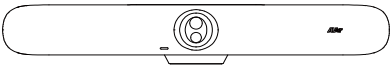
AVer



VB370A
4K Dual Lens Video Bar

— User Manual —

Firmware 0.1.1004.46

Warning

Federal Communication Commission Interference Statement
NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radiofrequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.
FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
This device complies with part 15 of the FCC Rules.
The 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.

This Class A digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

Warning
This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Caution
Risk of explosion if battery is replaced by an incorrect Type. Dispose of used batteries according to the Instructions.

PSTI Statement of Compliance
Please refer to the following website: https://www.aver.com/product-security-advisory

VCCI-A
この装置はクラス A 機器です。この装置を住宅環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。
（注）本製品同梱の電源ケーブルは本製品同梱の電源アダプタでのみ使用してください。本製品同梱の電源ケーブルは他の電気機器では使用できません。

사 용 자 안 내 문
이 기기는 업무용 환경에서 사용할 목적으로 적합성평가를 받은 기기로서 가정용 환경에서 사용하는 경우 전자파간섭의 우려가 있습니다.
※ 사용자 안내문은 "업무용 방송통신기자재"에만 적용됩니다.

기종별	사용자안내문
A급 기기 (업무용 방송통신기자재)	이 기기는 업무용(A급) 전자파적합기기로서 판매자 또는 사용자는 이 점을 주의하시기 바라며, 가정외의 지역에서 사용하는 것을 목적으로합니다.

Privacy & Personal Data Processing Statement

The device does not persistently store any personal data on the device. Data processed is handled strictly as follows:

- Meeting video & audio: The device does not possess internal recording capabilities and does not save any media files.
- AI processing data: To enable AI framing and tracking features, the device analyzes facial features and sound source locations in real-time. This data is never transmitted externally and is instantly discarded after processing, with no persistent storage.

Telemetry Data Statement

AVer does not collect telemetry data from the device for its own purposes.

Telemetry data collection only occurs when the device operates in Zoom Rooms or Mago Mode. In these modes, the conferencing services are provided by third-party cloud platforms. Zoom and Mago collect service-related telemetry and diagnostic data (including meeting usage statistics, connection quality, device and client information, as well as crash and diagnostic logs) in accordance with their respective privacy policies.

The specific data collected, the purposes of collection, data retention periods, and the parties to whom the data is transmitted are determined entirely by these third-party cloud platforms. For detailed information, please refer to their official privacy policies:

- ZOOM: https://explore.zoom.us/privacy
- Mago: https://kb.mago.io/tech-docs/privacy-policy

已註解 [TC1]: 安規，複製貼上。

Disclaimer

No warranty or representation, either expressed or implied, is made with respect to the contents of this documentation, its quality, performance, merchantability, or fitness for a particular purpose. Information presented in this documentation has been carefully checked for reliability; however, no responsibility is assumed for inaccuracies. The information contained in this documentation is subject to change without notice.

In no event will AVer Information Inc. be liable for direct, indirect, special, incidental, or consequential damages arising out of the use or inability to use this product or documentation, even if advised of the possibility of such damages.

Trademarks
"AVer" is a trademark owned by AVer Information Inc. Other trademarks used herein for description purpose only belong to each of their companies.

Android is a trademark of Google LLC.
https://developer.android.com/distribute/marketing-tools/brand-guidelines

All HDMI trademarks and trade dress are registered trademarks or trademarks of HDMI Licensing Administrator, Inc.

Copyright
©2026 AVer Information Inc. All rights reserved. | November 10, 2026
All rights of this object belong to AVer Information Inc. Reproduced or transmitted in any form or by any means without the prior written permission of AVer Information Inc. is prohibited. All information or specifications are subject to change without prior notice.

