



Screen Share

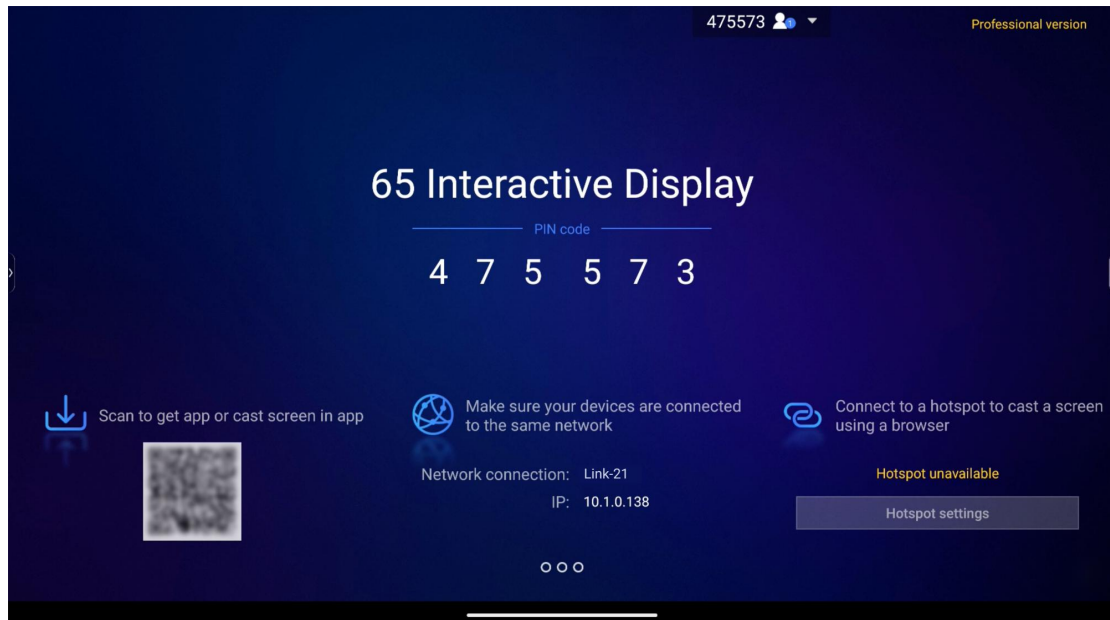
User Manual

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1 Product Overview

Screen Share is a powerful wireless casting software that supports multi-device, multi-platform wireless casting for screen content sharing, display, interactive control and collaboration.



1.1 Application Scenarios

1. Business Meeting Scene
2. Education and Training Scene
3. Home Entertainment Scene
4. Business Presentation Scene
5. Medical Assistance Scene
6. Video Conference Scene

1.2 App Download

Download URL: <https://sec.hello.go.tech>

Or you can visit <https://www.samsung.com/global/displaysolutions-download/>

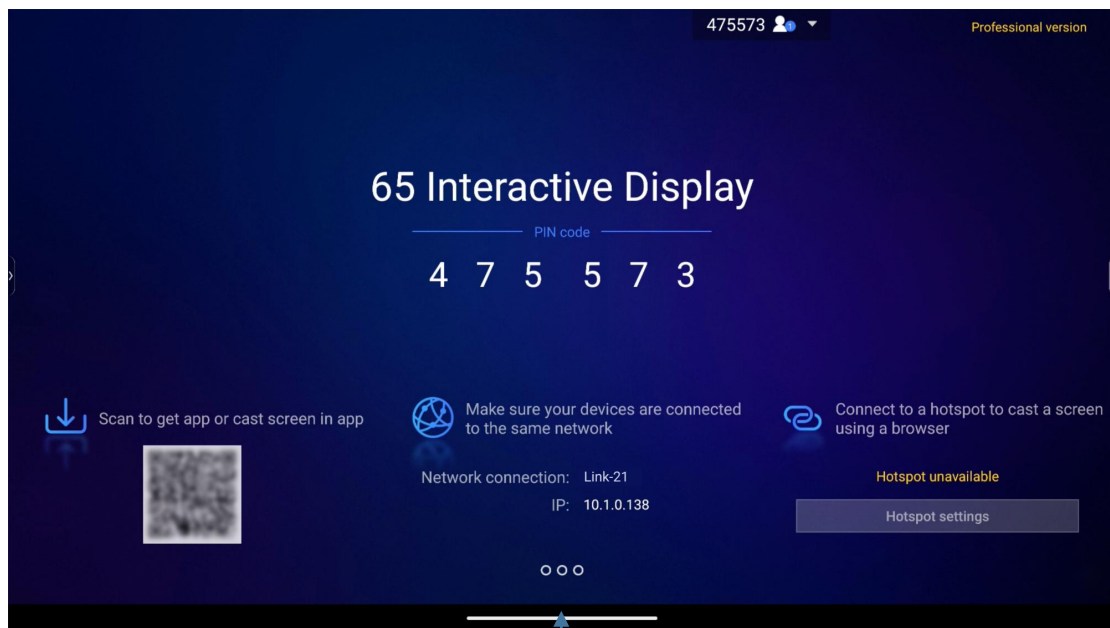
2 Function List

2.1 Interactive Flat Panel Display (or IFPD) Side

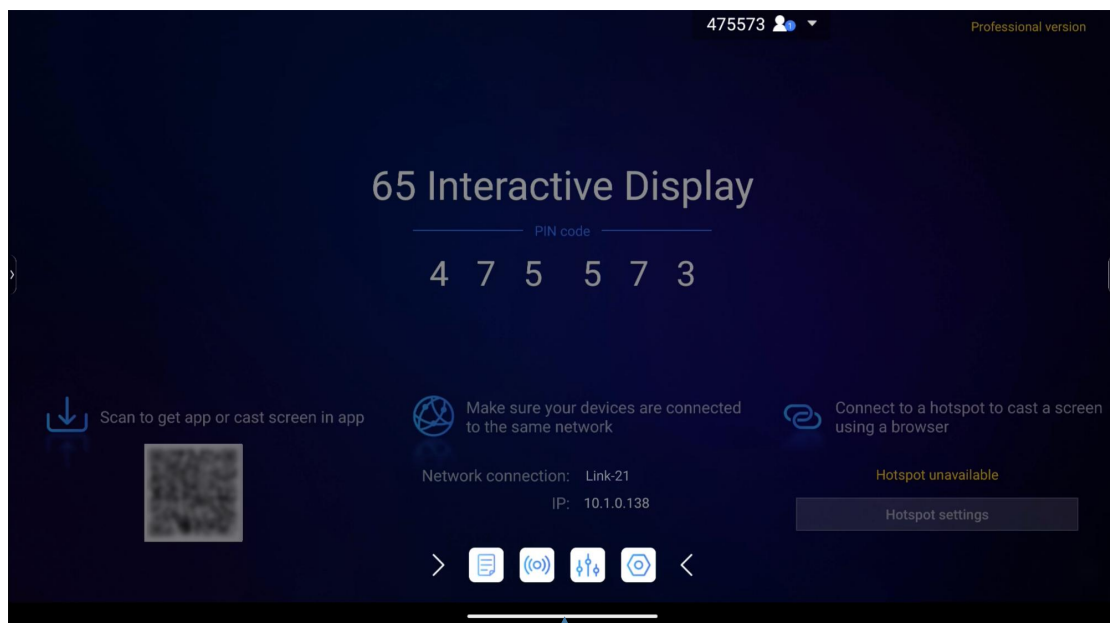
Functions	Descriptions
Network Information Display	Dynamically displays the current network status, type, and signal strength
PIN Code Connection	Supports client connection through a PIN code
IP Address Connection	Supports client connection using an IP address
Document Casting	Supports client document casting
Device Sync	Support to invoke IFPD external devices, such as: camera, speaker, microphone
Broadcast	Support synchronise the screen and sound wirelessly and in real time between multiple IFPDs
Reverse Control	Support client wireless control of IFPD
Audio Source Control	Supports switching audio output to the client or the IFPD
Full-Screen Switching	Supports switching to client-specific full-screen display
Intelligent Layout	Smart multi-screen layout, supports multi-channel casting
Custom Name	Supports customizing the device name on the IFPD

2.1.1.1 Main Interface

On the homepage of Screen Share, click on [Area 1](#) to open the [\[Function List\]](#).



