



WonderCast
Operation Manual

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Applicable Models

This manual is applicable to WonderCast.

Symbol Conventions

The symbols that may be found in this document are defined as follows.




Symbol	Description
 Note	Provides additional information to emphasize or supplement important points of the main text.
 Caution	Indicates a potentially hazardous situation, which if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
 Danger	Indicates a hazard with a high level of risk, which if not avoided, will result in death or serious injury.

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Chapter 1 WonderCast on Server

You can mirror the screen of a PC or mobile phone on the conference flat panel (only when devices connect to the same LAN).

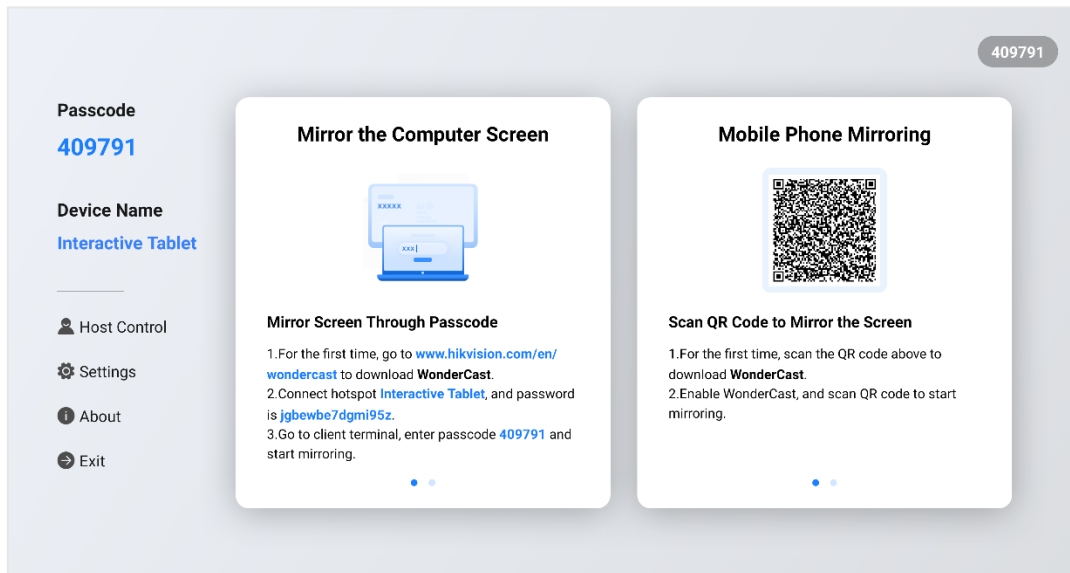


Figure 1-1 WonderCast Interface

Note

The conference flat panel pre-installed with WonderCast is hereinafter referred to as the server, and the interface of the server is subject to the actual situation.

1.1 PC Screen Mirroring

1.1.1 Passcode Mirroring

When the PC and the server connect to the same LAN, you can mirror PC's screen through passcode displayed on the server.

Before You Start

The PC has installed WonderCast.

Steps

1. Connect the PC and the server to the same LAN.
2. Check the passcode displayed on the server.

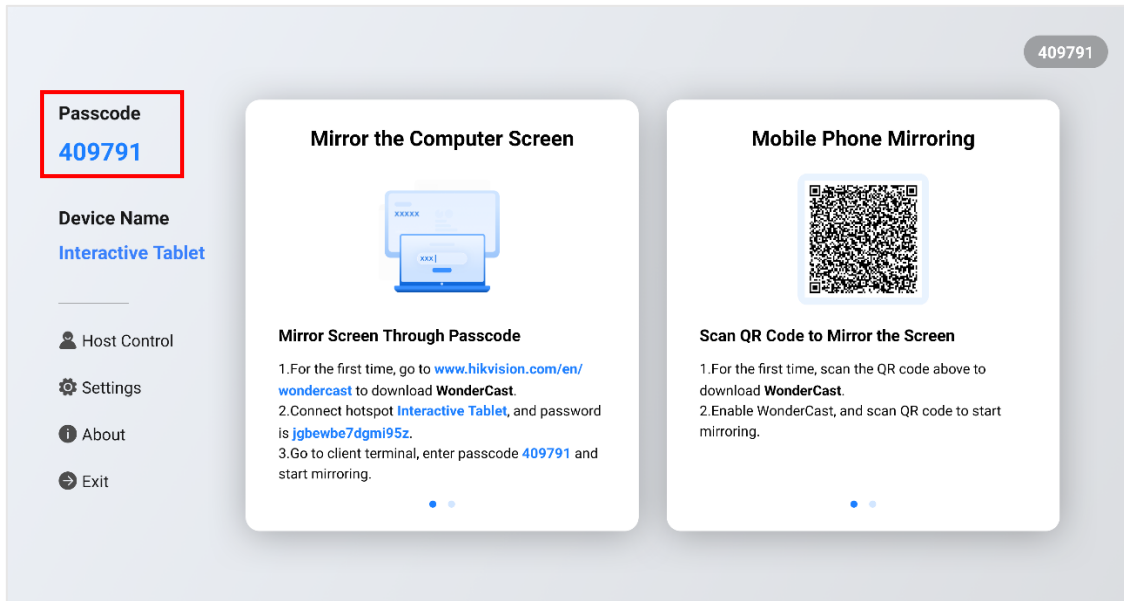


Figure 1-2 Check Passcode

3. Open WonderCast on PC, enter the passcode, and select a mirroring mode.

- **Copy Mode:** Copy the PC's screen.
- **Extend Mode:** Extend the PC's screen.

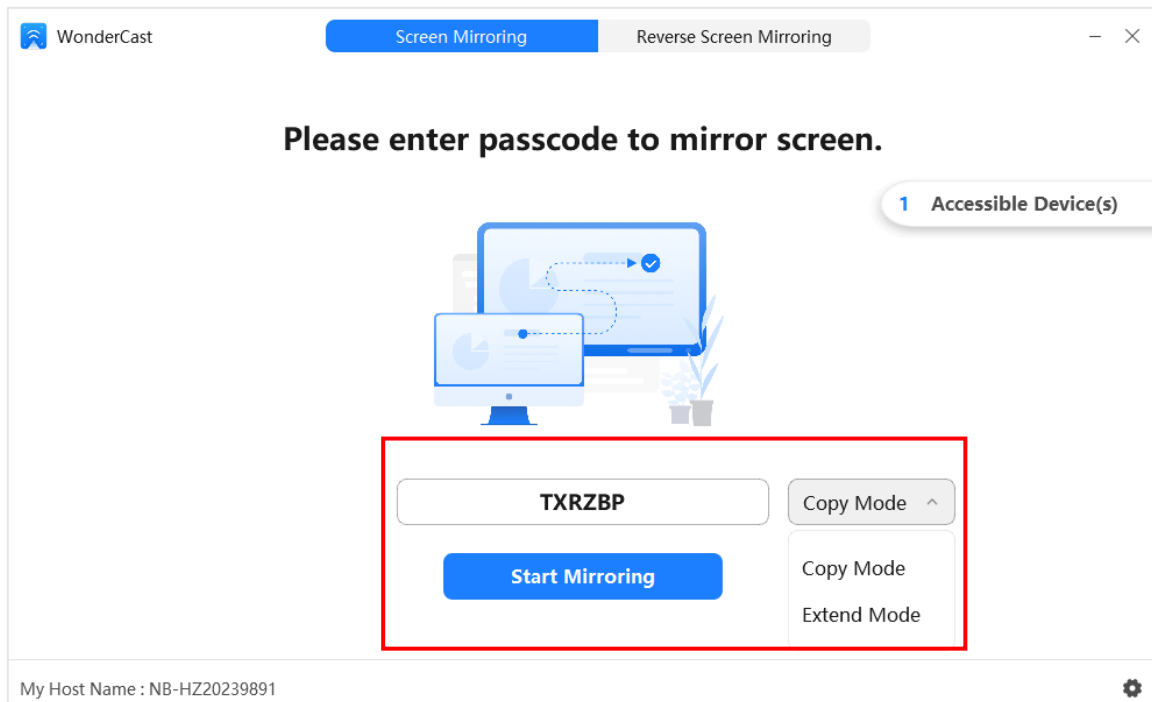


Figure 1-3 Enter Passcode

4. Click **Starting Mirroring**.



Figure 1-4 Screen Mirroring

Table 1-1 Icon Description

Icon	Description
	Click this icon to pause mirroring. The conference flat panel stops synchronizing operations on the PC, and retains the current image.
▷	Click this icon to continue mirroring. The conference flat panel continues synchronizing the operations on the PC.
🔊	Click this icon to turn on the sound. The conference flat panel starts to play the PC's audio simultaneously.
🔇	Click this icon to turn off the sound. The conference flat panel stops playing the PC's audio.
🖱️	Click this icon to enable flat panel reverse controlling. After enabling reverse controlling, you can control the PC by flat panel.
🖱️	Click this icon to disable flat panel reverse controlling.
📁	Click this icon to create a mirroring shortcut on the PC desktop for quick mirroring.
Stop Mirroring	Click this icon to stop screen mirroring.