More Help
For FAQs, technical support, software and user manual download, please visit:

Non-USA
Download Center: https://www.aver.com/download-center
Technical Support: https://www.aver.com/technical-support

USA
Download Center: https://www.averusa.com/support/
Technical Support: https://averusa.force.com/support/s/contactsupport

Contact Information

Headquarters
AVer Information Inc.
8F, No.157, Da-An Rd.,
Tucheng Dist., New Taipei City
236042, Taiwan
Tel: +886 (2) 2269 8535

Japan Branch Office
アバー・インフォメーション株式会社
〒160-0023 日本東京都新宿区西新宿 3-2-26 立花新宿ビル 7 階
Tel: +81 (0) 3 5989 0290
お客様サポートセンター（固定電話のみ）：+81 (0) 120 008 382

USA Branch Office
AVer Information Inc., Americas
44061 Nobel Drive, Fremont,
CA 94538, USA
Tel: +1 (408) 263 3828
Toll-free: +1 (877) 528 7824

Vietnam Branch Office
Công ty TNHH AVer Information (Việt Nam)
Tầng 14, Tòa nhà Wings Tower, 380 Trần Hưng Đạo, Phường Chợ Quán, Thành phố Hồ Chí Minh 700000, Việt Nam
Tel: +84 (0) 28 22 539 211
Hỗ trợ kỹ thuật: +84 (0) 90 70 080 77

Europe Branch Office
AVer Information Europe B.V.
Westblaak 134, 3012 KM,
Rotterdam, The Netherlands
Tel: +31 (0) 10 7600 550

Korea Branch Office
에버 인포메이션 (주)
03186 서울특별시 종로구 새문안로 92
광화문오피시아빌딩 1831 호, 1832 호
Tel: +82 (0) 2 722 8535

Contents

Overview 1

- Key Features 1
- Package Contents 2
- Optional Accessories 2
- Parts Info 3
- LED Indicator 4
- Remote Control 5

Installation 7

- Wall Mount Installation 7
- TV VESA Mount Installation (Optional Accessory) 8

Get Started 11

- Power the Device On and Off 11
- Navigate Your Device 11
  - First-Time Setup 11
  - Android Launcher 11
  - Switch Modes 12
  - Save and Load Presets 13
- Connections 14
- Rearrange Monitors 16

Zoom Rooms Mode 17

- System Requirements 17
- Start a Meeting 17
  - Pair with Zoom Room Controller 17
- In-Meeting Features 20
  - Share Content 20

Switch Camera 20
Camera Modes 21
Use Zoom Room BYOD 23
AVer Call Mode 24
Start a Call 24
Manage Contacts and Call History 26
In-Meeting Features 28
Share Content 28
Switch Layout 28
Control Video and Audio 29
Configure AVer Call Settings 30
Mago Mode 31
System Requirements 31
Start a Meeting 31
Pair with Mago Controller App 31
AVer BYOD Mode 33
System Requirements 33
Use AVer BYOD 33
Access the Interfaces 35
Android Launcher 35
Web Interface 37
Log in for the First Time 38
Login Lockout Protection 38
Room Management App for Windows and Mac 39
Configure System Settings 40
PTZ Control 40

Save, Load and Clear a Preset 41
Firmware Update 42
Setting 43
Tracking Modes 45
Audio 47
Network 49
System 50
Video Service Provider 52
Troubleshoot 53
Specifications 53

Overview

The VB370A is an Android™-based video bar designed for modern conference rooms, combining a PTZ camera, microphones, and speakers. It supports built-in Zoom Rooms Mode for starting meetings directly from the device, AVer Call Mode for making direct device-to-device calls via H.323 or SIP, Mago Mode for starting multi-platform meetings with interactive visual collaboration, or AVer BYOD Mode for running meetings from your computer using the device as a USB peripheral with professional audio and video.

