



All-in-One Video Bar

User Manual

Legal Information

About this Document

- This Document includes instructions for using and managing the Product. Pictures, charts, images and all other information hereinafter are for description and explanation only.
- The information contained in the Document is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of the Document at the Hikvision website (<https://www.hikvision.com>). Unless otherwise agreed, Hangzhou Hikvision Digital Technology Co., Ltd. or its affiliates (hereinafter referred to as "Hikvision") makes no warranties, express or implied.
- Please use the Document with the guidance and assistance of professionals trained in supporting the Product.


About this Product

- This product can only enjoy the after-sales service support in the country or region where the purchase is made.
- If the product you choose is a video product, please scan the following QR code to obtain the "Initiatives on the Use of Video Products", and read it carefully.



Acknowledgment of Intellectual Property Rights

- Hikvision owns the copyrights and/or patents related to the technology embodied in the Products described in this Document, which may include licenses obtained from third parties.
- Any part of the Document, including text, pictures, graphics, etc., belongs to Hikvision. No part of this Document may be excerpted, copied, translated, or modified in whole or in part by any means without written permission.
- **HIKVISION** and other Hikvision's trademarks and logos are the properties of Hikvision in various jurisdictions.
- Other trademarks and logos mentioned are the properties of their respective owners.

-  **HDMI**TM HIGH-DEFINITION MULTIMEDIA INTERFACE The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

LEGAL DISCLAIMER

- TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THIS DOCUMENT AND THE PRODUCT DESCRIBED,

WITH ITS HARDWARE, SOFTWARE AND FIRMWARE, ARE PROVIDED "AS IS" AND "WITH ALL FAULTS AND ERRORS". HIKVISION MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY, SATISFACTORY QUALITY, OR FITNESS FOR A PARTICULAR PURPOSE. THE USE OF THE PRODUCT BY YOU IS AT YOUR OWN RISK. IN NO EVENT WILL HIKVISION BE LIABLE TO YOU FOR ANY SPECIAL, CONSEQUENTIAL, INCIDENTAL, OR INDIRECT DAMAGES, INCLUDING, AMONG OTHERS, DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION, OR LOSS OF DATA, CORRUPTION OF SYSTEMS, OR LOSS OF DOCUMENTATION, WHETHER BASED ON BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE), PRODUCT LIABILITY, OR OTHERWISE, IN CONNECTION WITH THE USE OF THE PRODUCT, EVEN IF HIKVISION HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR LOSS.

- YOU ACKNOWLEDGE THAT THE NATURE OF THE INTERNET PROVIDES FOR INHERENT SECURITY RISKS, AND HIKVISION SHALL NOT TAKE ANY RESPONSIBILITIES FOR ABNORMAL OPERATION, PRIVACY LEAKAGE OR OTHER DAMAGES RESULTING FROM CYBER-ATTACK, HACKER ATTACK, VIRUS INFECTION, OR OTHER INTERNET SECURITY RISKS; HOWEVER, HIKVISION WILL PROVIDE TIMELY TECHNICAL SUPPORT IF REQUIRED.
- YOU AGREE TO USE THIS PRODUCT IN COMPLIANCE WITH ALL APPLICABLE LAWS, AND YOU ARE SOLELY RESPONSIBLE FOR ENSURING THAT YOUR USE CONFORMS TO THE APPLICABLE LAW. ESPECIALLY, YOU ARE RESPONSIBLE, FOR USING THIS PRODUCT IN A MANNER THAT DOES NOT INFRINGE ON THE RIGHTS OF THIRD PARTIES, INCLUDING WITHOUT LIMITATION, RIGHTS OF PUBLICITY, INTELLECTUAL PROPERTY RIGHTS, OR DATA PROTECTION AND OTHER PRIVACY RIGHTS. YOU SHALL NOT USE THIS PRODUCT FOR ANY PROHIBITED END-USES, INCLUDING THE DEVELOPMENT OR PRODUCTION OF WEAPONS OF MASS DESTRUCTION, THE DEVELOPMENT OR PRODUCTION OF CHEMICAL OR BIOLOGICAL WEAPONS, ANY ACTIVITIES IN THE CONTEXT RELATED TO ANY NUCLEAR EXPLOSIVE OR UNSAFE NUCLEAR FUEL-CYCLE, OR IN SUPPORT OF HUMAN RIGHTS ABUSES.
- IN THE EVENT OF ANY CONFLICTS BETWEEN THIS DOCUMENT AND THE APPLICABLE LAW, THE LATTER PREVAILS.

© Hangzhou Hikvision Digital Technology Co., Ltd. All rights reserved.

Applicable Models

This manual is applicable to the All-in-One Video Bar.

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.

TABLE OF CONTENTS

Chapter 1 Introduction	1
1.1 Packaging List	1
1.2 Appearance and Interfaces	1
1.2.1 Front Appearance	1
1.2.2 Back Appearance	1
1.2.3 Interfaces Description	2
1.3 Remote Control.....	3
1.3.1 Indicator Status Description.....	4
1.3.2 Remote Control Pairing.....	4
Chapter 2 Connection	7
Chapter 3 Screen Mirroring	8
3.1 Wireless Dongle Screen Mirroring	8
3.2 WonderCast Screen Mirroring	9
3.3 Meeting.....	10
3.3.1 Wireless Meeting	10
3.3.2 Wired Meeting	10
Chapter 4 System Settings	13
4.1 Network Configuration	13
4.1.1 Wired Network	13
4.1.2 Wireless Network.....	13
4.1.3 Cast Hotspot.....	14
4.2 Camera Configuration	14
4.3 Audio Configuration	18
4.4 General Configuration	18
4.5 Device Option	19
4.6 Device Information	20

Chapter 1 Introduction

Based on audio and video processing technology, the All-in-One Video Bar (referred to as "the device") is an easy-to-use, efficient, smooth, and safe video conference camera.

The device is designed for seamless integration with popular conference platforms, offering versatility for a wide array of applications including daily conferences, remote training sessions, telemedicine consultations and collaborative work environments.

1.1 Packaging List

Table 1-1 Packaging List

Name	Quantity	Name	Quantity
All-in-One Video Bar	1	Wireless Dongle	1
Power Adapter	1	Quick Start Guide	1
Remote Control	1	Regulatory Compliance and Safety Information	1
Remote Control Battery	2	Thank You Card	1
HDMI Cable	1	USB A2C Cable	1
Wall-Mounted Bracket	1	/	/

