

FCC Warning

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.



Smart Video Conference System OSC1 Manual

Version:V1.2

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1. About this Document

Revision History

Version	Release Date	Revision History	Description
V1.0	2022-05-06	Published chapters 1-7	software version V1.2
V1.1	2022-10-12	Updating chapters 1-7	software version V2.0.3

Reader

All users of this product.

Icon

Icon	Introduction
	The "Note" icon adds a note to the text to remind the user.
	The "attention" icon, which indicates potential risks, emphasizes the user to operate cautiously.

Symbol

Symbol	Introduction
>	It indicates a multi-level menu, such as [Base Configuration] > [Template Setting]
[]	It indicates an action, such as clicking [OK] or [Save] .
bold	It plays an emphasis role, generally appearing in menu names, configuration items, and action items.

Notice

The descriptions in this manual may not correspond exactly to the products or accessories you have purchased.

2. Understanding the Product

This chapter will show you Ostin’ s Smart Video Conference System OSC1 by showing the front view, side view and back view of the conference equipment.



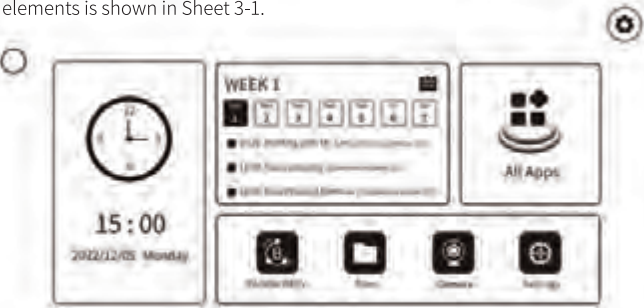
①SD CARD ②POWER ③BOOT & RST ④USB



From left to right, the interfaces are:
①POWER ②LINE OUT ③LINE IN ④TYPE-C ⑤HDMI OUT
⑥HDMI IN ⑦HDMI OUT ⑧USB ⑨LAN ⑩POE

3. Understanding the Home Page

Enter the home page, you will see **[Current date and time]**, **[Application module]**, **[Settings]**, **[Assistive touch]**, the detailed introduction of the elements is shown in Sheet 3-1.



Element	Description	Notes
 Application module	4 APPs are displayed by default, and all other APPs are put away in [All Apps] .	The four applications displayed in the main interface can be customized. They are not fixed and can be replaced independently.
 Settings	Click Settings, you can quickly enter the setting interface.	
 Assistive touch	Long press to drag to place anywhere near the edge.	The assistive touch could be display while using the Apps.

Sheet 3-1

4. Camera

During a meeting, you can enable the camera and invoke camera-related functions. Enter the home page, click **[Camera]**, and you can take real-time pictures of the venue. OSC1 provides three framing modes, which are **[Autoframing]**, **[Speaker tracking]** and **[Panoramic display]**. You can switch the framing mode at any time, and can also set the camera image parameters yourself.



Turn on the camera Figure 4-1

Function	Description
Autoframing	Select the mode of [Autoframing] , the camera will capture all participants.
Speaker tracking	Select [Speaker tracking] mode, the camera will focus on the conference speaker.
Panoramic display	Select [Panoramic display] mode, the camera will display the whole scene of the meeting room.
Camera setting	Select [Camera setting] to adjust the camera position and image parameters.



Select the framing mode Figure 4-2

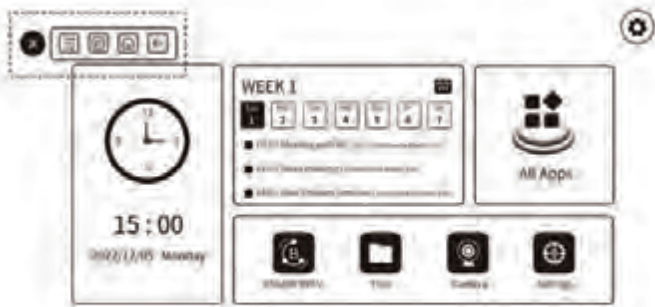
How to set camera image parameters

Set project	Description
Image mode	You can choose [Standard] or [Display] to adjust the image mode.
Anti-flicker	You can enable the anti-flicker function to make the video image effect more stable.
Mirror	You can enable the mirror function and adjust the mirror effect.
Restore the default value	You can click [Restore the default value] to restore all parameter settings to their default values.



