

IQSHARE Button

Gen 2

—User Manual—



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1. Introduction

IQSHARE Button Solution is a wireless screen-sharing solution that allows users to display their laptops or other personal devices to a presentation display without needing to install software or drivers.



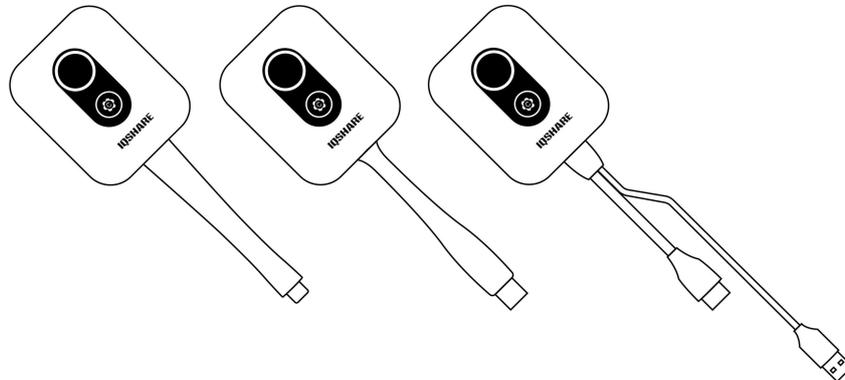
1.1. Product features

The product is equipped with the following features:

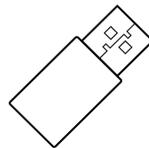
Features	Description
Dual Button	One for wireless projection and the other is for customized accessibility options, including features like screen freeze, screen expansion, screen exclusivity, etc.
Plug & Play	Plug the transmitter into your laptop and simply press the button to initiate screen sharing. No installation is required.
No Software Needed	No need to install any software on your device.
Touchback	Use the touchscreen display in the room to control the device you're sharing from.
OS Independent	Compatible with Windows, Mac, Chrome, Android, and Linux.
4K Display	Supports up to 4K 30Hz screen display.

1.2. Package contents

IQSHARE Button (USB/HDMI/TYPE C) *1



Type-C to Type-A USB Adapter*1 (For TYPE C Button only)



Certificate of Conformance & Warranty Card

IQ Nex Warranty Card	
Maintenance Record	
Product Name: _____	Defect: _____
Product Model: _____	Maintenance Result: _____
Dealer Name: _____	Maintenance Date: _____
Dealer Tel: _____	User Signature: _____
Purchase Date: _____	Maintenance Staff Signature: _____
User Name: _____	Dealer Seal: _____
User Tel: _____	



Desiccant Packet



1.3. Product specifications

Models	U3 (USB)
Supported system	Windows 7/8/10, Mac10.15 and above
Touch Back Control	10 Points (Windows), Mouse Mode(Mac)
Wireless Transmission Protocol	IEEE 802.11 a/b/g/n
Wi-Fi standard	2.4 GHz & 5 GHz
Wireless Transmission frame rate (depending on environment)	BYOD mode: Up to 30FPS
Input Resolution	BYOD mode: Up to 4K 30FPS
Video standard	N/A
Audio rate	16bit 44KHz
Distance (between Button and IFPD/BOX)	Max. 30m (Depend on network condition)
Authentication Protocol	WPA2 Personal (WPA2-PSK)
Security (encryption)	AES
Cable	USB Type A
Button	Cast Button*1; Custom Button*1 (Only Windows and Mac OS are supported) ;
Transmit power of wireless	2.4GHz: 17.87 dBm 5.1GHz: 15.94 dBm 5.8GHz: 13.86 dBm
Power	5V,0.5A, Max 2.5W
Temperature range	Operating: 0°C to +40°C (+32°F to +104°F) Storage: -10°C to +60°C (+14°F to +140°F)
Humidity range	Operating: 10% to 80% relative humidity Storage: 5% to 90% relative humidity
Dimension (W*H*D)(mm)	63*175*17
Weight(g)	85
Models	H3 (HDMI)
Supported system	Windows7/8/10, Mac OS, Chrome OS, Android, Linux; Any device supports HDMI output:
Touch Back Control	10 Points (Linux, Windows, Chrome), Mouse Mode(Mac)
Wireless Transmission Protocol	IEEE 802.11 a/b/g/n
Wi-Fi standard	2.4 GHz & 5 GHz
Wireless Transmission frame rate (depending on environment)	BYOD mode: Up to 60FPS BYOM mode: Up to 30FPS
Input Resolution	BYOD mode: Up to 4K 30FPS

	BYOM mode: Up to 720P 30FPS
Video standard	HDMI 1.4
Audio rate	16bit 44KHz
Distance (between Button and IFPD/BOX)	Max. 30m (Depend on network condition)
Authentication Protocol	WPA2 Personal (WPA2-PSK)
Security (encryption)	AES
Cable	USB Type A; HDMI
Button	Cast Button*1; Custom Button*1 (Only Windows and Mac OS are supported) ;
Transmit power of wireless	2.4GHz: 17.87 dBm 5.1GHz: 15.94 dBm 5.8GHz: 13.86 dBm
Power	5V,0.9A,Max 4.5W
Temperature range	Operating: 0°C to +40°C (+32°F to +104°F) Storage: -10°C to +60°C (+14°F to +140°F)
Humidity range	Operating: 10% to 80% relative humidity Storage: 5% to 90% relative humidity
Dimension (W*H*D)(mm)	63*175*17
Weight(g)	97.5
Models	C4(TYPE C)
Supported system	Windows7/8/10, Mac OS, Chrome OS, Android, Linux; Any device supports full featured Type-C (DP Alt mode);
Touch Back Control	10 Points (Linux, Windows, Chrome), Mouse Mode(Mac)
Wireless Transmission Protocol	IEEE 802.11 a/b/g/n
Wi-Fi standard	2.4 GHz & 5 GHz
Wireless Transmission frame rate(depending on environment)	BYOD mode: Up to 60FPS BYOM mode: Up to 30FPS
Input Resolution	BYOD mode: Up to 4K 30FPS BYOM mode: Up to 720P 30FPS
Video standard	DP 1.2, eDP 1.4
Audio rate	16bit 44KHz
Distance (between Button and IFP/BOX)	Max. 30m (Depend on network condition)
Authentication Protocol	WPA2 Personal (WPA2-PSK)
Security (encryption)	AES
Cable	USB Type C(With Display Port Alternate

