



IQShare Videobar

AHY500

--User Manual--



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1.Introduction

IQShare Videobar AHY500 is an all-in-one wireless conferencing solution combines a 4K camera, microphone array, and speaker into a single device with built in IQShare OS (AOSP), supporting BYOD and BYOM for seamless presentations and video meetings.

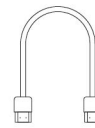
1.1. Packing Lists



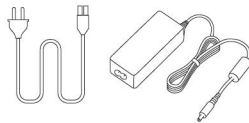
AHY500 X 1



Remote Control X 1



HDMI Cable X 1



AC Adapter X 1

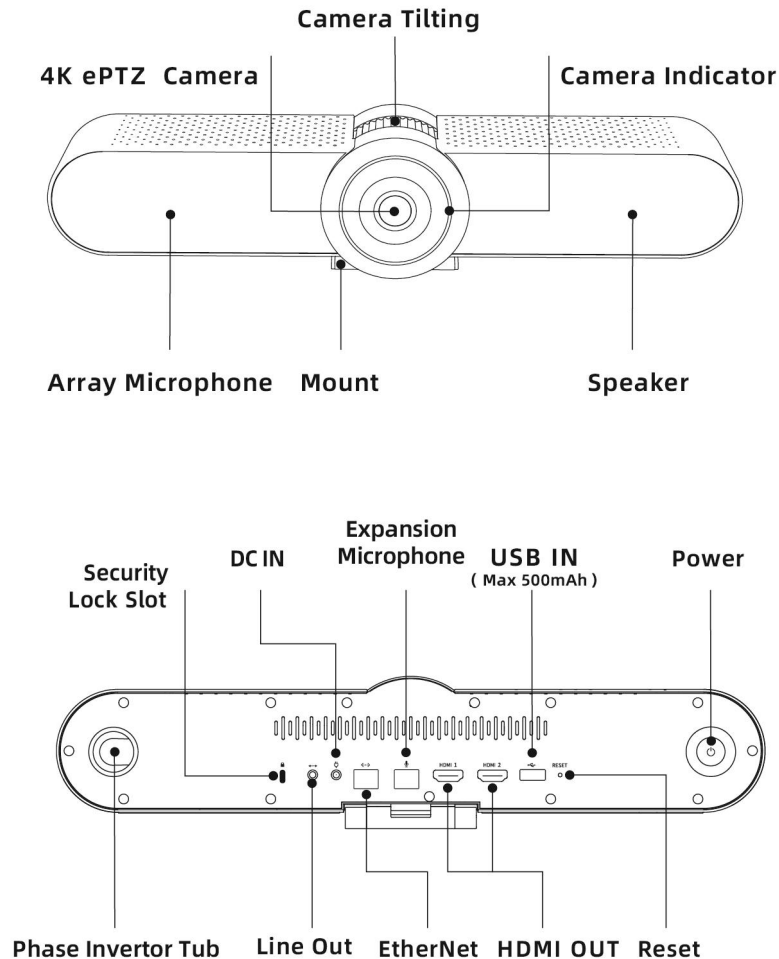


Qualification Certificate X 1



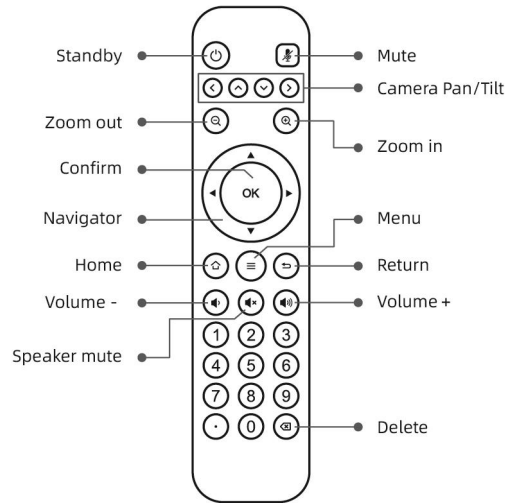
Quick Guide X 1

1.2. Product Review



1. Security Lock Slot: Prevents unauthorized removal with a locking mechanism.
2. DC IN: Connects to the power adapter (DC12V input).
3. Expansion Microphone: Connecting the S200 GEN2 pickup microphone.
4. USB IN: For connecting external devices (keyboard, mouse, USB drive) also used for pairing the IQShare Button.
5. Power: Turns the device on or off.
6. Phase Inverter Tube: Enhances bass and audio performance.
7. Line-out: Connects external audio output devices.
8. Ethernet Port (RJ45): Provides a stable wired network connection.
9. HDMI Out (x2): Dual-display support

1.3. Remote Control

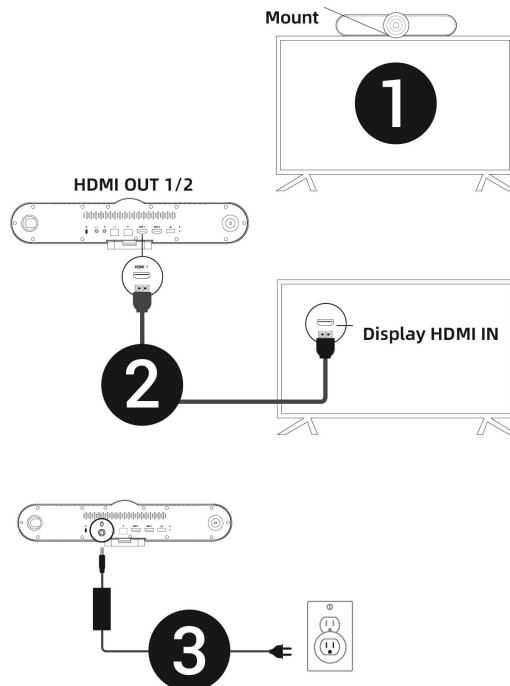


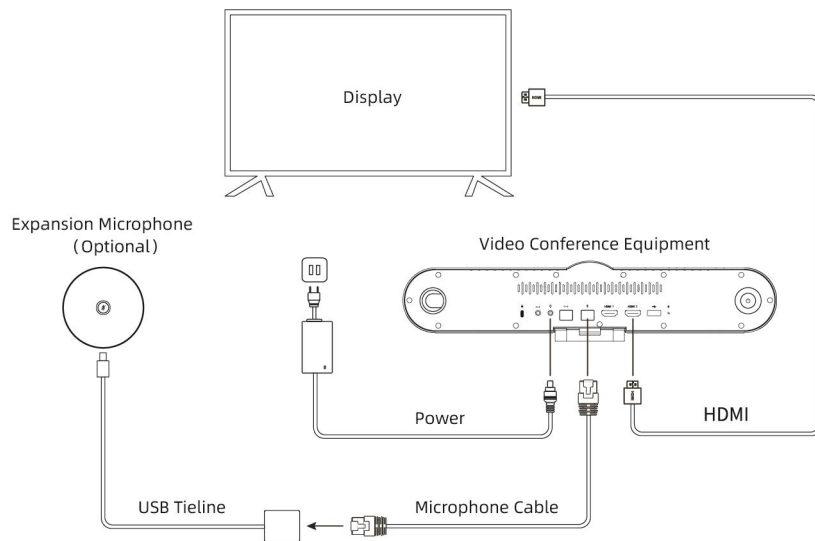
NOTE

The mute function is currently unavailable.

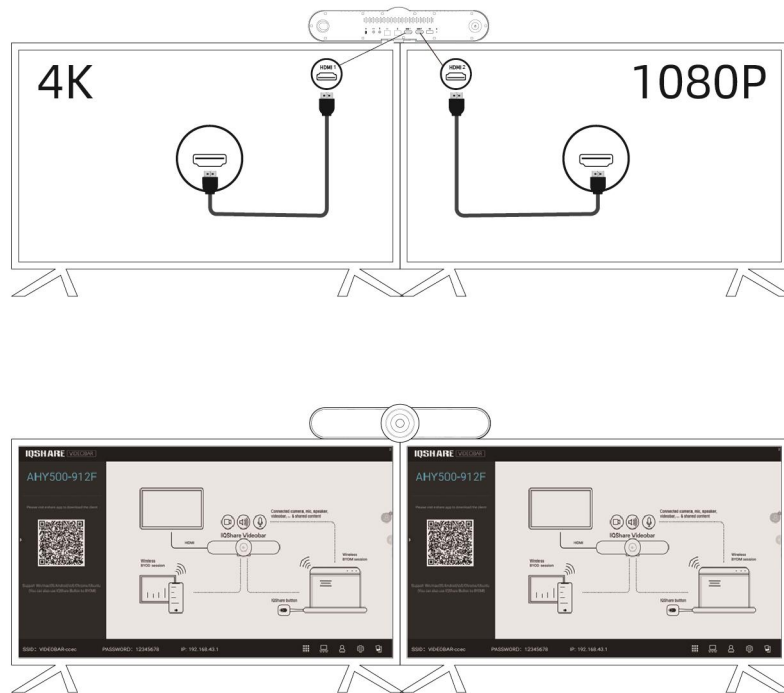
1.4. Connection

Connect with external display device(single monitor).





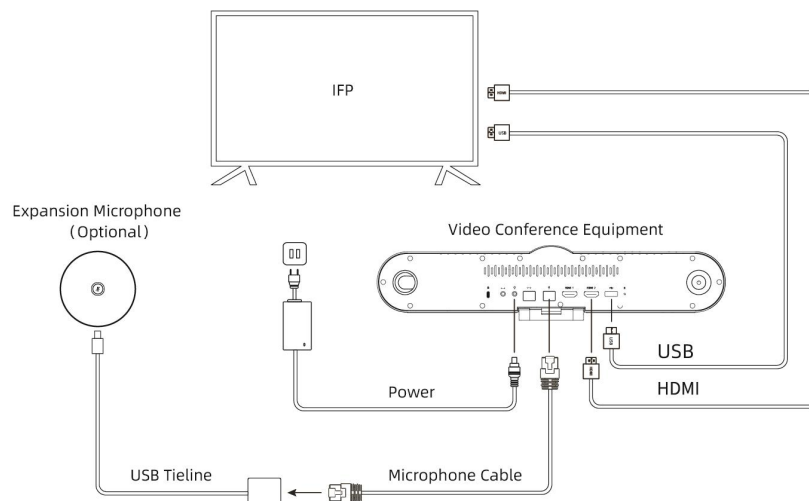
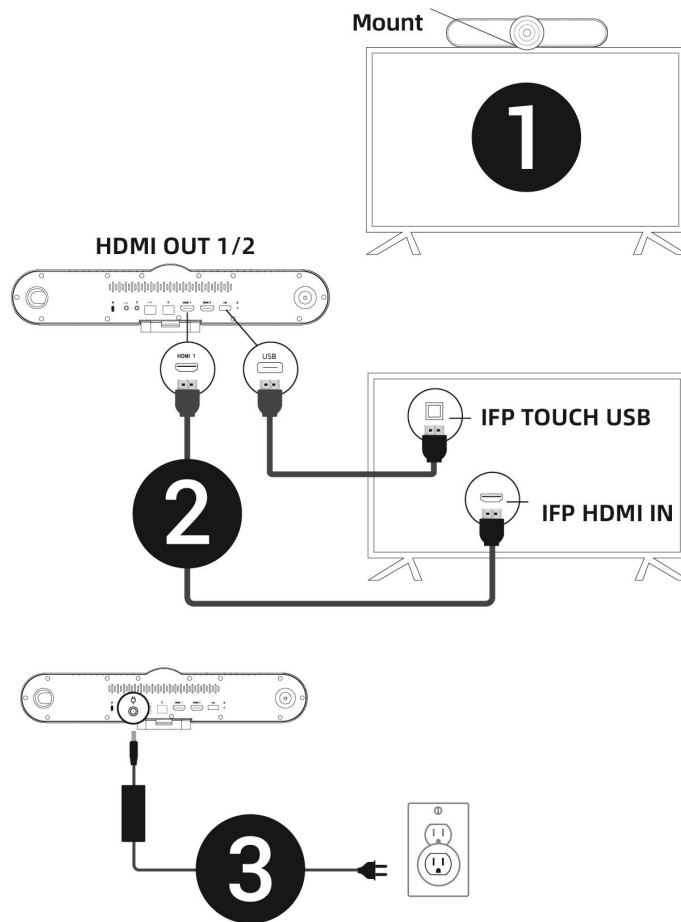
Connect with external display device (dual monitors)



NOTE

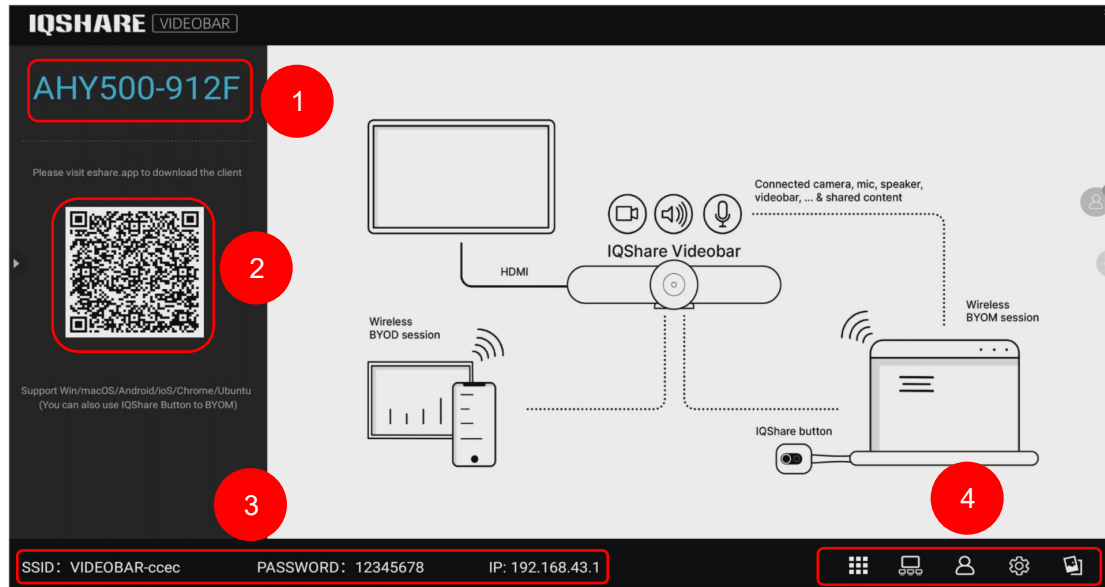
The AHY500 HDMI OUT 1 port supports up to 4K@60Hz output, while the HDMI OUT 2 port supports up to 1080P@60Hz output.