1.2 Appearance and Interfaces

1.2.1 Front Appearance

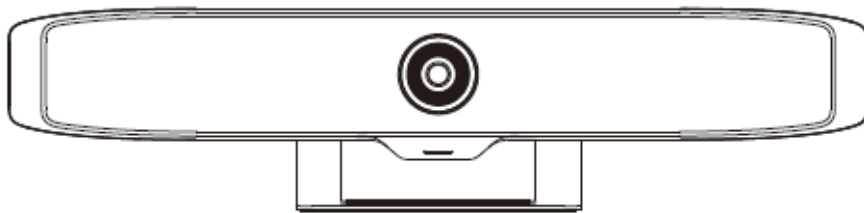


Figure 1-1 Device Front Appearance

1.2.2 Back Appearance

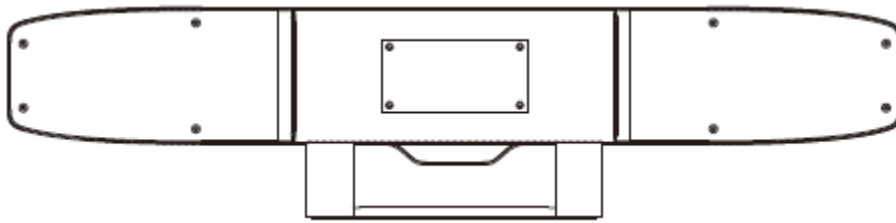


Figure 1-2 Device Back Appearance

1.2.3 Interfaces Description

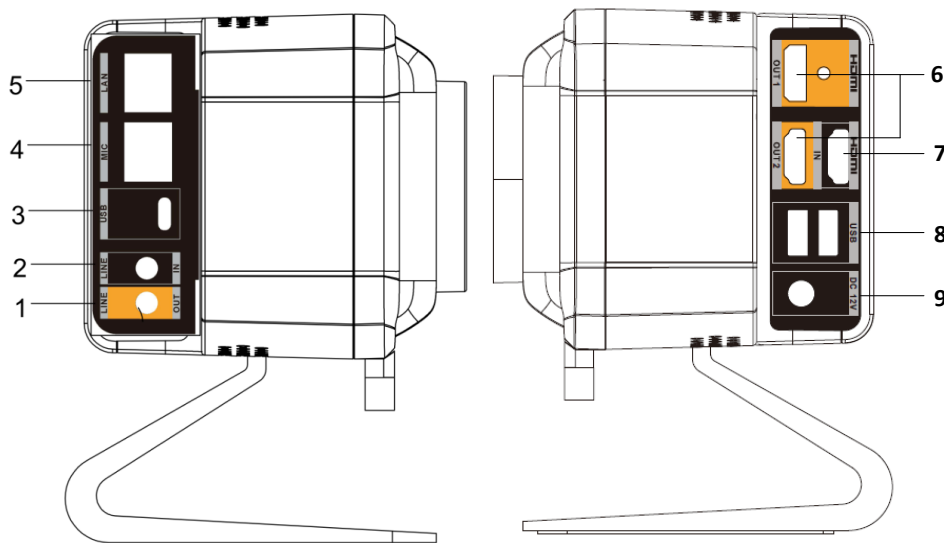


Figure 1-3 Device Interfaces

Table 1-2 Interfaces Description

No.	Name	Description
1	LINE OUT	Audio output interface, supporting connecting to the external speaker.
2	LINE IN	Audio input interface, supporting connecting to the external sound system, e.g., sound console.
3	Type-C	Type-C interface to connect PC with device when in wired meeting mode.
4	MIC	Reserved interface.
5	LAN	Network port 10 MB / 100 MB / 1000 MB adaptive, interacting with the downstream device network.
6	HDMI OUT 1/2	HDMI output interface 1 and 2, supporting connecting to screens, and displaying the same page on both screens.






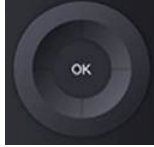





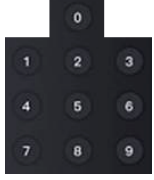
7	HDMI IN	HDMI input interface, connecting to the local sharing page.
8	USB	USB 2.0 interface, connecting to USB flash drive, mouse, keyboard, etc.
9	DC 12V	DC 12V power input interface, connecting to the equipped power adapter.

1.3 Remote Control



Figure 1-4 Remote Control

Table 1-3 Button Description

Icon	Button Description
	Turn on/off privacy mode (effective when turning on the camera)
	Turn on/off audio Bluetooth
	Shortcut key for volume
	Mute/Unmute microphone
	Go to the HDMI OUT resolution switch page
	Electronic Pan Tilt quick control
	Return
	Menu
	Switch mode (smart view, smart tracking, smart gallery, etc.) Operations refer to " 4.2 Camera Configuration ".
	Zoom in
	Zoom out
	Numbers 0 to 9. In manual mode, you can long press 1 to 5 to set presets, and then press 1 to 5 to call the corresponding preset in camera preview page.

1.3.1 Indicator Status Description

- Steady red: indicates that the device is in standby.
- Steady white: indicates that the device is working normally.

1.3.2 Remote Control Pairing

 **Caution**

- The remote control is used with All-in-One Video Bar and cannot be mixed with other devices.
- The distance between the remote control and the device is 5 m. The device cannot be controlled beyond this distance.
- Please use a 1.5 V battery. Batteries of other specifications may fail to pair due to insufficient battery power.

The remote control has been paired at the factory. If you need to pair a new remote control, the specific operations are as follows:

Step 1 Press and hold  and  at the same time.

Step 2 When the indicator light flashes at high frequency, release the buttons. The remote control and the device are pairing. When pairing, the indicator light changes from high-frequency flashing to constant on, and finally goes out. When the device prompts "Remote control connected" on the screen, the remote control and device are paired successfully.

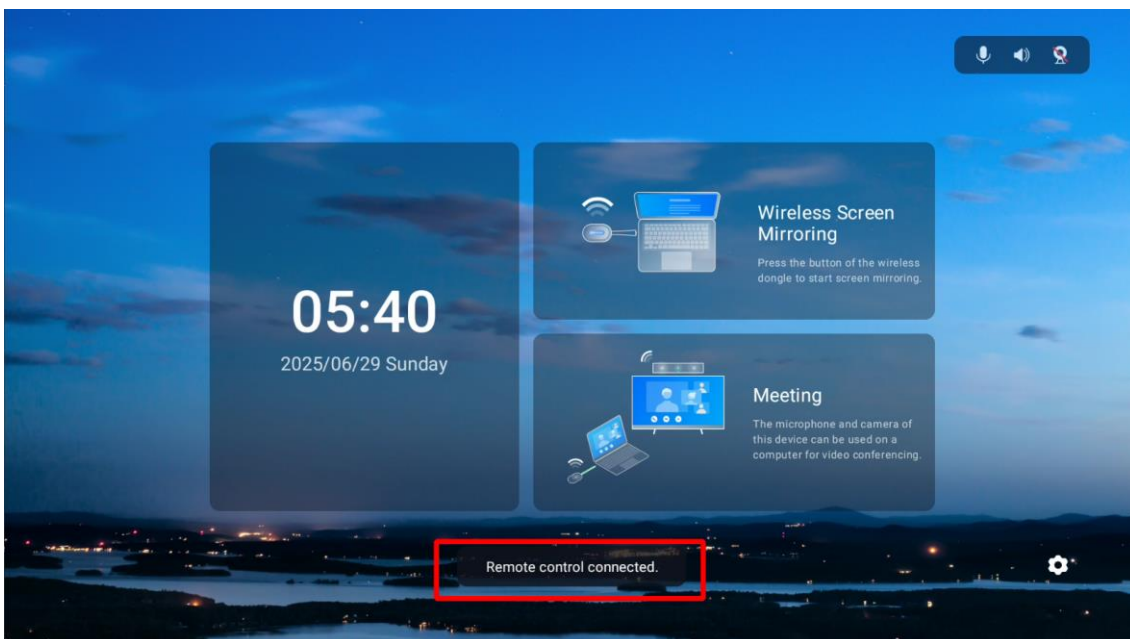


Figure 1-5 Remote Control Connected

Step 3 Operate the device with remote control.