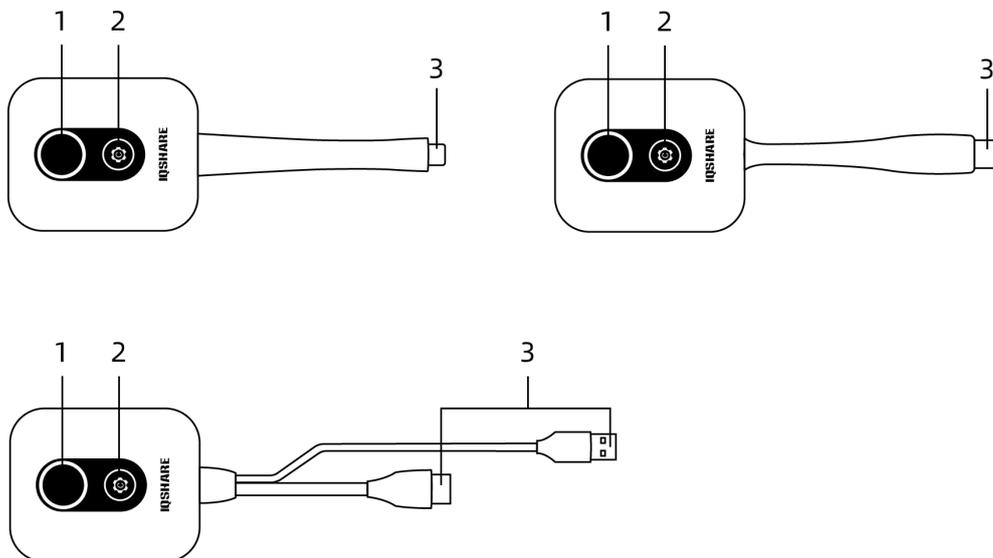
	Mode)
Button	Cast Button*1; Custom Button*1 (Only Windows and Mac OS are supported) ;
Transmit power of wireless	2.4GHz: 17.87 dBm 5.1GHz: 15.94 dBm 5.8GHz: 13.86 dBm
Power	5V,0.9A,Max 4.5W
Temperature range	Operating: 0°C to +40°C (+32°F to +104°F) Storage: -10°C to +60°C (+14°F to +140°F)
Humidity range	Operating: 10% to 80% relative humidity Storage: 5% to 90% relative humidity
Dimension (W*H*D)(mm)	63*175*17
Weight(g)	80

Note:

- Touchback is available on Windows & Mac.
- The transmission distance depends on many environmental factors; the stated transmission distance is based on direct line-of-sight.
- The customized button is available on Windows & Mac.

1.4. Overview

1.4.1 Button



- 1) Cast button with LED indicator
Press it to start or stop presenting.

2) Customized button

By default, the customized button is set to screen freeze. If you choose different actions, you can customize them through the settings interface. You can even select shortcuts to open an app or run a series of tasks.

3) USB Type-C/USB Type-A/HDMI connector

Connect to a computer or laptop.

1.4.2 LED indicator for the button

Please refer to the table below for detailed descriptions of the button's indicator and status.

LED MODE	STATUS
Solid - Purple	Button Initialization
Solid - White	Pairing Successful/Screen Casting
Blinking - White	Pairing in Progress
Solid - Red	Screen Casting Failed
Blinking - Red	Pairing Failed

2. Using IQSHARE Button Solution

To share content to your IQTOUCH or IQSHARE Box from any laptop with IQSHARE Button, use one of the options below:

2.1 Pairing your Button with the Devices

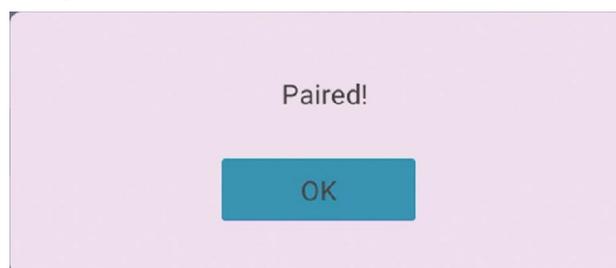
2.1.1 Pairing your IQSHARE Button

To start using IQSHARE Button, you must first install the IQSHARE Button to a USB Type A port on your IQTOUCH or IQSHARE Box. It is recommended to use a USB 3.0 port.

- 1) Connect the IQSHARE Button to the USB-A port on the front of your IQTOUCH.



