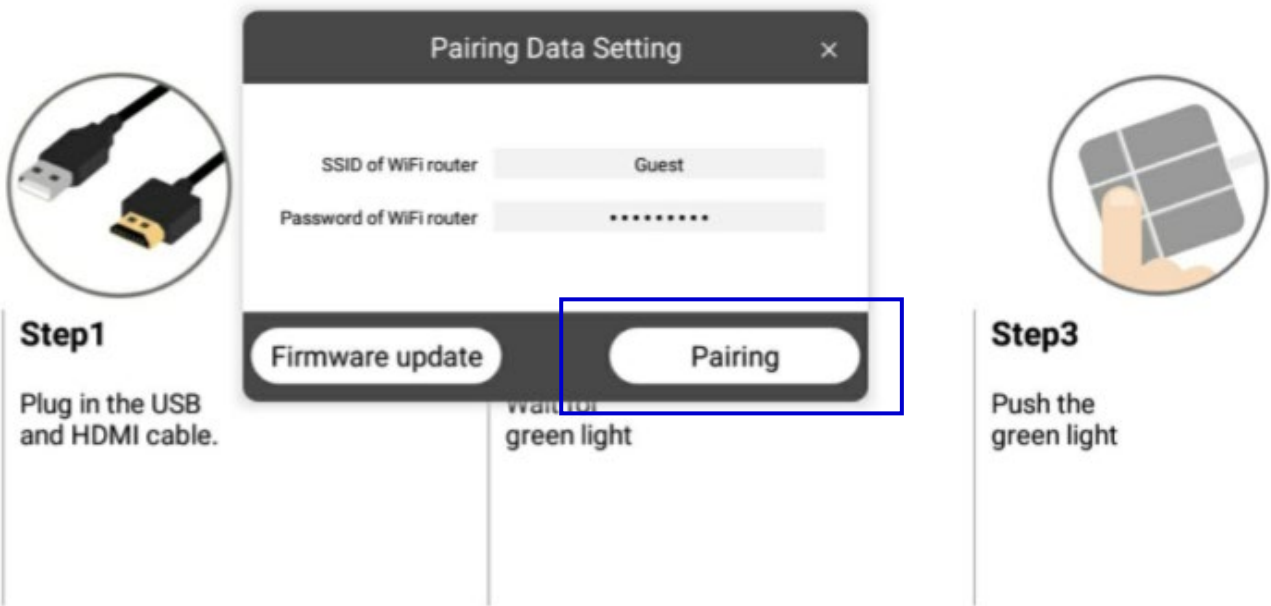


Step1
Plug in the USB and HDMI cable.

wait for green light



Step3
Push the green light



Pairing Data Setting [X]

SSID of WiFi router: Guest

Password of WiFi router:

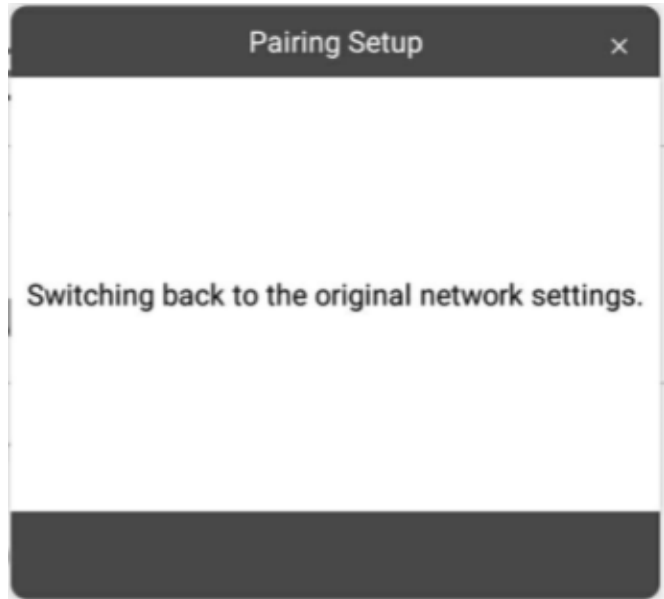
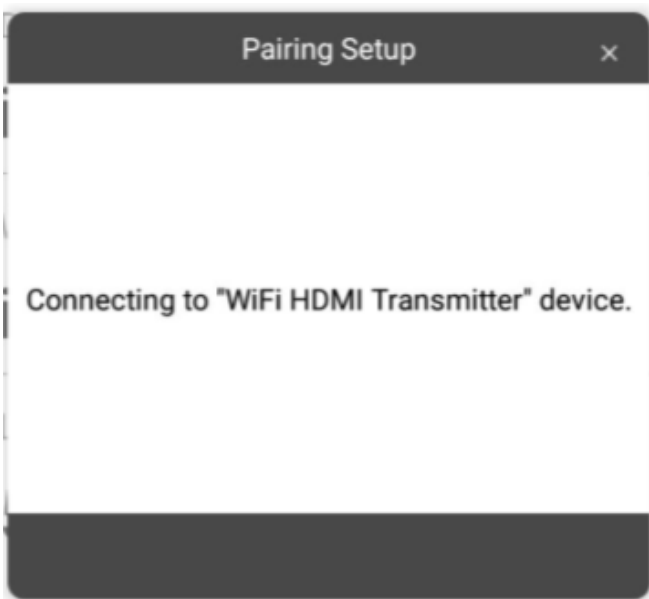
[Firmware update] [Pairing]