1.1.2 Device Name Mirroring

When the PC and the server connect to the same LAN, you can mirror PC's screen through server name.

Before You Start

The PC has installed WonderCast.

Steps

1. Connect the PC and the server to the same LAN.
2. Click **Settings** on the server, and enable **Connecting Through Device Name**.

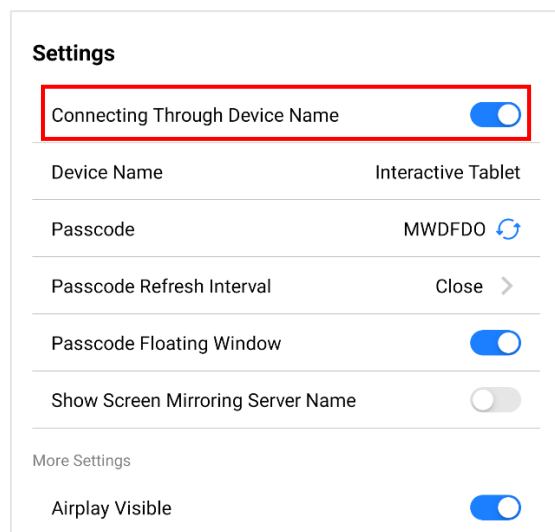


Figure 1-5 Enable Connecting Through Device Name

3. Open WonderCast on PC, and click **Accessible Device(s)**.

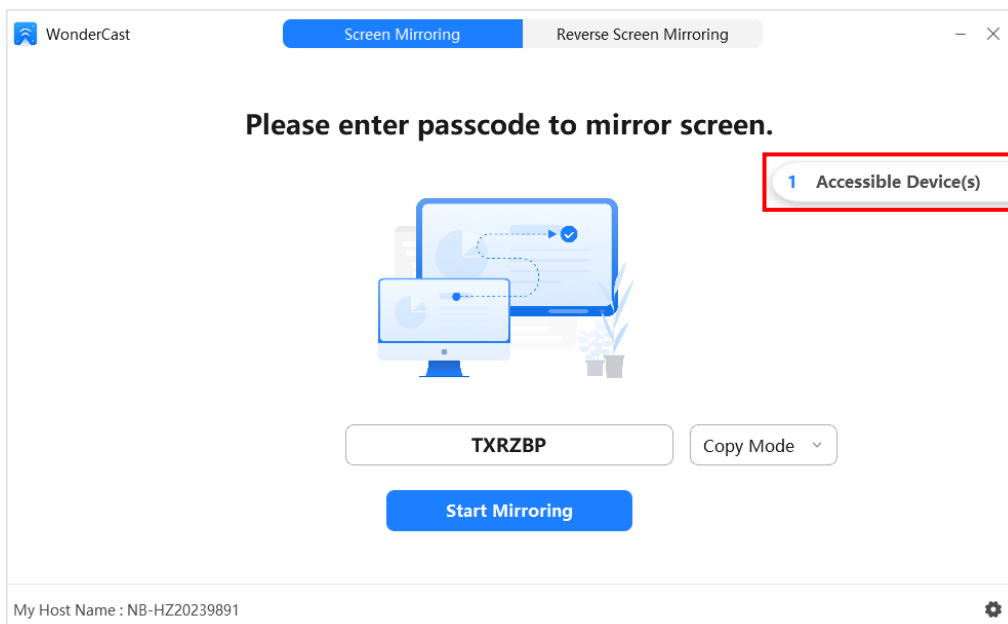


Figure 1-6 Check Accessible Device

4. Select the device to be connected, and click **Screen Mirroring**.

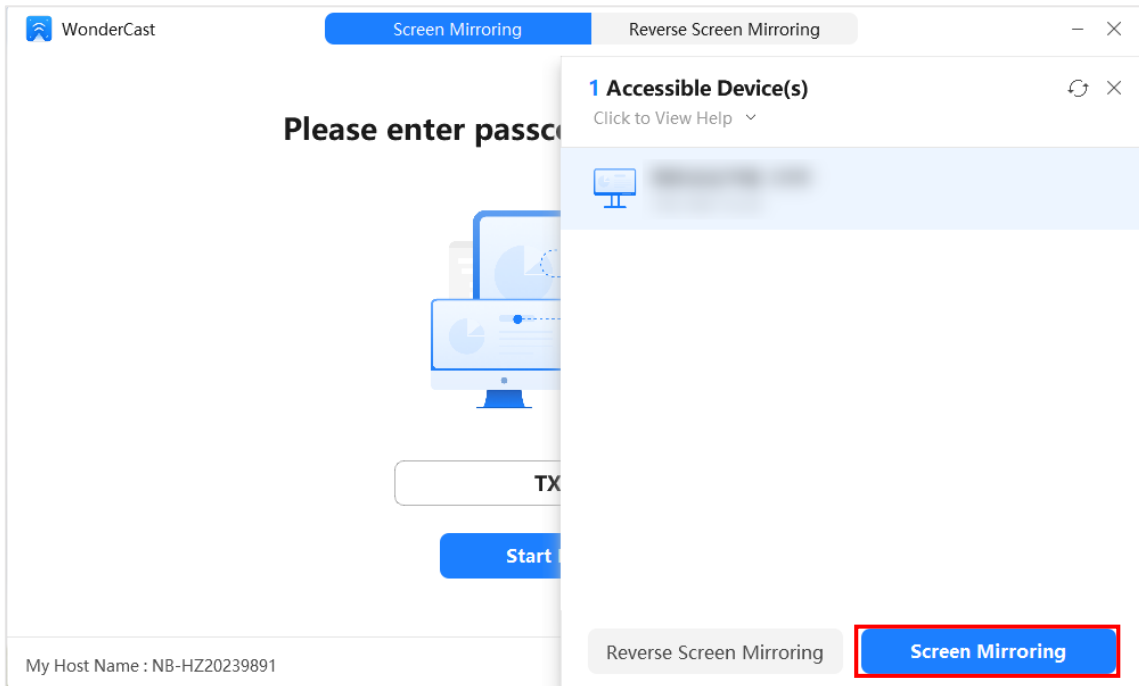


Figure 1-7 Device Name Screen Mirroring

Note

For the description of each icon, please refer to Table 1-1.

1.1.3 MAC Screen Mirroring

When the MAC and the server connect to the same LAN, you can mirror MAC's screen through MAC screen mirroring.

Steps

1. Connect the MAC and the server to the same LAN.
2. Go to **Control Center**, click **Screen Mirroring**, and click the name of the conference flat panel to be displayed.

Note

After WonderCast is installed on MAC, you can also mirror MAC's screen by clicking **Screen Mirroring**.

1.1.4 Shortcut Mirroring

After binding the server's IP address, you can quickly mirror the screen to the bound server through the shortcut.

 **Note**

Shortcut mirroring is only applicable to the bound server.

Before You Start

The PC has installed WonderCast.

Steps

1. Connect the PC and the server to the same LAN.
2. Go to **Settings**→**Shortcut** to customize the shortcut keys.

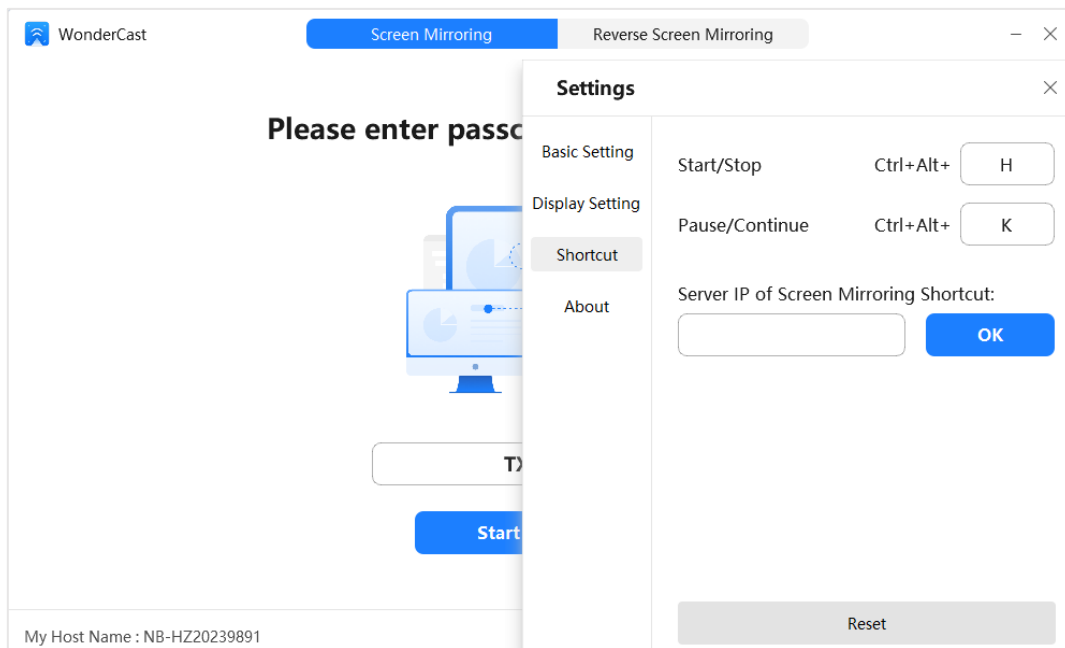


Figure 1-8 Shortcut Setting

3. Enter the server's IP address, and click **OK**.

1.2 Mobile Phone Screen Mirroring

1.2.1 QR Code Mirroring

After WonderCast is installed on mobile phone, you can mirror the screen through QR code.