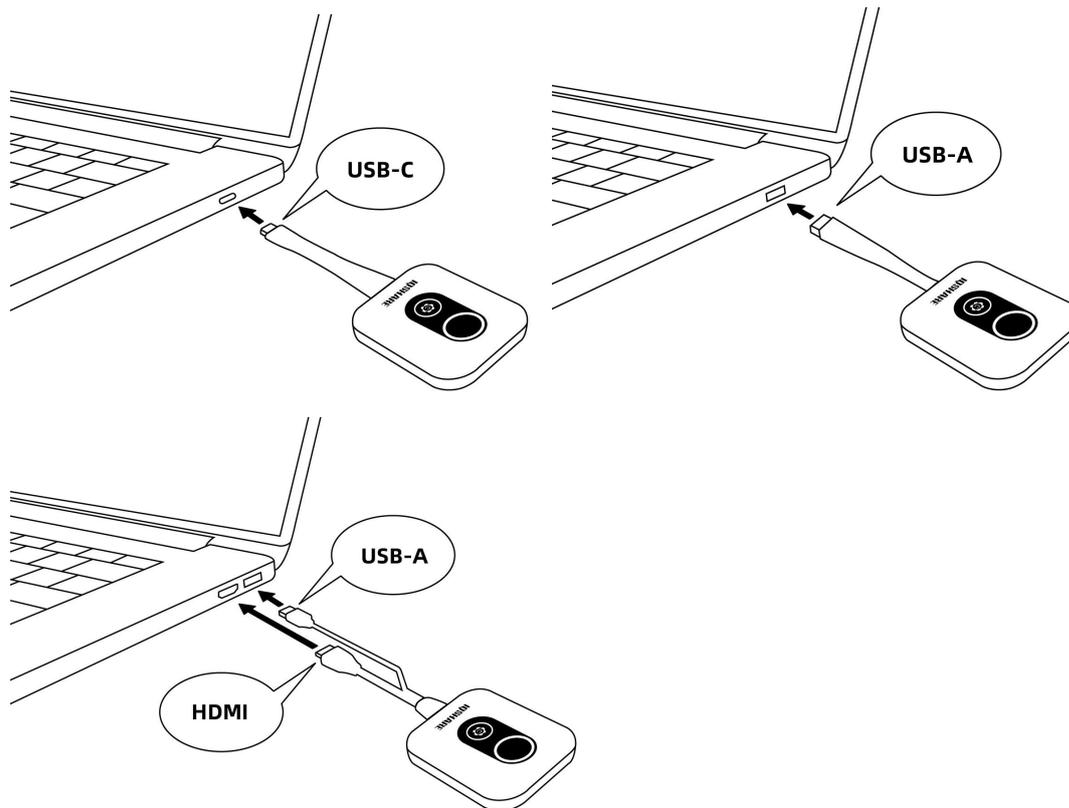
2) Wait for the dialog box to appear, then tap OK.



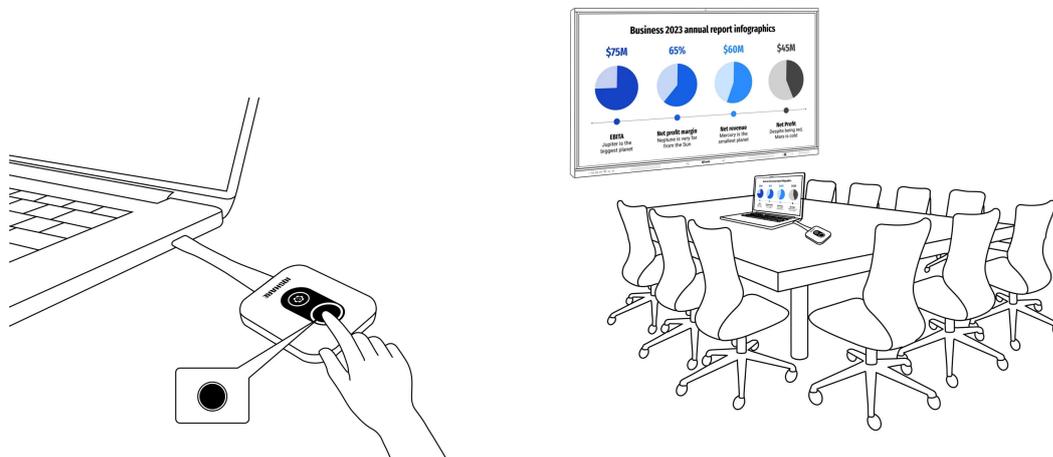
3) Remove the Button from the IQTOUCH.

2.1.2 Sharing your screen

1) Connect the IQSHARE Button to your device's USB-C/HDMI/USB port.



2) Wait for the LED to turn white then press the present key and your laptop screen will be shared on the display.



Note:

- The Type-C Button adapter is only used as a pair.
- Make sure that your laptop supports video output and power from the USB Type-C port (Display Port Alternate Mode on USB Type-C).
- When using the HDMI Button, ensure that both the HDMI connector and the USB connector are inserted.

2.1.3 Customized button settings interface

By default, the customized button is set to freeze the screen. If you choose

different actions, you can customize them in the settings interface. You can even select shortcuts to open an app or perform a series of tasks.