 **Note**

If the pairing of the remote control and the device fails, you can press any button on the remote control to solve the problem according to the information displayed by the indicator light.

- When the indicator light flashes several times, it is recommended to restart the device and pair it again.
- When the indicator flashes once, the remote control may be connected to other devices. Find the connected device, cancel the connection, and then pair the device again. If the pairing still fails, it is recommended to restart the device to pair again.

Chapter 2 Connection

After the device is installed steadily, you can start connecting screens, mouse and so on with the device.

Steps

Step 1 Find **DC 12V** interface on the right of the device, and connect with the power adapter.

Step 2 (Optional) Find **USB** interface on the right of the device to connect the mouse or keyboard.

Step 3 Find **HDMI OUT 1/2** interface on the right of the device, and use a HDMI cable to connect with a screen. After all connections, the device will start up, and you will see the main page.

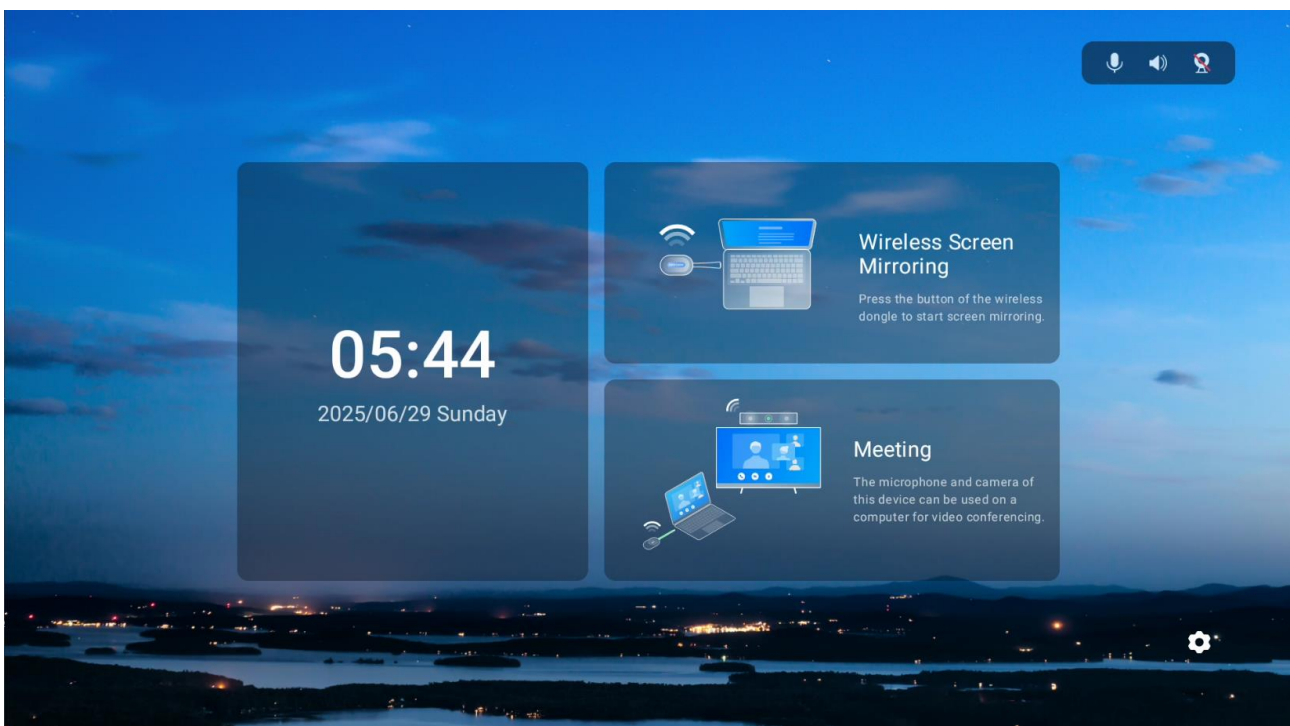


Figure 2-1 Device Main Page

Note

The **HDMI OUT 1** interface as the main output interface is firstly recommended to be used.

Chapter 3 Screen Mirroring

3.1 Wireless Dongle Screen Mirroring

Through a wireless Dongle, the screen of your PC can be mirrored to the screen connected to the device.

Note

When the wireless dongle detects a new version, it will automatically upgrade (which may take a long time). Do not pull out the wireless dongle during the upgrade process.

Steps

Step 1 Insert the wireless dongle into the USB Type-C or Type-A port of the device, and the wireless dongle will be paired with the device automatically.

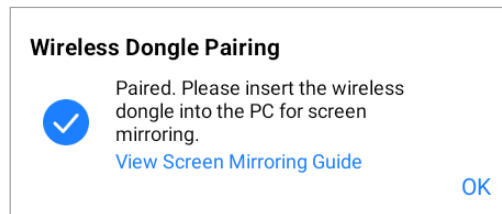


Figure 3-1 Wireless Dongle Paired

Note

- After inserting the wireless dongle into the device, you will see “Wireless dongle detected” on the screen in around 5 seconds, and later you will find “Wireless Dongle Pairing” prompted on the screen.
- If “Pairing failed” is prompted, please unplug and insert the wireless dongle again.
- Do not unplug the wireless dongle while pairing.

Step 2 After paired with device, unplug the wireless dongle and connect it to the USB Type-A or Type-C port of your PC, and the PC will automatically run ScreenCast.

Note

- Running ScreenCast may vary on different models of the PC. If your PC does not run ScreenCast automatically, please go to My PC→Dongle Disk→ScreenCast.exe to run it manually (operations in Windows 10 for example).
- If you want to mirror the screen with 4K resolution, please connect the wireless dongle to the USB Type-C port (supporting DP output) of your PC.

Step 3 After the prompt "Connected" appears on the PC, you can mirror your screen by pressing the button on the wireless dongle. Press again to stop mirroring.

 **Note**

For more details, you can scan the QR code or click the link in “**3.2 WonderCast Screen Mirroring**” to find WonderCast User Manual.

3.2 WonderCast Screen Mirroring

You can click **Wireless Screen Mirroring** to find the function guides, and mirror your PC or mobile phone on the screen according to the description. Please scan the QR code or click the link below to see the user manual.



Figure 3-2 [WonderCast User Manual](#)

 **Note**

Functions of WonderCast may vary on different device models. Please refer to the actual situation of the application.