Key Features

- Zoom Rooms
- AVer Call
- Mago
- AVer BYOD
- Multiple Access Points for System Settings:
    - Android launcher
    - Web interface
    - Room Management app for Windows and Mac (AVer BYOD Mode only)

Package Contents



Video Bar



Power Adapter &
Power Cord



HDMI® 2.0 Cable



Remote Control



AAA Battery
(x2, US only)



Wall Mount Bracket



1/4”-20 L=7.5 mm
Screw (x2)



Drill Template

Optional Accessories



CP10 G2
Collaboration
Controller



Expansion
Speakerphone
10 m / 20 m w/ Cable



Expansion
Microphone
10 m / 20 m w/ Cable

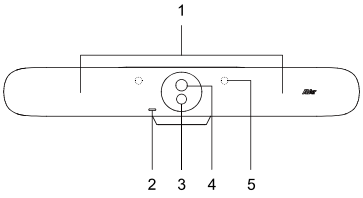


USB 3.0 Type-C to C
Cable (2 m)

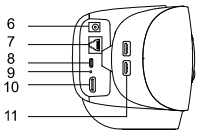


TV VESA Mount

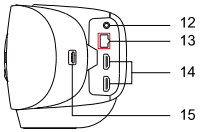
Parts Info



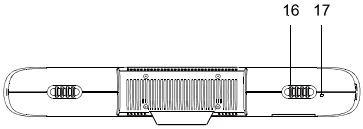
1. Beamforming Microphones
2. LED Indicator
3. Wide-Angle Lens
4. Optical Zoom Lens
5. IR Sensors



6. DC Power Jack
7. Ethernet Port
8. PC Port (USB 3.0 Type-C)
9. Reset Hole
10. HDMI In Port
11. USB 3.0 Type-A Port (x2)



12. Phone In Port
13. Audio Expansion Port (red)
14. HDMI Out Ports (x2)
15. N/A



16. Cable Retention
17. Kensington Lock

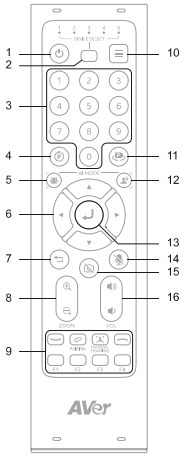
Note: The built-in beamforming microphone is for audio tracking and can't be used as an audio source during a video conference.

LED Indicator

Color	Status
Solid red	Start-up
Solid white	Standby
Solid blue	Streaming
Solid red	Microphone muted
Solid orange	Sleep Mode

Remote Control

Note: The remote control doesn't function during Zoom Rooms meetings. To manage in-meeting functions such as volume, mute, and camera control, use the Zoom Rooms Controller app instead.



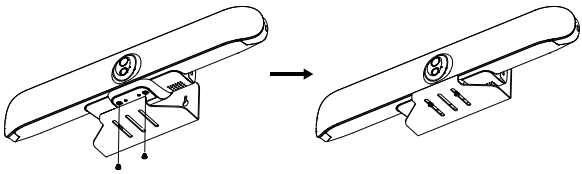
Name	Function
1. Power	N/A
2. Camera Select	No selection is required to operate the camera by default. • To assign a number to the camera, go to **System** > **Camera Binding** in the Android launcher or on the web interface.
3. Number Buttons	• To save a preset: Press and hold a **Number (0-9)**. • To load a preset: Press a **Number (0-9)**.
4. Combination Key	• Press **P** + **1** to turn WDR on or off. • Press **P** + **2** to turn Set Preset on or off. • Press **P** + **4** to force enter Sleep Mode.
5. SmartFrame	• Press to frame entire group on screen once. • Press and hold to cycle through tracking modes.
6. Pan-Tilt Control	• Pan and tilt direction control. • Navigate the Android launcher. • Navigate the interface in AVer Call Mode.
7. Back	Go back.
8. Zoom In/Out	Zoom in or out.
9. Function Buttons	• : Answer call. • : End call and exit meeting. • F1: Turn Audio Fence on or off. • F2: Press and hold to switch between DHCP and Static IP. • F3, F4: N/A
10. Menu	Open the Android launcher in AVer BYOD Mode (unavailable in Zoom Rooms, AVer Call and Mago Modes).
11. Load Preset	With each press, cycle through defined presets.
12. Audio Tracking	Press and hold to cycle through audio

	tracking modes.
13. Enter	• Press to display current AI function on closed caption. • Confirm a selection.
14. Mute	Mute or unmute the microphone.
15. Camera Off	N/A
16. Volume	Volume up or down.