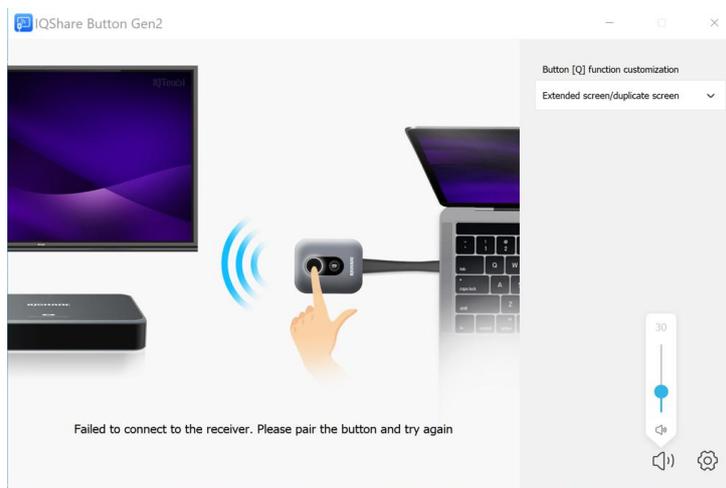
- 1) Connect the Button to the PC, in the system status bar, right-click the icon



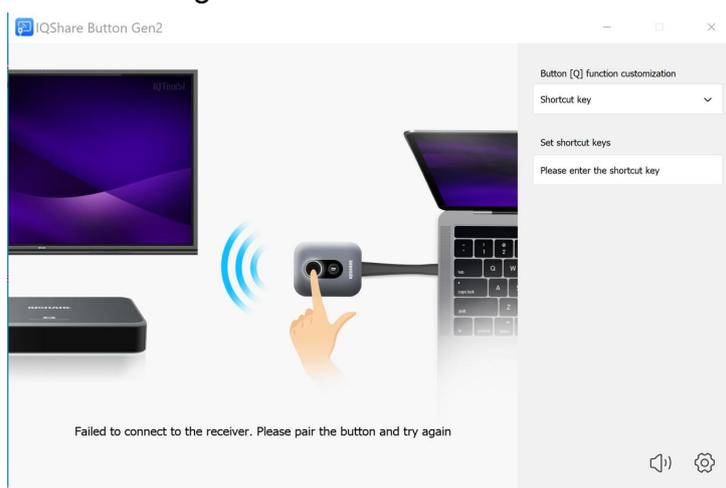
, and select **【Restore Window】** to access the settings interface.



- 2) In the settings interface, choose the corresponding function from the dropdown menu under the customized button and it will take effect once selected.



- 3) When selecting the shortcut key for the customized button, click the text input field below and set the shortcut key as per the pop-up prompt. It will take effect after clicking "OK."



2.1.4 Bring Your Own Meeting (BYOM)

Using Your IQTOUCH's built-in camera, speakers, and microphone, when the Button is connected to a device and presented, the device can also be able to make use of any combination of the display's speakers, microphone, or built-in camera.

Users can switch between the audio/video channels of either their device or IQTOUCH, depending on what is appropriate for their setting.



Note:

- BYOM (Bring Your Own Model) functionality is supported only by the Type-C and HDMI of IQSHARE Button GEN2.
- IQTOUCH also supports BYOM, please refer to the model list for more information

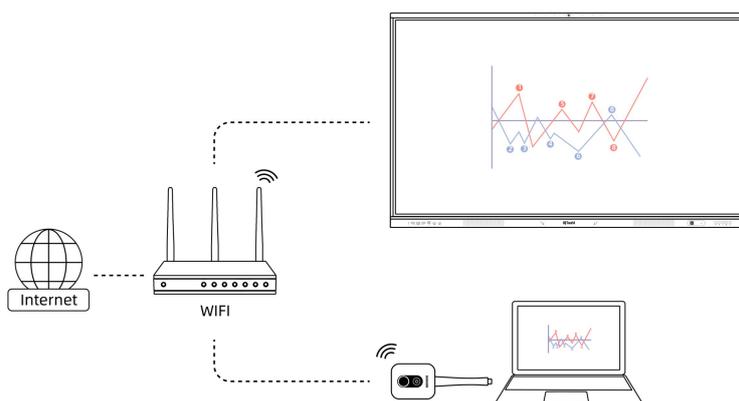
2.2 Pairing Mode

2.2.1 Pairing a Button with the IQTOUCH

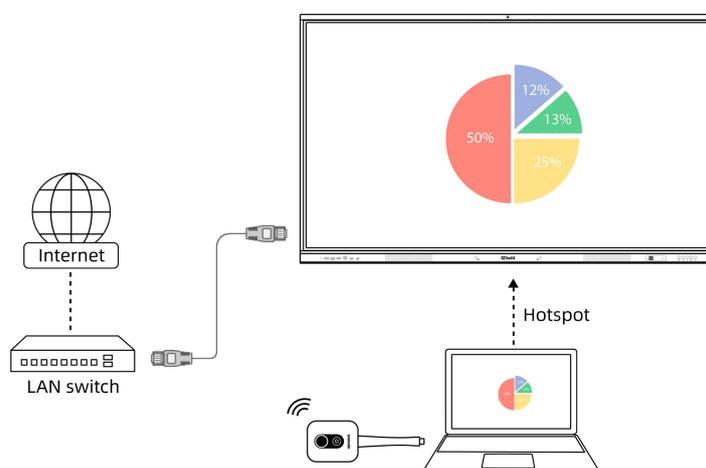
Depending on your Internet environment, you can pair your Button through Wi-Fi or Hotspot mode.

Find the connection mode that works best for you:

- 1) **Wi-Fi Mode:** With a Wi-Fi router, you can connect your Button to the same Wi-Fi to enjoy a stable casting experience. See Pairing a Button with IQTOUCH via Wi-Fi for details.