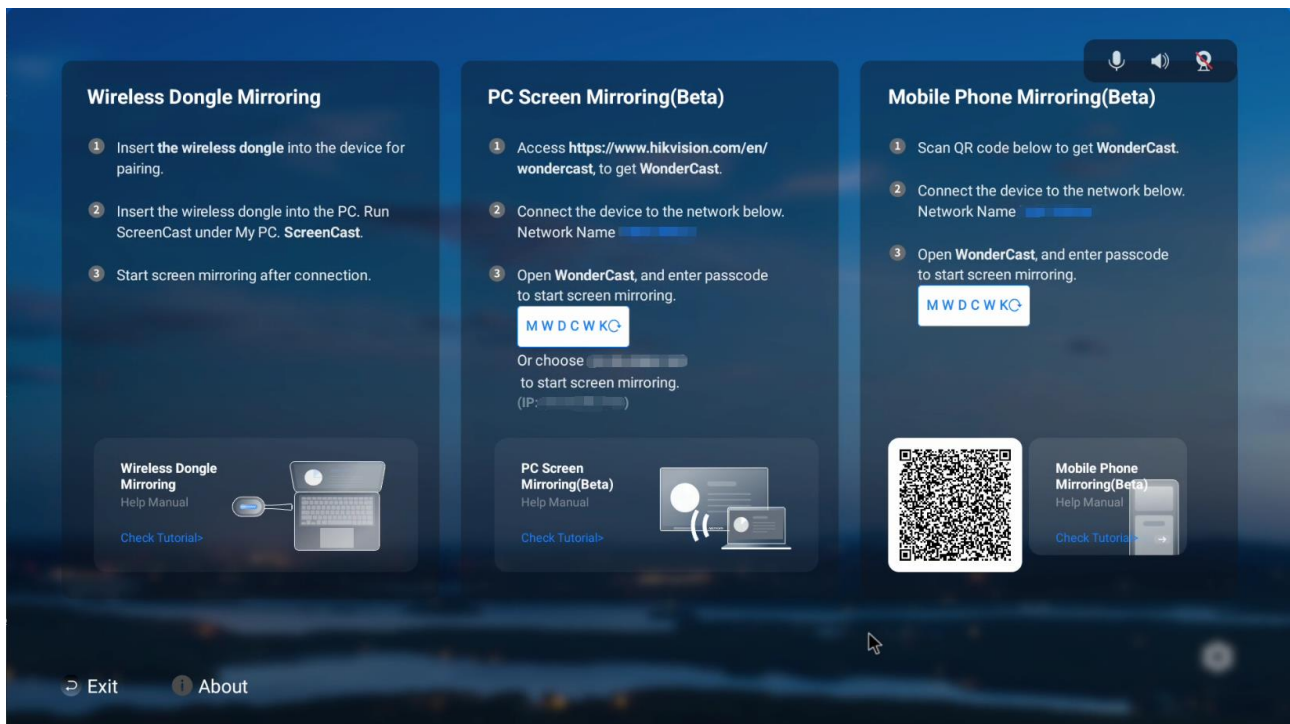


Figure 3-3 WonderCastServer

3.3 Meeting

With Meeting function, you can choose to use the camera and microphone of the device during the video conferencing on your PC.

3.3.1 Wireless Meeting

Click **Meeting** on the main page. You can find the function guides on the left for wireless meeting in the video conferencing.

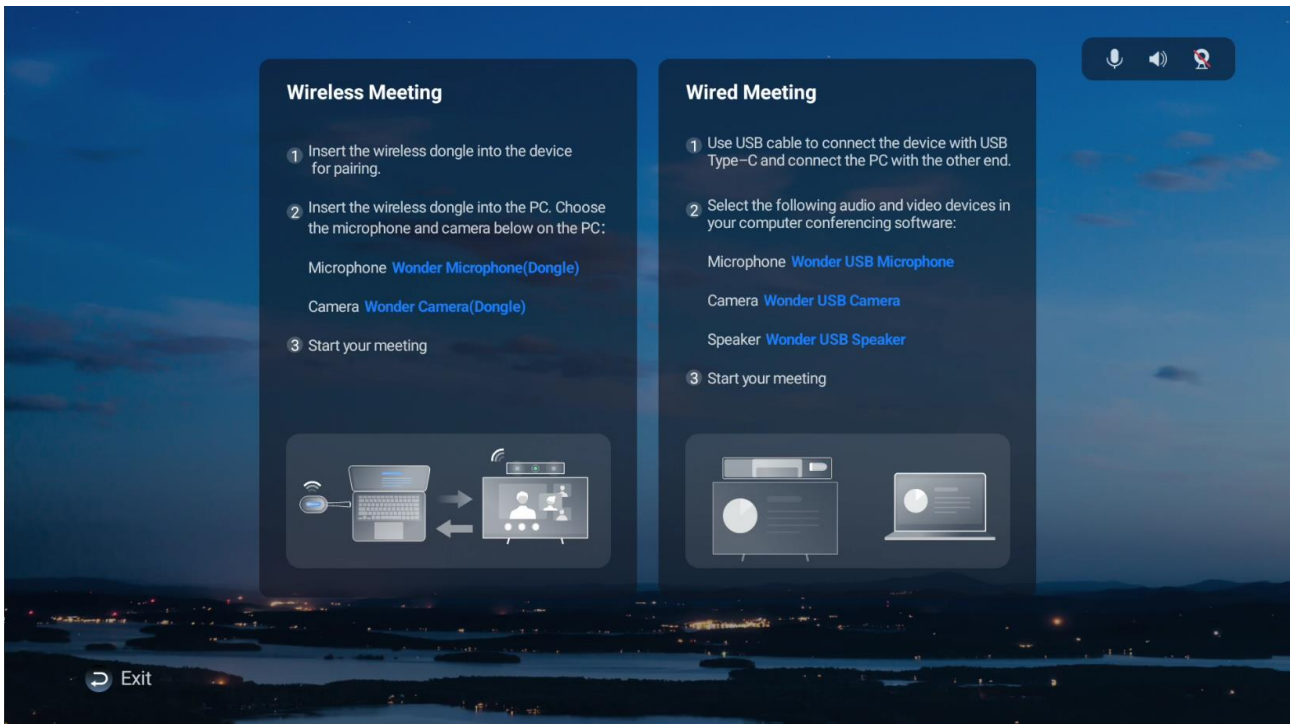


Figure 3-4 Meeting Function Guide

3.3.2 Wired Meeting

Steps

Step 1 Use USB cable to connect the device with USB Type-C and connect the PC with the other end.



Figure 3-5 Connect PC and the Device with USB Type-C

Step 2 Choose **Wonder USB Camera/Microphone/Speaker** in your conference. The camera, microphone, and speaker of the device will be used during your video conferencing.

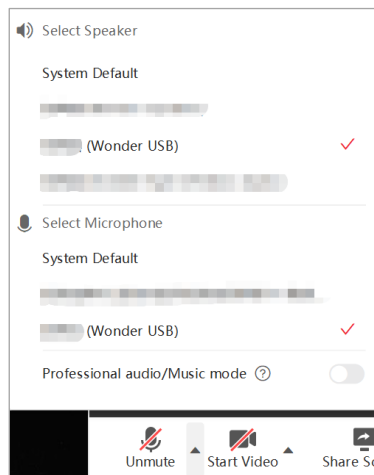


Figure 3-6 Choose Wonder USB Speaker/Microphone

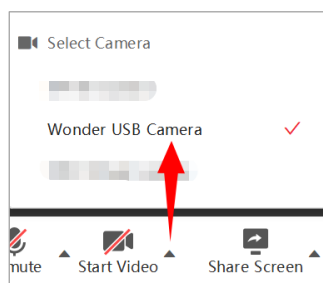


Figure 3-7 Choose Wonder USB Camera

Step 3 (Optional) Find **HDMI IN** interface on the right of the device, and connect PC and the device with a HDMI cable to start screen mirroring.