Area 1



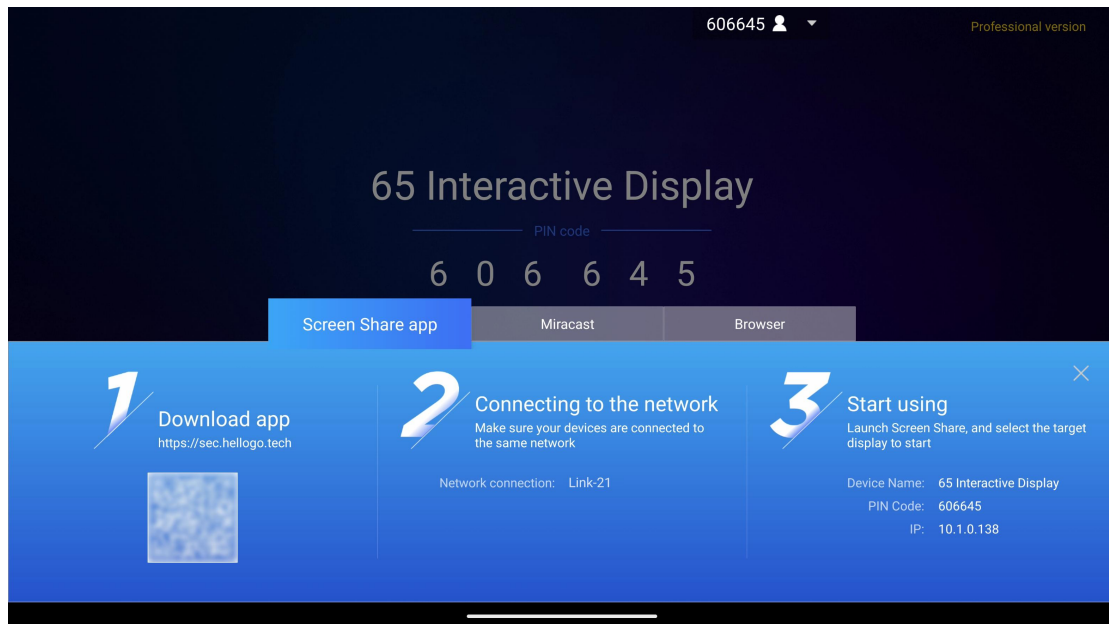
Function List

The function list contains:

Casting Tutorial, Broadcast, Device Management, and Settings.

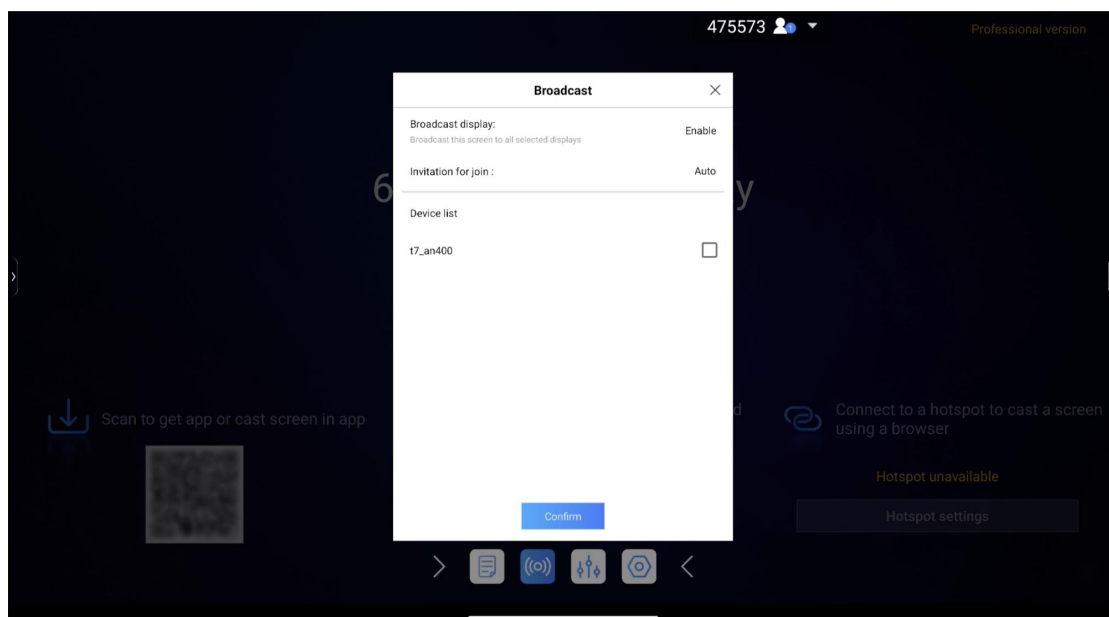
1. Casting Tutorial

As shown in the following image, there are various connection methods, including Screen Share client, Miracast/Airplay, and browser. You can follow these instructions to connect and use your device.



2. Broadcast

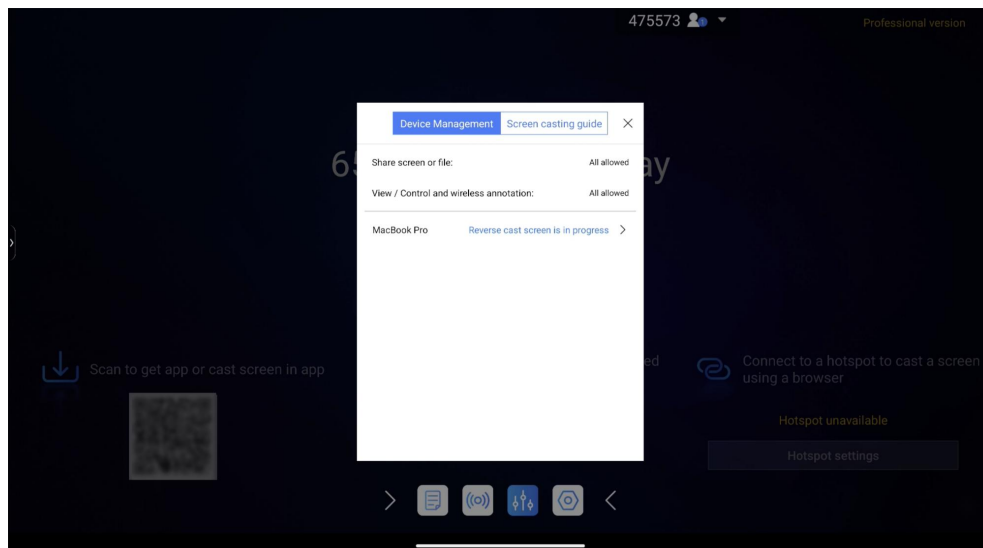
In the same network, multiple IFPDs can wirelessly synchronize screen display and sound in real time without the need for an HDMI out connection cable.



3. Device Management

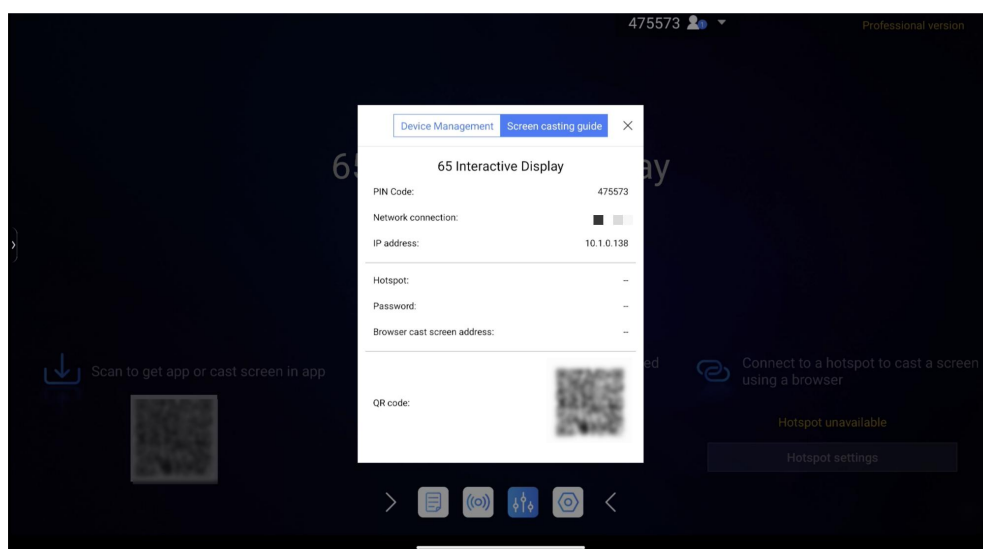
[Device Management]

The screen displays information about devices connected to the current IFPD. It supports user control and switching of the casting device's status, casting, reverse casting, pausing casting, and disconnecting.

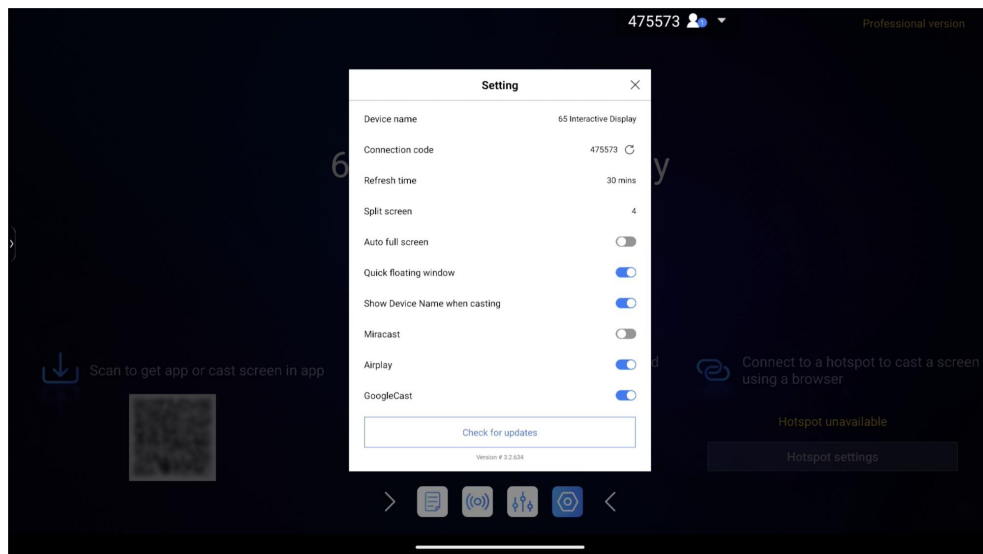


[Casting Guide]

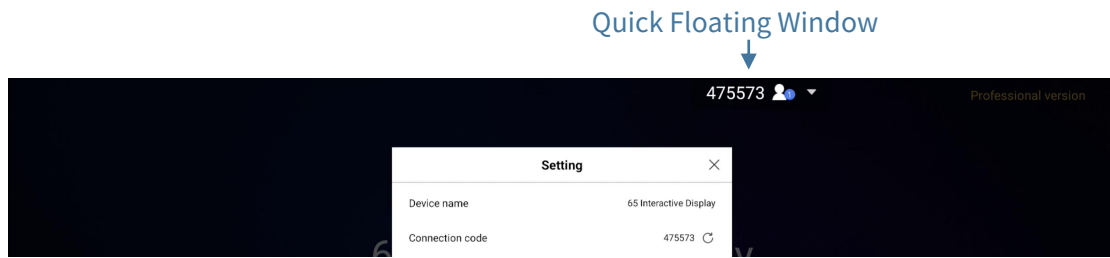
This page displays the casting information for the current IFPD, making it convenient for other users to quickly initiate casting operations.