- 2) **Hotspot Mode:** If your ICPD is connected to the Internet via Ethernet, use hotspot mode to connect your Button to the IQTOUCH. See Pairing a Button to the IQTOUCH through hotspot for details.

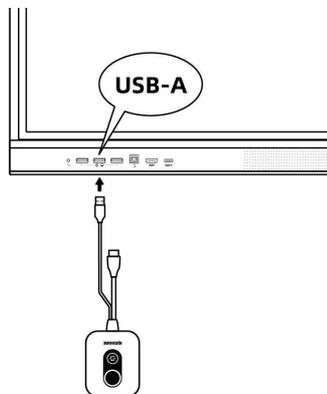
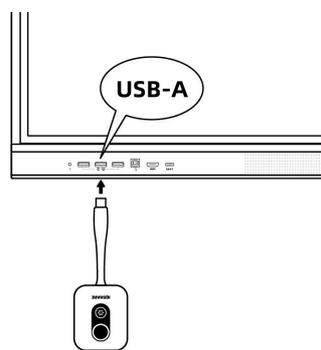
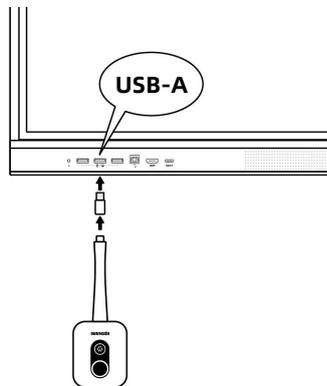


2.2.2 Pairing a Button with the IQTOUCH via Wi-Fi

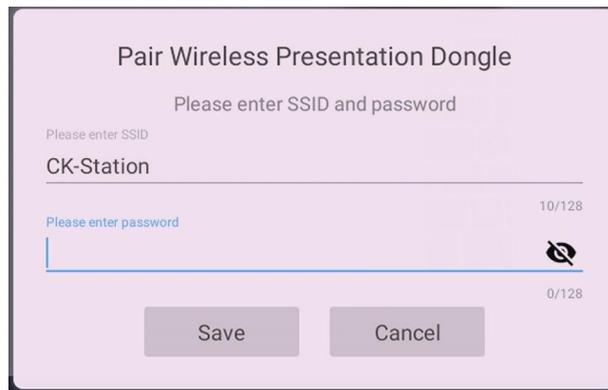
- 1) Make sure the display is turned on.
- 2) On the display, go to **Settings** (⚙️) > **Network** > **Wi-Fi**.
- 3) Enter the Wi-Fi password and press **Connect**.
- 4) Launch the **EShare Pro** app on the display.



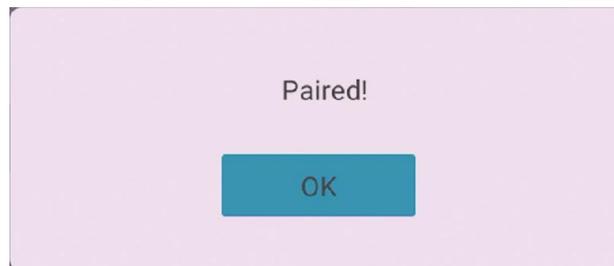
- 5) Connect a Button to one of the USB Type A ports on your display. A setup window will appear.



- 6) Enter the Wi-Fi password again and tap **OK**.



- 7) When pairing is complete, a confirmation window will appear on the screen and the LED on the Button will turn white.



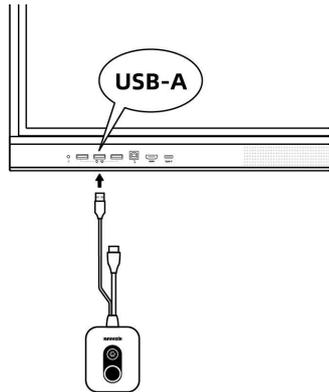
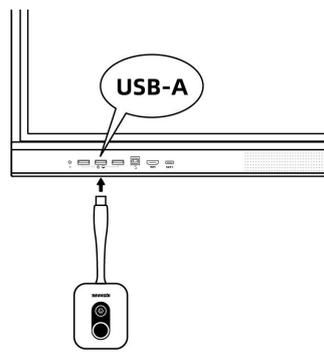
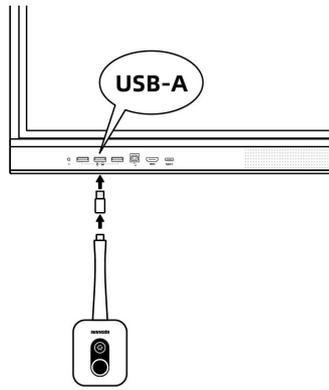
- 8) Remove the Button from the display.

2.2.3 Pairing a Button with the IQTOUCH through the hotspot

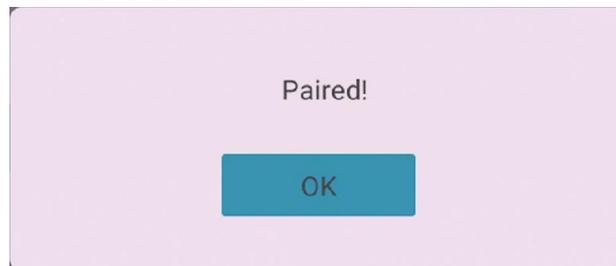
- 1) Make sure the display is turned on.
- 2) On the display, go to **Settings** (⚙️) > **Network** > **WLAN Hotspot**.
- 3) Enable **Portable Wi-Fi Hotspot**.
- 4) Tap **Set up Wi-Fi Hotspot**, then set **Band** to **5 GHz**.
- 5) Launch the **EShare Pro** app on the display.