 **Note**

- If you only need to mirror the screen image, connect your PC to the device using an HDMI cable instead of a USB cable.
- Wireless meeting has higher priority than wired meeting:
 - 1) If you already start a conference in wireless meeting mode, wired meeting function will not be performed even with USB/HDMI connection.
 - 2) If you already start a conference in wired meeting mode, when wireless dongle is connected, the conference will switch to wireless meeting mode.
 - 3) In wireless meeting mode, if you connect your PC to the device using a USB/HDMI cable, when exiting wireless mode, the conference will enter wired meeting mode automatically.

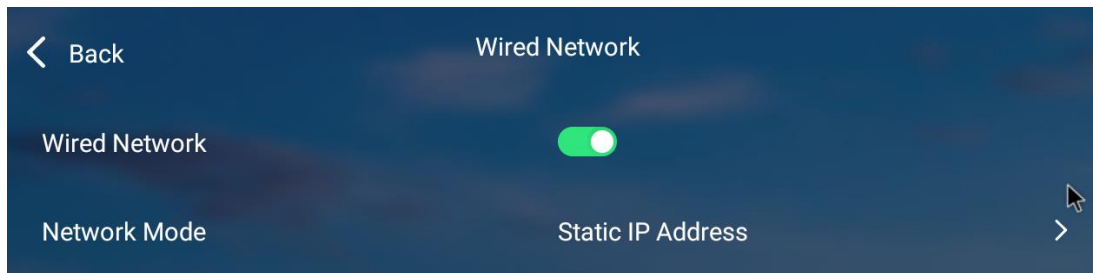
Chapter 4 System Settings

4.1 Network Configuration



Wired network and wireless network cannot be used at the same time.

4.1.1 Wired Network



Steps

Step 1 Go to **Settings** → **Network Configuration** → **Wired Network**.

Step 2 Enable **Wired Network**.

Step 3 Select the **Network Mode: Static** or **Dynamic IP Address**.

Step 4 Set network parameters, such as IP Address, Subnet Mask, Gateway.

4.1.2 Wireless Network

Steps

Step 1 Go to **Settings** → **Network Configuration** → **Wireless Network**.

Step 2 Enable **Wireless Network**.

Step 3 (Optional) Click **Refresh** to find nearby network.

Step 4 Click an available network, and enter password to connect.

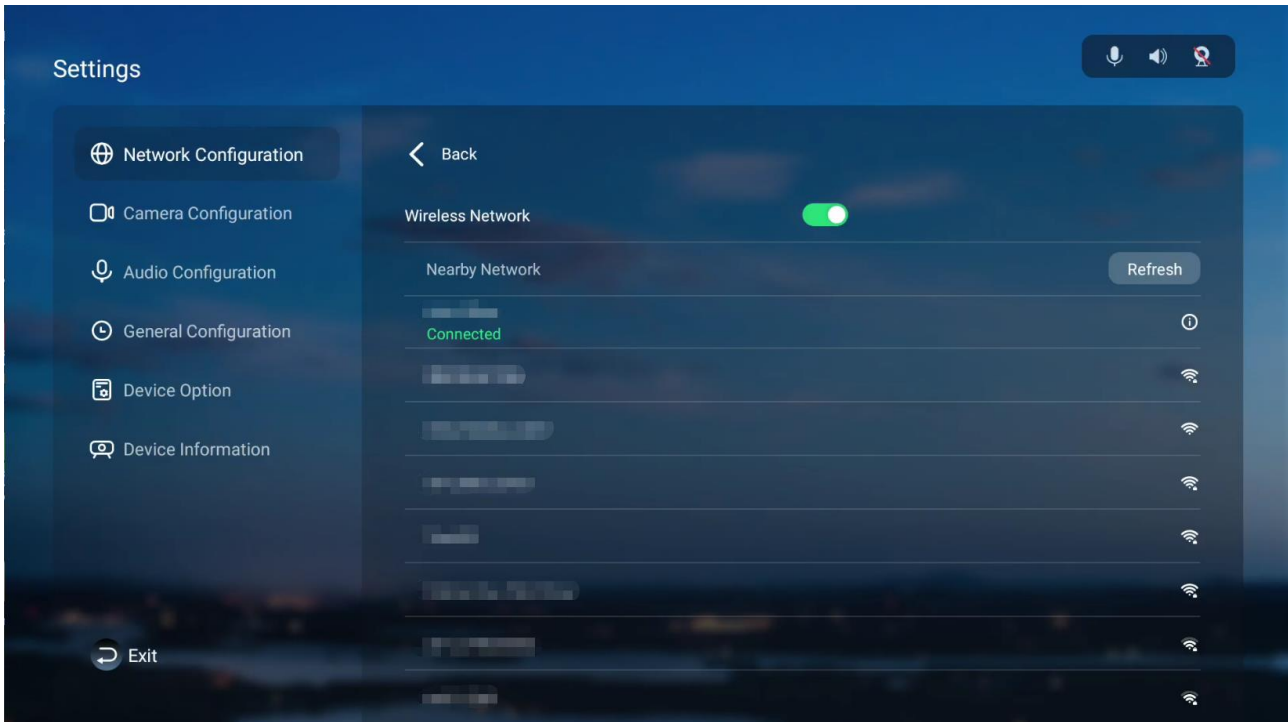


Figure 4-1 Connect Wireless Network

Step 5 (Optional) Click  to forget this network and find information about this network.

4.1.3 Cast Hotspot

The **Cast Hotspot** will be enabled automatically when the wireless dongle is inserted into the device during pairing.

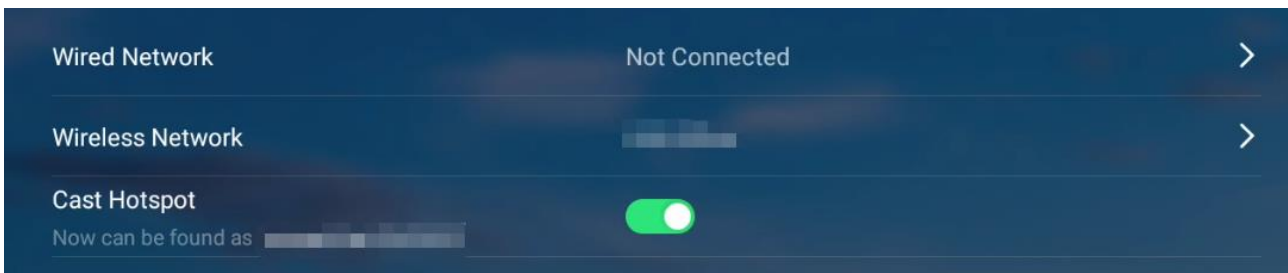


Figure 4-2 Cast Hotspot Enabled

4.2 Camera Configuration

Click **Camera Configuration** to configure camera framing mode, brightness, etc.