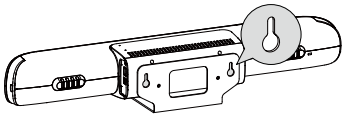
Installation

Wall Mount Installation

1. Use the wall mount drilling template to mark and drill the mounting holes on the wall.
2. Insert 2 screws and plastic anchors (not included) to the wall.
   - Concrete wall: M5 x20mm self-tapping screws (x2) + plastic anchors (x2)
   - Wooden wall: M5 x20mm self-tapping screws (x2)
3. Secure the wall mount bracket with the supplied 2 tripod screws to the bottom of the camera.

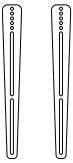


4. Position the camera with the inserted screws on the wall.

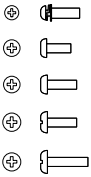


TV VESA Mount Installation (Optional Accessory)

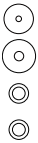
Package Contents



Swing-arm bracket (x2)

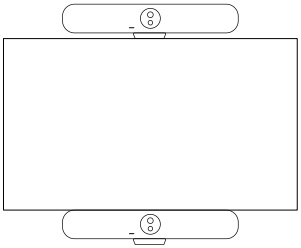


M5 x 10 Screw (x2)
M6 x 15 Screw (x4)
M6 x 20 Screw (x4)
M8 x 20 Screw (x4)
M8 x 30 Screw (x4)



Silicon washer (x2)
Metal washer (x2)
M6 Washer (x4)
M8 Washer (x4)

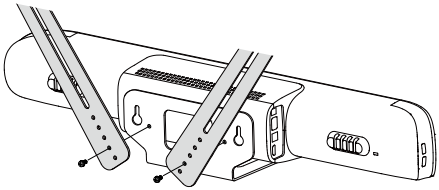
Mount Above or Below Monitors



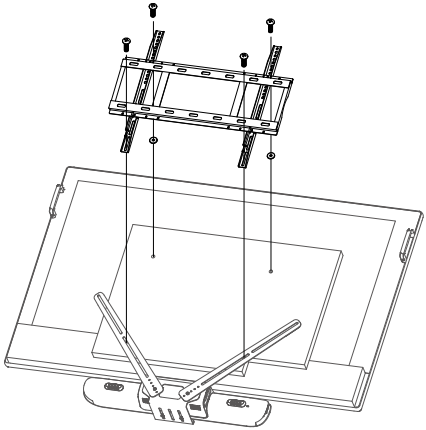
1. Select an appropriate mounting hole on the swing arm. There are 5 mounting holes on each swing arm.

2. Secure the swing arms to the back of the video bar using the included **M5 x 10 mm screws**. Don't fully tighten the screws so you can adjust the swing angle.

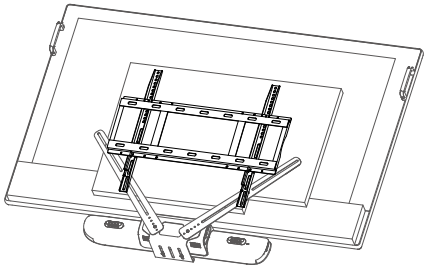
   Note: Make sure you have installed the **wall mount bracket** first.



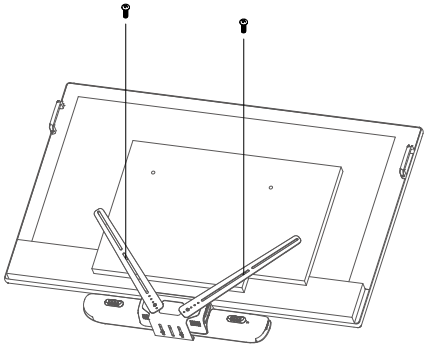
3. Install the TV wall mount. (Go to step 5 if the TV wall mount is not needed.)
   Position the **metal washers** over the top mounting holes on the TV, then align the mounting slots on the swing arms with the bottom mounting holes on the TV.