Connect with touch screen

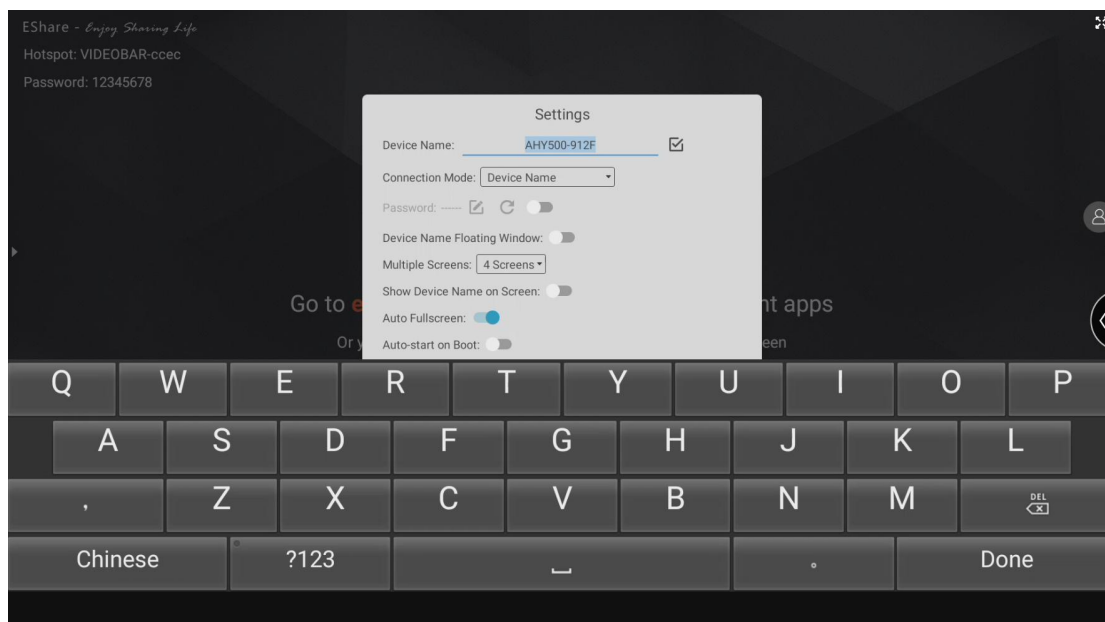


2.IQSHARE System (AOSP)

2.1. Home Page Introduction



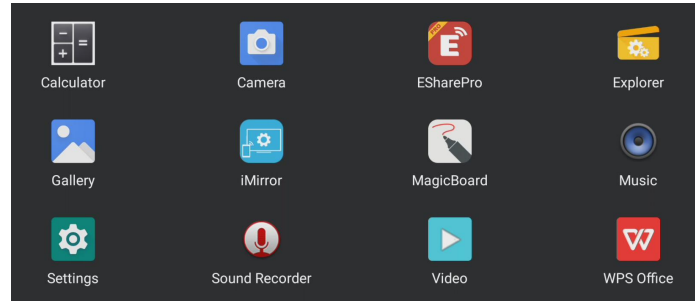
1. BYOD Receiver Name: Click on the receiver name [AHY500-912F] to enter the settings interface. The device name can be customized.



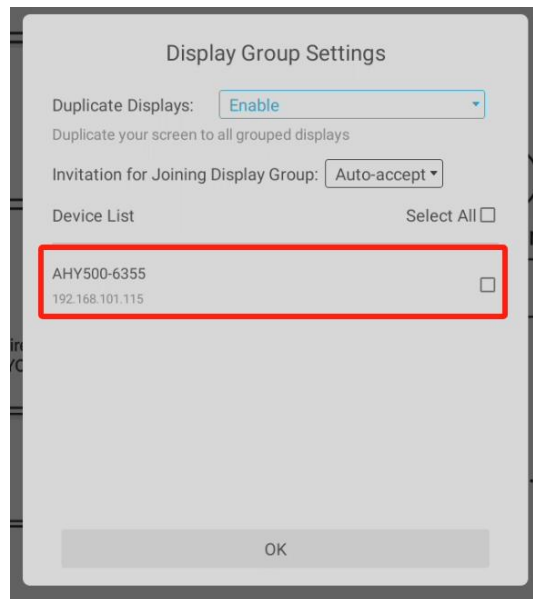
2. BYOD Sender QR Code Download (For mobile phones and tablets).
3. Hotspot Module Information.

4. Shortcut Buttons:

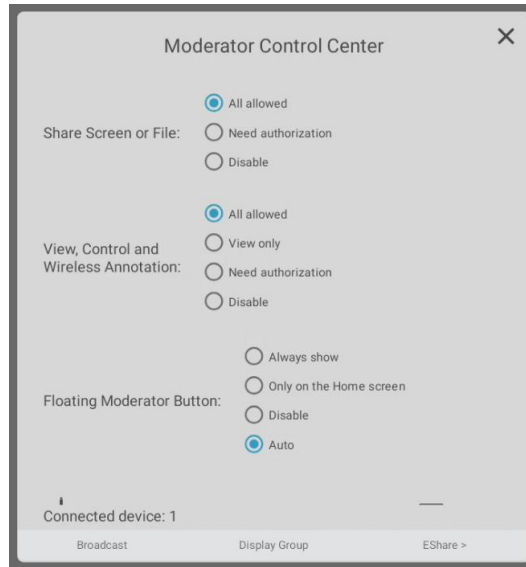
- All Applications : Click to enter the APP interface.



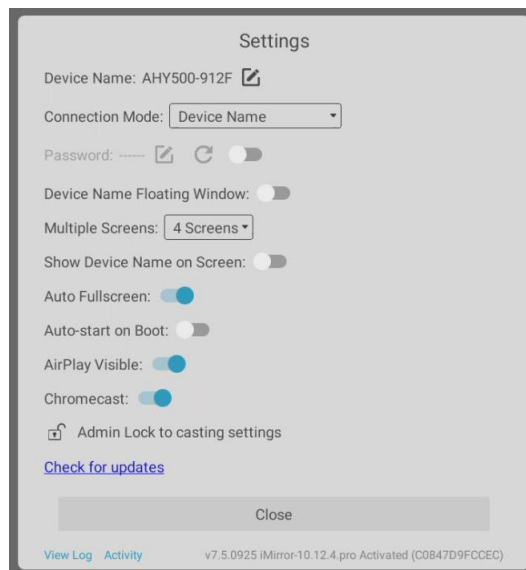
- Display Group : Click to open the Display Group Settings interface. When a second AHY500 device is connected to the same LAN, the screen can be wirelessly shared with the second AHY500.



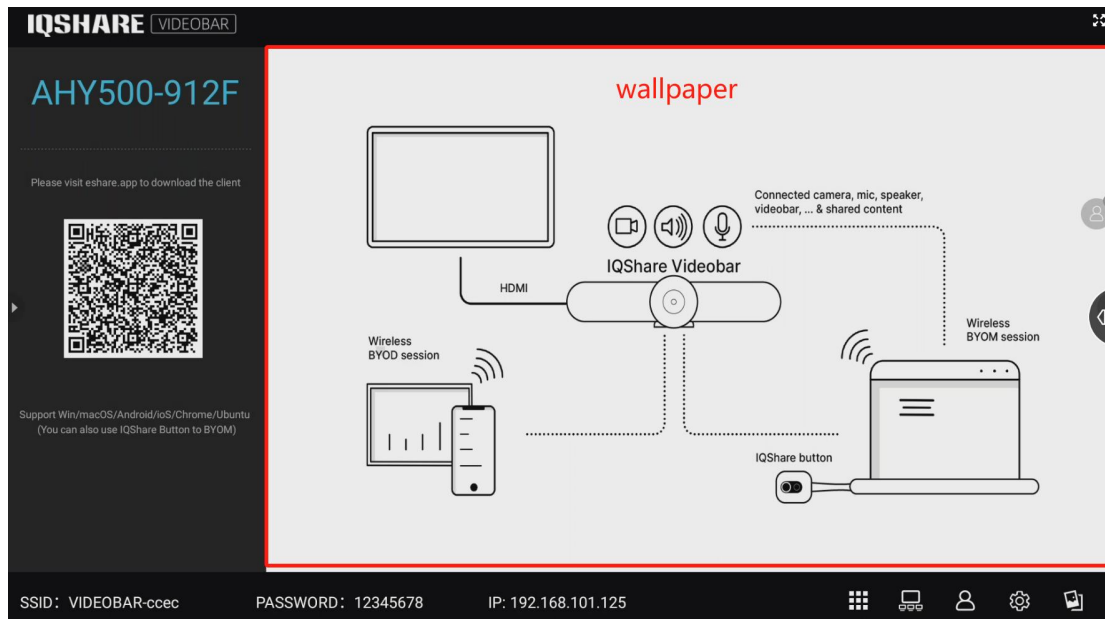
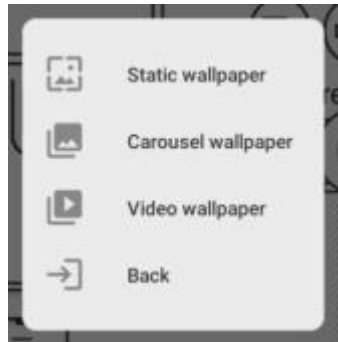
- Moderator Control Center : Click to open the Moderator Control Center interface, allowing screen sharing permission management for sender devices connected to AHY500.



- EShare Setting : Click to open the EShare Settings interface, where you can configure screen sharing password, multi-screen display, etc.

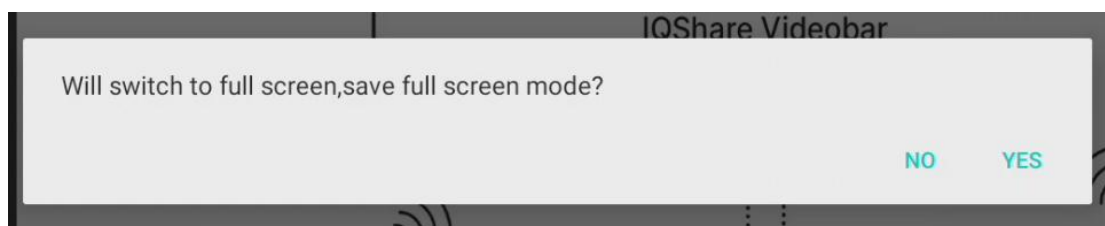


- wallpaper : Click to open wallpaper settings. Once set, the wallpaper will be displayed in the wallpaper area of the HOME page (red area).



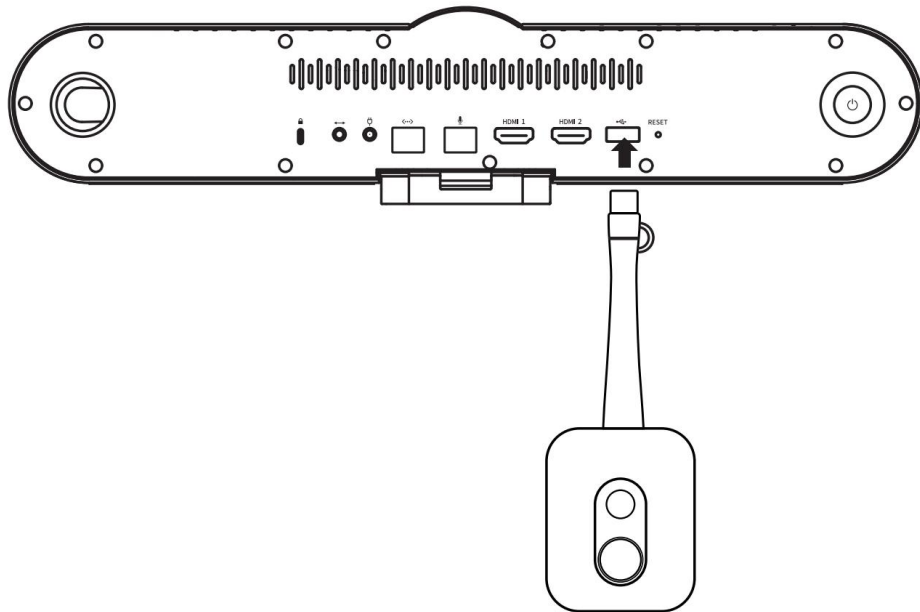
NOTE

Double-clicking the wallpaper area enables full-screen wallpaper display; press **[BACK]** on the remote control to exit full-screen mode.