- Framing Mode
 - Manual Mode: Adjust camera view manually.
 - Smart View: The camera adjusts the view automatically according to the target in the image.

- Smart Tracking: The camera adjusts the view automatically according to the recognized voice.
- Smart Gallery: When there are no more than 6 persons in the conference room, the camera will recognize persons, zoom in, and display several windows for each person on the screen. If there are more than 6 persons, the camera will switch to smart view mode automatically.
- Other Parameters: Edit device backlight compensation /brightness/contrast/saturation/sharpness/gain, and restore camera default parameters.

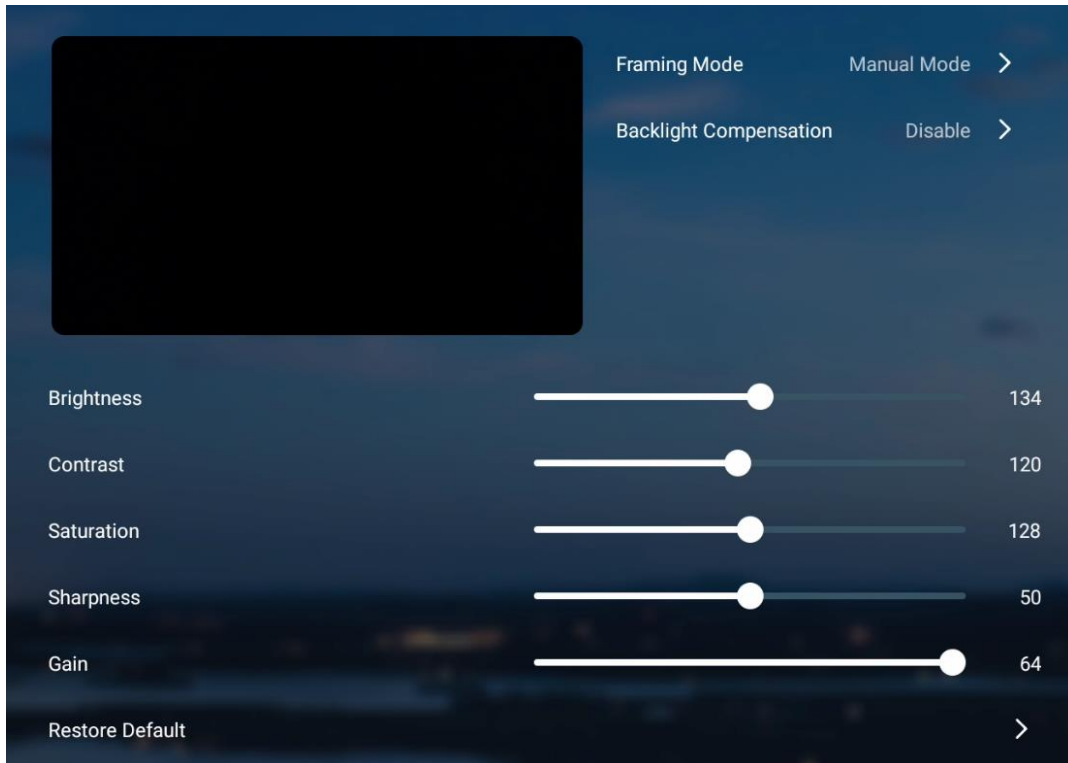


Figure 4-3 Camera Configuration

Click the camera window to display in full screen. Click the right mouse button, or press the back button on the remote control to exit full screen.

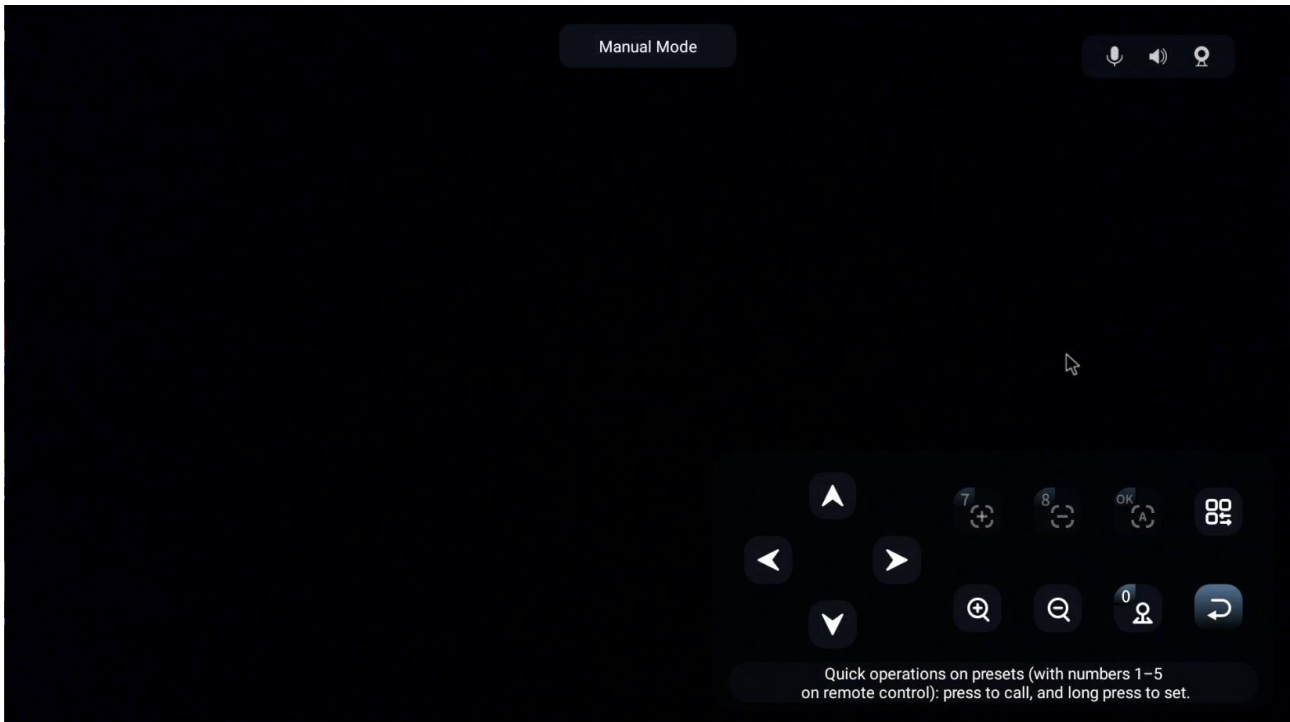







Figure 4-4 Display in Full Screen

- : Click/Long press the icon via mouse or remote control to zoom in.
- : Click/Long press the icon via mouse or remote control to zoom out.
- : After zooming in, move the image up/down/left/right.
- : Click the icon, or press number 0 on the remote control to find the preset list. In the preset list page:
 - **Delete Preset:** Click  or press number 0 on the remote control to delete the corresponding preset.
 - **Set Preset:** Click and hold on a preset in the list, or long press OK on the remote control to set a preset.