4. Settings



- (1) **Device Name:** Edit the device name.
- (2) **Connection code:** The connection code defaults to 6 digits, which can be refreshed manually.
- (3) **Refresh Time:** Set the update frequency of the casting code, you can set no refresh, update once every 30 minutes or once every 24 hours.
- (4) **Split screen:** Choose the maximum number of screen casts, which is the maximum number of simultaneous multi-device screen casts;
- (5) **Auto full screen:** When turned on, the cast screen content automatically fills the screen;
- (6) **Quick Floating Window:** Enabled by default. The quick floating window is located at the top of the IFPD, displaying the casting code or IP information, as shown in the following image.



Click on [\[Quick Floating Window\]](#) to perform control operations, including [\[Device Management\]](#) and [\[Casting Guide\]](#).

(7) Show Device name when casting: The device name will be displayed in the upper left corner of the screen when casting.

(8) Miracast/Airplay/GoogleCast: Multiple casting protocols are supported to be turned on in the settings.

(9) Check for Updates: Get the latest version of Screen Share.

2.2 PC Side (Mac/Win)

Functions	Descriptions
Network Information Display	Dynamically shows the current network status, type, and signal strength
Discover Devices	Supports automatic and manual refreshing of the device list
Click to Connect	Supports direct connection by clicking on the device name
PIN Code Connection	Supports connection using a PIN code
IP Address Connection	Supports connection using an IP address
One-Click Casting	Supports triggering casting with a single click
Document Casting	Supports casting of document file types
Reverse Casting	Supports transferring content from the receiving end back to the casting end
Reverse Control	Support client wireless control of IFPD
Device Sync	Support to invoke IFPD external devices, such as: camera, speaker, microphone
Audio Source Control	Supports switching audio output to the IFPD or computer
Pause/Resume	Supports pausing or resuming casting
End Casting	Ends and exits the current casting content
Full Screen/Exit Full Screen	Supports displaying casting content in full screen and exiting full screen
Disconnect	Supports disconnecting from the mirrored device
Network Detection	Supports casting network environment detection
Customize Device Name	Supports customizing the casting device name

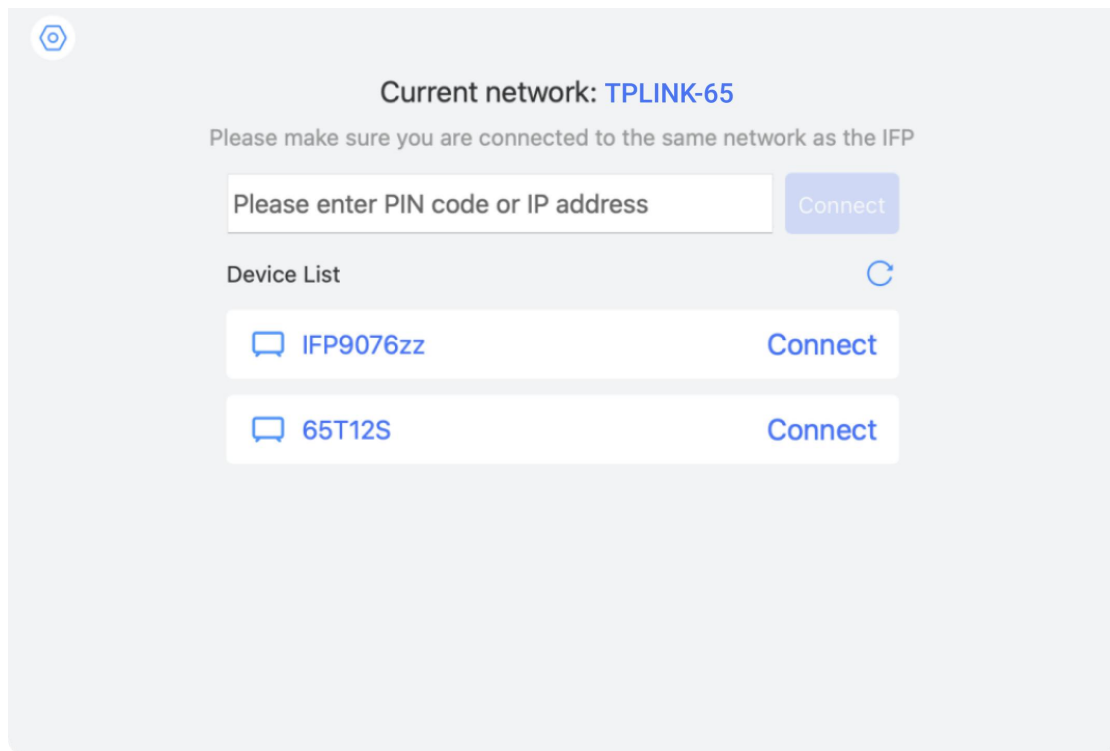
2.2.1 Resolution description

- When the desktop is mirrored via the computer client, the resolution corresponds to that of the user's local monitor.
- When extended to a secondary display, the resolution can reach up to 4K.

2.2.2 Main Interface

(1) When disconnected

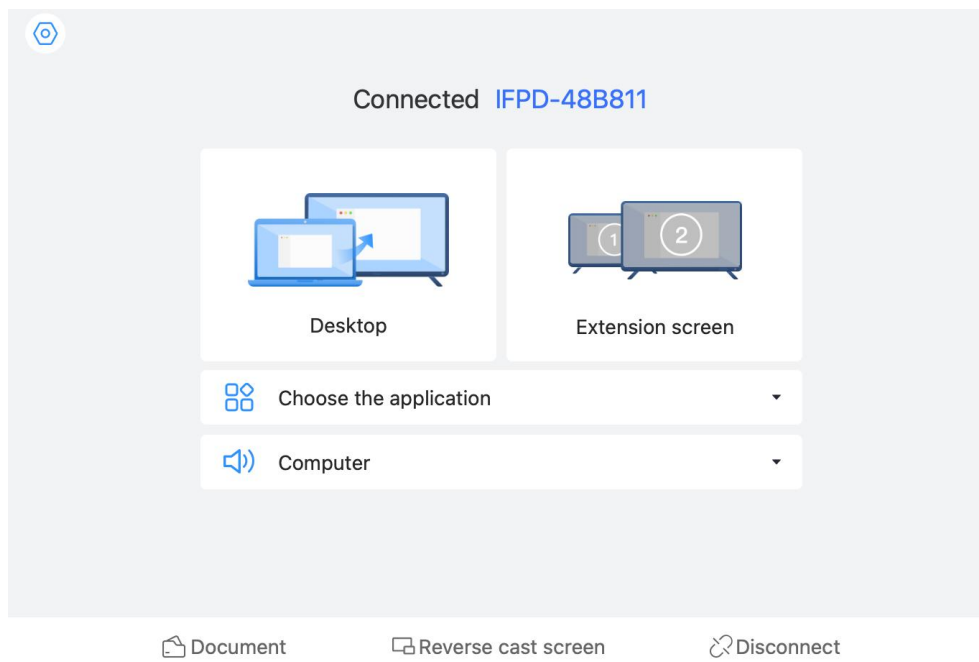
When it is ensured that both the computer and the IFPD are connected to the same network, you can directly enter the screen casting code or IP address to connect to the IFPD. Alternatively, you can click on the [Connect] button next to a specific IFPD device in the [Device List] at the bottom, and then enter the screen casting code to establish the connection.