Step1
Plug in the USB and HDMI cable.

Step2
Wait for green light

Step3
Push the green light

6. Now your HDMI Transmitter and the i3ALLSYNC receiver will pair.





After this procedure, the auto pairing is complete. Wait for a constantly green light, then press the main button and your screen will be mirrored.

Please refer to our website for more information about the i3ALLSYNC HDMI transmitter and it's manual:
<https://www.i3-technologies.com/>

Chapter 4: Troubleshooting

Troubles with the license of the i3ALLSYNC Receiver?

What can you do:

- Check if you're connected with the internet
- Using the receiver for the first time? Please insert a LAN cable.
- Make sure you're connected with the internet and restart the device

Isn't the problem solved? Please contact our service team.

Network issues with your i3ALLSYNC Touch HDMI transmitter?

You're trying to pair the hardware transmitter with the software receiver but the main LED keeps blinking green? Please check with your IT manager if the WiFi network is 2.4 GHz. The transmitter can't work on a 5.0 GHz network.

If you would like to have some more information about how to use the i3ALLSYNC solution in combination with the network, then please refer to Chapter 5: i3ALLSYNC Advanced Network Configurations.

Note: when your i3TOUCH or i3HUDDLE or i3ALLSYNC Touch receiver recently switched from WiFi network, then please close your allsync application and restart it again.

Note: are you using the i3ALLSYNC Touch receiver for the first time (= hardware solution), and you're having some troubles with the license check or Wi-Fi? Then please unplug the power from your device, connect the LAN cable and connect it again with the power supply. After the device started up successfully, then you can remove the LAN cable and choose for Wi-Fi or its local network (hotspot).

Touchback issues

The touchback on my interactive touch display isn't working? Please be aware that the touchback function only works when you are screen sharing with:

- The i3ALLSYNC HDMI **Touch** transmitter (hardware solution)
- The i3ALLSYNC windows transmitter (software application)
- The i3ALLSYNC macOS transmitter (software application)

Applications which do not support touchback:

- The i3ALLSYNC Android transmitter (software application)
- Airplay for iOS and macOS
- The i3ALLSYNC HDMI Transmitter (hardware solution)

What can you do when the touchback doesn't work:

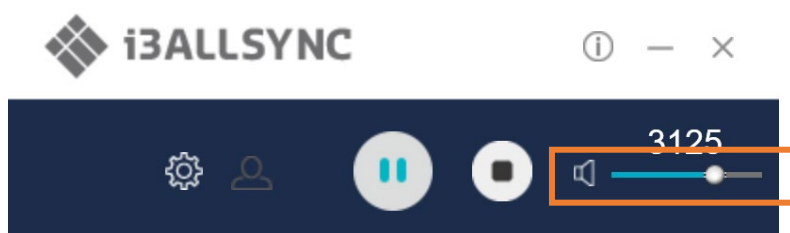
- Please make sure that the touchback is enabled on the receiver (refer to page 9)

- Please make sure that the USB for touchback is connected properly
- Still no touchback? Please shut down the device and restart it.
- When none of above solutions worked, please contact our service and support team

No sound

Your screen sharing but there is no sound on your touch display?