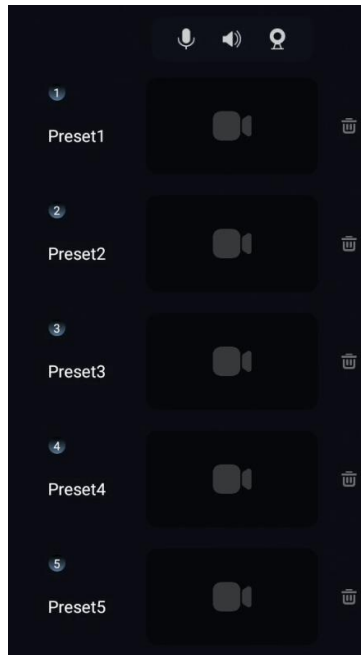




Figure 4-5 Press Number 0 to Set/Call Presets

- : Click the icon via mouse or remote control to select the framing mode.
- : Click the icon, or press back button on the remote control to exit full screen.
- Quick operations on presets (with numbers 1 to 5 on remote control): You can press numbers to call presets, and long press numbers to set.

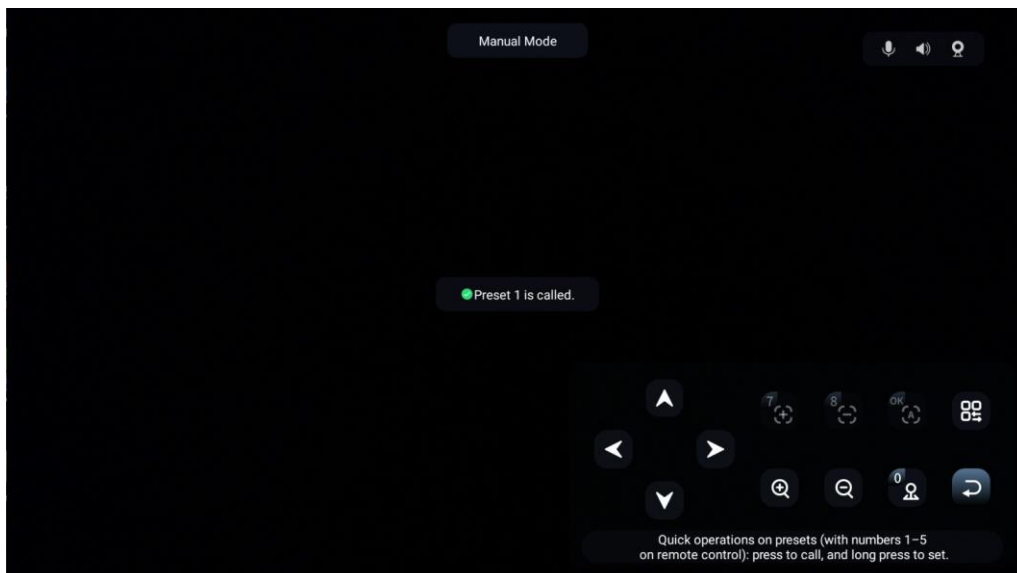
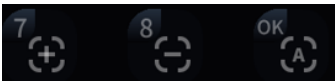


Figure 4-6 Call Preset

 **Note**

-  are used for manual or auto zoom, which are not supported on the device for now. The remaining camera control functions are only available in manual framing mode.
- The page may vary on different devices. Please refer to the actual situation.

4.3 Audio Configuration

Select **Audio Configuration** to configure the microphone and speaker.

- **Output Device:** Select the speaker.
 - **Check Speaker:** Check if the speaker is normal.
 - **Output Volume:** Adjust the output volume.
- **Input Device:** Select the microphone.
 - **Check Microphone:** Check whether the microphone can pick up sound normally.
 - **Microphone Switch:** Enable/Disable microphone.
- **Audio Bluetooth:** You can connect the device with your phone, and the device can play audio from your phone.

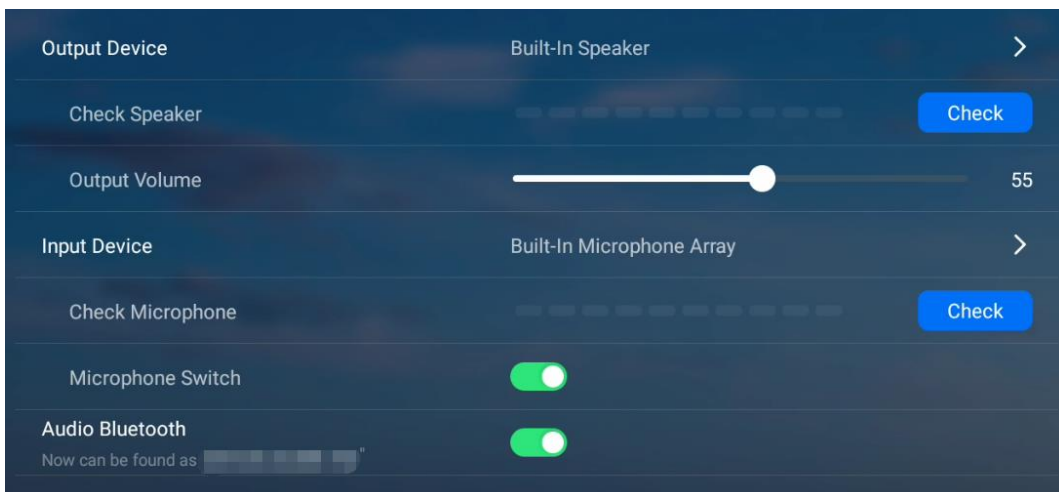


Figure 4-7 Audio Configuration

4.4 General Configuration

Select **General Configuration** to configure device time zone, time, whether to enable network time sync, whether to use 24-hour format, and device language.

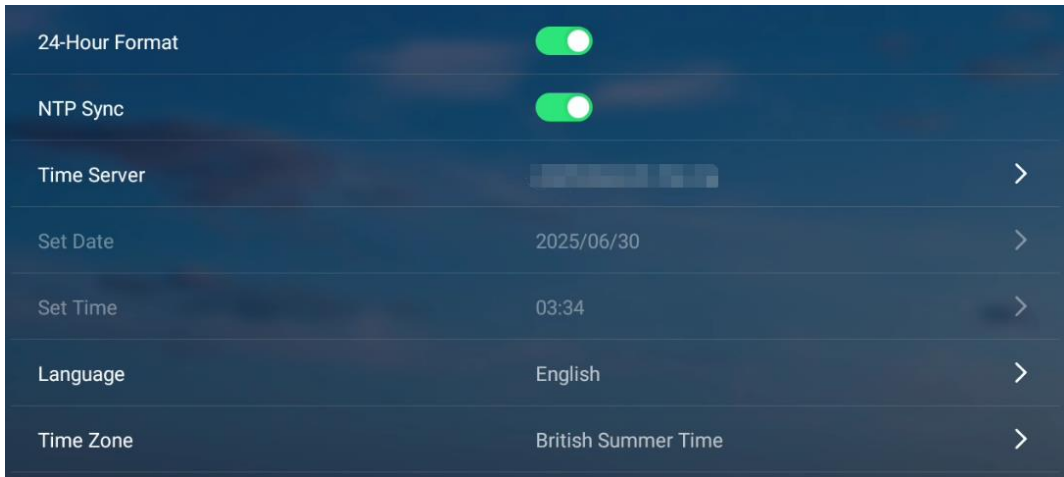


Figure 4-8 General Configuration

4.5 Device Option

Select **Device Option**. You can upgrade the device, and configure whether to enable network ADB service/log service, export device log, set the output resolution, restart device, and restore device factory settings.