Before You Start

The mobile phone has installed WonderCast.

Steps

1. Scan the following QR code via mobile phone browser to download WonderCast.



Figure 1-9 Download WonderCast

2. Open WonderCast on your mobile phone, and scan the QR code displayed on the flat panel to mirror your mobile phone's screen.

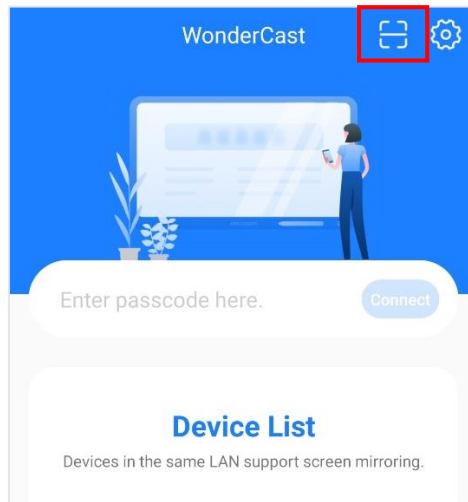


Figure 1-10 WonderCast Interface

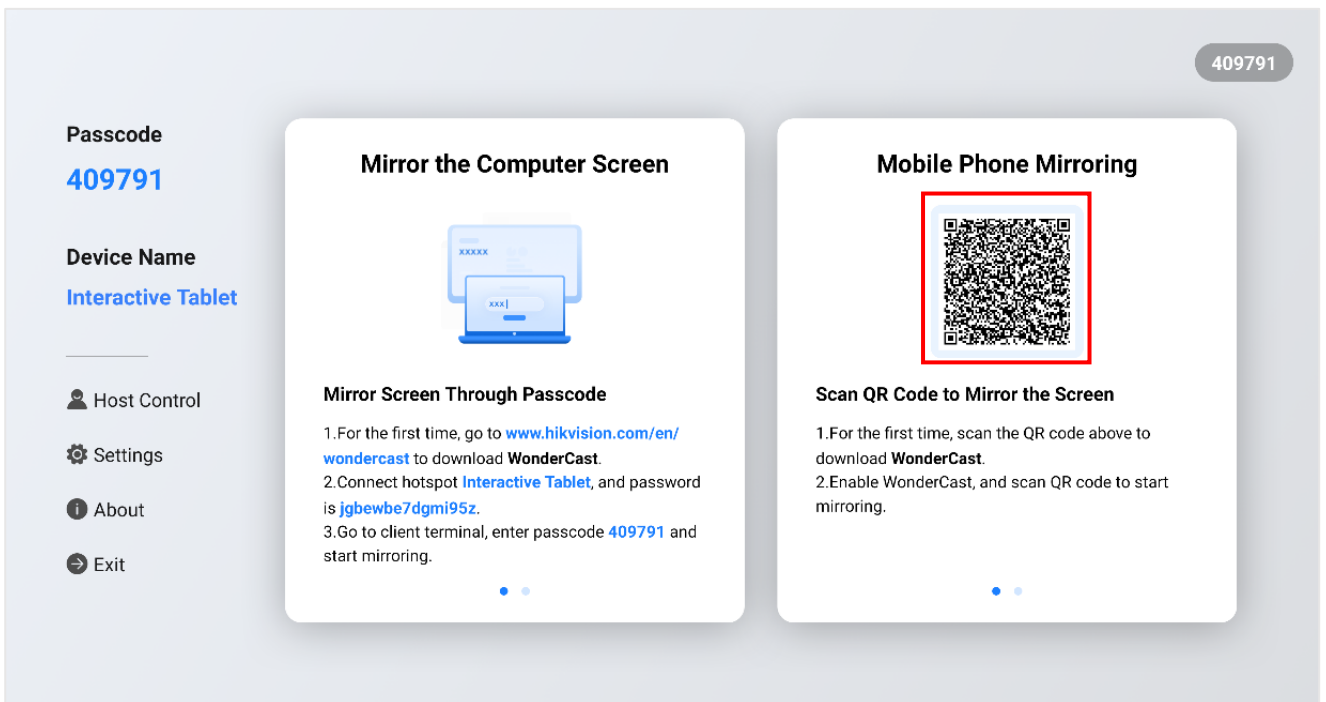


Figure 1-11 Scan the QR Code Displayed on Flat Panel

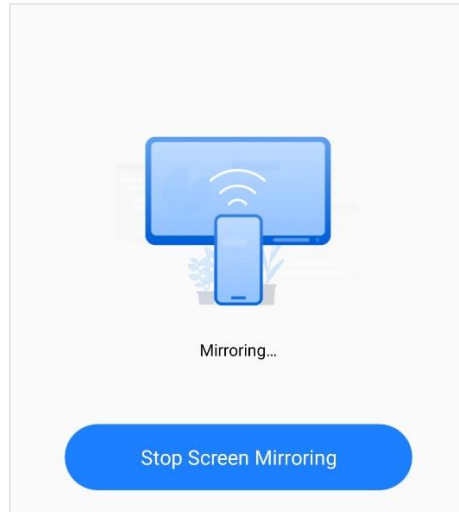


Figure 1-12 Mirroring Mobile Phone

 **Note**

After WonderCast is installed on the mobile phone, Mirroring Screen /Reverse Screen Mirroring can also be realized through the passcode or device list (only when the server has enabled **Connecting Through Devicename**).

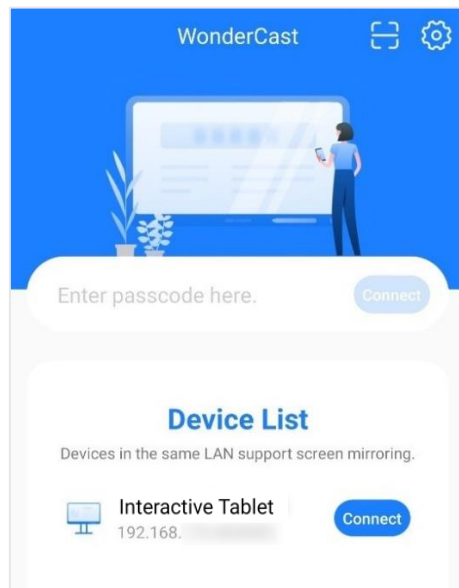


Figure 1-13 Device List

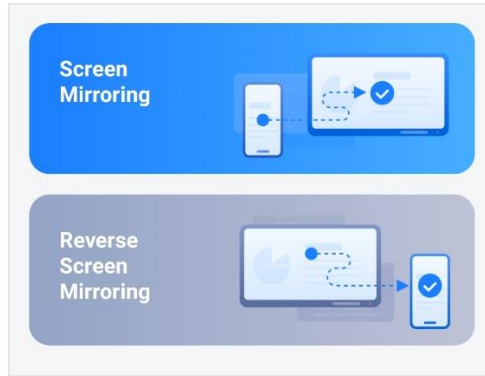


Figure 1-14 Screen Mirroring/Reverse Screen Mirroring

1.2.2 iOS Screen Mirroring

When the iOS device and the server connect to the same LAN, you can mirror the screen through iOS screen mirroring.

Steps

1. Connect the iOS device and the server to the same LAN.
2. Click **Settings** on the server to make sure that **Airplay Visible** is enabled.