- 6) Connect a Button to one of the USB Type A ports on your display. A setup window will appear.



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

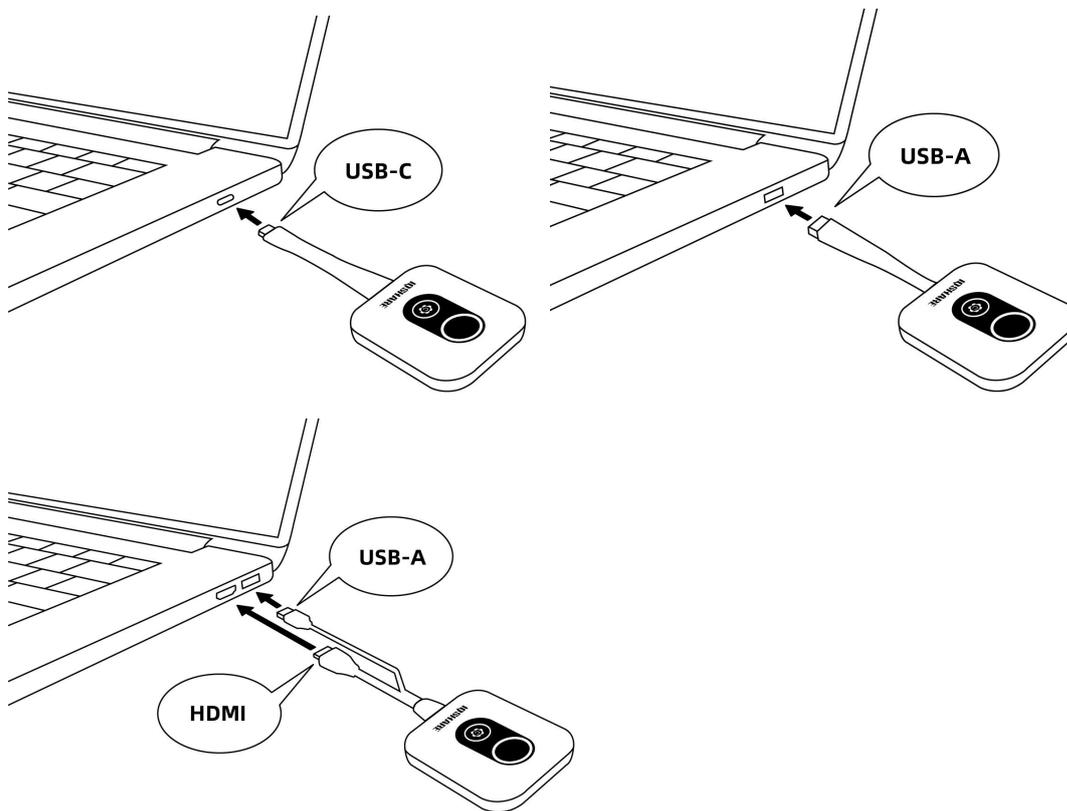


- 8) Remove the Button from the display.

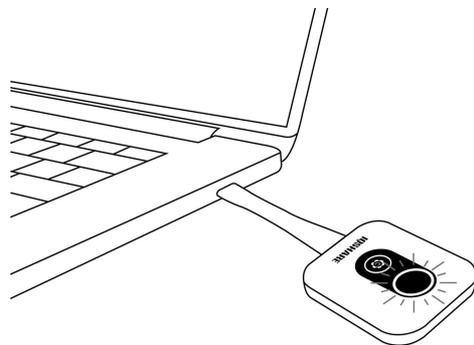
2.3 Sharing your screen

2.3.1 To start a presentation

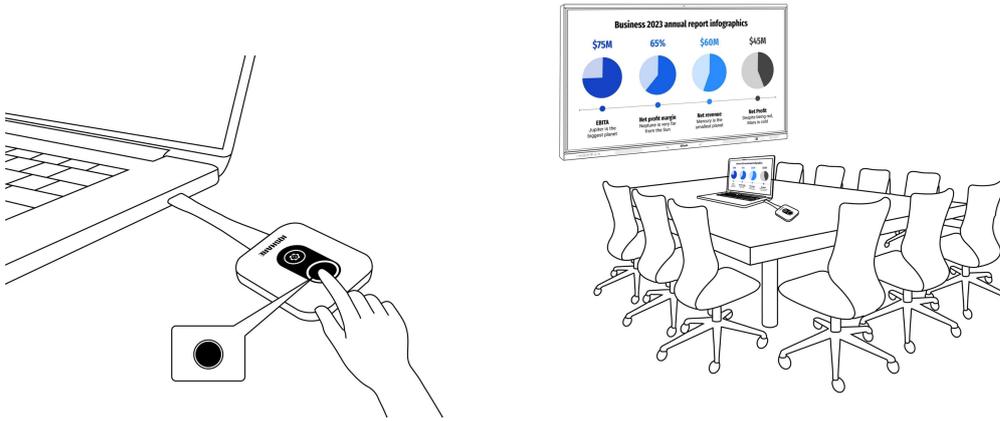
- 1) Make sure your Button is already paired with the IQTOUCH.
- 2) Launch the EShare Pro application on the display.
- 3) Plug the Button into the USB Type-C/HDMI/USB port of your personal device.