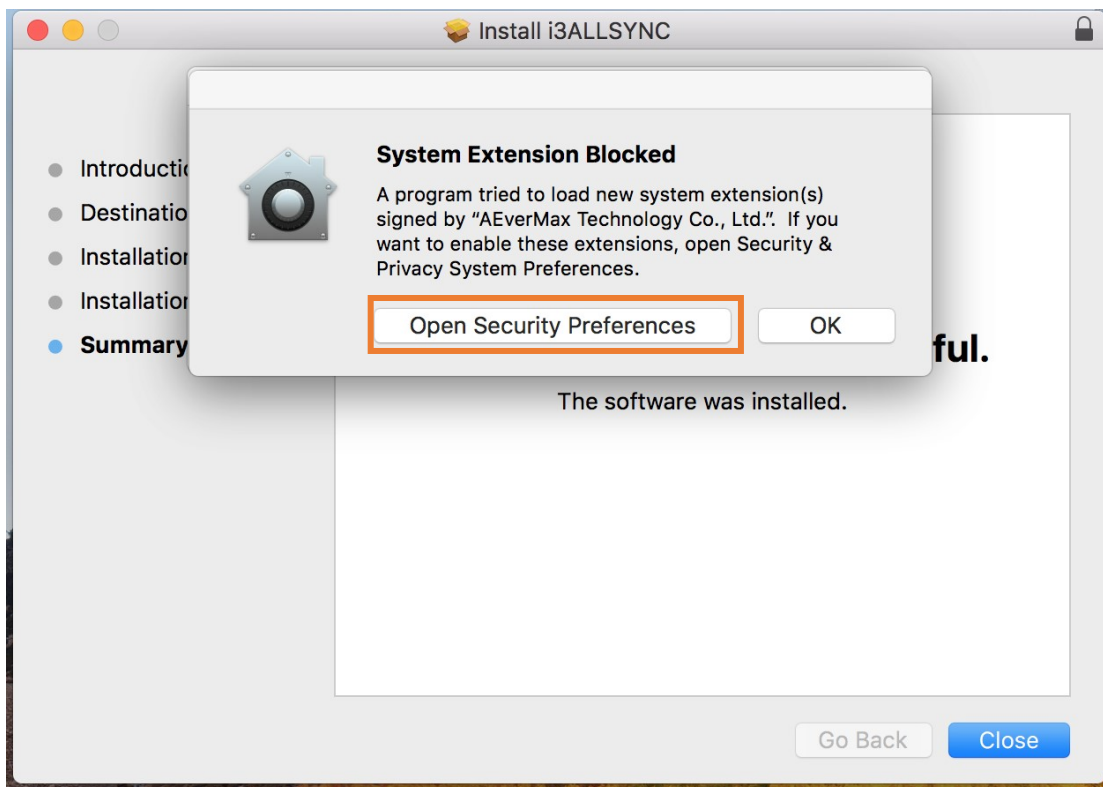
- Please check if the sound of your touch display is loud enough. Turn up the volume of the touch display
- Using the i3ALLSYNC software transmitter? Please check if the volume of your application is open.



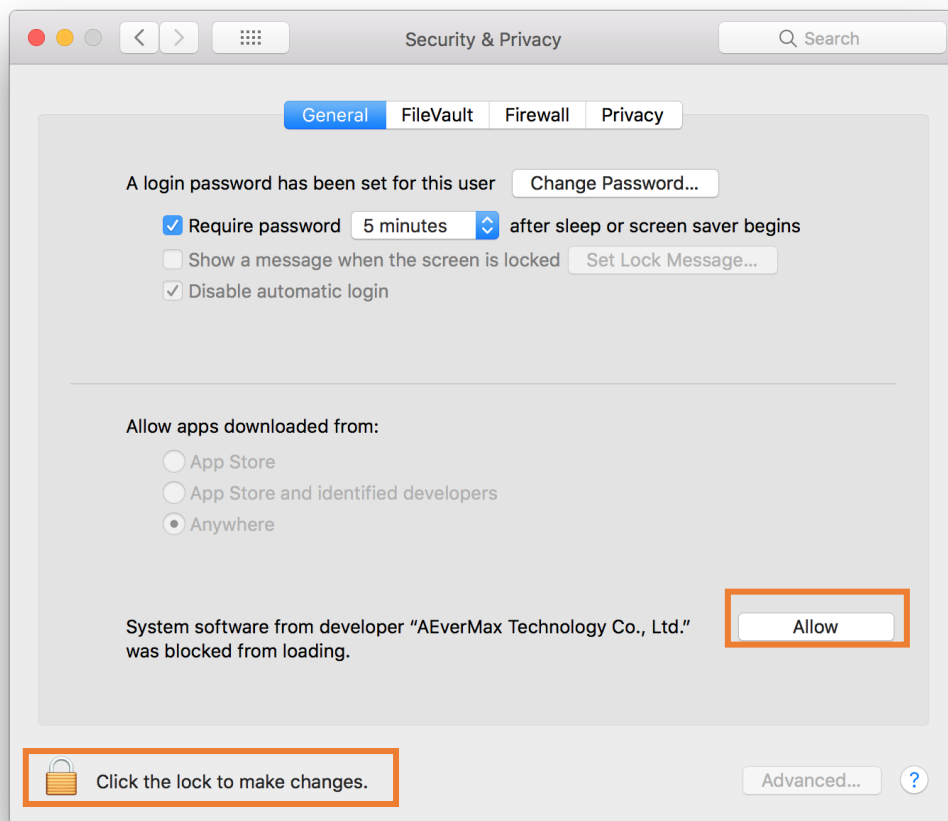
- Check in the settings of your laptop if it's using the speakers of the interactive touch display
- If the problem is solved by checking these issues? Then please take contact with our service team