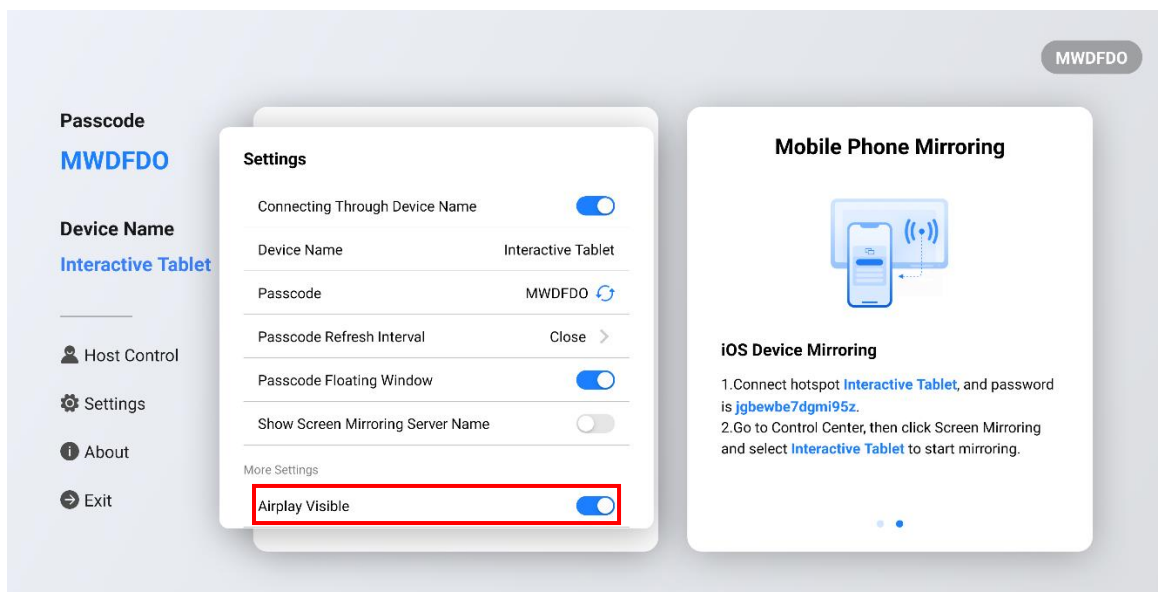


Figure 1-15 Enable Airplay Visible

3. Go to **Control Center** of your mobile phone, click **Screen Mirroring**, and click the name of the conference flat panel.

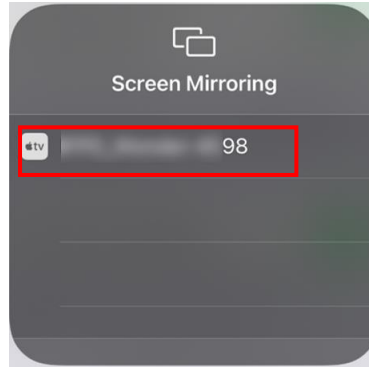


Figure 1-16 iOS Screen Mirroring

4. (Optional) Click Stop Mirroring to stop screen mirroring.



Figure 1-17 Stop Mirroring

Chapter 2 WonderCast on Client

You can mirror PC/mobile phone's screen to the conference flat panel, or mirror conference flat panel's screen to a PC/mobile phone (devices should connect to the same LAN).

2.1 Install WonderCast

Before You Start

WonderCast installation package has been downloaded and saved to the PC/mobile phone.

Steps

1. Run the installation package and follow the prompts to complete the installation. After the installation is complete, the WonderCast will start automatically.

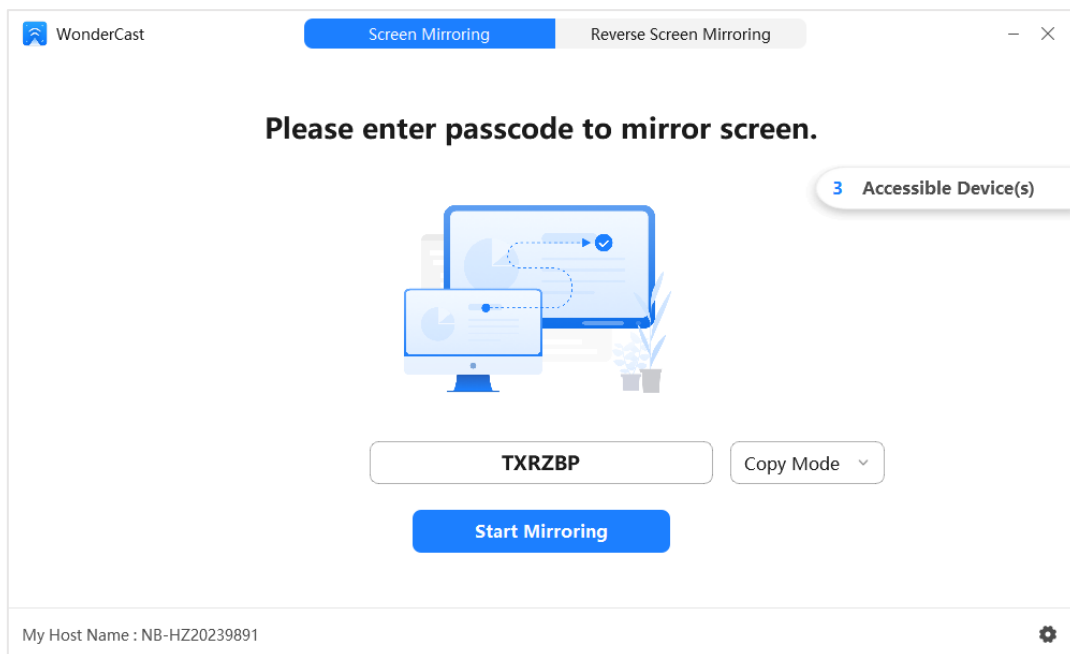


Figure 2-1 Screen Mirroring

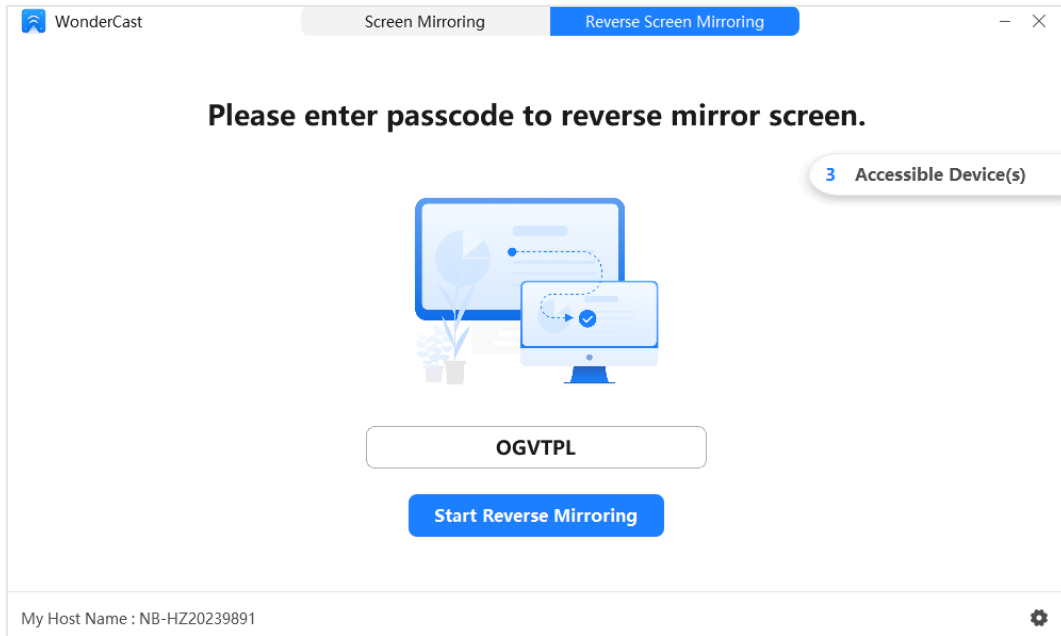


Figure 2-2 Reverse Screen Mirroring Interface

Note

The device installed with WonderCast is hereinafter referred to as the client, and the interface of the client is subject to the actual situation.

2.2 Screen Mirroring

You can mirror the screen of the client to the server.

Steps

Please refer to *Passcode Mirroring* or *Device Name Mirroring*.

2.3 Stop Screen Mirroring

You can stop screen mirroring after mirroring the client's screen through passcode and device name.

Steps

1. Click **Mirroring** → **Cancel** to disconnect the client.

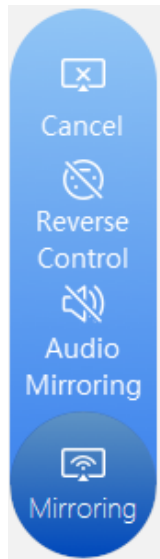


Figure 2-3 Mirroring

2. Perform the following operation(s) according to actual need.

- **Reverse Control:** Control the PC by the server.
- **Audio Mirroring:** Share the PC's audio with the server.

2.4 Reverse Screen Mirroring

You can mirror the server's screen to the client in the same LAN.

2.4.1 Passcode Reverse Mirroring

When the PC and the server connect to the same LAN, you can reverse screen mirroring through the passcode displayed on the server.