4. Secure the TV wall mount to the back of the TV using the included **M6 or M8 screws** and tighten all the screws.



5. Align the mounting slots on the swing arms with the bottom mounting holes on the TV. Secure the swing arms to the back of the TV using the included **M6 or M8 screws** and tighten all the screws.



Get Started

Power the Device On and Off

The device turns on when you plug it into a power source. The device doesn't have a power button, so you must unplug the power cable to power it off.

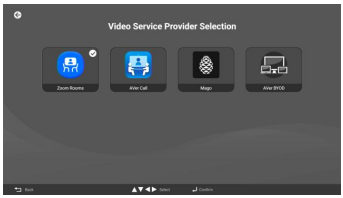
Navigate Your Device

You can navigate the device using the included remote control or a mouse by connecting it to one of the USB-A ports on the device.

First-Time Setup

When the device turns on for the first time, you'll be prompted to:

1. Set up the location, time zone and system language.
2. Select a mode – Zoom Rooms, AVer Call, Mago or AVer BYOD.



Android Launcher

The Android launcher is the first screen you encounter on the monitor after the initial setup. From the launcher, you have quick access to many of the system functions.

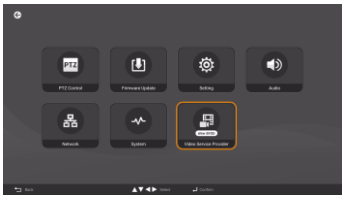


Switch Modes

Note: The device will restart after switching modes.

- **Via Android launcher**

1. Follow the instructions in <Access the Interfaces> to open the Android launcher.
2. Go to **Video Service Provider** > enter the default device password **aver4321** > select **Zoom Rooms**, **AVer Call**, **Mago** or **AVer BYOD**.



- **Via web interface**

1. Follow the instructions in <Access the Interfaces> to open the web interface.
2. Go to **System** > **Video Service Provider** > select **Zoom Rooms**, **AVer Call**, **Mago** or **AVer BYOD**.


s

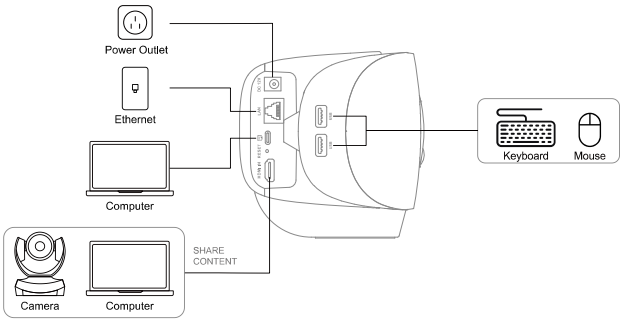
Save and Load Presets

- To save a preset: Press and hold a **Number (0-9)** on the remote control.
- To load a preset: Press a **Number (0-9)** on the remote control.



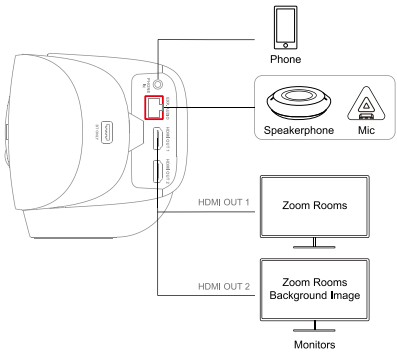
Connections

- **Left Panel**



Port	Description
DC Power Jack	Connect to a power source using the included power adapter and power cord.
Ethernet Port	Connect to an Ethernet port to access Zoom Rooms or the device web interface. The default network is DHCP. **Note:** The VB370A and the paired iPad, tablet or purpose-built touch panel, such as CP10 G2, must be connected to the same local area network (LAN)
PC Port (USB 3.0 Type-C)	Connect to a computer using a USB-C cable to enable BYOD Mode.
Reset Hole	Insert a paper clip and hold for 3 seconds to reboot.
HDMI In Port	Connect to a second camera or computer to share content.
USB 3.0 Type-A Port (x2)	● Connect peripheral devices, such as a keyboard or mouse to navigate the Android launcher. ● Connect up additional cameras to stream more views (select up to 2 cameras) in a Zoom Room.