Mac permission settings

Above macOS 10.13, it will require permission to execute software on Mac. If the permission is not open, it will cause the projection without sound of i3ALLSYNC. When you installed the i3ALLSYNC app on your mac for the first time, Mac will ask permission as below. Choose Open Security Preferences



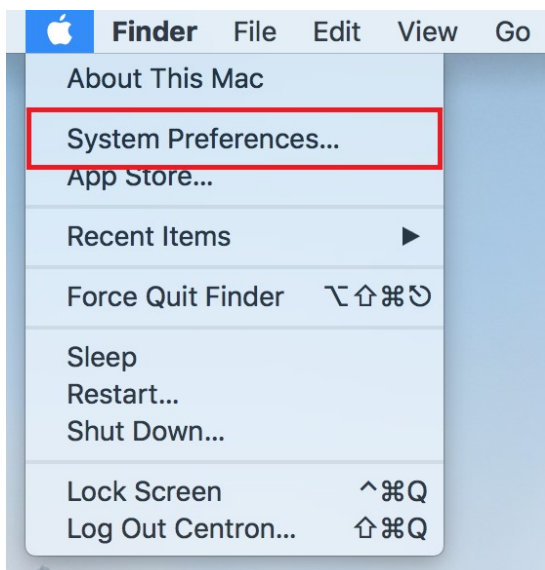
Now click the lock icon to unlock it, then choose "allow"



Mac permission settings

How to turn on permissions if I didn't allow permission when I installed the software?

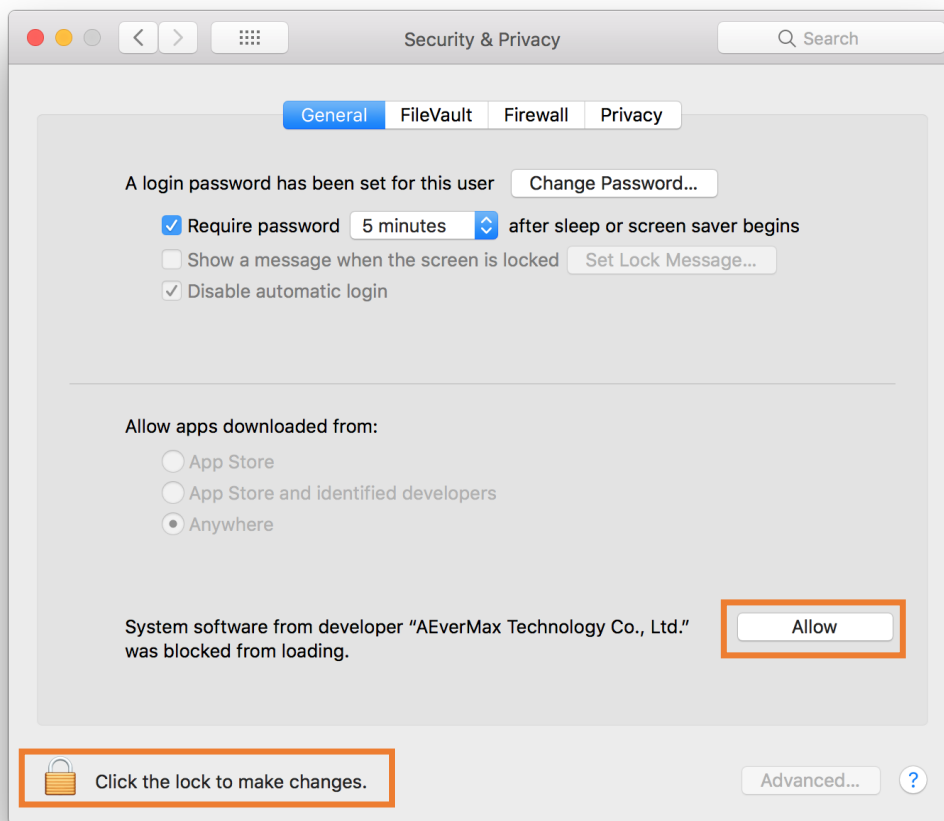
- Go to "system preferences"