Steps

1. Connect the PC and the server to the same LAN.
2. Check the passcode displayed on the server.

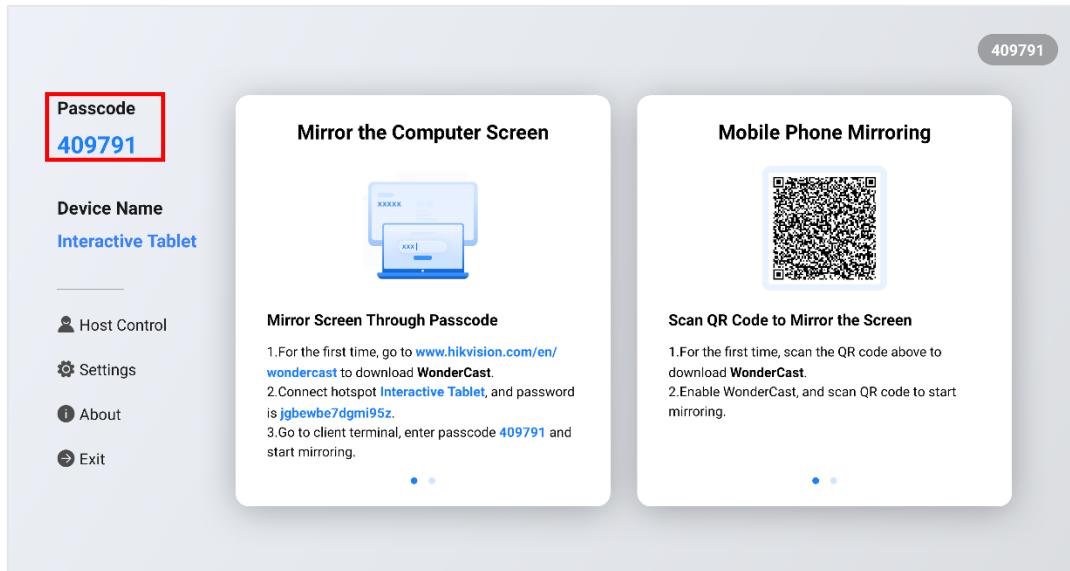


Figure 2-4 Check Passcode

3. Open WonderCast on PC, select **Reverse Screen Mirroring**, and enter the passcode.

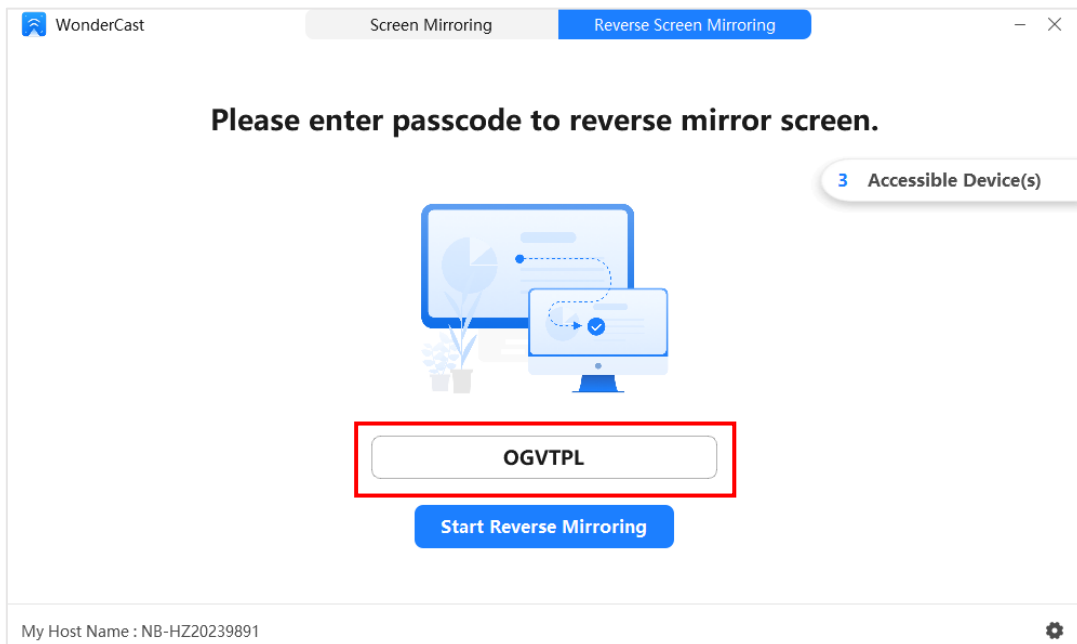


Figure 2-5 Enter Reverse Mirroring Passcode

4. Click **Start Reverse Mirroring**.

2.4.2 Device Name Reverse Mirroring

When the PC and the server connect to the same LAN, you can reverse screen mirroring through the server's name.

Steps

1. Connect the PC and the server to the same LAN.

2. Click **Settings** on the server to enable **Connecting Through Device Name**, see Figure 1-5.
3. Open WonderCast, and click **Accessible Device(s)**.

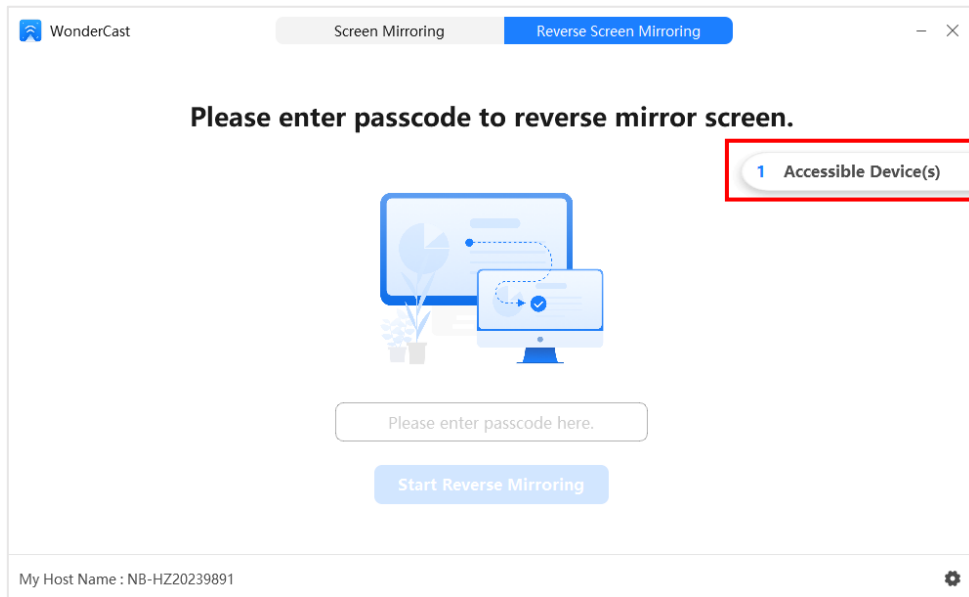


Figure 2-6 Check Accessible Device

4. Select the device to be connected, and click **Reverse Screen Mirroring**.

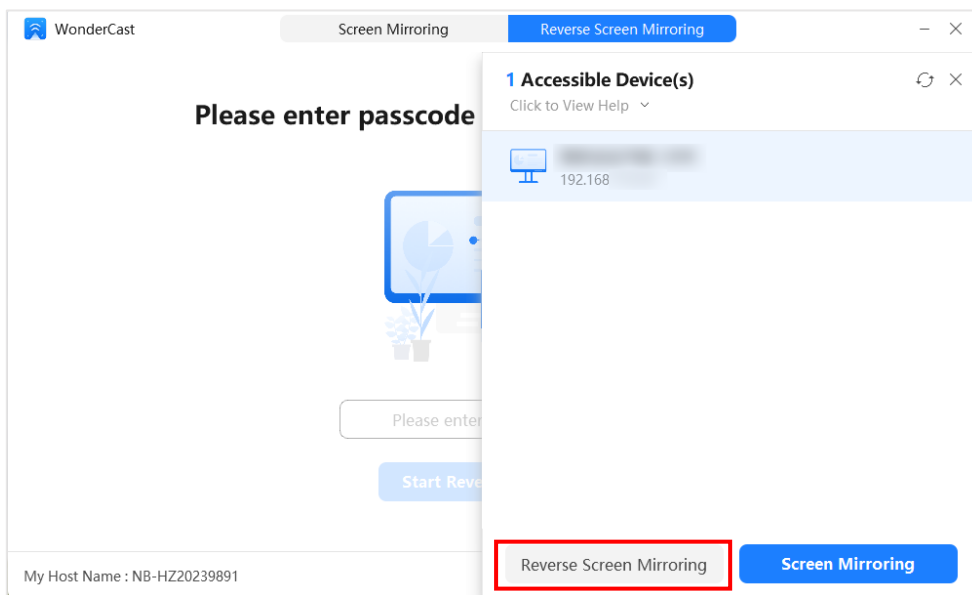


Figure 2-7 Reverse Screen Mirroring Through Device Name

2.5 Stop Reverse Screen Mirroring

2.5.1 Disconnect Client

Click  to stop reverse screen mirroring.



Figure 2-8 Stop Reverse Screen Mirroring

Table 2-1 Icon Description

Icon	Description
	Click the icon to minimize the toolbar.
	Click the icon to call up the toolbar.
	Click the icon to enable reverse control. After turning it on, you can control the flat panel by the client (only support 1 client). : Back to the server's home screen. : Back to the previous step.
	Click the icon to stop reverse control.