4) The LED on the Button will flash white for about 5 seconds.



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



Note:

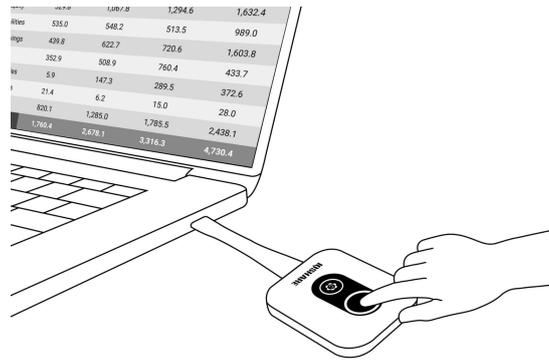
- Make sure the transmission distance between the Buttons is within 15 m and there are no obstacles in between.
- The product supports MacBooks and Windows laptops to mirror an extended desktop.
- Make sure your laptop supports video output and power through the USB Type-C port (Display Port Alternate Mode on USB Type-C).

2.3.2 Split-screen presentations

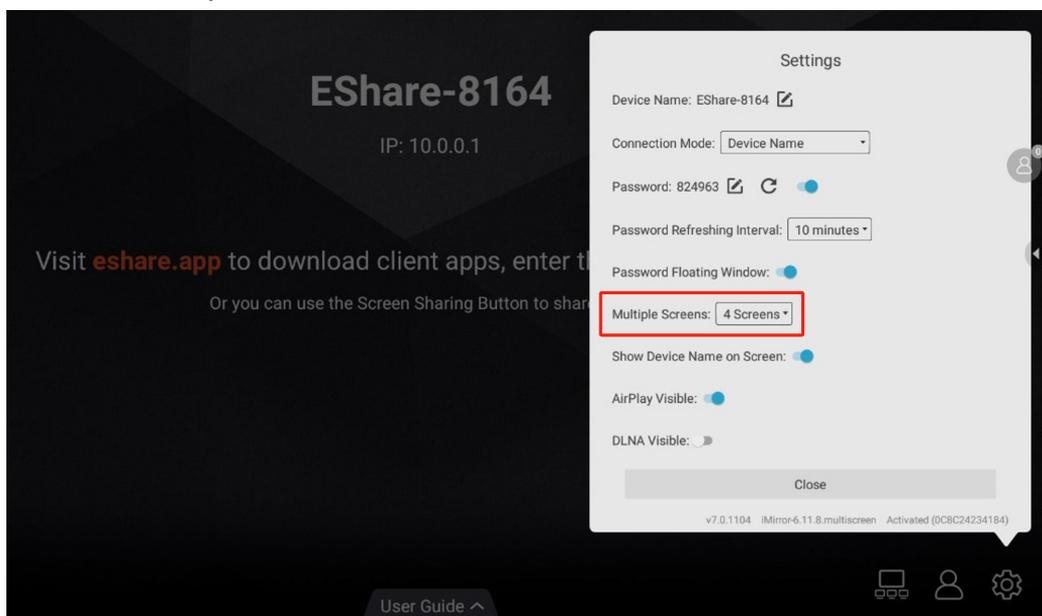
The product allows up to nine users to present simultaneously in a split-screen mode. Make sure all Buttons are already been paired to the display.



- 1) Launch the EShare Pro app on the display.
- 2) Press the Cast key on the Button to start sharing your screen.

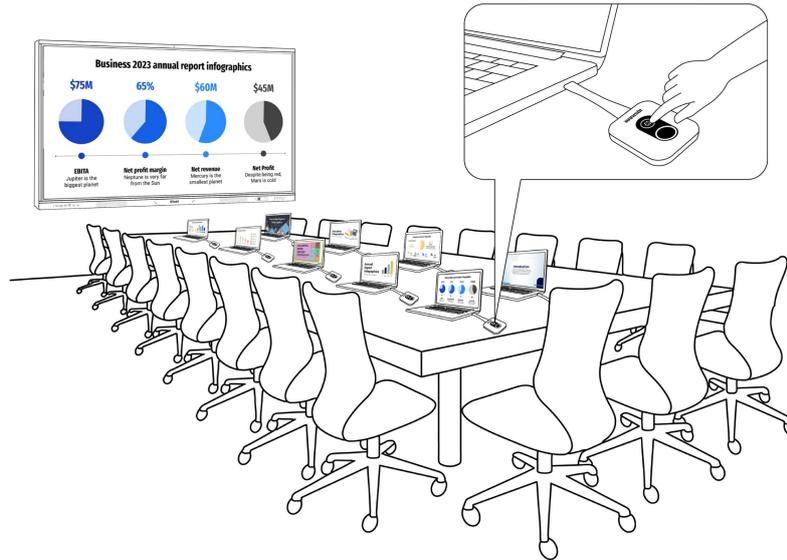


- 3) Repeat step 1 for share other screens. EShare Pro will automatically switch to split screen mode.
- 4) The layout of the split-screen presentation is determined by the number of users in the presentation.