- Select "security & privacy"

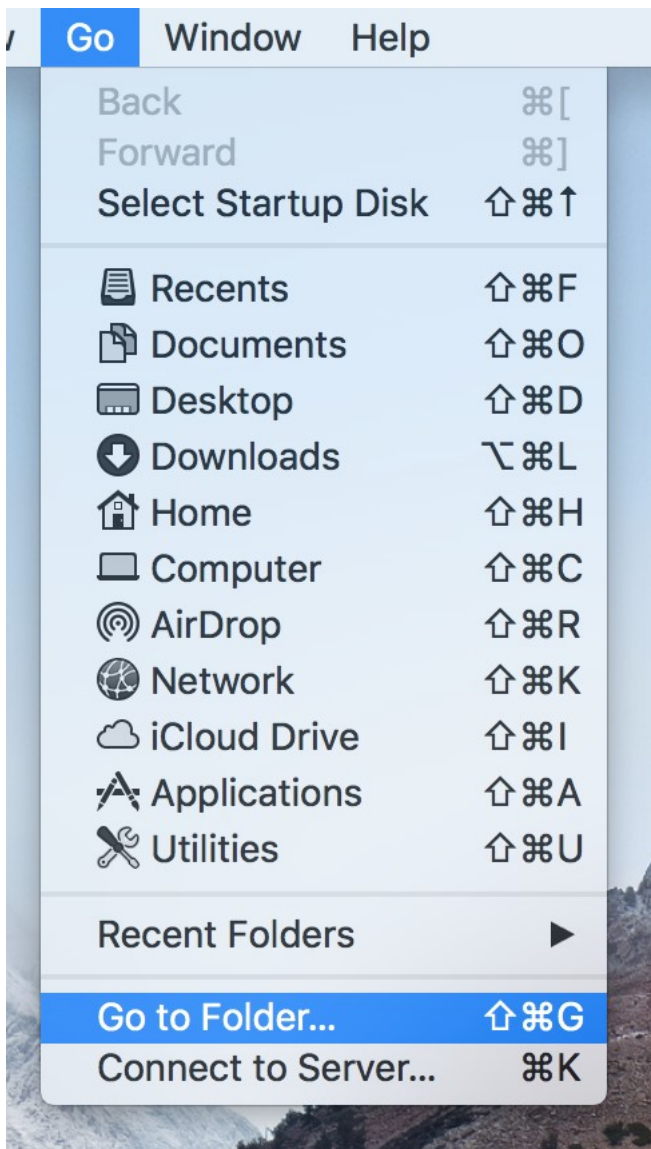


- Choose the tab “general” and click the lock icon to unlock it, then choose “allow”

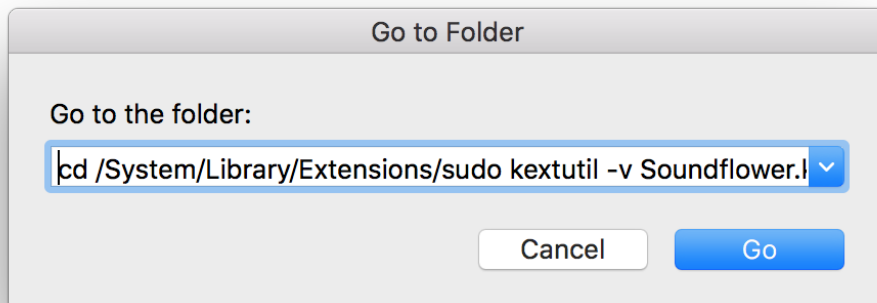


No sound with macOS software transmitter

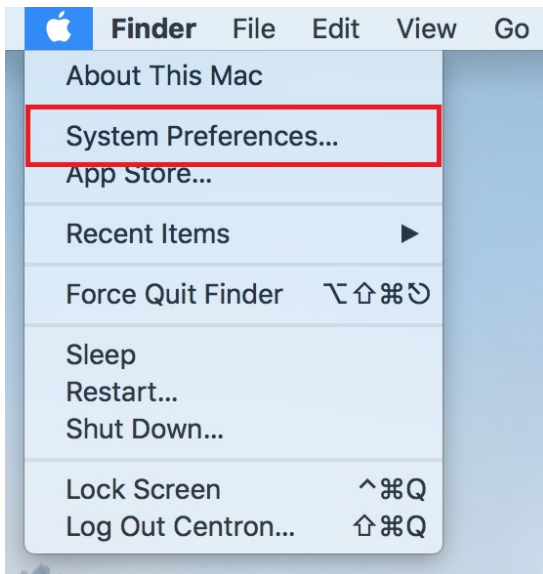
Step1: Go\Go to Folder... (see image)



Step2: Enter `cd /System/Library/Extensions/sudo kextutil -v Soundflower.l` Select Go after entering.