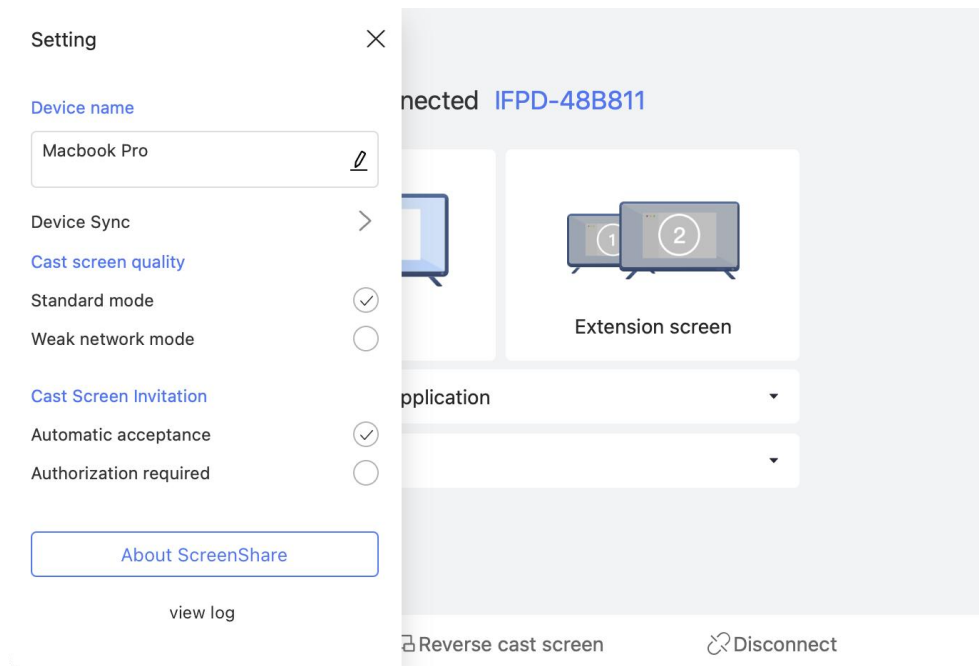
The screenshot shows a web interface for connecting to an IFPD device. At the top left is a gear icon. The main heading is "Current network: TPLINK-65". Below this is a instruction: "Please make sure you are connected to the same network as the IFP". There is a text input field labeled "Please enter PIN code or IP address" and a blue "Connect" button. Below the input field is a section titled "Device List" with a refresh icon. The device list contains two entries: "IFP9076zz" and "65T12S", each with a "Connect" button next to it.

Current network: TPLINK-65	
Please make sure you are connected to the same network as the IFP	
Please enter PIN code or IP address	<button>Connect</button>
Device List ↻	
📺 IFP9076zz	<button>Connect</button>
📺 65T12S	<button>Connect</button>

(2) When connected



- Desktop: Click to cast the desktop screen to the IFPD.
- Extension Screen: Click to use IFPD as an extended display with resolutions up to 4k.
- Choose the application: Click to cast the screen of an open application on your computer.
- Output Sound: Click to switch the audio output between the computer and the IFPD.
- Document: Click to select and cast documents from your computer.
- Reverse Cast Screen: Click to view and control the IFPD from your computer.
- Disconnect: Click to disconnect from the IFPD.



Click the top-left corner to open [Settings], where you can perform the following operations:

- **Device Name:** Customize the name of your computer device, which will be displayed in the [Device Management] interface on the IFPD.
- **Device Sync:** After connecting the device to the IFPD, you can enter the Device Sync interface to call the camera and microphone on the IFPD (see 4.1 Device Sync for details).
- **Cast screen quality:** Adjust the screen casting quality to Standard or Weak Network mode.
- **Cast screen invitation:** Set whether to automatically accept screen casting invitations or require authorization.
- **About ScreenShare :** Click to view the software version and check for updates.
- **View Log:** Click to view logs.

2.3 Mobile Side (iOS/Android)

Functions	Descriptions
Network Information Display	Dynamically shows the current network status, type, and signal strength
Discover Devices	Supports automatic and manual refreshing of the device list
Click to Connect	Supports direct connection by clicking on the device name
PIN Code Connection	Supports connection using a PIN code
IP Address Connection	Supports connection using an IP address
QR Code Connection	Supports connection by scanning a QR code
One-Click Casting	Supports triggering casting with a single click
Document Casting	Supports casting of document file types
Reverse Casting	Supports transferring content from the receiving end back to the casting end
Reverse Control	Support client wireless control of IFPD
Pause/Resume	Supports pausing or resuming casting
End Casting	Ends and exits the current casting content
Full Screen/Exit Full Screen	Supports displaying casting content in full screen and exiting full screen
Disconnect	Supports disconnecting from the mirrored device
Disconnect and Reconnect	Supports automatic reconnection after a network interruption
Customize Device Name	Supports customizing the casting device name

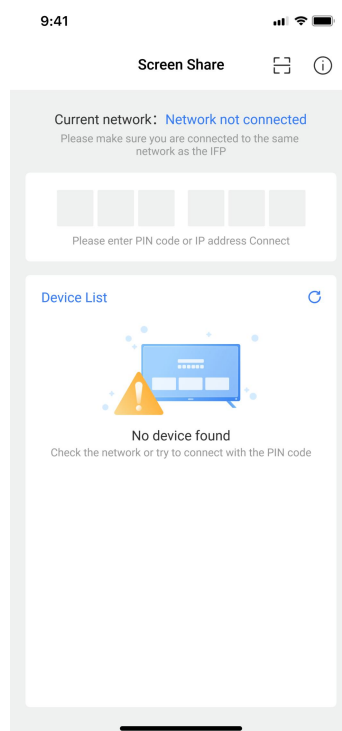
2.3.1 Resolution description

- When casting from a mobile device, the resolution can reach up to 1080p while maintaining the original screen aspect ratio.

2.3.2 Main Interface

(1) When Disconnected

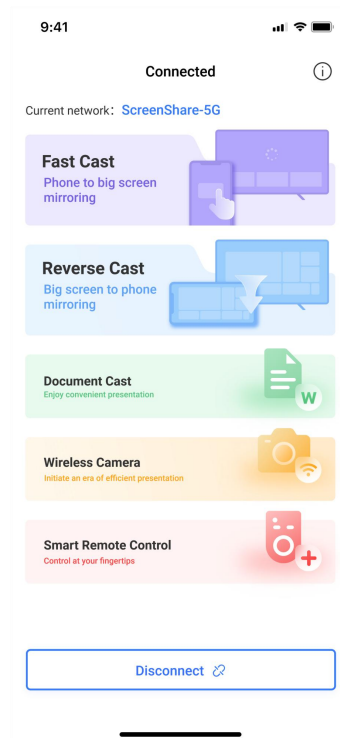
When it is ensured that both the computer and the IFPD are connected to the same network, you can directly enter the screen casting code or IP address to connect to the IFPD. Alternatively, you can click on a specific IFPD device in the [Device List] at the bottom, and then enter the screen casting code to establish the connection.



Right Upper Corner Operations:

- Scan Code: Click to connect by scanning the QR code on the home page of the IFPD.
- More Information: Click to change the device name on the mobile end and view the software version to check for updates.(Specific details are subject to the actual product.

(2) When Connected



- One-Touch Casting: Click to cast the phone screen to the IFPD.
- Reverse Casting: Click to display the IFPD on the phone, allowing you to control the IFPD while also performing functions such as [Back], [Home], [Multitask], [Annotate], and [Screenshot].
- Document Casting: Click to cast documents (Word, PPT, Excel formats) from the phone to the IFPD.
- Infinite Podium: Click to display the content captured by the phone's camera on the IFPD.
- Smart Remote: Click to choose [Touch], [Mouse], or [Button] mode to control the IFPD from a distance.

3 Native Protocol Casting

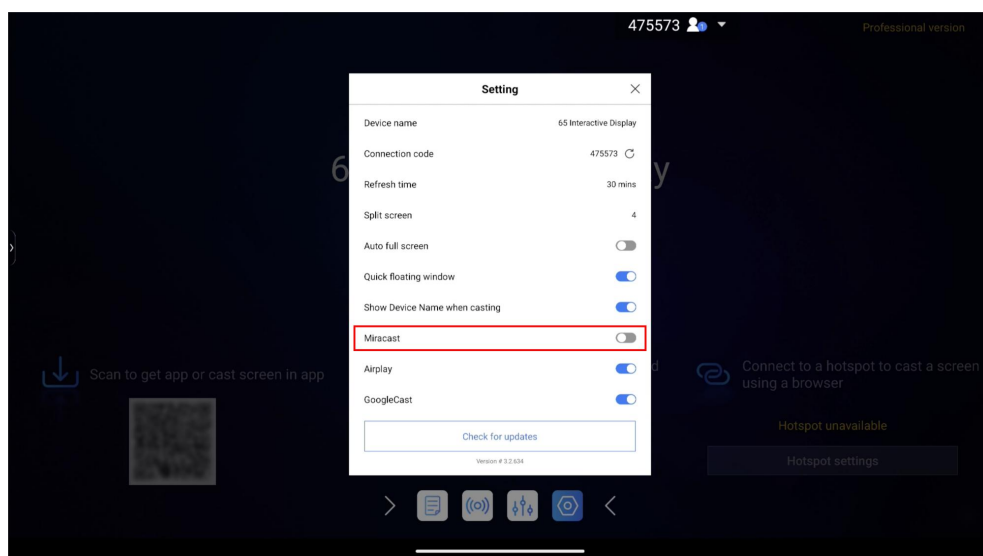
3.1 Miracast

3.1.1 Resolution description

- When using Miracast for casting, the maximum resolution support for 1080p.