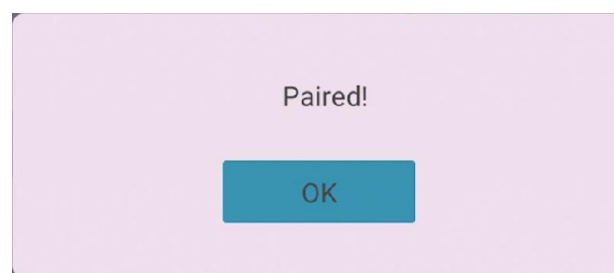


2.2. Pairing the IQShare Button (First-Time Use)

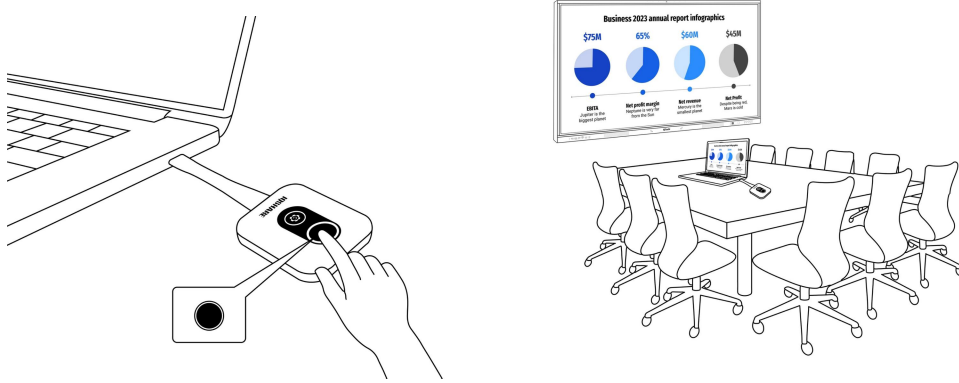
The IQShare Button should be paired with the IQShare AHY500 for the first time connection. Plug the IQShare Button into the USB port of IQShare AHY500. It will pair automatically after pressing the button of the IQShare Button. Pull out IQShare Button after pairing successfully.



When pairing is complete, a confirmation window will appear on the display and the LED on the Button will turn white.



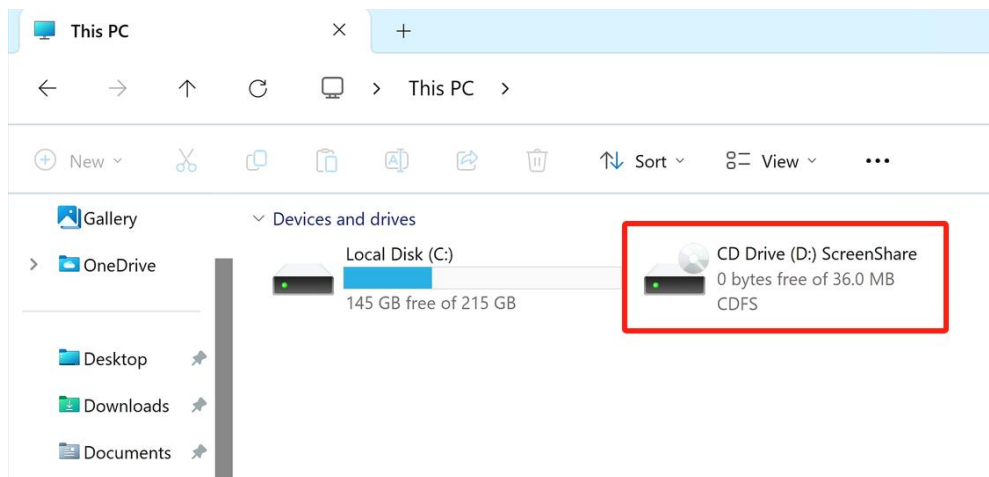
When the LED turns white, press the present button to start presenting. The screen of your personal device will be shared on the display.



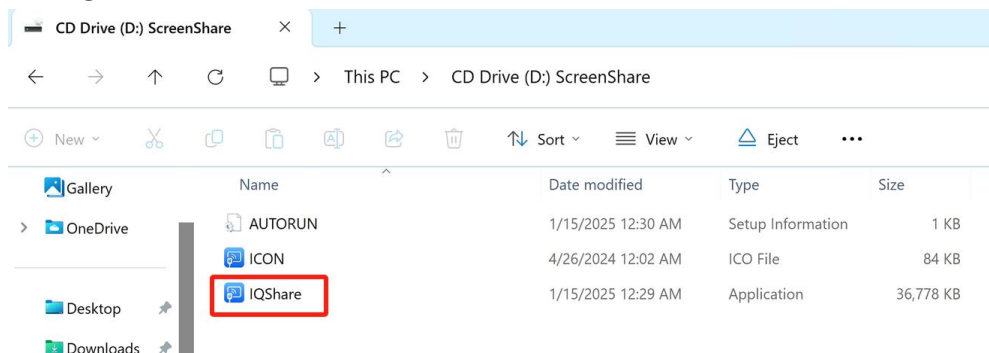
2.3. Pairing the IQShare Button (Wireless)

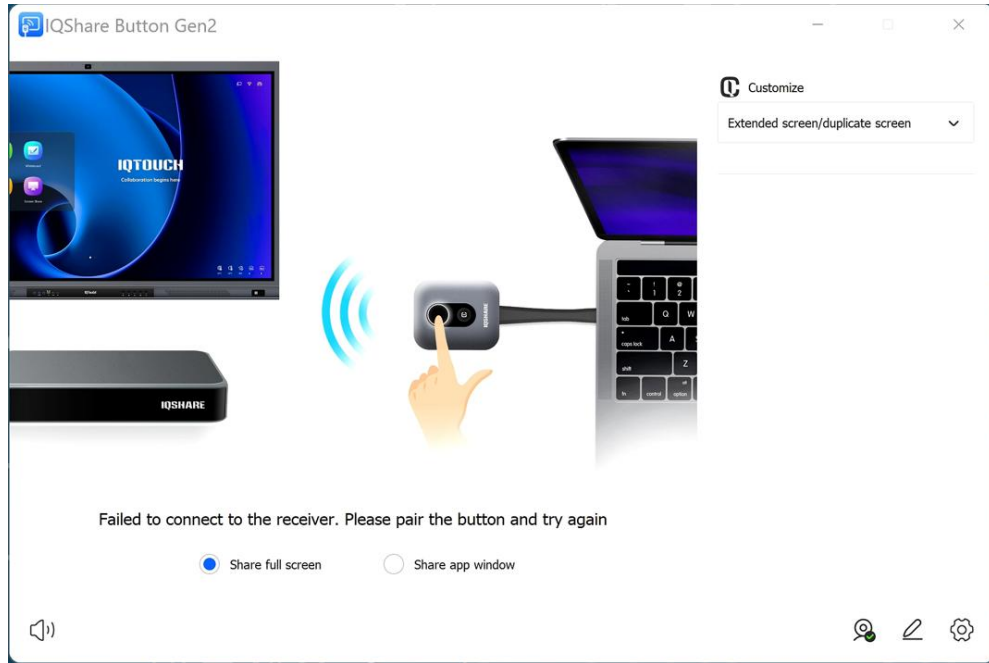
Insert the IQSHARE Button into the USB port or Type C port of your Windows PC;

This PC->Devices and drives->ScreenShare

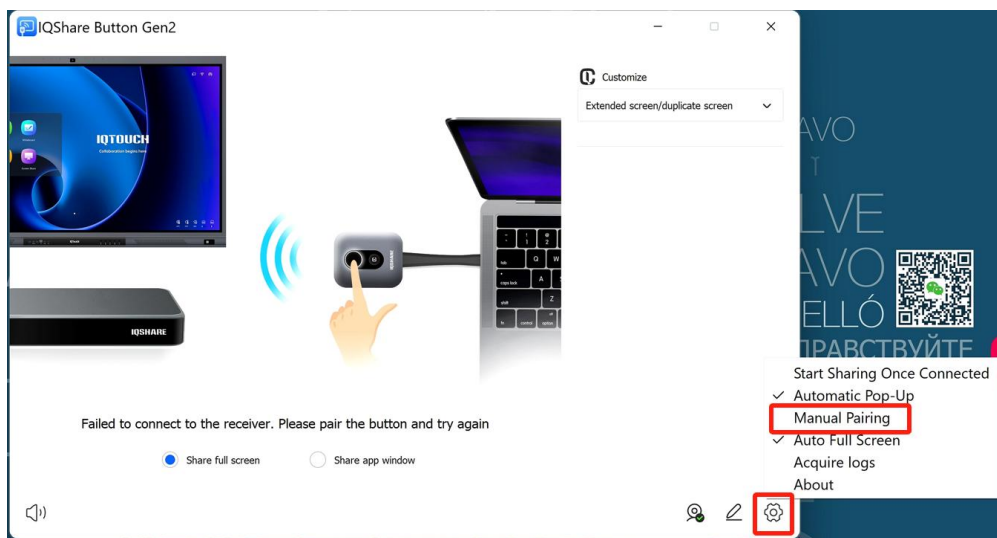


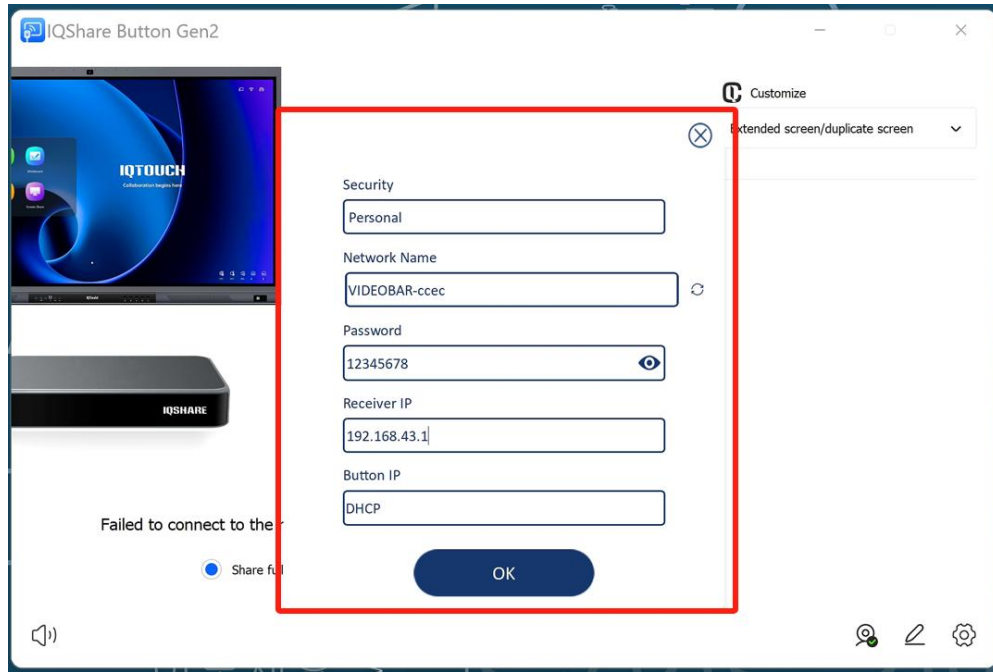
Double-click to run the IQShare application and enter the IQSHARE Button settings interface;





Click the Setting icon and select Manual Pairing to enter the wireless pairing window.



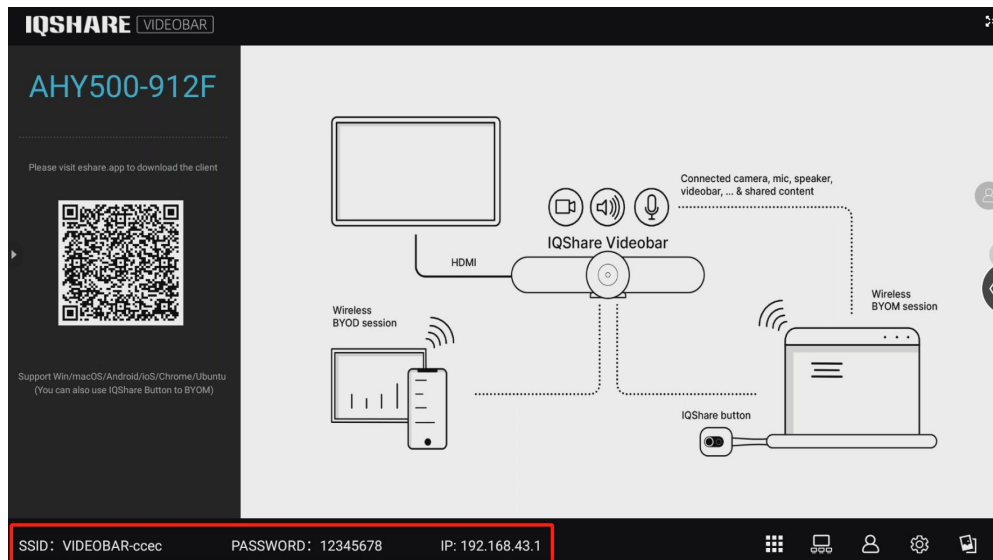


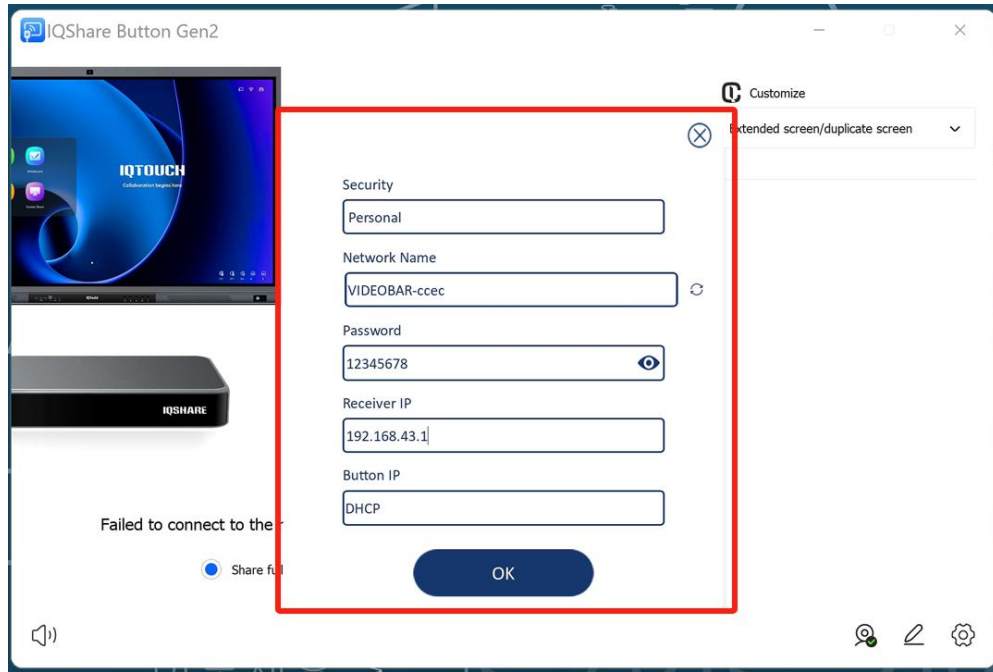
Fill in the hotspot information under the AHY500 Home interface into the IQSHARE Button wireless pairing window:

Network Name=SSID;

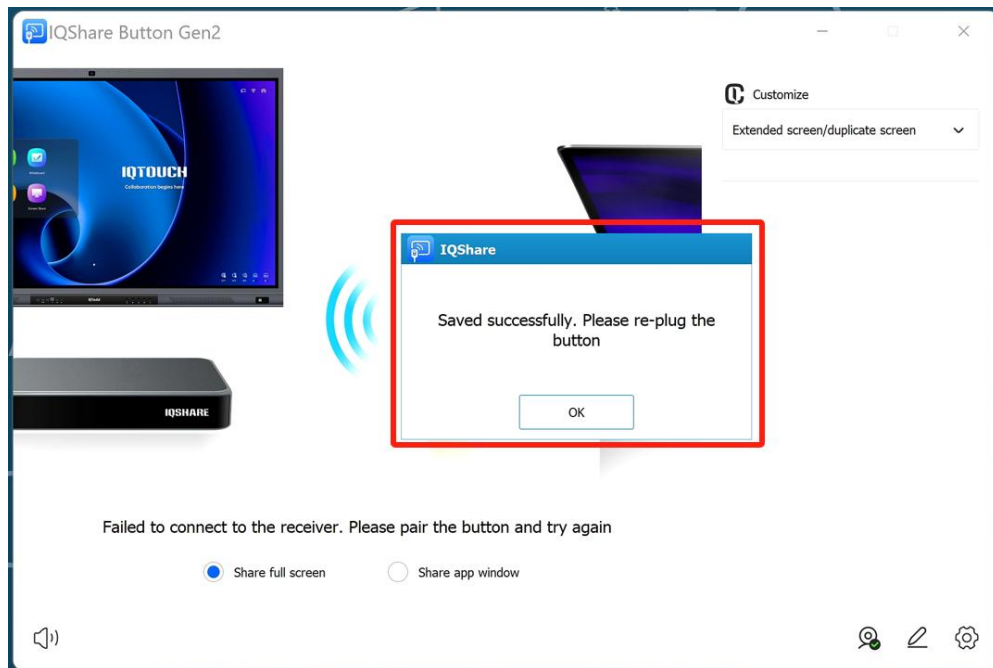
Password=Hotspot password;

Receiver IP=Hostpot IP (192.168.43.1) ;



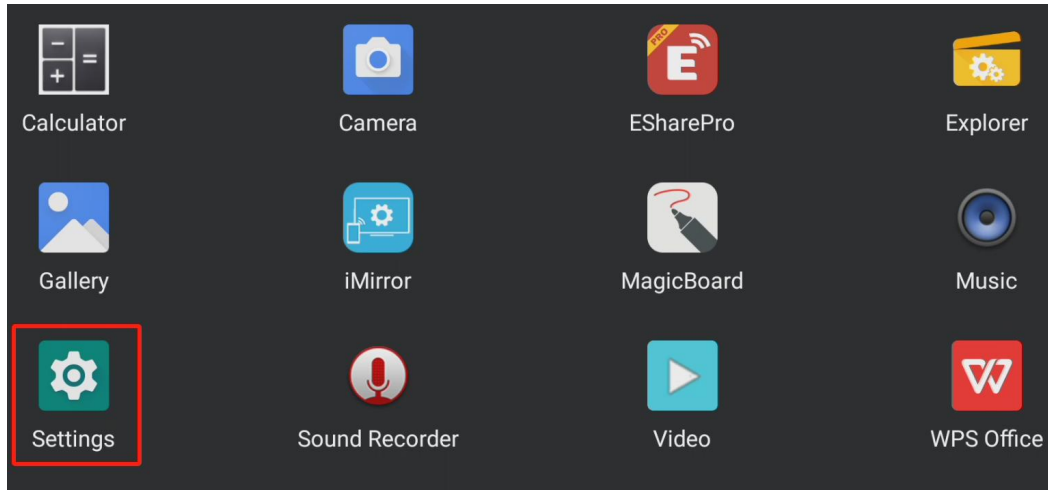


After the pairing is successful, a prompt box will pop up. Re-insert the IQSHARE Button into the PC to complete the screen casting.



2.4. Network settings

Apps->System Setting->Network&internet

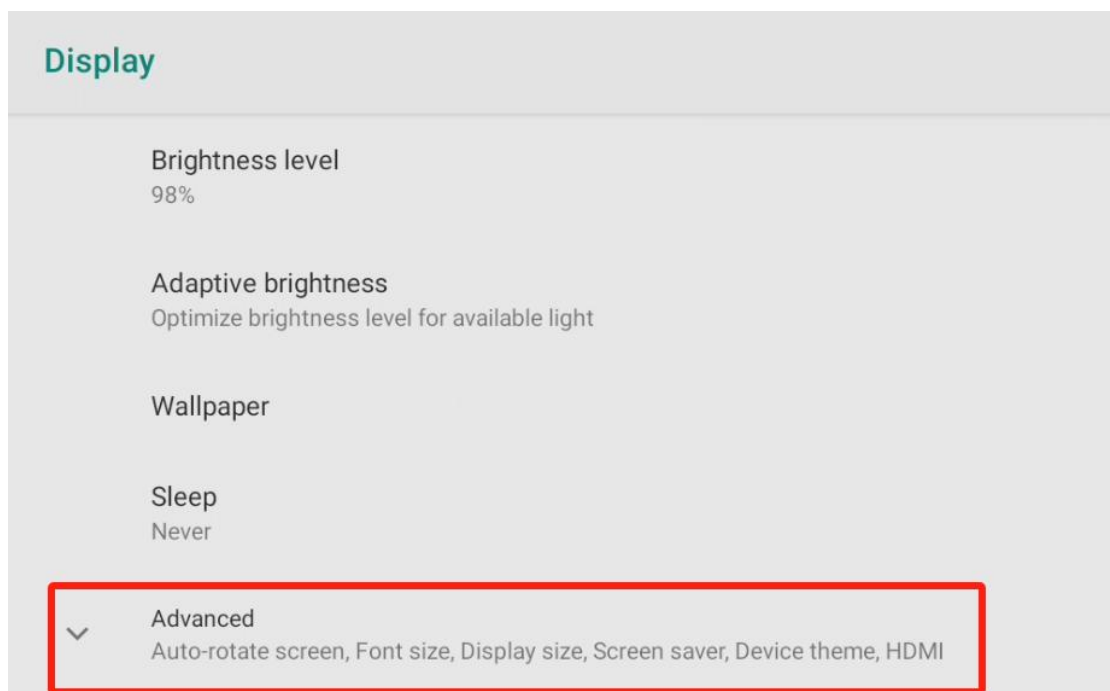
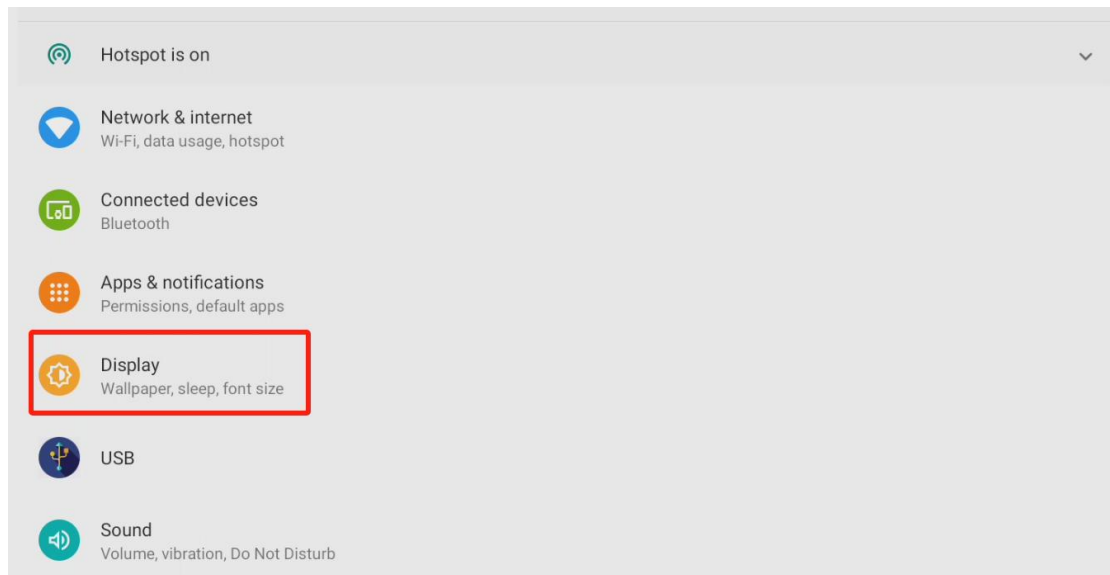


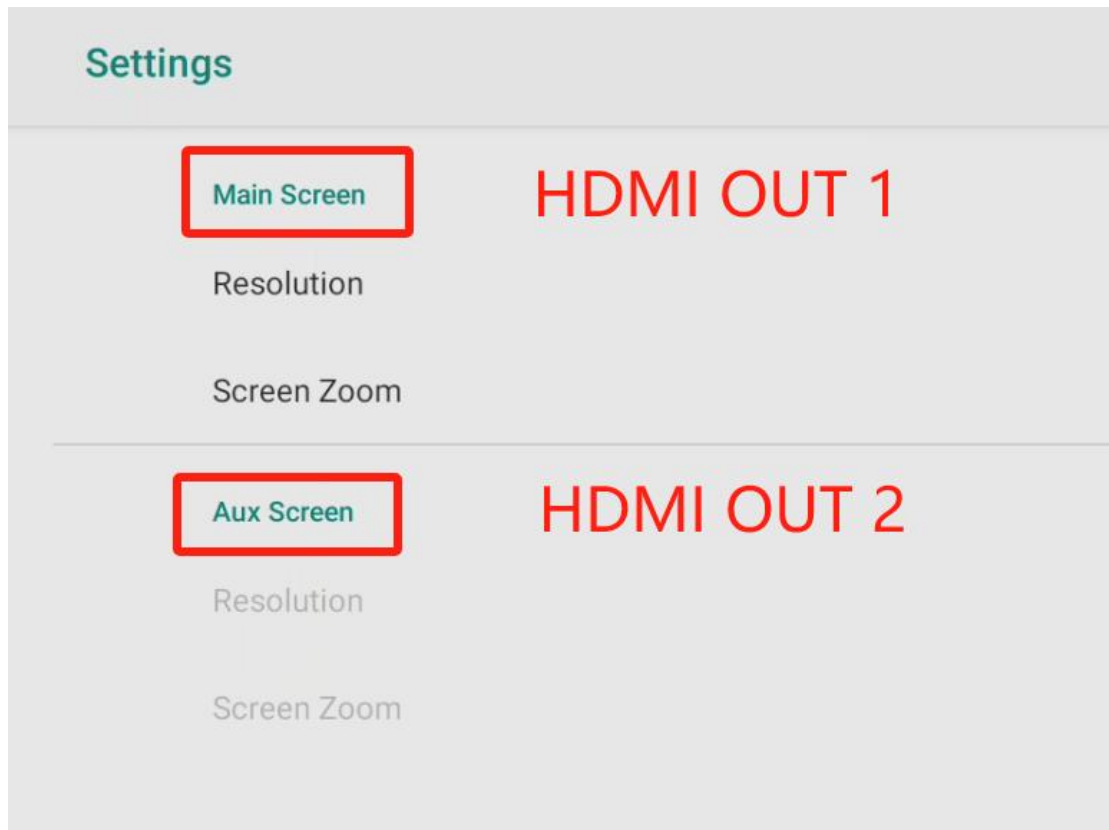
NOTE

- When using the device with the IQSHARE Button, please use Ethernet for internet access.
- The AHY500 hotspot is enabled by default. When connecting via Wi-Fi, the hotspot will be disabled, and the IQSHARE Button will not function.