- **Right Panel**



Port	Description
Phone In Port	Connect to a mobile phone and use the VB370A as an external speakerphone.
Audio Expansion Port (red)	Connect to a single expansion speakerphone or a single expansion microphone.
HDMI Out 1 Port up to 4K30p	Connect to a monitor. The displayed content may be different depending on the modes: ● Zoom Rooms: Displays a pairing code for the Zoom Rooms Controller application. ● AVer BYOD: Displays an output source of your choice between HDMI, USB-C, and Android launcher.
HDMI Out 2 Port up to 4K30p	Connect to a second monitor. The displayed content may be different depending on the modes: ● Zoom Rooms: Displays shared content in a Zoom Room. This monitor displays a Zoom Rooms background image in absence of shared content or an additional camera feed. ● AVer BYOD: Displays an output source of your choice between HDMI and USB-C.
BT Only Port (USB 2.0 Type-A)	N/A

- **AVer CP10 G2 (Optional Accessory)**



Rearrange Monitors

If you have multiple monitors, you can change how they're arranged by doing one of the following:

- Zoom Rooms: On Zoom Rooms Controller, start or join a meeting > tap **View** > select a layout. Or sign in to the Zoom web portal as the account owner, admin, or user with access to Zoom Rooms. Go to **Room Management** > **Zoom Rooms** > **Display**.
- AVer BYOD: From the Android launcher, go to **Video Service Provider** > enter device password (default **aver4321**) > select **AVer BYOD** > change the output source of the monitors.

Zoom Rooms Mode

Zoom Rooms Mode enables you to run Zoom meetings directly on the device without using a computer. Once the device is connected to the network and signed in to a Zoom Rooms account, you can start, join, and manage meetings using the connected touch panel, tablet, or controller interface.

System Requirements

- Zoom Rooms license
  - Either free 30-day trial or paid tied to a Zoom account. This is different from a standard Zoom Meeting license.
- Zoom Room Controller (ZRC) app is required for full control. It runs on:
  - Touch panels, such as AVer CP10 G2 (optional accessory) with ZRC pre-installed
  - iPad or Android tablet
  - Zoom desktop app (under Apps > Room Controller)
  - Zoom web portal (limited functions)

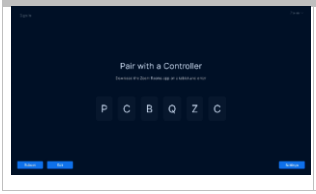
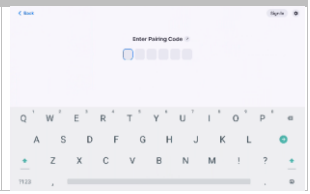
Start a Meeting

Pair with Zoom Room Controller

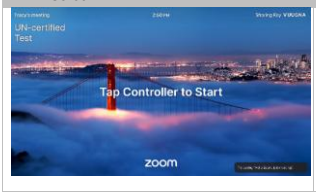
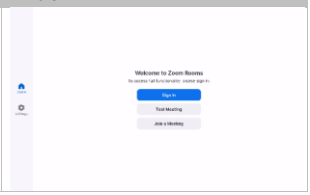
Note: Although the instructions and screenshots are for the AVer CP10 G2 Collaboration Touch Panel, they also apply to the other controller interfaces listed in <System Requirements>.

1. Make sure the device and the touch panel are connected to the same LAN.
2. Connect a monitor to the HDMI out 1 port on the device using the included HDMI cable. The monitor will display a pairing code.

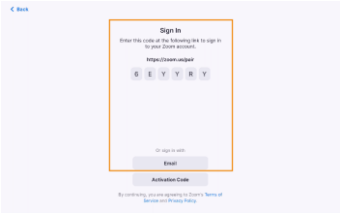
3. Open **Zoom Rooms Controller** app on the touch panel > select **Zoom Rooms Controller** > tap **Next**.