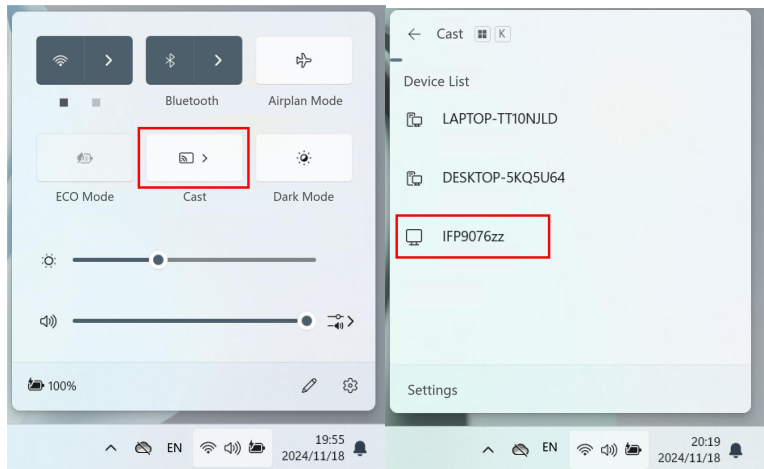
3.1.2 Screen Casting Tutorial

- (1) First open the screen share software , then turn on the [Miracast] function in [Settings], and make sure the network of your Windows computer or Android mobile phone is the same as the IFPD;

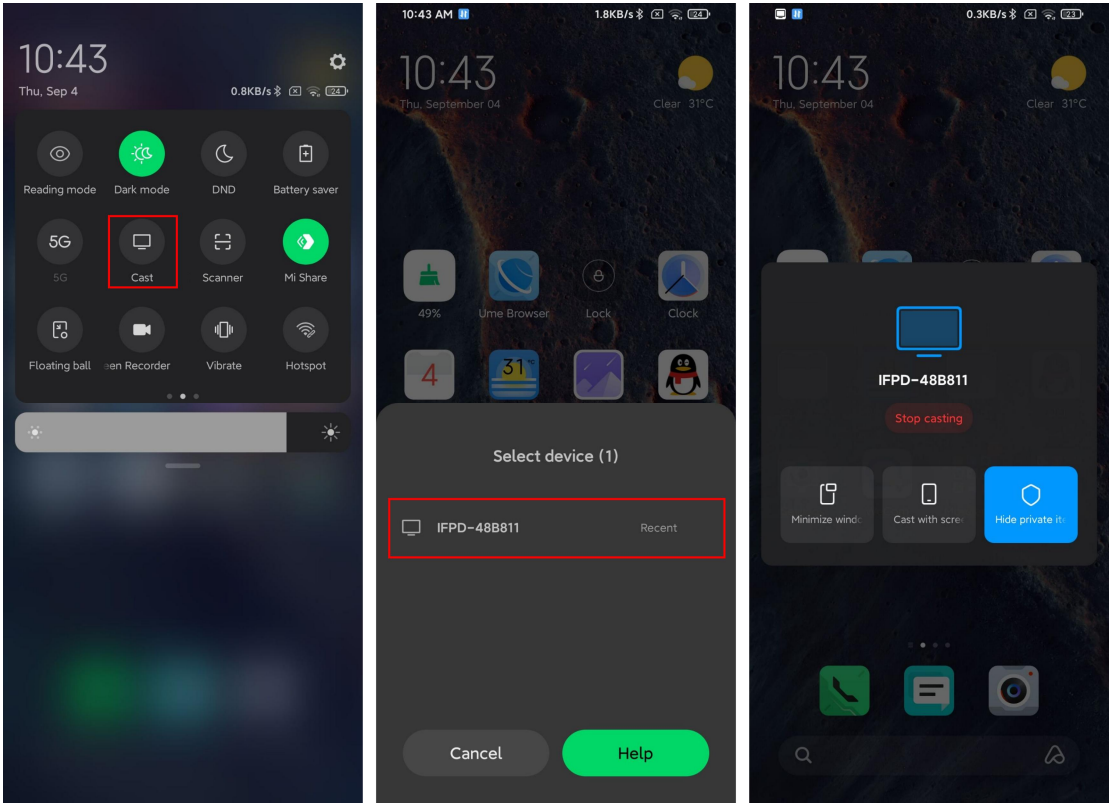


Note: Some motherboards need to close the hotspot on the IFPD end to use the Miracast function due to hardware or driver limitations.

(2) After clicking [Cast], you can cast the screen after selecting the corresponding IFPD device.



PC Side



Mobile Side

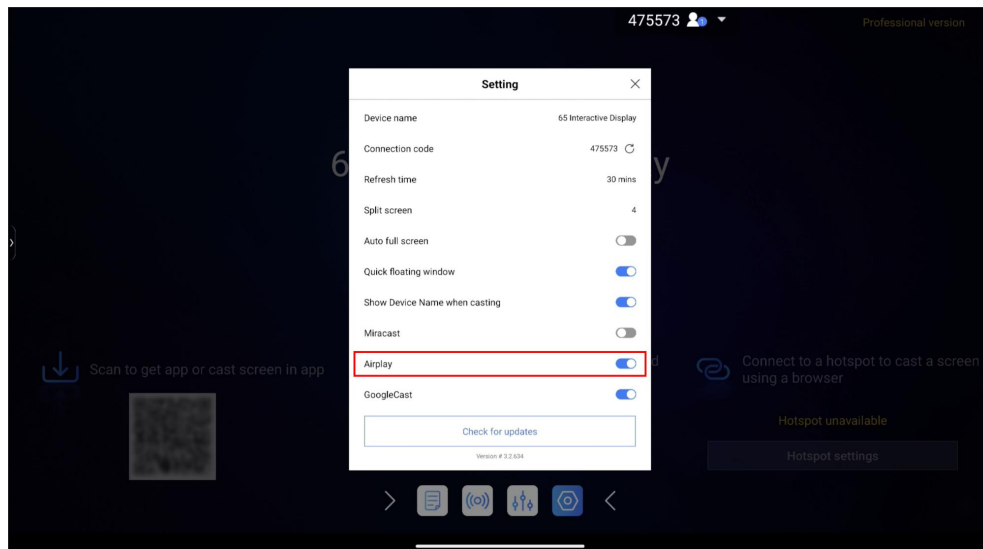
3.2 Airplay

3.2.1 Resolution description

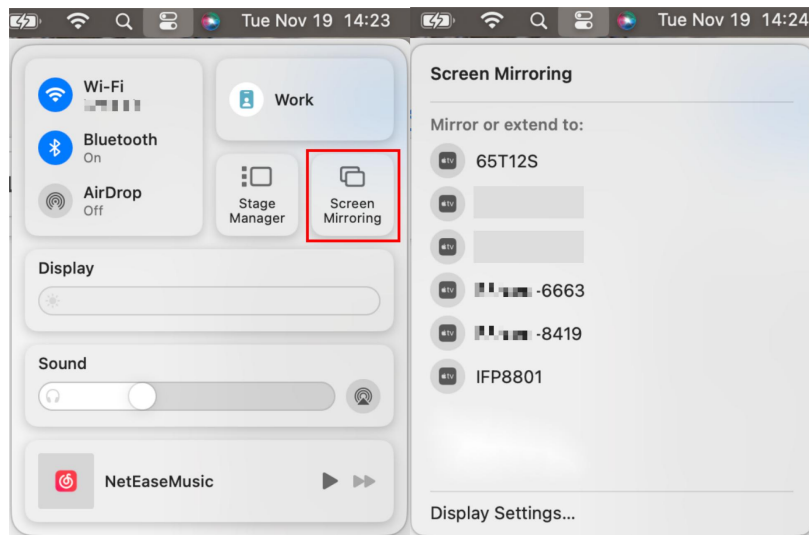
- When using AirPlay for casting, the resolution can reach up to 1080p while maintaining the original screen aspect ratio.

3.2.2 Screen Casting Tutorial

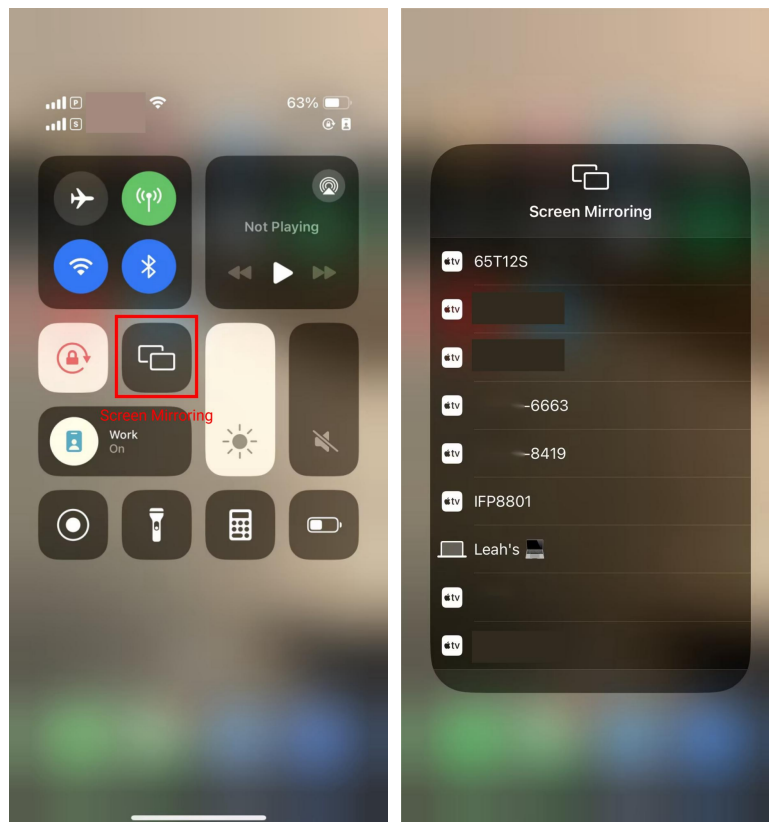
- (1) First open the screen share software , then turn on the [Airplay] function in [Settings];



- (2) Make sure the network of your Mac OS computer or iphone is the same as the IFPD;
- (3) After clicking [Screen Mirroring] in [Control Center], you can see the name of the corresponding IFPD device in the device list, click it to start casting screen.