- **Software Upgrade:** Online upgrade (Device should be connected to network) or upgrade via USB flash drive.
- **Log Service:** After enabling, device log information will be recorded automatically.
- **Export Log:** After inserting the USB flash drive, you can export the log to the USB flash drive.
- **HDMI Out:** Set the output resolution.
- **Restart:** Restart the device manually.
- **Restore Factory Settings:** Restore all parameters of the device to factory value. Please operate with caution.

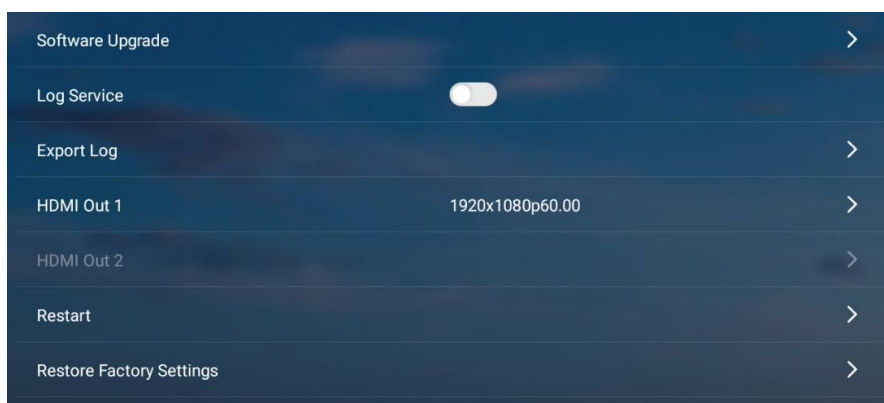


Figure 4-9 Device Options

Upgrade Device

Click **Software Upgrade** to upgrade online or via USB flash drive.

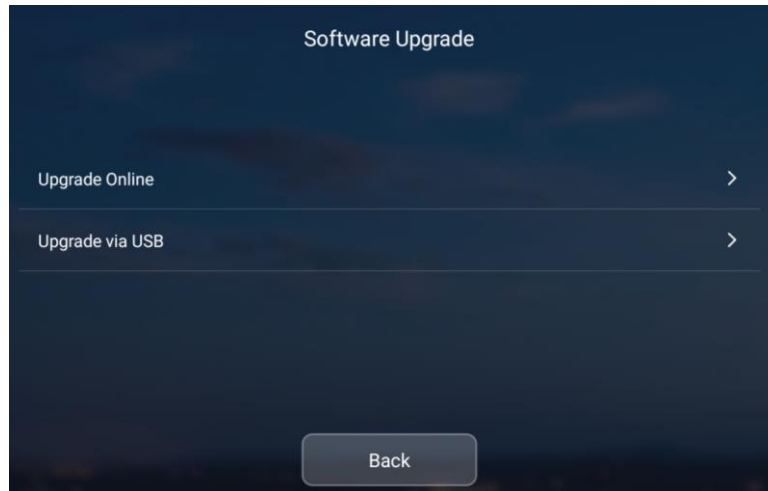


Figure 4-10 Software Upgrade

- Online Upgrade

Check if new version of software exists, and upgrade. Manual detection or auto detection is supported.

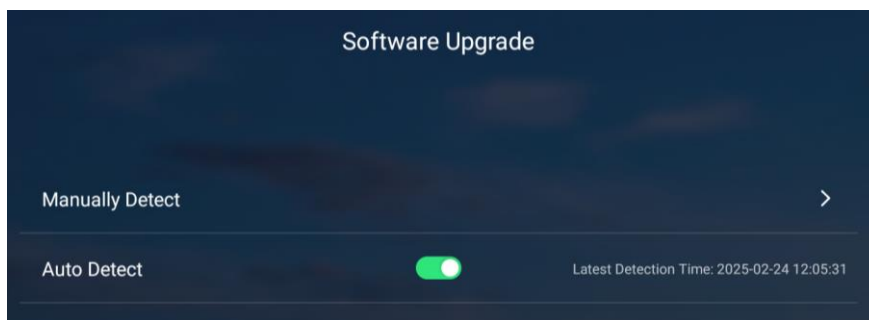


Figure 4-11 Upgrade Online

- Upgrade via USB Flash Drive

Insert the USB flash drive with the new version of software to upgrade.

4.6 Device Information

Click **Device Information** to view device model, serial No., IP address, version, open source information, user manual, etc.

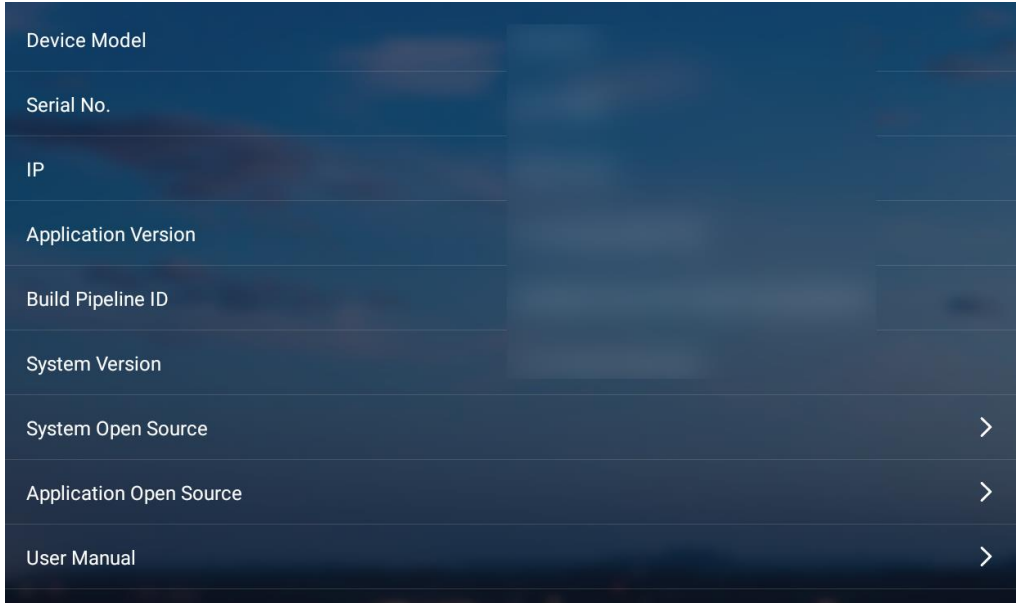


Figure 4-12 Device Information



See Far, Go Further