2.5.2 Disconnect Server

Click **Host Control** → → **Yes** to stop reverse mirroring.

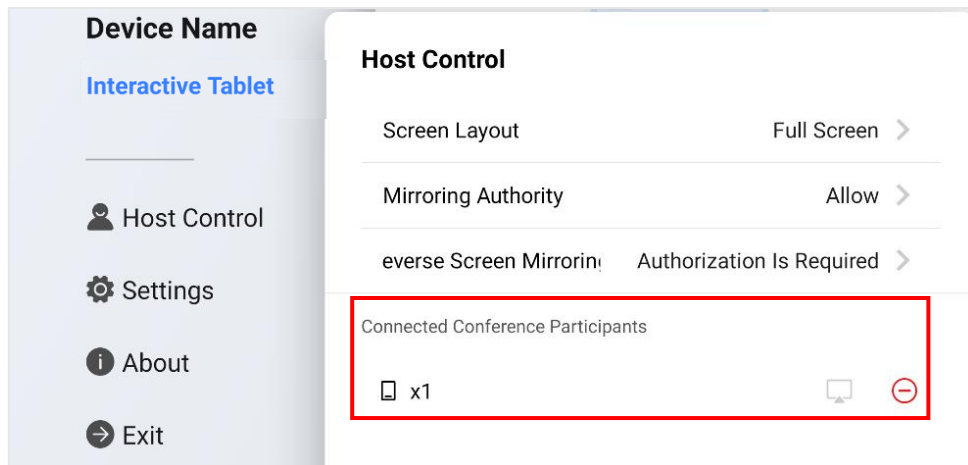


Figure 2-9 Disconnect Server

2.6 Settings

Click in the lower right corner of WonderCast interface to call up the setting page.

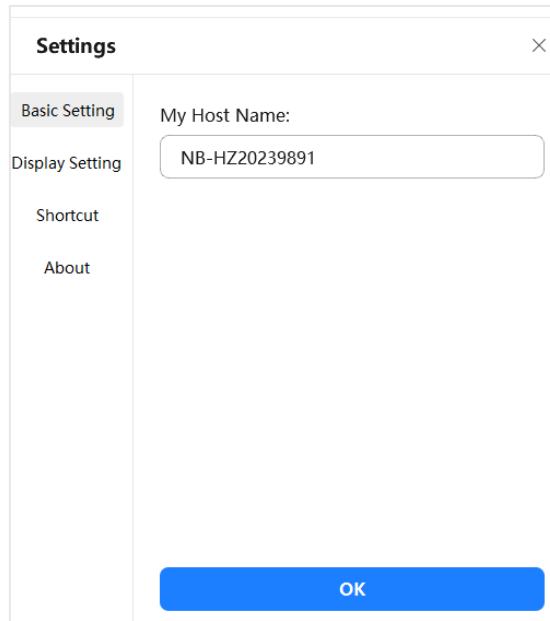


Figure 2-10 Settings

2.6.1 Basic Setting

You can customize your device's name.

2.6.2 Display Setting

Retain the default values.

Display **Bit Rate**, **Frame Rate**, **Delay**, and **Packet Loss Rate** information during screen mirroring for technical support to maintain the equipment.

Enabling **High Resolution Mirroring** will cause high resource consumption, which may affect PC's performance, resulting in unsatisfactory screen mirroring effects.

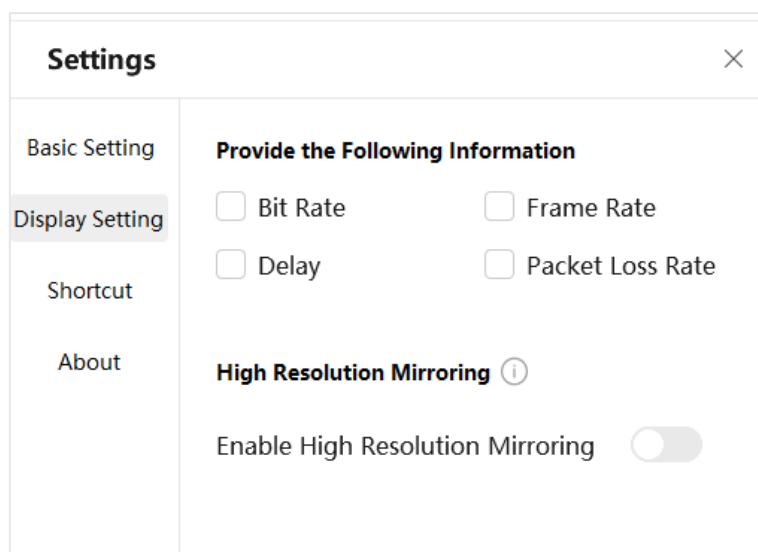


Figure 2-11 Display Settings

2.6.3 Shortcut

After binding the server's IP, you can quickly start/stop screen mirroring and pause/continue screen mirroring through the set shortcuts.

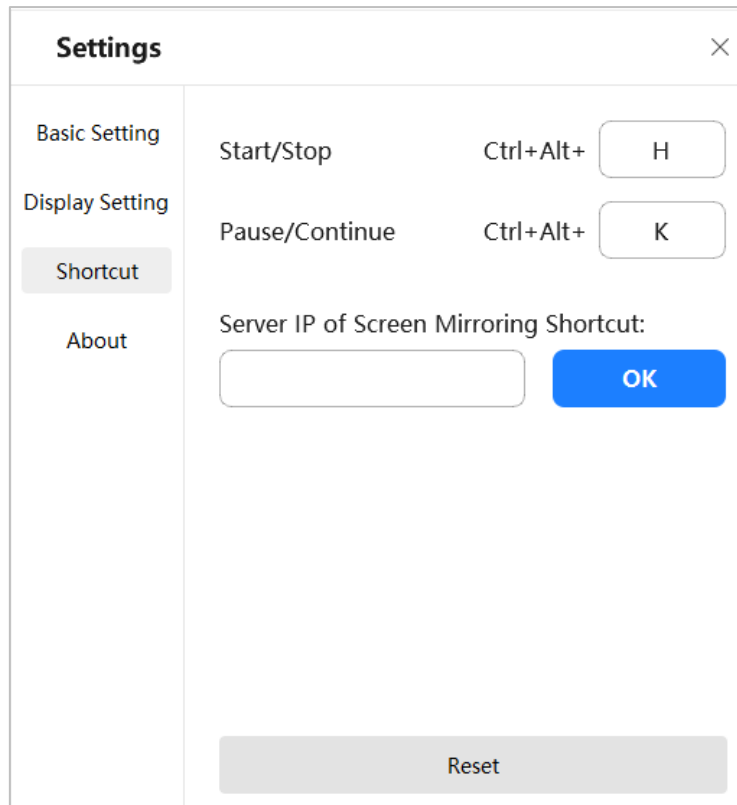


Figure 2-12 Shortcut

Note

When the shortcuts conflict, please reset them.

2.6.4 About

- Check **Version**: Click **About** to check the version information about WonderCast.
- View operation manual: Click **About** → **Help** to view the operation manual.
- View **Open Source Software Licenses**.

Chapter 3 Other Operations on Server

3.1 Host Control

Open the server, and click **Host Control**.

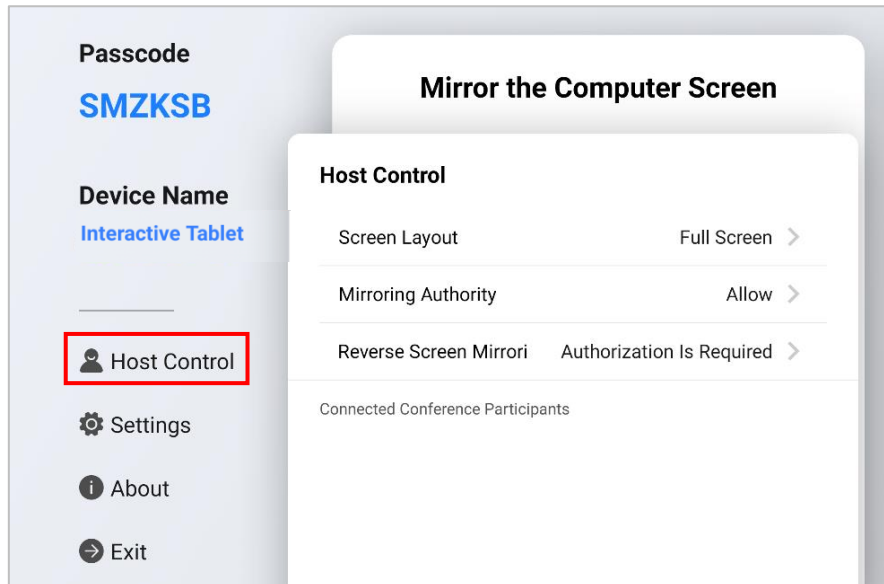


Figure 3-1 Host Control

3.1.1 Screen Layout

Full Screen, 2-Split Screen, and 4-Split Screen modes are supported.