PC Side



Mobile Side

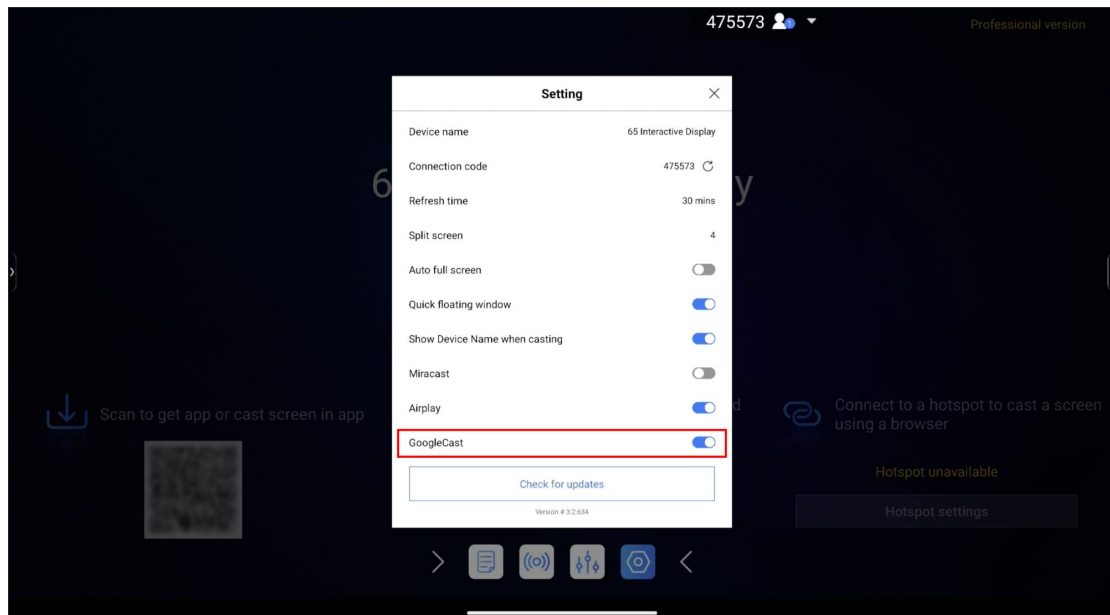
3.3 Google Cast

3.3.1 Resolution description

- When using Google Cast for casting, the resolution can reach up to 1440×810 pixels while maintaining the original screen aspect ratio.

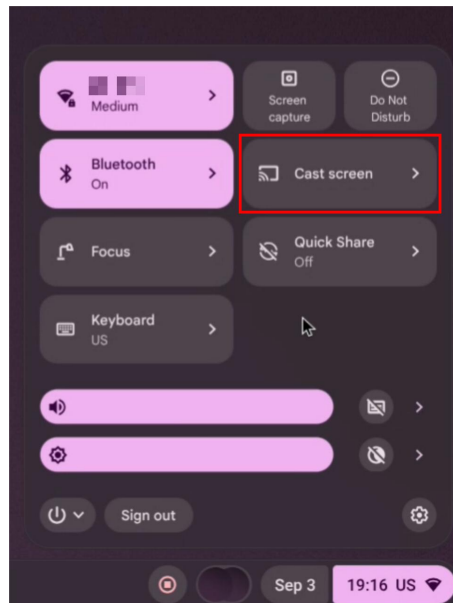
3.3.2 Screen Casting Tutorial

First open the screen share software , then turn on the [Google Cast] function in [Settings], and make sure the current computer's network is consistent with the IFPD.

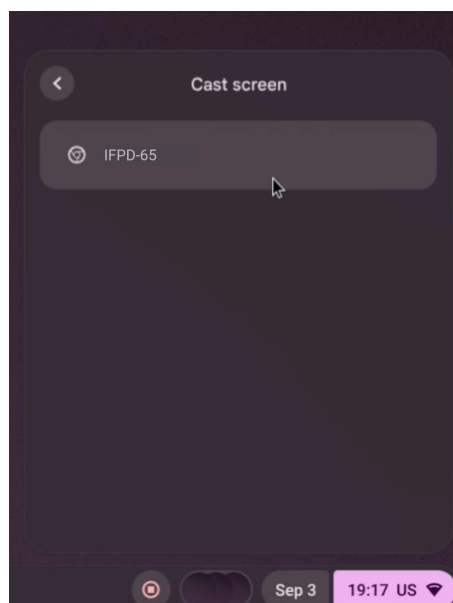


3.3.2.1 Chrome OS Cast

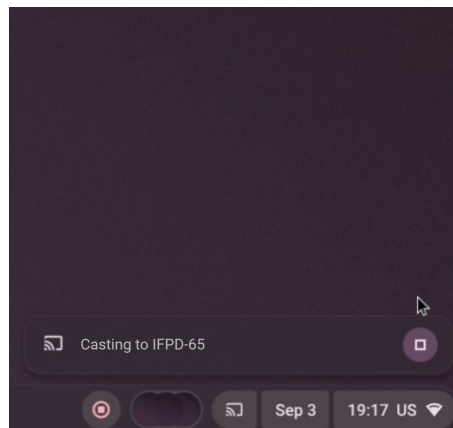
- (1) Click on the bottom right corner to open the panel and click on the Cast Screen button.



- (2) Once you have found the corresponding IFPD device, click on it to cast the screen.

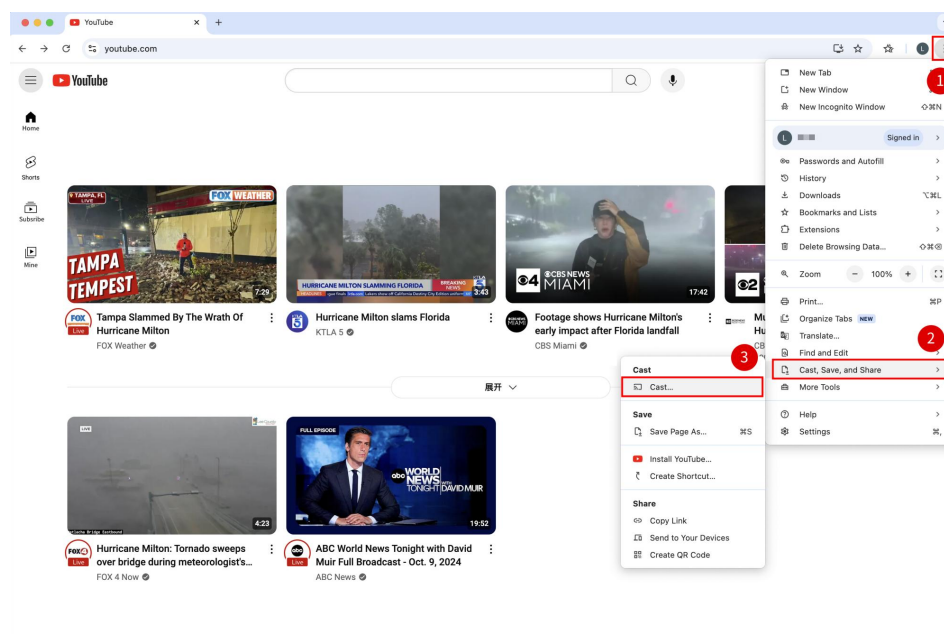


- (3) After starting the casting, you can click the [End] button on the right side to exit the casting.