HDMI Screen	CP10 G2
	

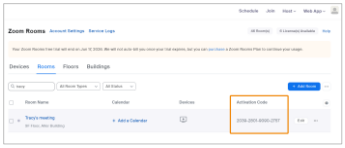
4. Enter the pairing code on the controller.
   Your Zoom Room will now be available to launch a test meeting or join a meeting.

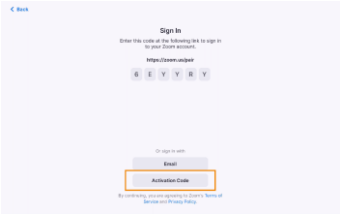
HDMI Screen	CP10 G2
	

5. Tap **Sign In** on the controller to sign in to Zoom Rooms.
   - As the owner, admin, or user.
     Then tap the name of your Zoom Room or add a new room.



   - You can also sign in with an activation code.
     This is ideal when the person deploying Zoom Rooms is not the administrator. An activation code is generated after setting up the Zoom Room on the web portal. On the web portal, go to **Room Management** > **Zoom Rooms** > Find the **Activation Code** for your Zoom Room and enter the code on the controller.





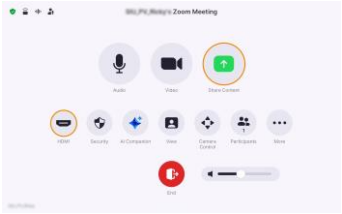
6. The device and controller will now be signed in.

In-Meeting Features

- **Share Content** from an HDMI input
- **Switch Camera** between the VB370A and additional USB cameras
- **Camera Modes** for group framing, speaker tracking and multi-stream

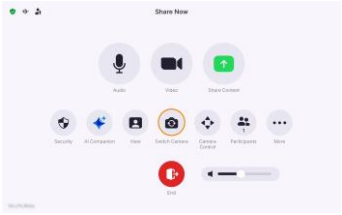
Share Content

1. Connect a camera or computer to the HDMI in port on the device.
2. The **Share to Meeting** prompt will appear. Or tap either **Share Content** or **HDMI**. Your HDMI feed will be shared to the monitor.

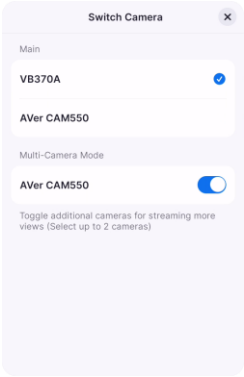


Switch Camera

1. Connect additional USB cameras to the USB-A ports on the device.
2. The **Switch Camera** button will appear. Tap **Switch Camera**.



3. You can switch the main camera or toggle additional cameras to stream more views.



Camera Modes

You can switch between several camera control modes and adapt the video feed to your needs.

1. Tap **Camera Control**.



2. Select a camera mode from the drop-down list.

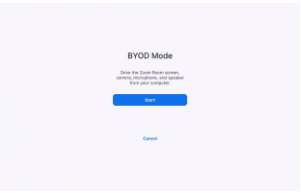
- Manual: You control pan, tilt, zoom, and presets.
- Speaker Focus: Automatically zooms in on the person speaking
- Auto-Framing: Automatically frames the entire group on screen
- Multi‑Focus: Creates a close-up frame for each participant into a single composite video
- Multi‑Stream: Sends separate video streams for each participants (up to 5) and one for the group

Use Zoom Room BYOD

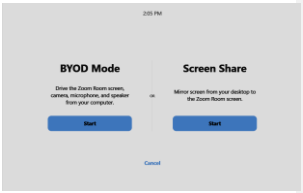
Zoom Rooms also features a BYOD Mode that lets you temporarily bypass the native Zoom Rooms system and use the device as a USB peripheral.

Connect your computer via USB-C to run any conferencing app while using the device's camera, speaker, microphone, and connected monitors. This is ideal when the meeting host prefers to run the session from their own laptop.

1. Connect your computer to the PC port on the device using a USB-C cable.
2. The **BYOD Mode** prompt will appear on the controller.