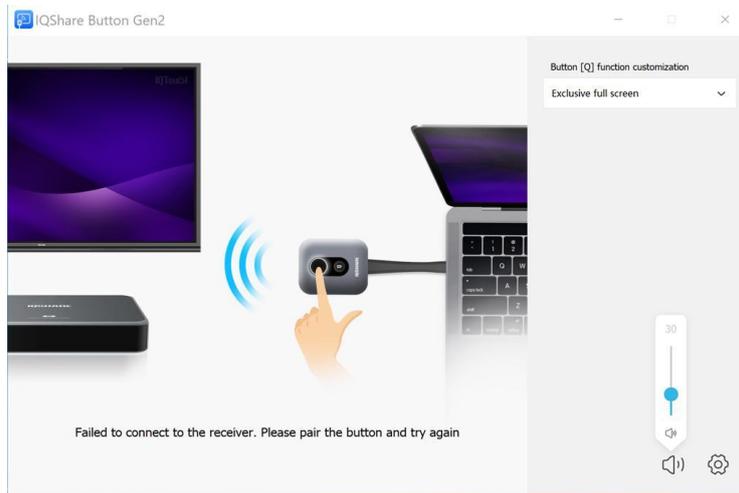


2.3.3 Maximize one window in split-screen mode

- 1) Users can maximize their screen by pressing the customized button on the Button.



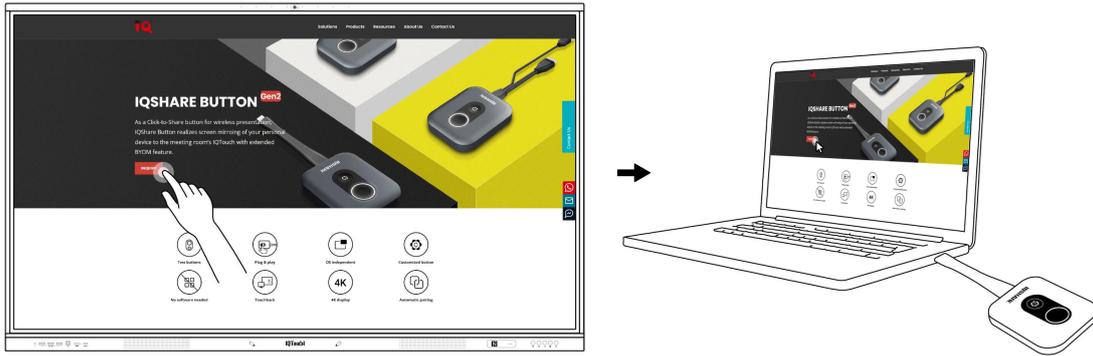
- 2) In the "Button [Q] function customization" setting interface, select "Exclusive Full Screen."



- 3) To return to the split-screen presentation, press the customized button again.

2.3.3 Touchback

To use touchback, simply tap on the IQTOUCH display to control the connected PC.



Note:

- Touchback is only available on Mac & Windows PCs and is not supported during multi-screen sharing.

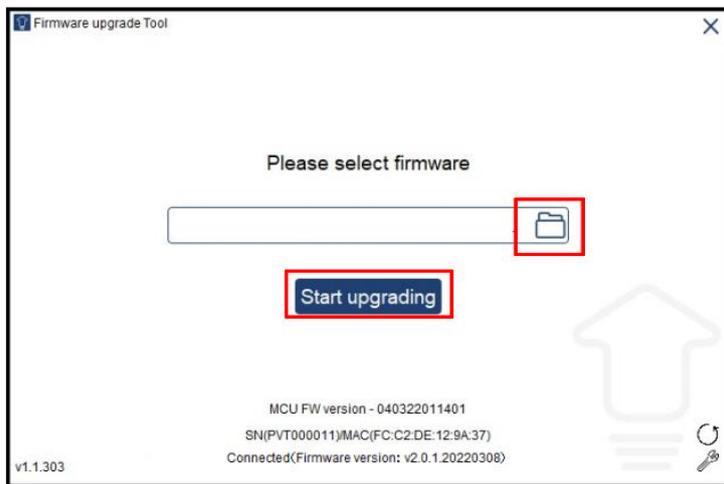
3. Upgrading firmware on Windows OS

Users may contact Returnstar Interactive Technology Group Co., Ltd support to get the latest firmware upgrade tool and firmware package.

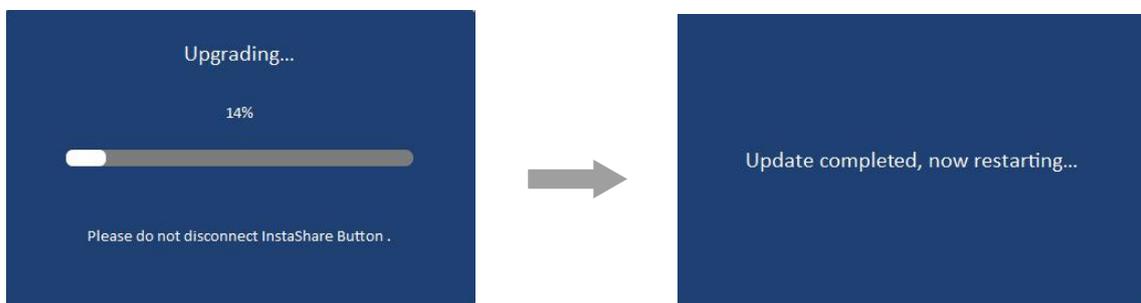
- 1) Run the firmware upgrade tool ([EShareUpdateTool_v1.1.303.exe](#)) on a Windows device.
- 2) Insert the Button into the laptop's USB Type-C/USB port. A message with the button's current firmware version will appear.



- 3) Select the firmware package (do not unzip) and click **Start upgrading**.



- 4) A window will appear stating that the firmware has successfully updated and will not restart.



- 5) Remove and re-connect the Button to your laptop to verify the updated firmware version.

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