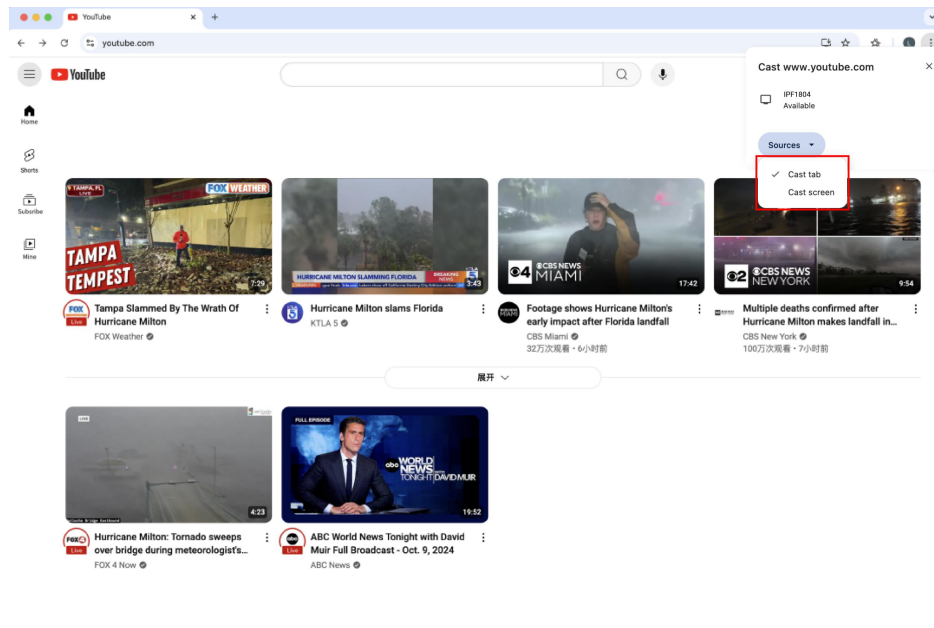


3.3.2.2 Google Chrome Browser Cast

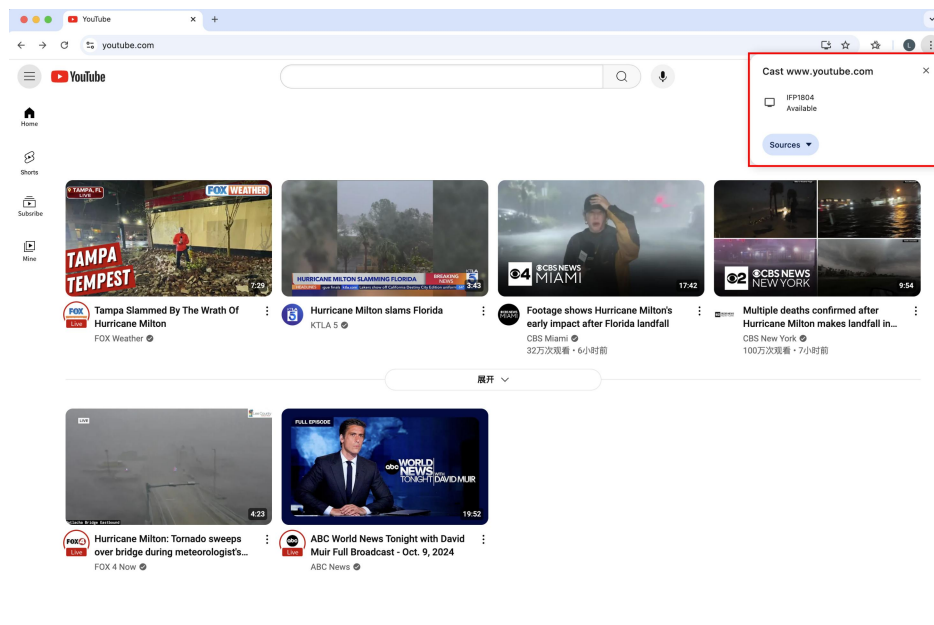
- (1) Using Google Chrome, click on the three dots in the upper right corner to expand More, then click on [Cast, Save & Share], and then click on [Cast];



(2) User can select “Sources” first to decide where to share the whole screen or tab.



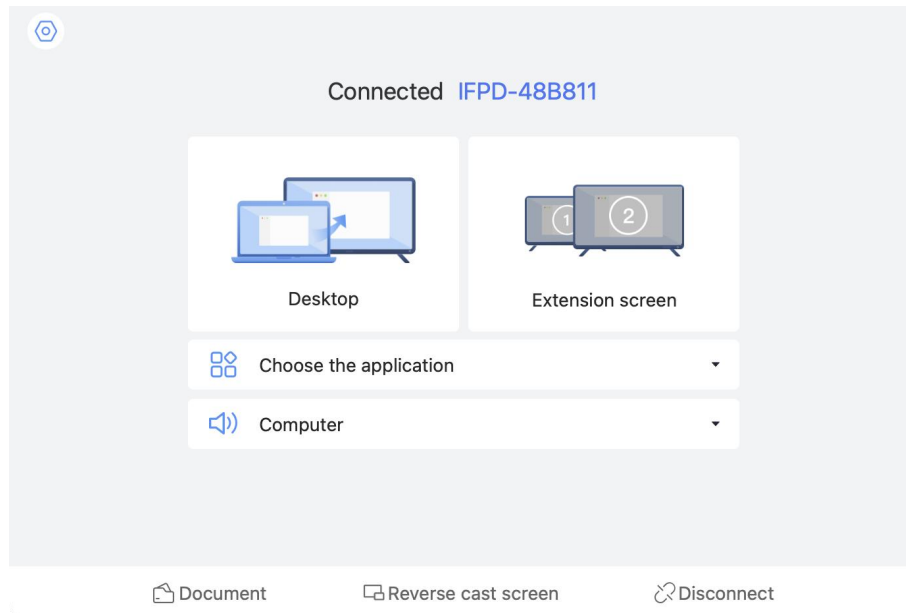
(3) The IFPD can be seen in the current pop-up window, and you can cast the screen after clicking on it.



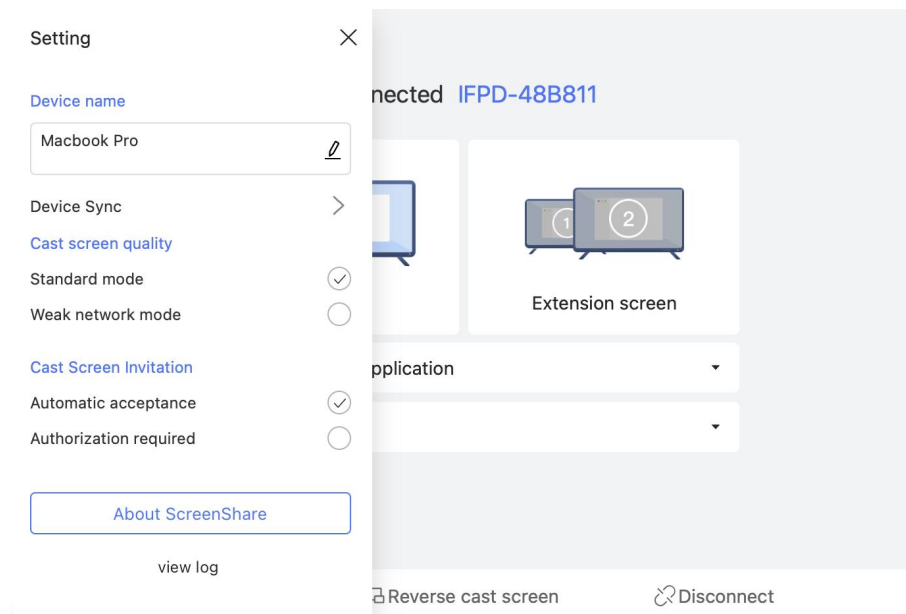
4 Key Features

4.1 Device Sync

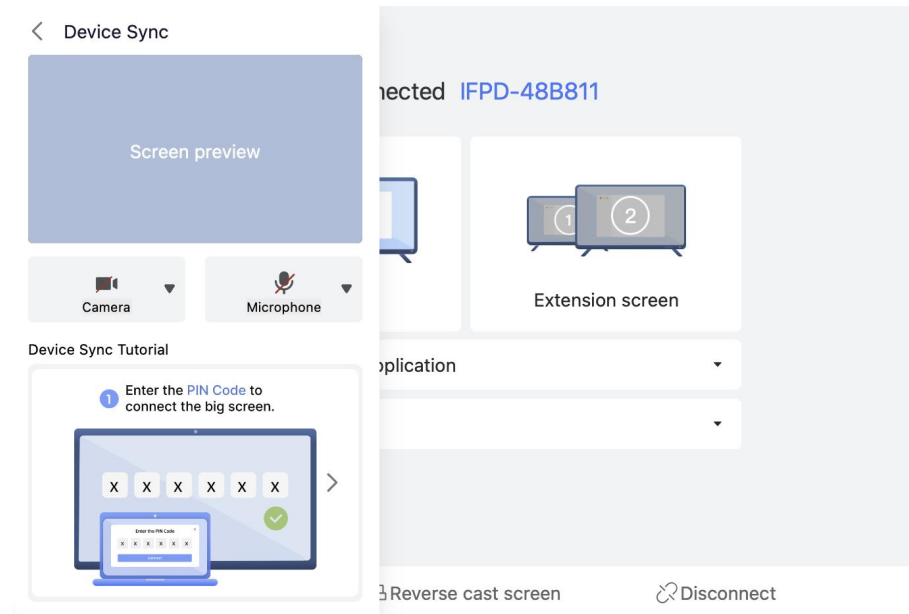
(1) First, use a computer to connect to the IFPD device;



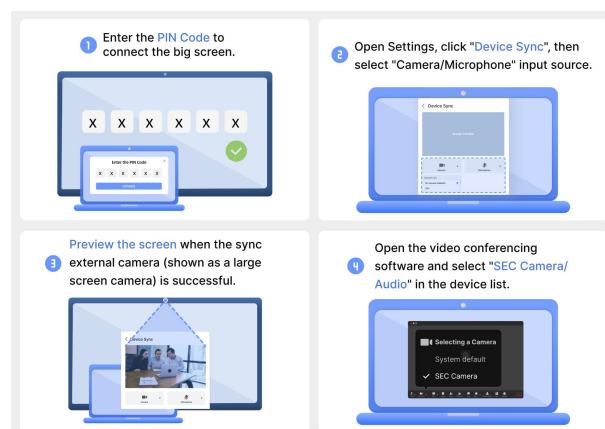
(2) Click "Settings - Device Sync" in the upper left corner to enter the Device Sync interface;



- (3) You can open the camera or microphone for testing, and you can check the external camera invoking in the preview screen;



- (4) When the external device is successfully invoked, you can open the conference software and select SEC Audio and SEC Camera in the Microphone and Camera list;



- (5) Finally, start your meeting.

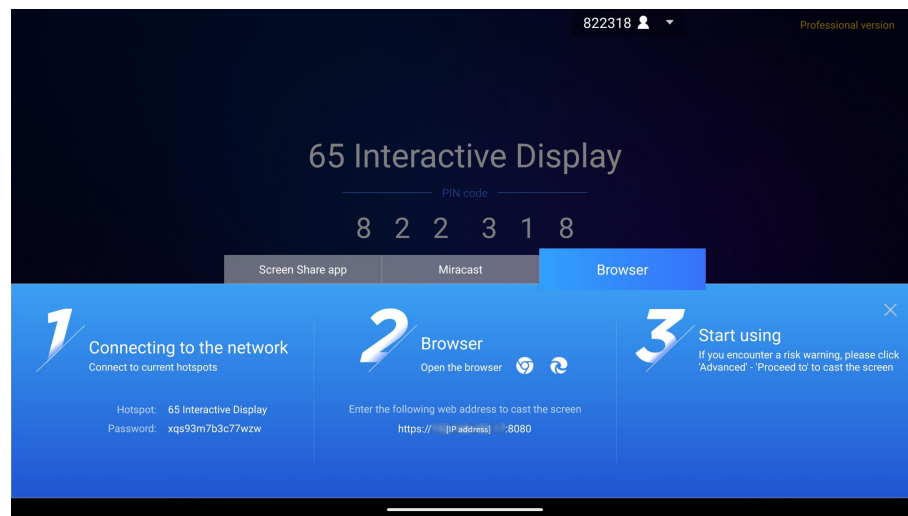
4.2 Webcast

4.2.1 Resolution description

- When using the web browser for casting, the resolution can reach up to 1080p.