Set camera image parameters Figure 4-2

5. Assistive Touch



Assistive Touch Figure 5-1

Click the Assistive touch, and the floating menu will expand, including four functional options: **[Shortcuts]** **[Background tasks]** **[Home]** **[Return]**. This is shown in Figure 5-1.

Name	Description
	[Shortcuts] , Shortcut Settings include [Mute] , [Silence] , [Power] , [Screenshot] , [Camera mode] , [Speaker] , [Microphone] and [Settings] .
	[Background tasks] , manage or clear your background application.
	[Home] , Click to return to the home page.
	[Return] ,Click to directly go back to the previous page.

5.1 Shortcuts

During the meeting, you can adjust the meeting parameters through the shortcut setting function to meet your needs and make your meeting experience achieve better results. Click **[Shortcuts]** to open the suspension function interface. The corresponding functions of each button are shown in the table below:



Function	Description
Mute	Click [Mute] to disable or open all sound input in the conference system.
Silence	Click [Silence] to disable all sound output from the conference system.
Power	Click [Power] to choose [Restart] , [Sleep] and [Shutdown] , click [OK] to complete the corresponding operation, please operate carefully!
Screenshot	Click [Screenshot] , you can take a screenshot of the current page, and you can edit and share your screenshot image.
HDMI IN	Click [HDMI IN] to display from the HDMI input.
Framing mode	Click [Framing mode] to adjust the camera mode. There are three modes: [Autoframing] , [Speaker tracking] and [Panoramic display] . The default is Panoramic display.

Mirror-camera	Click [Mirror-camera] to flip the image.
Normal	Click [Normal] to switch [UVC mode] .
Speaker volume	Drag slider to adjust output volume of the speaker.
Microphone volume	Drag the slider to adjust the output volume of the microphone.
Settings	Click [Settings] to quickly enter the system settings page.

5.2 Background Task

Applications that have been opened will temporarily remain in the backstage.

If you need to quickly switch applications, you can click **[background task]** to select the corresponding application and directly switch into it.

Applications that have been opened will temporarily remain in the backstage.

If you need to clear background applications, you can click **[Background task]** to select the corresponding application to clear, or click **[Clear all]** to clear all applications in the backstage.



5.3 Home

Click **[Home]** to return to the home page.



5.4 Return to the Previous Page

Click **[Back]** to return to the previous page . At the same time, you can also right click the mouse to return to the previous page.



6. Wireless Screen Projection

In the meeting, if you need to use the screen projection function, you can use the built-in screen projection application to connect the device and perform real-time conference screen projection.

Go to the home page, click **[All Applications]>[ESHOW]**, you can follow the prompts on the page to complete the screen demonstration.

All Apps Hold down to edit the application



For PC users and mobile users, follow the diagram shown in Figure 6-1.

DevName : RECV_FBO1F0
HotSpot :
Password:



Figure 6-1

7. More Settings

In the meeting, you can adjust the configuration parameters with more settings to achieve the meeting effect you want. Click **[Settings]** to enter the Settings page, and you can choose the function needed.

⚠ Notice: The camera features are described in detail above, please refer to Chapter 4 for more information.

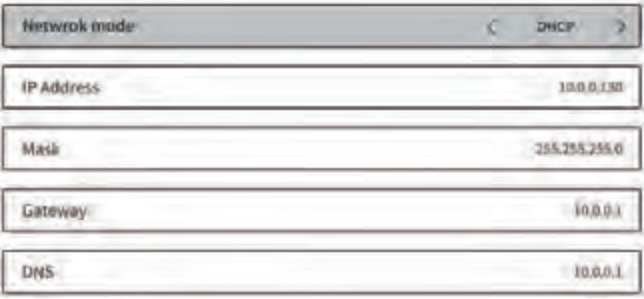
Settings



7.1 Settings - Ethernet

Set up the Ethernet for network connection, at present, it can support DHCP automatic acquisition of IP and static IP . By default, it supports DHCP automatic acquisition, you can also click **[>]** to manually select static IP to connect.