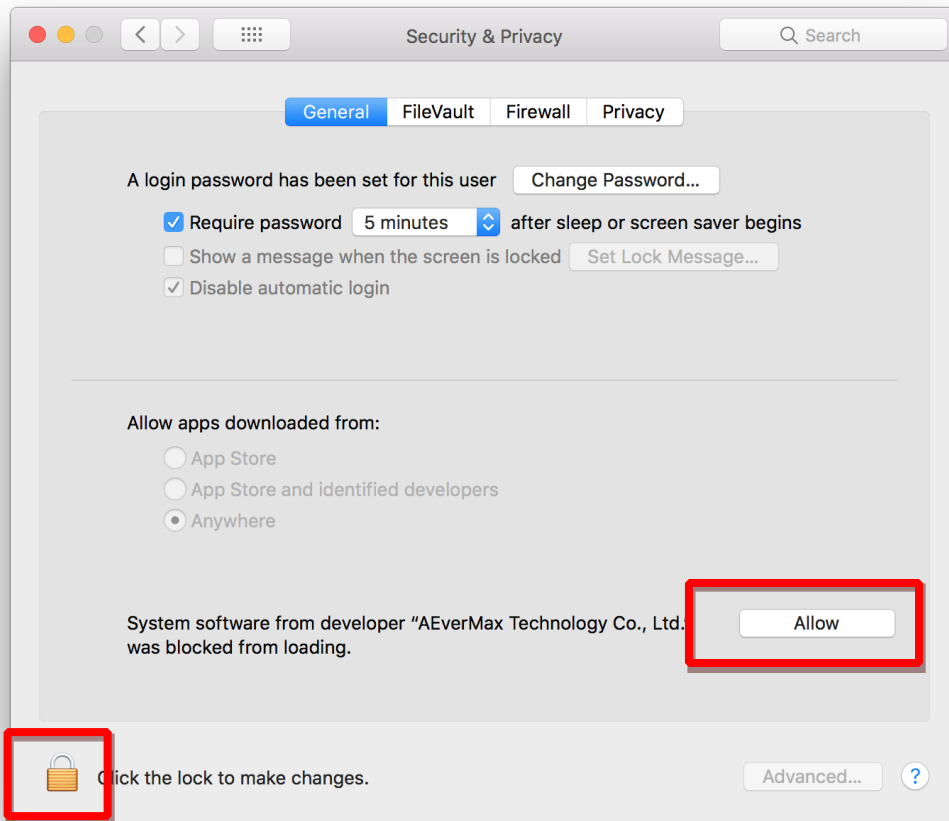
Step3: Select System Preferences.



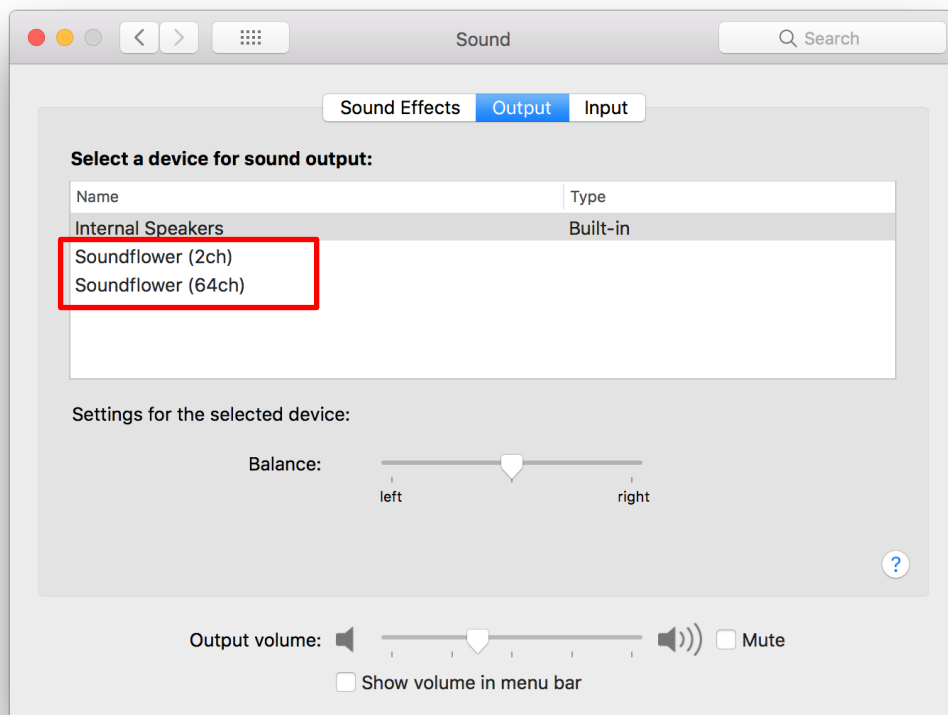
Step4: select 'security & privacy'