4.2.2 Screen Casting Tutorial

Local web page casting can be achieved through the following three methods:



(1) Hotspot Connection

Enable a hotspot on the IFPD and connect the computer to this hotspot.

→ Access the URL [https://\[IP address\]:8080](https://[IP address]:8080) in the browser, replacing [IP] with the IFPD's hotspot IP address.

(2) Wi-Fi Network Connection

Connect both the IFPD and the computer to the same Wi-Fi network.

→ Access the URL [https://\[IP address\]:8080](https://[IP address]:8080) in the browser, replacing [IP] with the IFPD's Wi-Fi IP address.

(3) Ethernet Connection

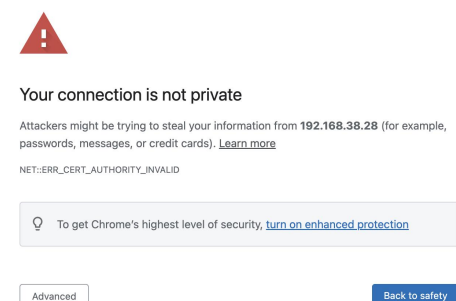
Connect the IFPD to the network via Ethernet, and connect the computer via Ethernet or the same local network's Wi-Fi.

→ Access the URL [https://\[IP address\]:8080](https://[IP address]:8080) in the browser, replacing [IP] with the IFPD's wired IP address.

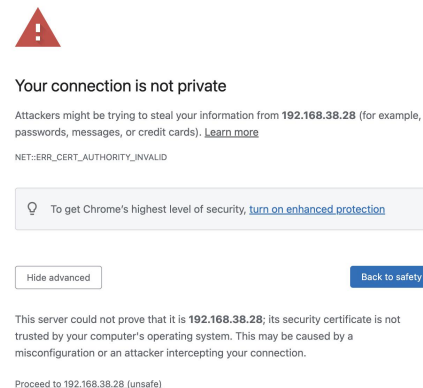
After entering the URL in the browser,

① Currently, there may be a warning prompt on the browser platform. We assure you that all data is only used for screen casting on your computer and will not be saved, transmitted, or used to steal any information.

② You need to follow the steps below to dismiss the browser warning prompt and proceed to the next step.

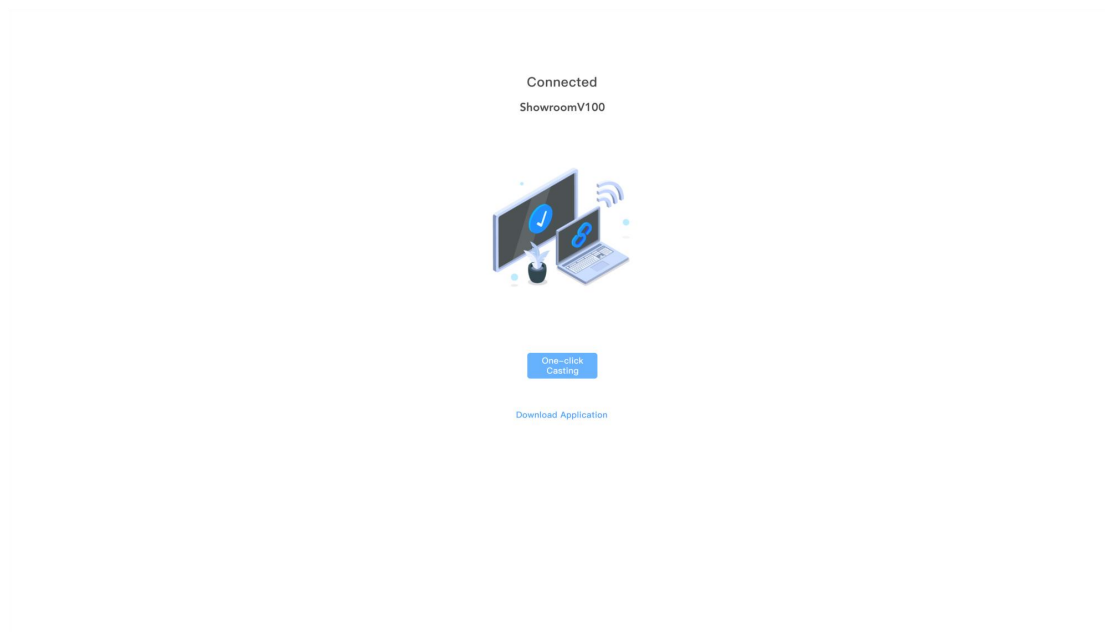


First Step

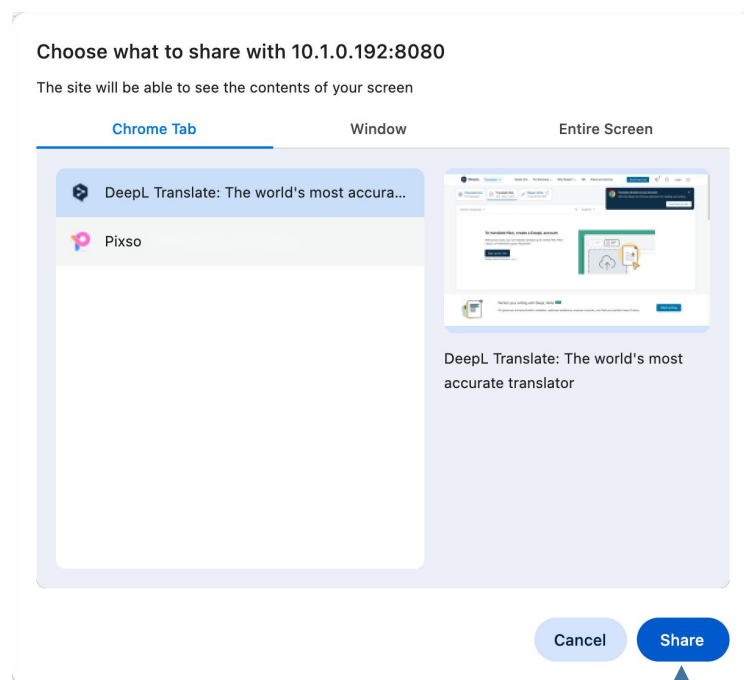


Second Step

(1) Connect to the IFPD.

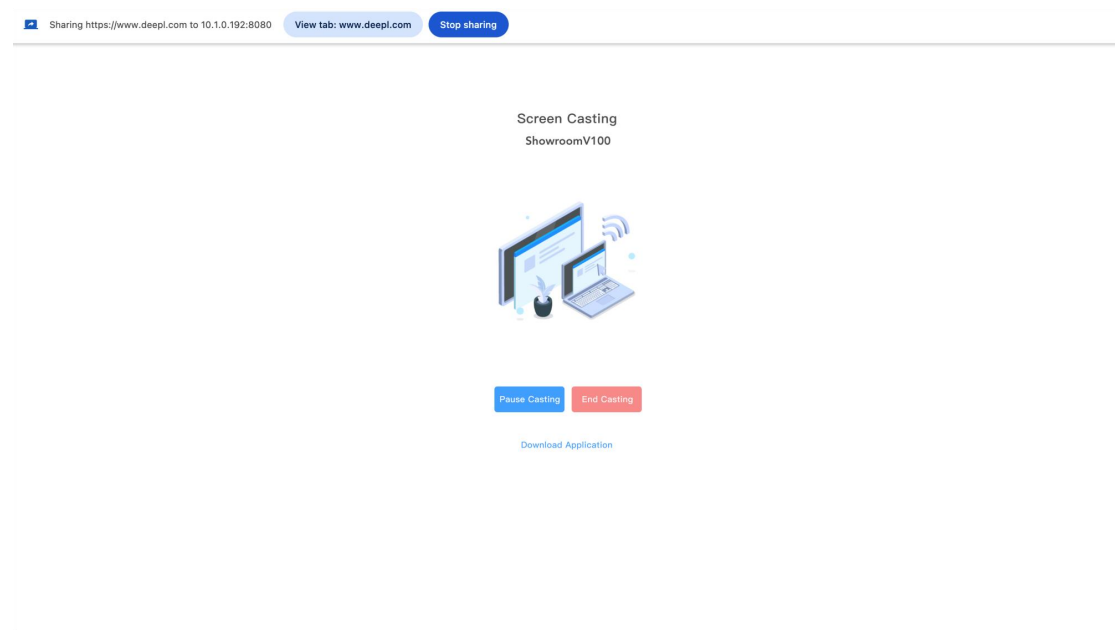


(2) Choose the casting area: Web page casting supports [Tab], [Window], and [Whole Screen]. Click on Share to start casting.



Click [Share] to start casting

(3) In this interface, we can click [Pause] or [End] to cast screen.



The content of this document depends on the actual product