Ethernet(Connected)

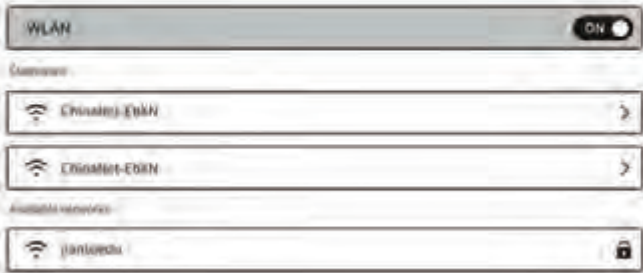


7.2 Settings - WLAN

Turn on the WLAN switch to search for the WiFi for connection.

 **Notice:** WLAN cannot be connected when Ethernet is connected.

☐ WLAN



The WLAN settings interface shows a toggle switch for 'WLAN' which is currently turned 'ON'. Below this, there are three sections: 'Known networks' with two entries 'CHINA001-5414N' and 'CHINA001-ED8N', both with right-pointing arrows; 'Available networks' with one entry 'lan100edu' with a right-pointing arrow and a lock icon.

7.3 Settings - Hotspot

Turn on the hotspot switch to search for hotspot connection. After modifying the hotspot name and password, click **[OK]**. If you do not enter a password, hotspot will support password-free Wifi connection.

☐ HotSpot

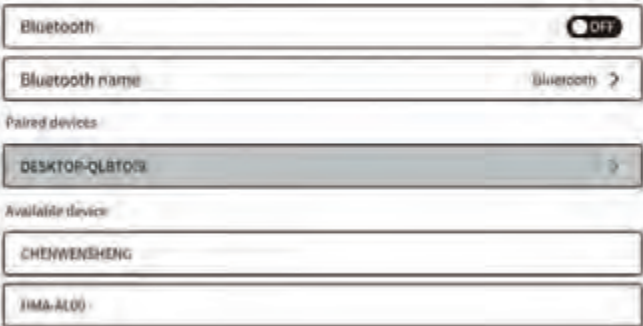


The Hotspot settings interface shows a toggle switch for 'HotSpot' which is currently turned 'ON'. Below this, there are three input fields: 'Hotspot name' with the value 'AndroidAP_3241', 'Password' with the value 'bawohfougoapm26', and two buttons at the bottom: 'OK' and 'Cancel'.

7.4 Settings - Bluetooth

Turn on the bluetooth switch to search for bluetooth connection.

☐ Bluetooth

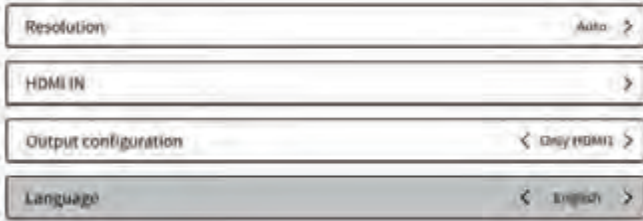


The Bluetooth settings interface shows a toggle switch for 'Bluetooth' which is currently turned 'OFF'. Below this, there are three sections: 'Bluetooth name' with the value 'bluetooth' and a right-pointing arrow; 'Paired devices' with one entry 'DESKTOP-QLBTOG' and a right-pointing arrow; 'Available device' with two entries 'CHENWENSHENG' and 'HMA-A100', both with right-pointing arrows.

7.5 Settings - Display

You can adjust **[Resolution]**, **[HDMI IN]**, **[Output configuration]**, and **[Language]**.

☐ Display



The Display settings interface shows four input fields: 'Resolution' with the value 'Auto' and a right-pointing arrow; 'HDMI IN' with a right-pointing arrow; 'Output configuration' with the value '< Only HDMI >'; and 'Language' with the value '< English >'.