- 2-Split Screen: Display the screen of 2 clients at the same time.
- 4-Split Screen: Display the screen of 4 clients at the same time.

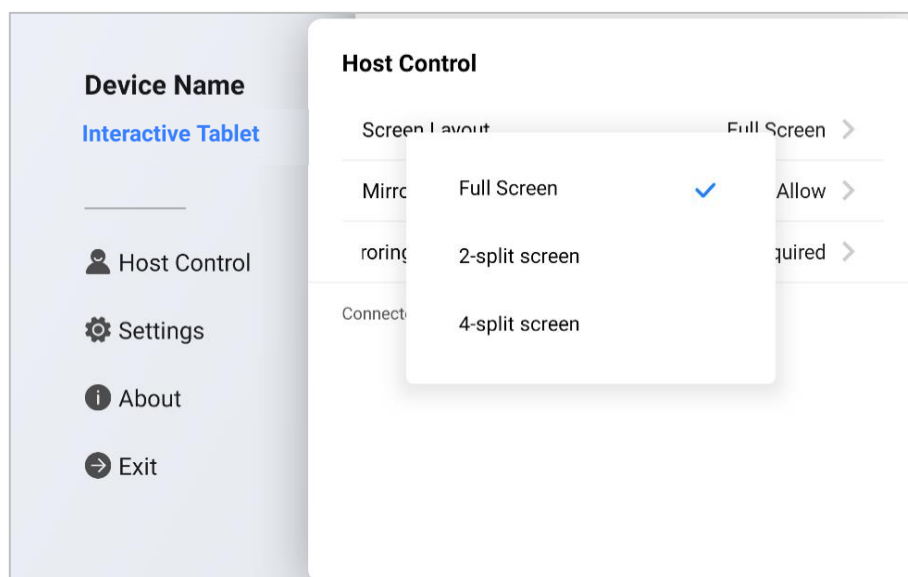


Figure 3-2 Screen Layout

3.1.2 Mirroring Authority

Set the screen mirroring switch of the server.

- **Allow:** Screen mirroring function is enabled on the server.
- **Authorization Is Required:** The screen can be mirrored after authorization is obtained from the server.
- **Prohibit:** Screen mirroring function is disabled on the server.

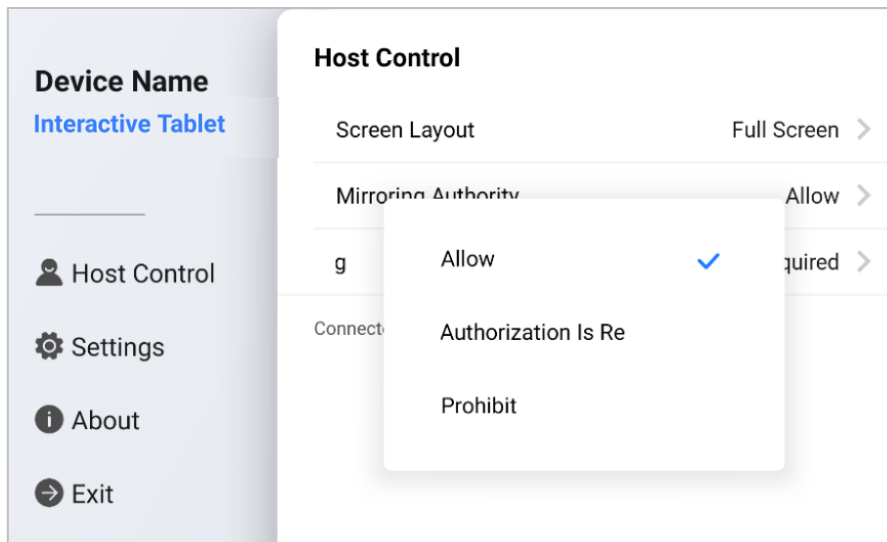


Figure 3-3 Mirroring Authorization

3.1.3 Reverse Screen Mirroring Authorization

Set the reverse screen mirroring switch of server.

- **Allow:** Reverse screen mirroring function is enabled. The server screen can be mirrored to the client.
- **Only for Displaying:** Only for viewing the server screen.
- **Authorization Is Required:** The screen can be mirrored reversely after authorization is obtained from server.
- **Prohibit:** Reverse screen mirroring function is disabled.

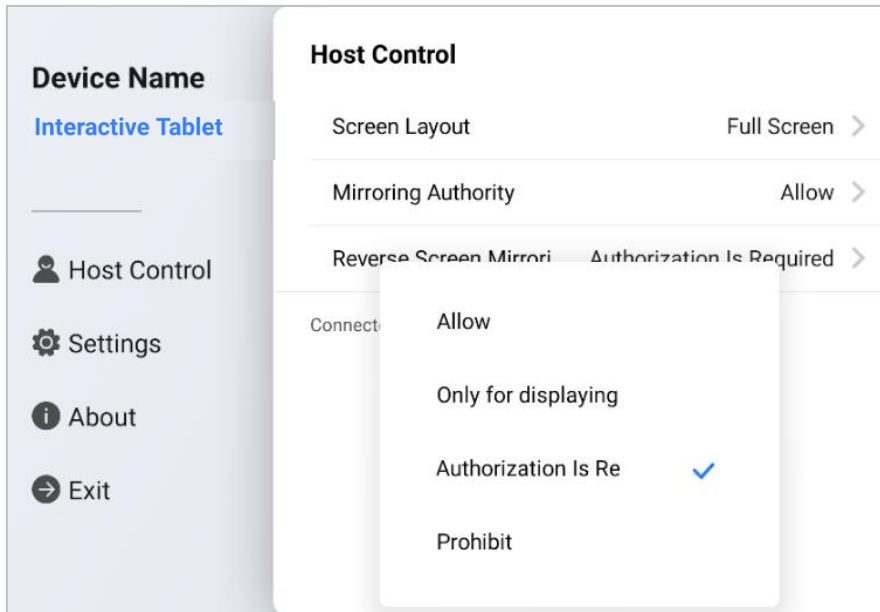



Figure 3-4 Reverse Screen Mirroring Authorization

3.1.4 Stop Reverse Mirroring

Click  → **Yes** to stop reverse mirroring.

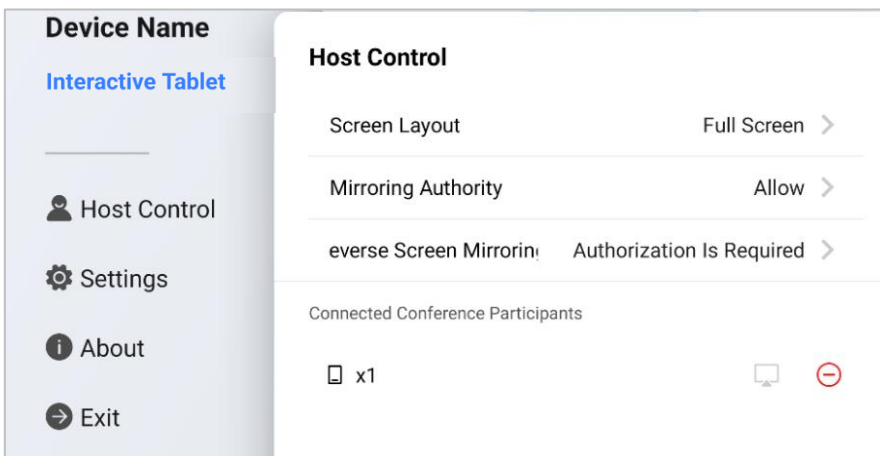


Figure 3-5 Stop Reverse Mirroring

3.2 Settings

You can open the server, and click **Settings**.

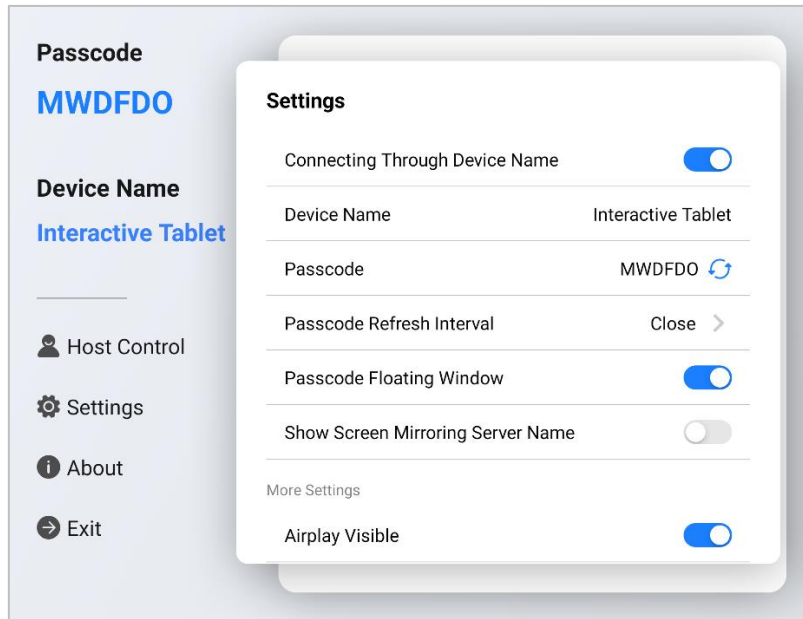



Figure 3-6 Server Settings

3.2.1 Enable Screen Mirroring Through Device Name

After enabling it, you can perform screen mirroring (see Figure 2-1) or reverse screen mirroring (see Figure 2-2) through device name with WonderCast.