2.5. HDMI OUT 1/2 Resolution Setting

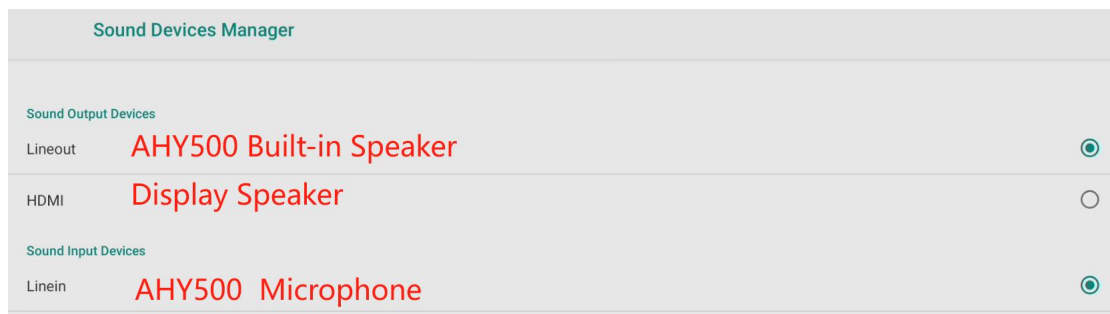
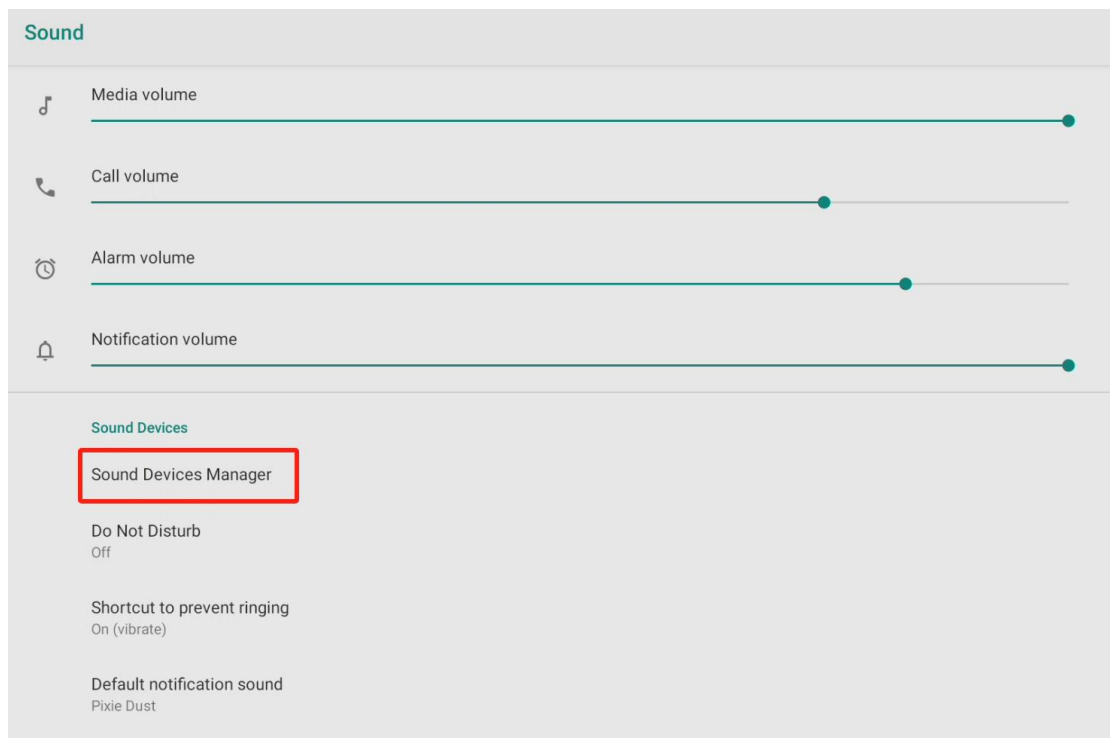
Apps->System Setting->Display->Advanced->HDMI





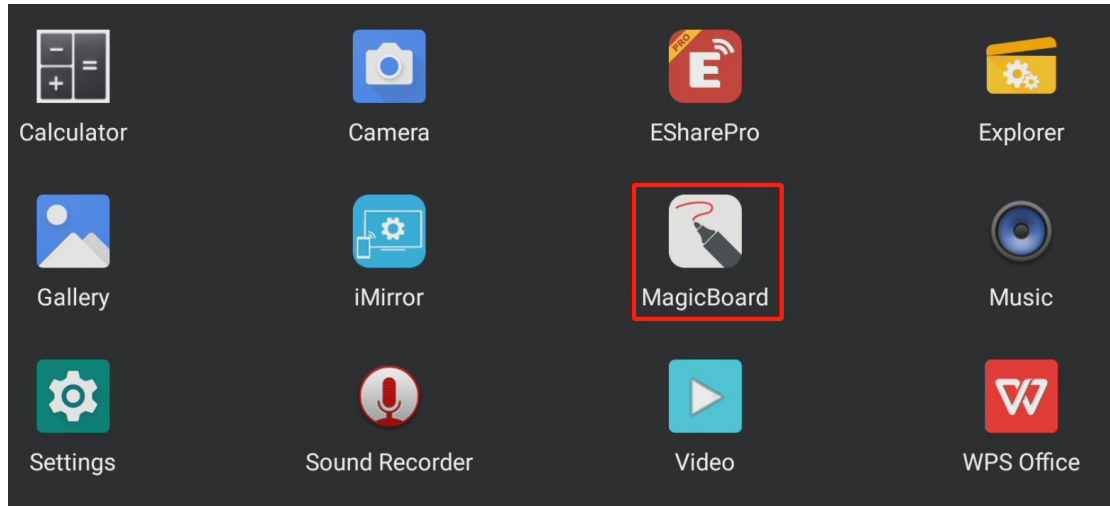
2.6. Sound Setting

Apps->System Setting->Sound->Sound Devices Manager

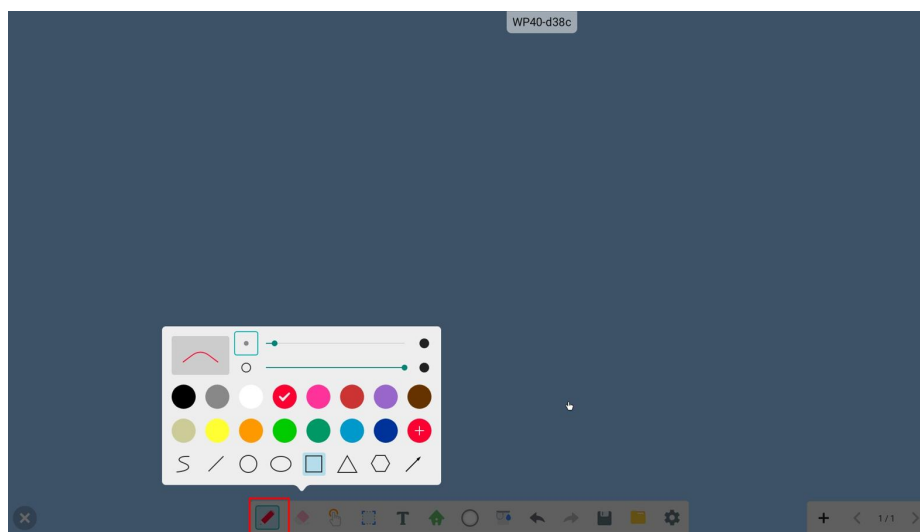


2.7. Built-in Whiteboard (MagicBoard)

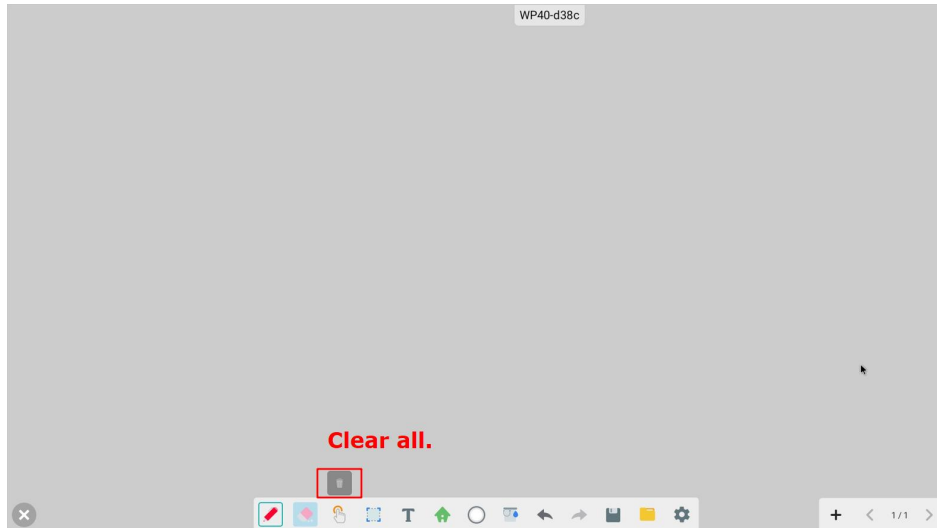
Click the icon to open Whiteboard:



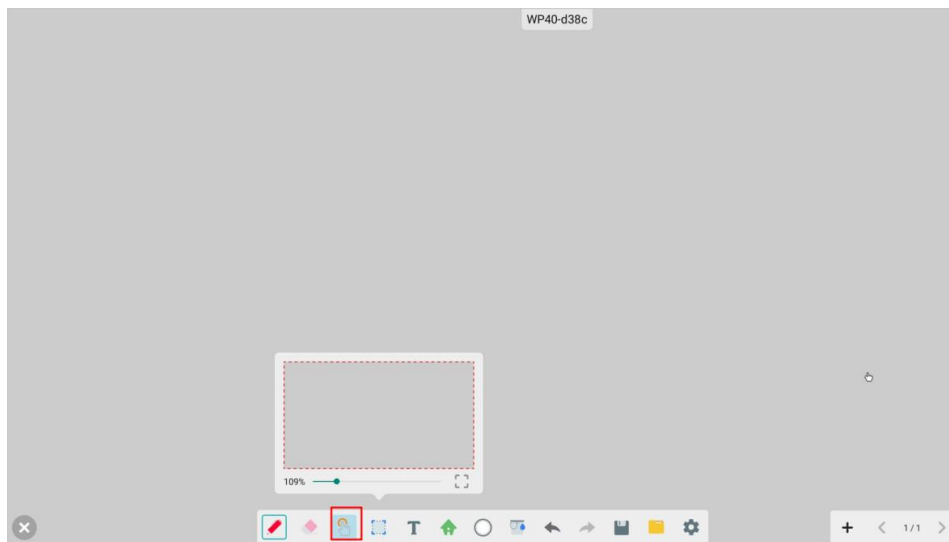
Pen: Color, Size, Shape are all changeable.



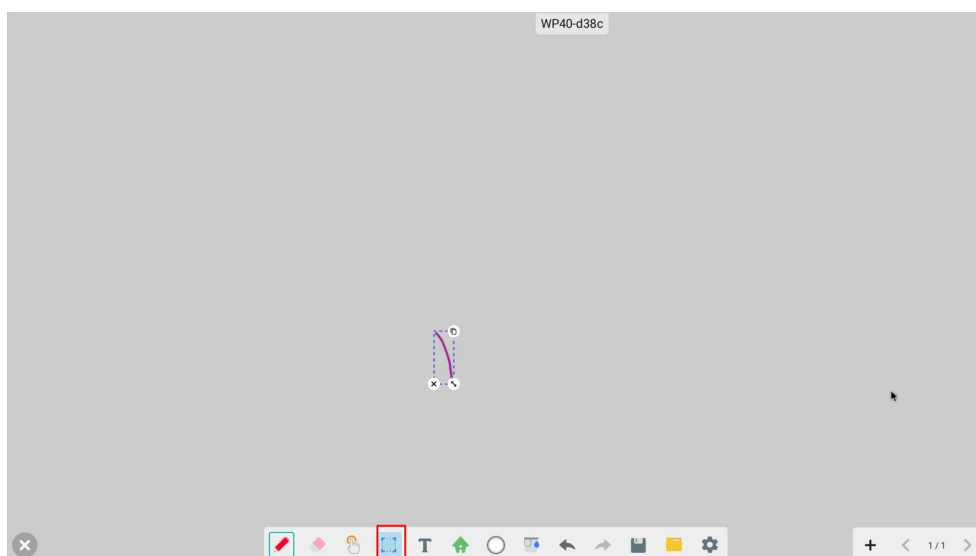
Eraser: support Palm eraser or one click to clear all.