Set resolution as shown below:

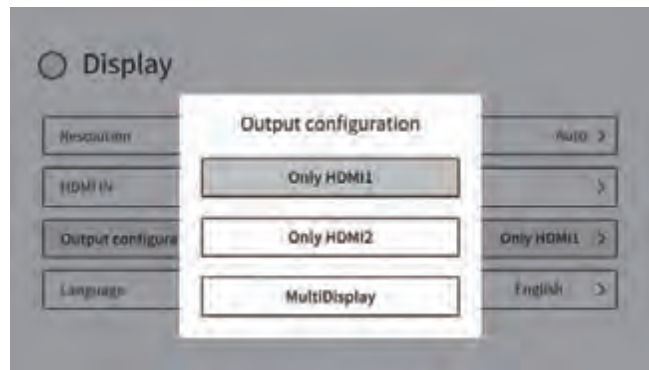
○ Display



Resolution



Set the output configuration as shown below:

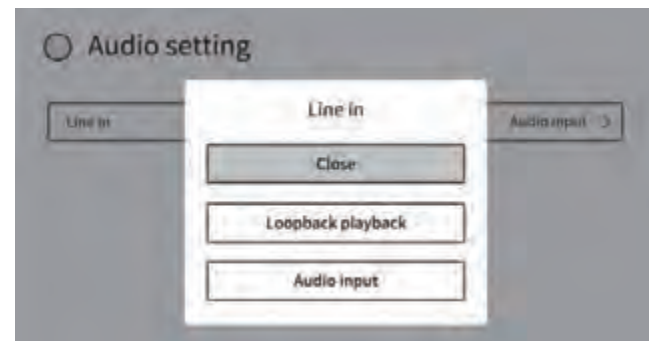


Set the language as shown below:



7.6 Settings – Audio Setting

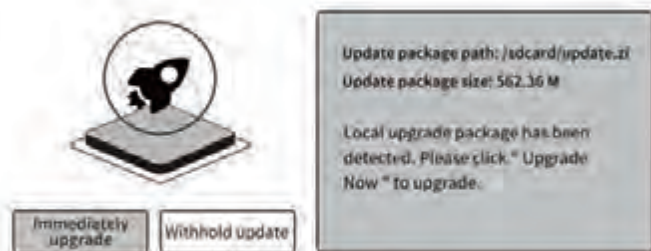
Click **[Audio]** > **[>]** to select the corresponding function of **[Line In]**. You can select **[Loopback playback]**, **[Audio input]** and **[Close]** to optimize the audio effect.



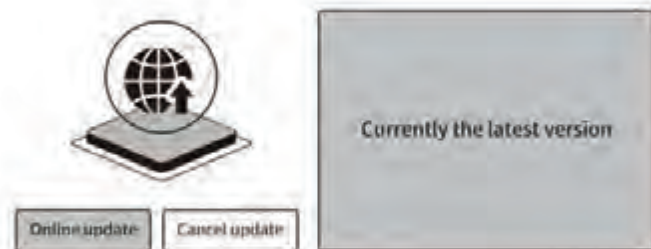
7.7 System Update

Click **[Update & Recover]** > **[Local update]** to enter the local upgrade interface. Click **[Check update]** or **[Retest]**, if there is a new version available for update, the system will prompt you to update.

☐ Local update



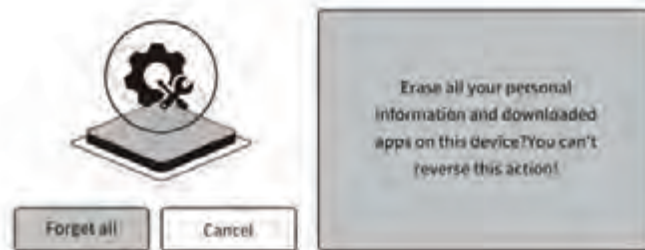
☐ Online update



Notice:

Please proceed with factory reset with caution. After click **[Factory reset]** > **[Forget all]**, all data in the internal storage space of the device will be cleared!

☐ Factory reset



7.8 About

Click **[Settings]** > **[About]** to view the device name, model, serial number, system version number, software version number, Ethernet and WLAN. At the same time, you can also modify the device name, and click **[OK]** after modification.

☐ About