3.2.2 Refresh Passcode

Click  to refresh the passcode manually.

3.2.3 Set Passcode Refresh Interval

Set the automatic refresh the interval of passcode.

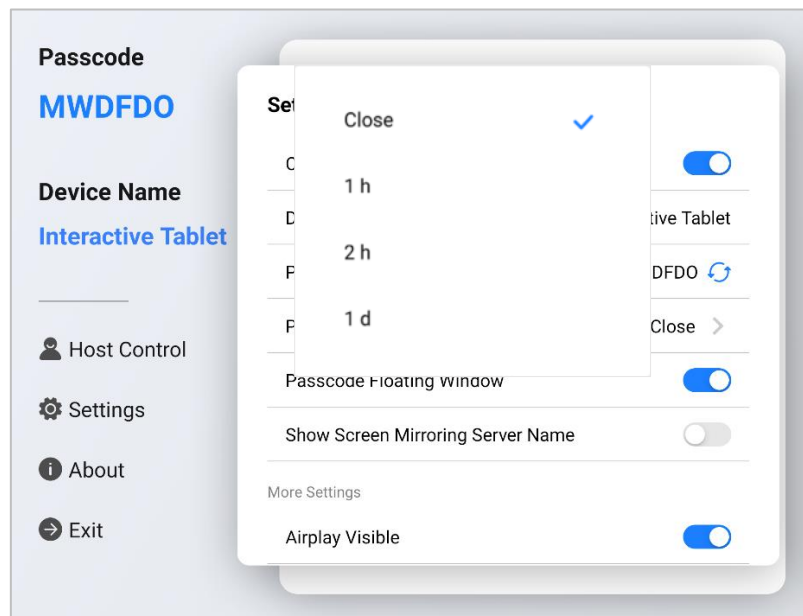


Figure 3-7 Passcode Refresh Interval

3.2.4 Enable Passcode Floating Window

The passcode is displayed in the floating window after enabling this function. You can drag the floating window manually.

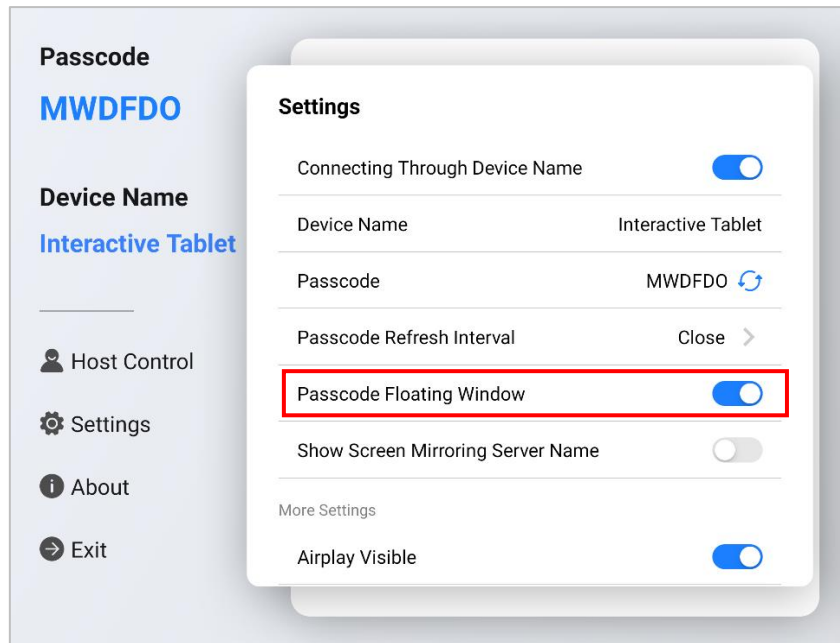



Figure 3-8 Passcode Floating Window

Click the passcode to refresh the passcode or open the server hotspot.

- Click  to manually refresh the passcode.
- Hotspot switch: Turn on the server hotspot. After the client is connected to the hotspot, it can quickly realize screen mirroring or reverse screen mirroring.

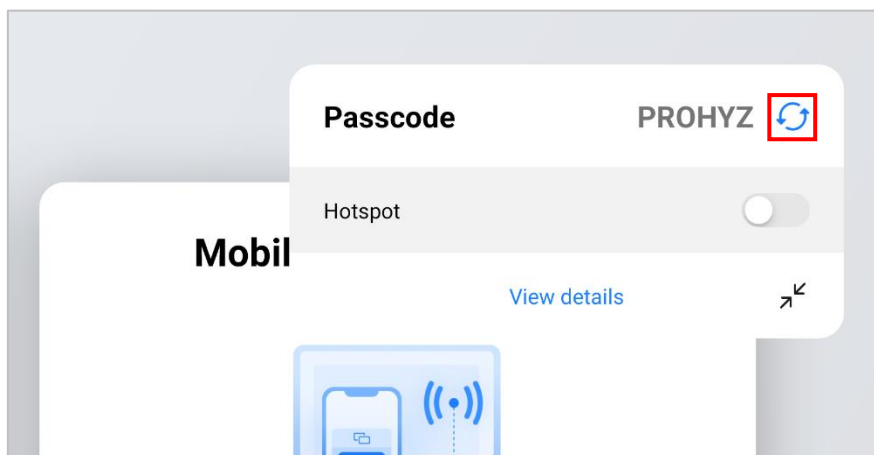


Figure 3-9 Show Passcode

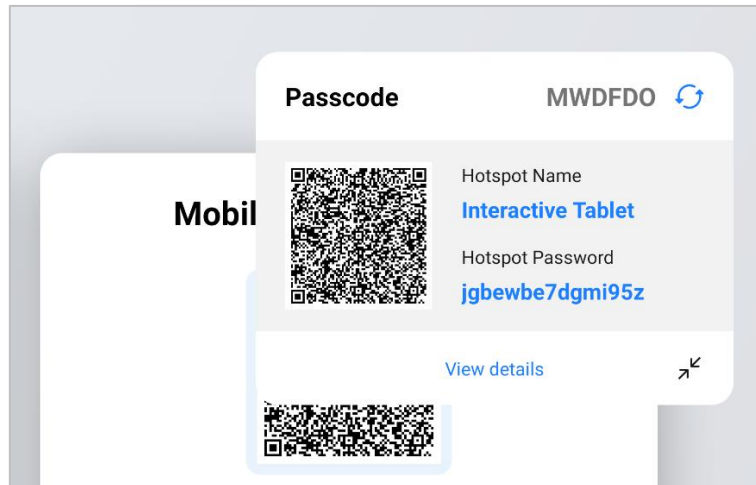


Figure 3-10 Hotspot Detail

3.2.5 Show Screen Mirroring Client Name

Enable it to show the name of the client which is mirrored.

3.2.6 Airpaly Visible

An iOS device can mirror the screen on the server through **Screen Mirroring**.

3.2.7 Logs

Logs can be exported for technical support when maintaining the equipment.

3.3 About

- Check **Version**: Click **About** to check the version information about WonderCast.
- View Operation Manual: Click **About** → **Help** to view operation manual.
- View **Open Source Software Licenses**.

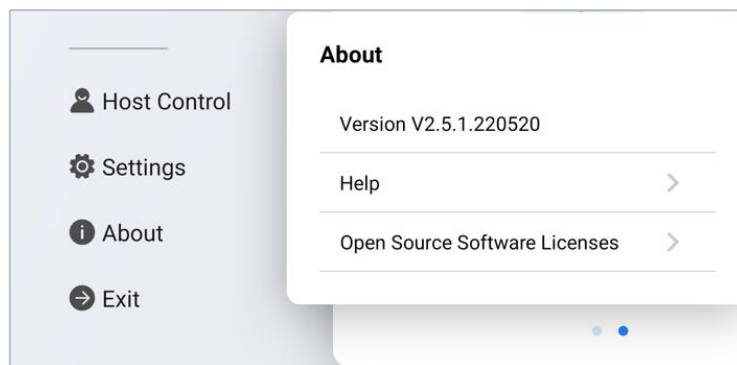
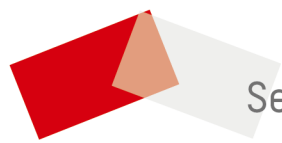


Figure 3-11 About Interface

3.4 Exit

Click **Exit** to minimize the WonderCast interface.



See Far, Go Further