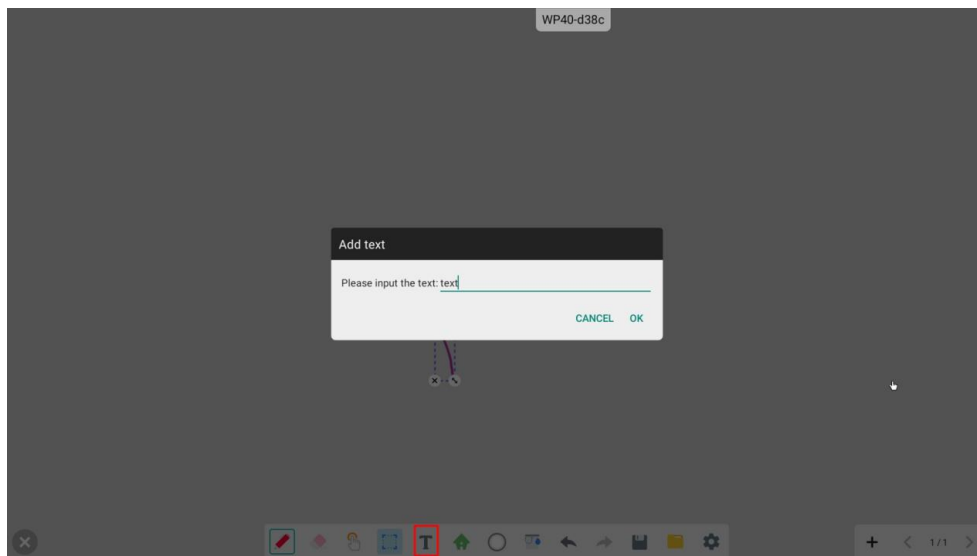
Map: control the size of the map you are drawing.



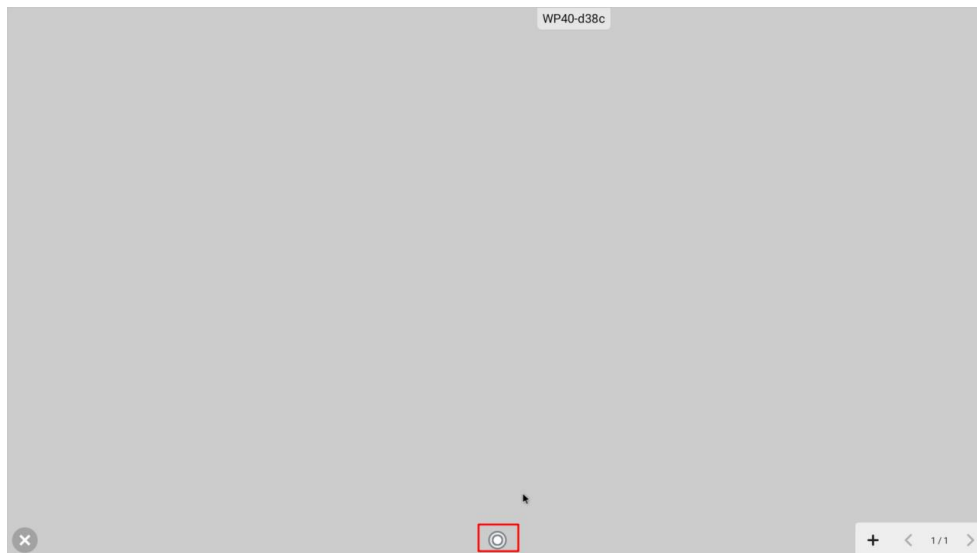
Editor: frame the content you want to edit, and then you could delete, copy or extend.



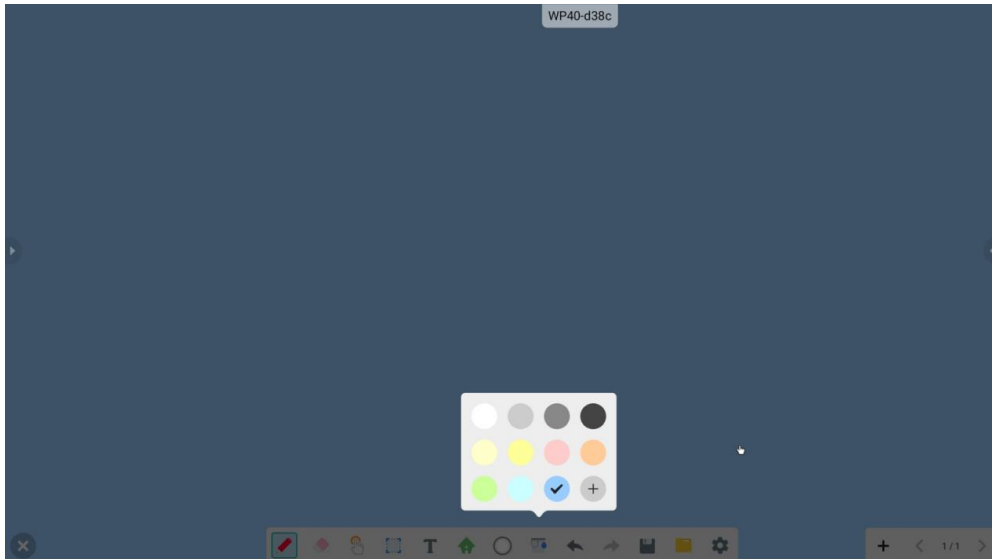
Text: input the text on the whiteboard.



Tool button: hide or extend the tool bar.

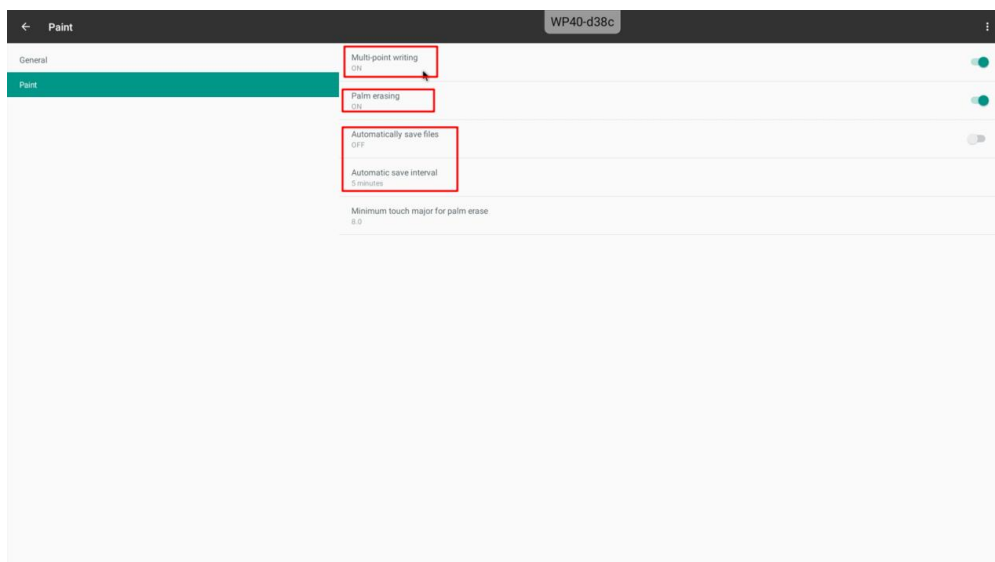


Background color: change the background color as you want.



Settings:

- **Palm eraser switcher:** control the function of palm eraser.
- **Muti-point writing:** control muti-touch function.
- **Auto save file and interval:** auto save the file at a certain time interval to avoid losing important content.



3.BYOD

BYOD means bring your own device. IQShare AHY500 supports abundant BYOD solution to cast your personal screen including: Dongle cast, App cast, Protocol cast, Webcast.

3.1. Dongle cast

There are 2 types of IQShare dongle available for choice: Type-C Dongle and HDMI Dongle. Each dongle is with two buttons, a main button for casting by one click, and the other is a quick access button for setting customized function.

【Type-C Dongle】



Main button & screen casting:

- Use the USB adaptor to pair Type-C dongle with AHY500, if the main button shows flashing white light, it means the dongle is pairing with the AHY500.
- When the main button stops flashing and keeps a white light, it means the dongle has been paired with AHY500 successfully. (AHY500 also shows: paired successfully)
- If pairing is unsuccessful, the main button would keep flashing a red light.
- After pairing with AHY500, connect the dongle with your laptop without the USB adaptor, after the driver running and pop up: "please

click to cast your screen” , one click of the main button to cast your laptop screen, the light will keep as white if cast screen successfully.

- If you fail to cast screen, light would keep as red.
- If your laptop has only a USB port, you can use the USB adaptor for direct screen casting. It also functions as a USB dongle for seamless connectivity.

[HDMI Dongle]

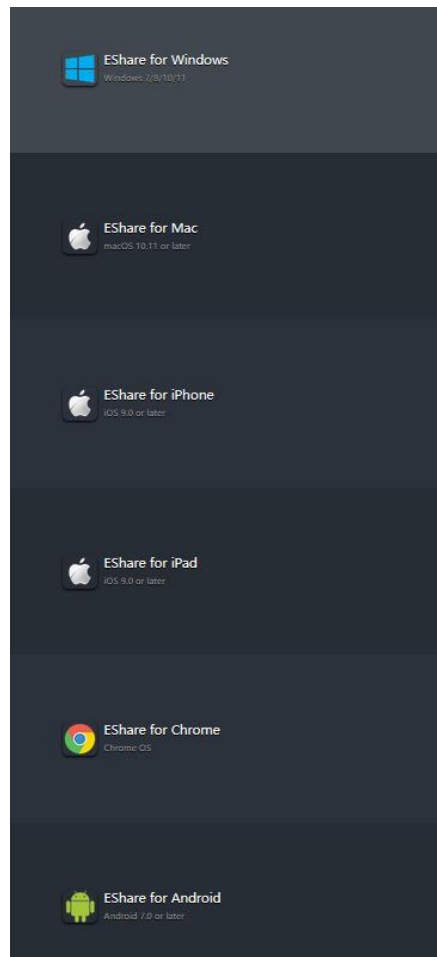


Main button & screen casting:

- Use the USB port to pair HDMI dongle with AHY500, main button shows :“flashing white light”means dongle is pairing with the AHY500.
- When main button stop flashing and “ keep white light ” , means dongle has paired with AHY500 successfully. (AHY500 also shows: paired successfully)
- If pairing unsuccessful would show “red light flashing” .
- After pairing with AHY500, connect dongle with PC by both USB and HDMI port, (USB port for power supply and touch feedback, HDMI port for AV transition).After driver running and pop up: “please click to cast your screen” , one click of the main button to cast the screen, the light will keep as white if cast screen successfully.
- If you failed to cast screen, light would keep as red.

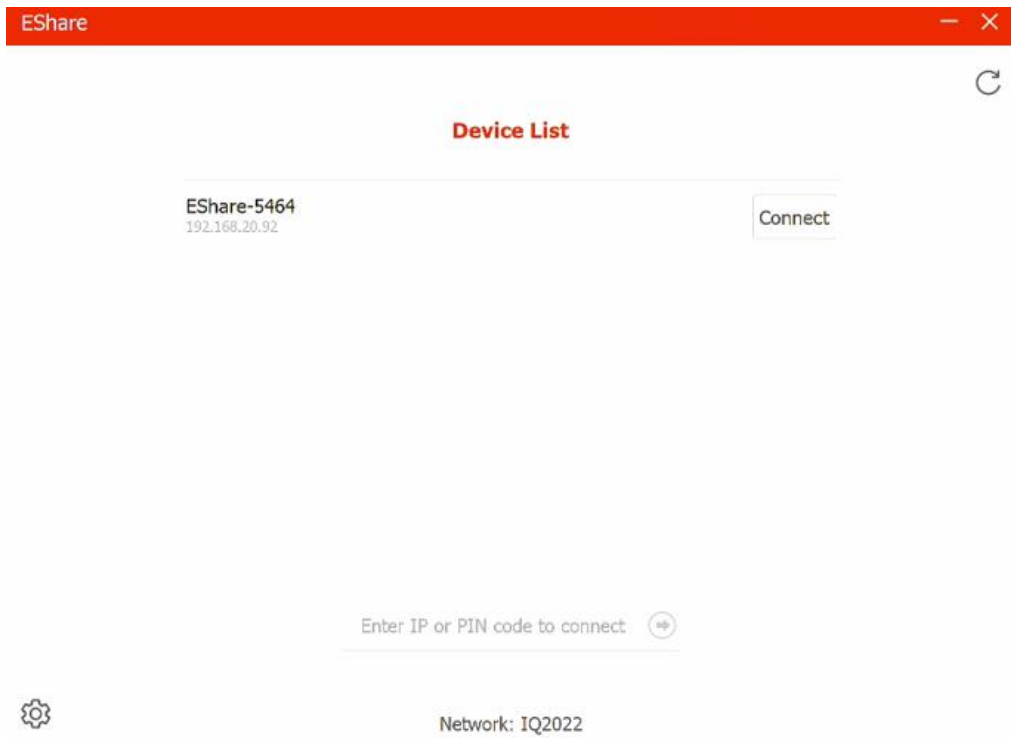
3.2. APP Cast

Application support Windows, Android, Mac OS, iOS, iPadOS, Chrome, Ubuntu etc. Application download link: <https://eshare.app/#>

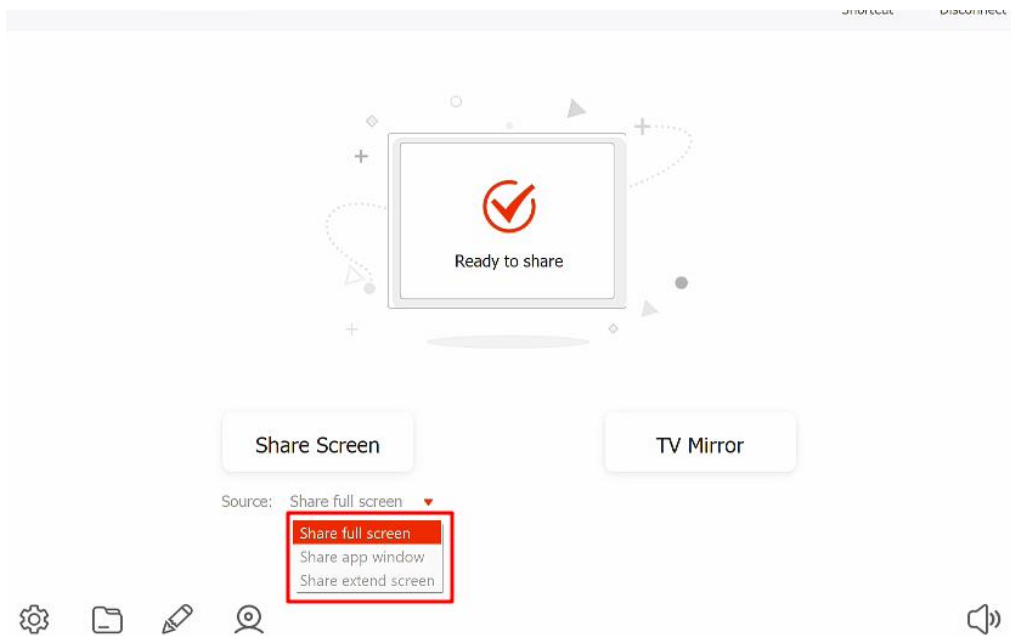


3.2.1. PC application guidance-Windows

Firstly connect your PC to the hotspot of AHY500 or to the same wifi of AHY500. Choose the target device you would like to cast and connect.(according to device name or IP)



One click to cast your full screen、app window or extend screen.