Step5: Select Allow after unlock the lock.

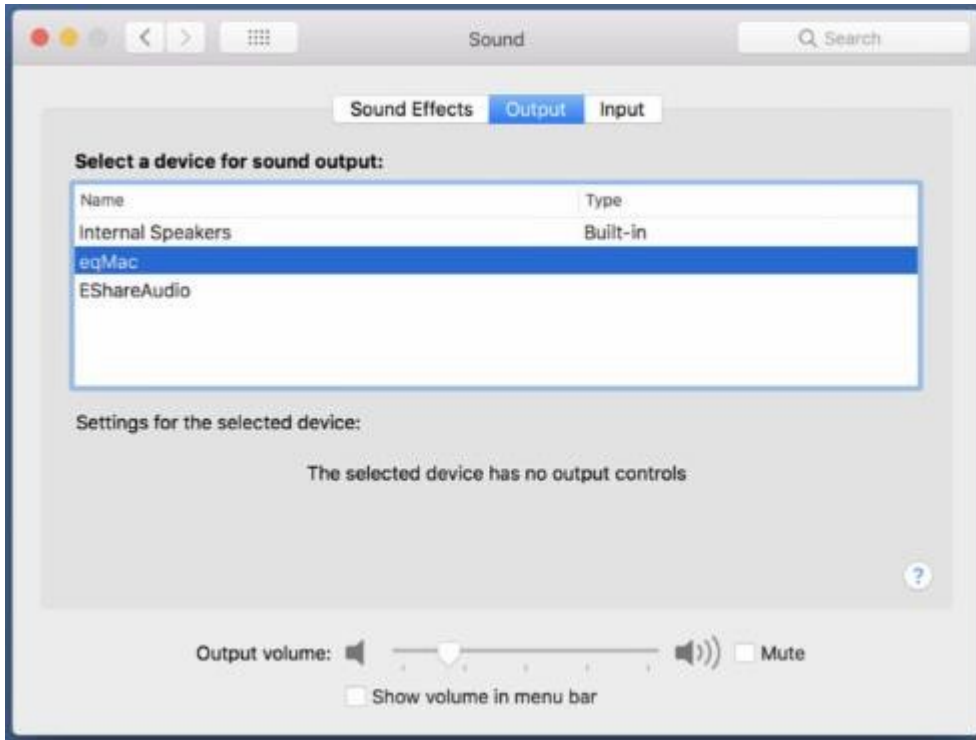


Step6: Please check if there's Sound Flower in the sound device of MAC output, if so, that means install successfully.