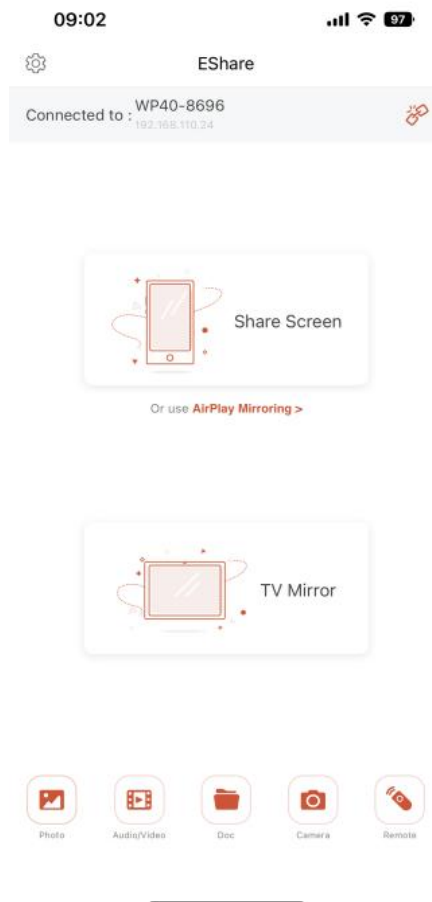
TV Mirror:

Share the screen of the room display to all the participants, under

moderator mode it's suggested to set **"Share Screen or File"** as **"Need authorization"**, set **"View,Control and Wireless Annotation"** as **"View only"** to allow all participants to view the screen without control access.

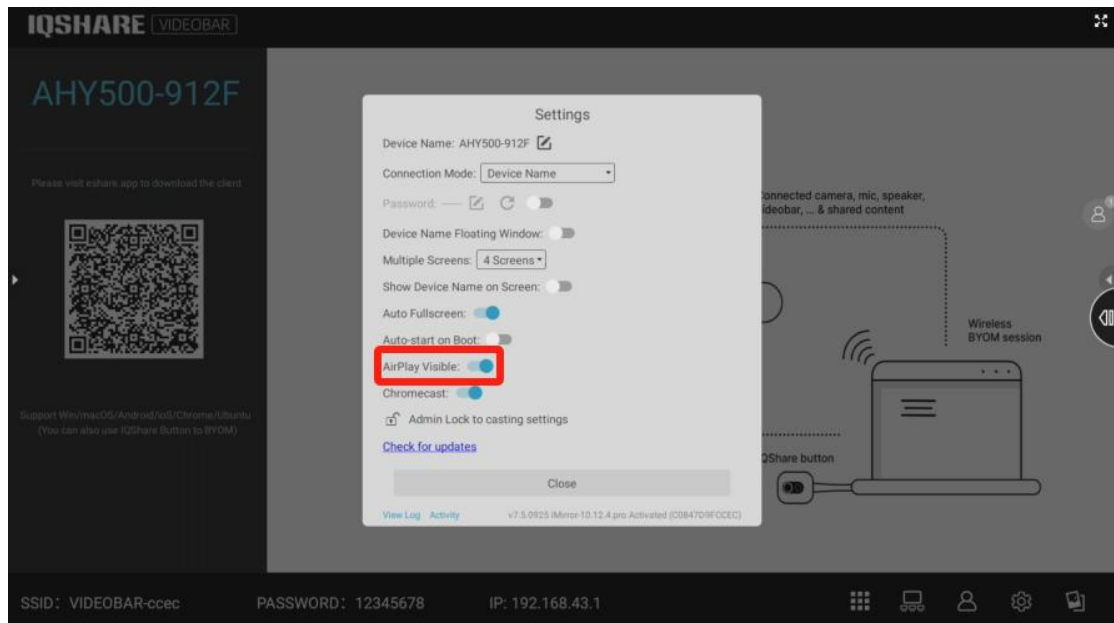
3.2.2. Mobile application guidance-Android

- One Click the **"Share Screen"** to cast screen to AHY500 under LAN.
- One Click the **"TV Mirror"** to fetch content from the big screen shared by others.
- Photo, Audio/Video, Document could be cast separately to the screen of AHY500.
- Camera: could cast camera view of mobile phone to the screen of AHY500.
- Remote: could use mobile phone as a mouse or remote of the AHY500.

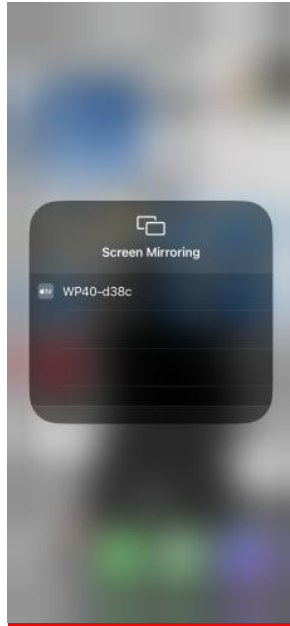


3.3. Protocol Cast

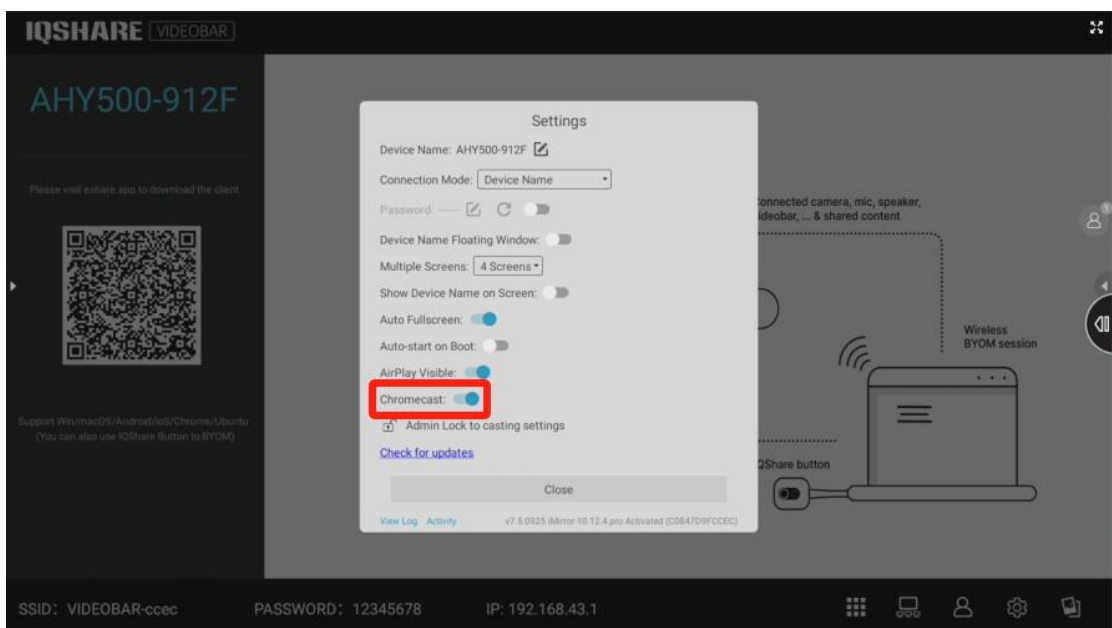
【Airplay】



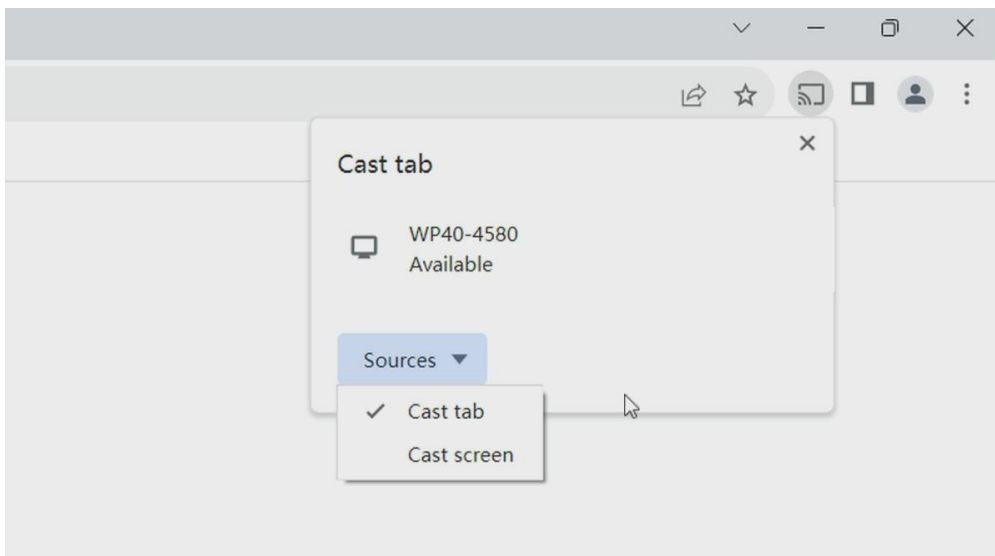
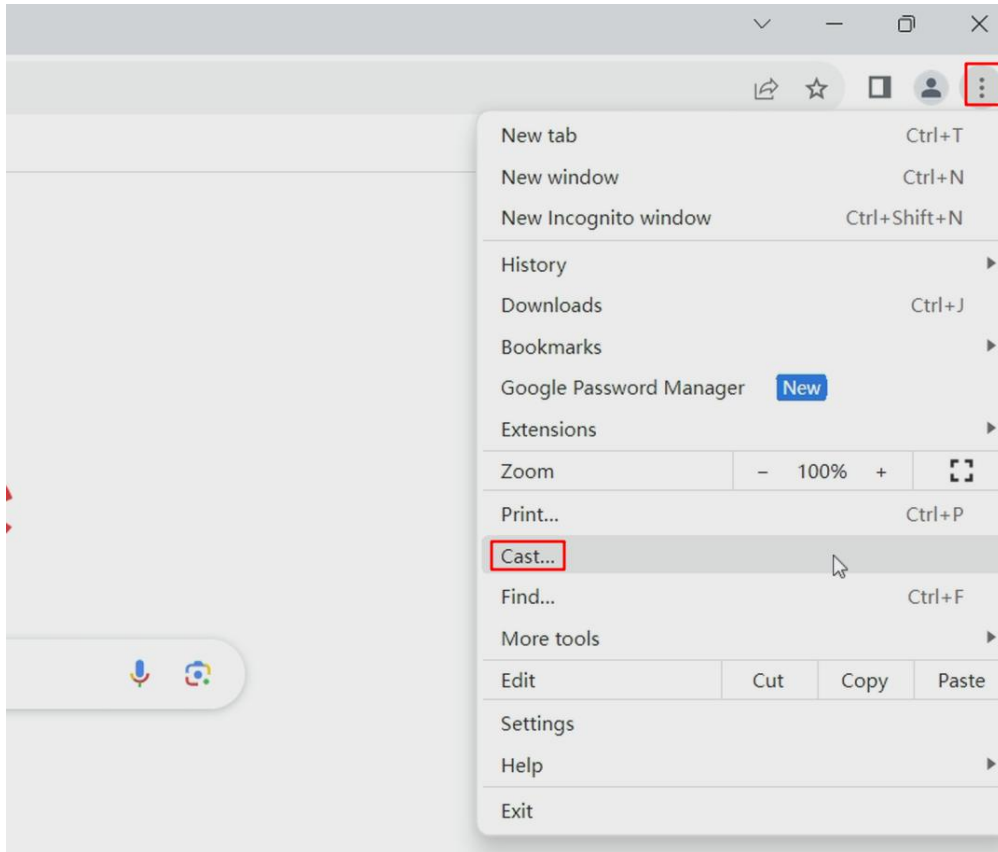
- Enable Airplay, connect iPhone or MacBook to the same wifi or hotspot of AHY500.
- Choose the AHY500 device you would like to cast.
- One click to cast.