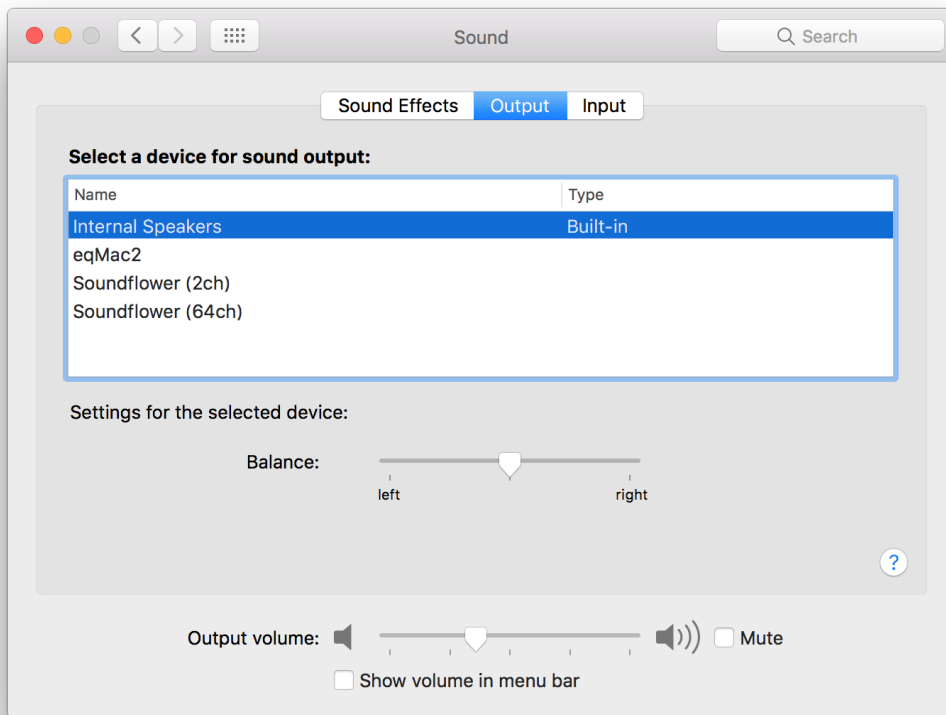
If following the steps above but still can't install Soundflower, please check the following situation:

If there are other virtual sound cards in the MAC audio device, please refer to the following image



It is currently known that the eqMac audio software has the same driver as the Soundflower. If the eqMac has been installed first, it will cause the failure of Soundflower installation.

Remark: The new version of eqMac: eqMac2 won't conflict with the Soundflower. Users are advised to remove the eqMac, install eqMac2, and reinstall the MAC TX software to install Soundflower.



Other problems?

Please contact our customer service team, they will be pleased to help you out.

Chapter 5: i3ALLSYNC Advanced Network Configurations

Introduction

In large organizations it is most likely that the i3Allsync receiver and transmitter are connected to different subnets. If those subnets do not allow broadcasts or peer-to-peer connections between them, additional network configuration will be necessary to configure i3Allsync.

i3Allsync makes use of 3 different network protocols:

- UDP (ports 6618 and 6619) broadcast to let the transmitter discover any available receiver
- TCP (socket port 6619) for the stream from transmitter to receiver
- HTTP (port 9090) for the Airview functionality
- The above information can be used to make some specific network configurations for i3Allsync

Solutions

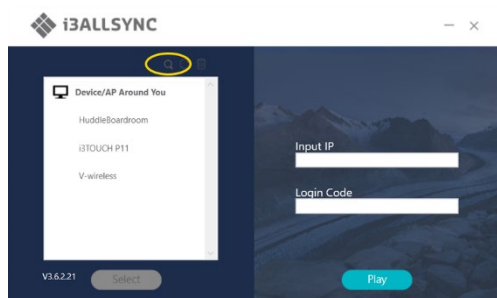
Auto-Discovery of the i3ALLSYNC Receiver

i3Allsync transmitters can automatically discover i3Allsync receivers by sending a directed UDP broadcast packet on port 6618 to the local subnet. On the same subnet, i3Allsync receivers will respond to this packet and make themselves available for connection.

However, if the i3Allsync transmitter and receiver are in different subnets, the broadcast doesn't reach the receiver. This could be solved by configuring the network infrastructure to forward broadcasts to other network segments or specified hosts, i.e. by defining a custom IP forward protocol (UDP 6618) and defining an IP helper address on the relevant interface. The IP helper address would either point to the IP address of the receiver or the broadcast address of the destination network. As this procedure differs (or might not be possible) depending on the brand of the network infrastructure, a certain level of network knowledge and admin level access is needed to accomplish this task.

Manually add the i3ALLSYNC Receiver

When network configuration is not feasible, it is possible to establish a connection by clicking the magnifying glass in the transmitter interface and entering an ip address. This approach doesn't require a broadcast between the transmitter and the receiver.



To set this up the receiver should ideally get a fixed IP address.

It should also be noted that this solution will only work for Windows and macOS transmitters as it is currently not possible to enter the IP address of a receiver in the transmitter interface of the Android application.

i3ALLSYNC Traffic between Subnets

In cross-subnet scenario's, it might be needed to set up the necessary ACL's in order to enable traffic between i3Allsync devices. The most generic solution would be to allow all network traffic between the subnets. However, in most cases this will probably not be possible due to company policies. Traffic should still be allowed to just those protocols and ports required by i3Allsync to ensure a working setup.