【Chrome cast】

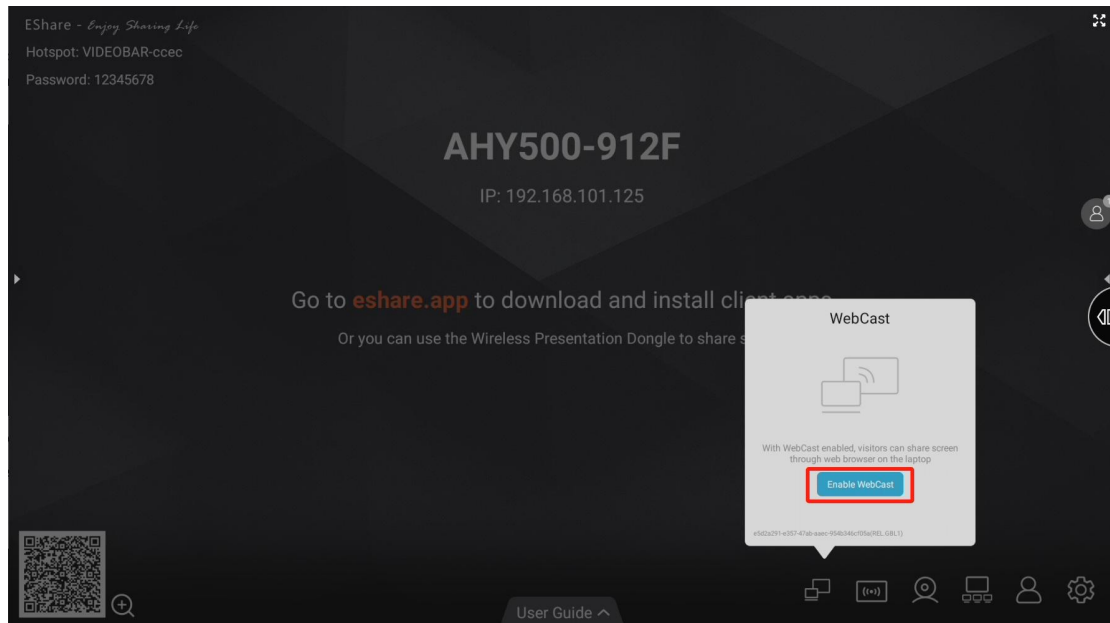


- Enable Chromecast, connect your Chromebook or Chrome browser device to the same wifi or hotspot of AHY500.
- Choose the AHY500 device you would like to cast.
- One click to cast. (Cast window is optional)



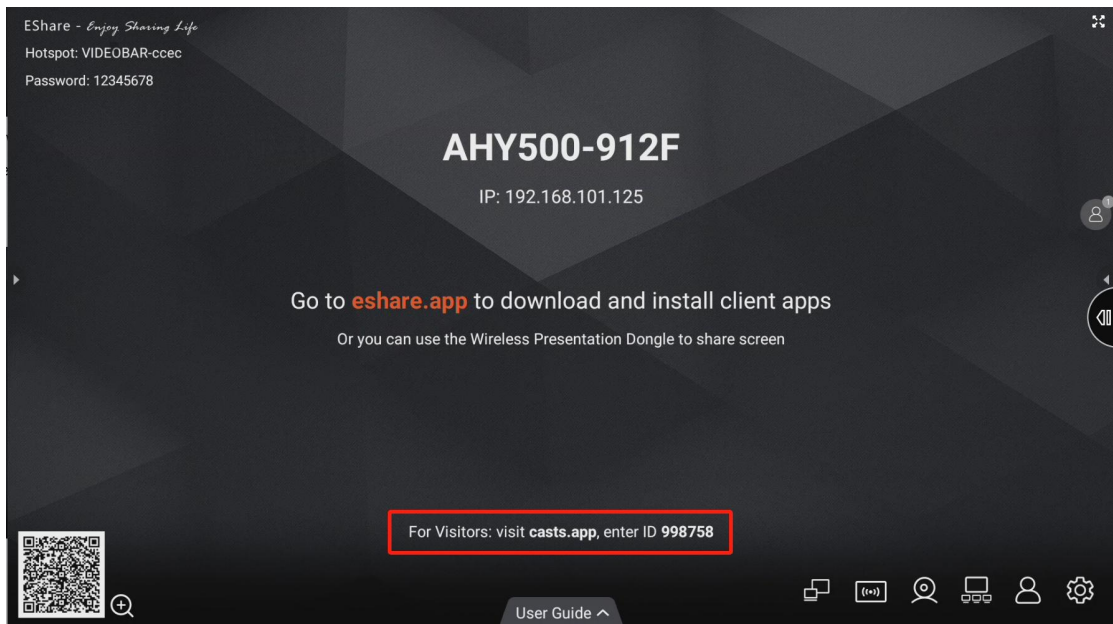
3.4. Webcast of EShare

Webcast is well known for sharing your screen through Internet without the limitation of local area network. No matter where you are, as long as your PC connects to the Internet and your PC is with a browser, you could cast your screen to remote AHY500 with assigned ROOM ID.



Enable the webcast function from EShare app.

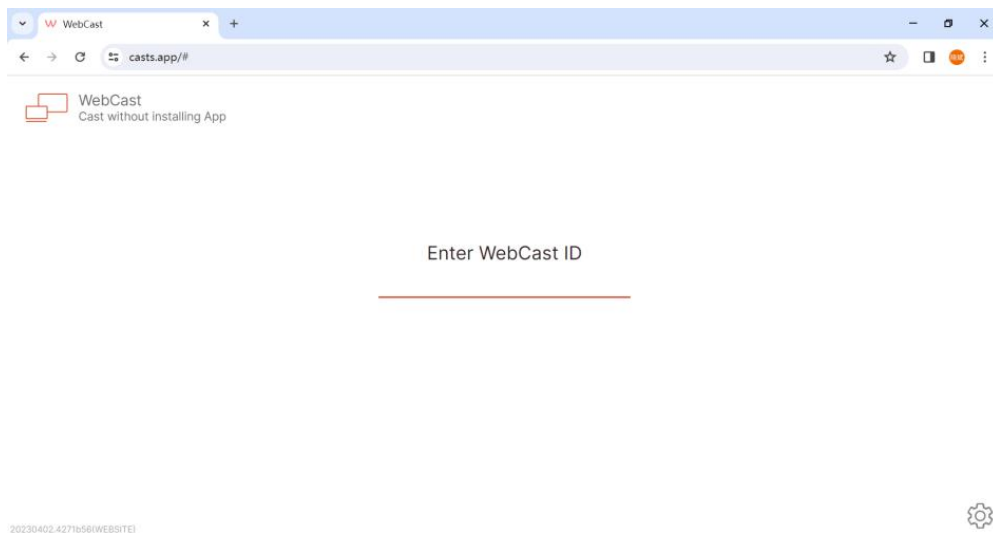
Visit the website: casts.app by Chrome browser or others, and enter the room ID:



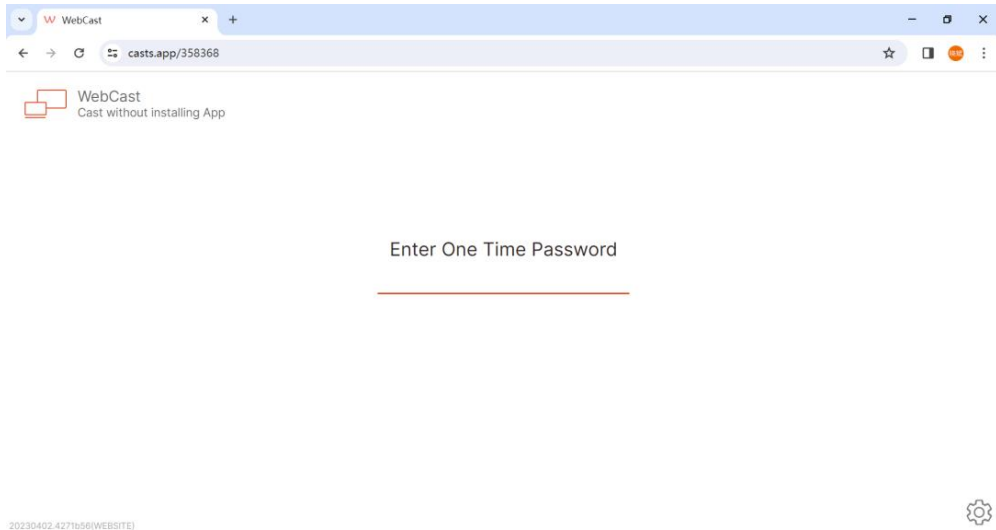
NOTE

If you cannot see the link and room ID, only IP shows, it means AHY500 is not connecting to the Webcast Server, double check the Internet issue and retry.

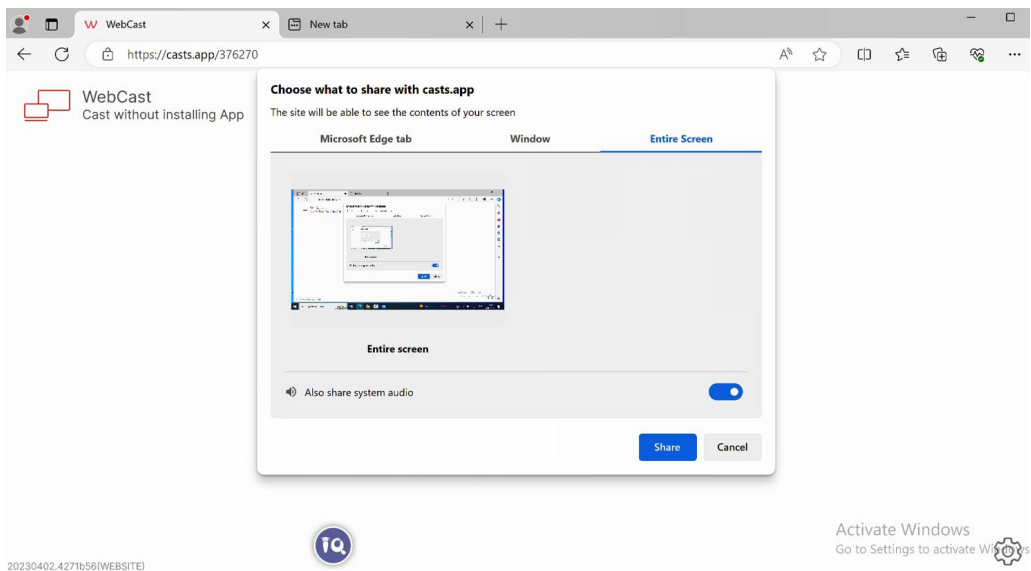
Enter ROOM ID :



Enter One-time PASSWORD: (Valid within 2 minutes)



Select the Windows you want to cast, and choose whether to share audio:



During casting: you could pause cast, stop cast or disable system audio casting.



Casting to WP40-d38c



20230402.4271b56(WEBSITE)

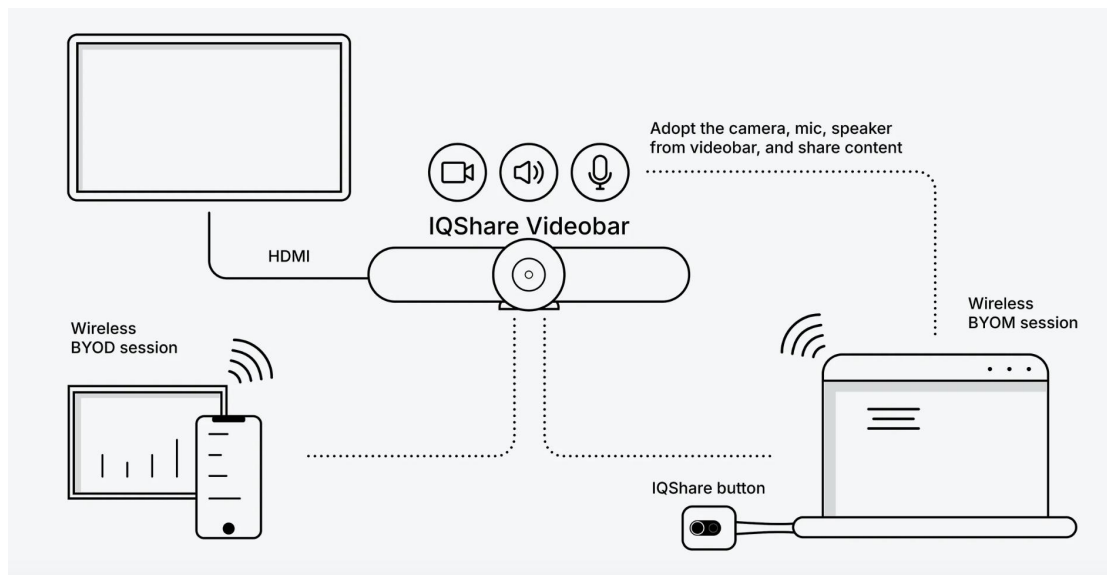


4.BYOM

BYOM stands for Bring Your Own Meeting. It allows users to wirelessly use in-room audio-visual devices like camera, microphone, speakers directly connected to AHY500 through USB.

NOTE

Only IQ devices are for sure compatible with AHY500 for the BYOM solutions, other brand USB devices need extra testing.



Start a video call with your preferred platform:

1. Open your UC software (e.g., Zoom, Microsoft Teams, Cisco Webex) on your PC;
2. Connect the IQShare Button to your PC;
3. Open the conference software of PC and select "BYOM Camera" "BYOM microphone" "BYOM speaker" to wirelessly use the AHY500 for video conferencing.