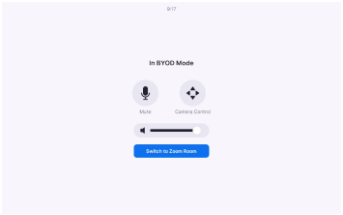
Computer doesn't support DP Alt Mode.



Computer supports DP Alt Mode.

Note: To screen share in Zoom Room BYOD Mode, make sure your computer and USB-C cable supports DisplayPort Alternate (DP Alt) Mode. Look for the DisplayPort logo or check your device specifications to confirm compatibility.

3. Tap **Start** to enter Zoom Rooms BYOD Mode.



4. To exit Zoom Rooms BYOD Mode, tap **Switch to Zoom Room** or disconnect the cable.

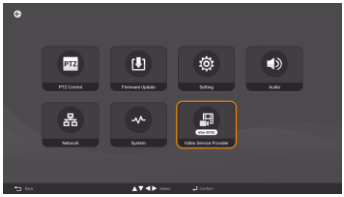
AVer Call Mode

AVer Call Mode lets you make direct device-to-device calls via H.323 or SIP without needing a meeting app.

- **H.323:** Device calls another through H.323 gatekeepers or multipoint control units (MCUs) commonly used in legacy video conferencing networks.
- **Session Initiation Protocol (SIP):** Device calls another using an SIP address, often through a SIP server or registrar.

Start a Call

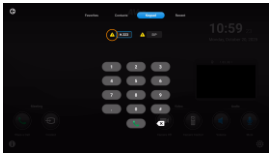
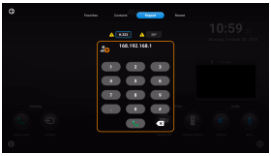
1. From the Android launcher, go to **Video Service Provider** > enter the default device password **aver4321** > select **AVer Call**.



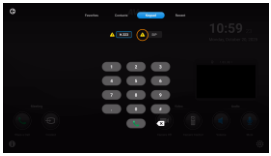
2. Click **Place a Call** and do one of the following:



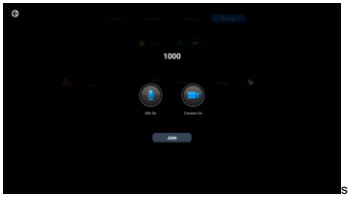
- **H.323 call:** Click the **triangle** icon next to the H.323 server and enter the registered account of the device you want to call.
  Or select **H.323**, then use the keypad to enter the IP address of the device you want to call.

- **SIP call:** Click the **triangle** icon next to the SIP server and enter the registered account of the device you want to call.
  Or select **SIP**, then use the keypad to enter the IP address of the device you want to call.




3. Select to turn your microphone and camera on or off, then click **Join**.

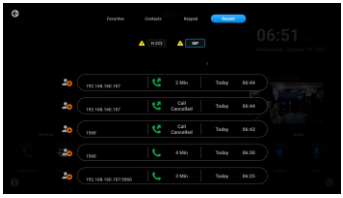


s

Manage Contacts and Call History

Click **Place a Call** and do one of the following:

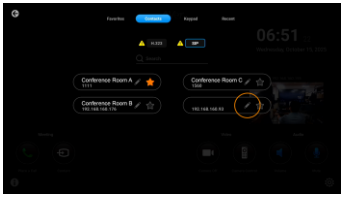
- **View call history:** Go to **Recent**.



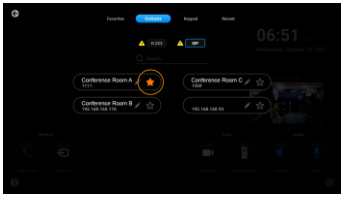
- **Add contacts:** Go to **Recent**, then click the **orange plus** icon next to a device to add that device to your contacts. Enter a site name to help you identify the device and select a call quality. Added devices will appear under **Contacts**.



- **Edit contacts:** Go to **Contacts**, then click the **pencil** icon to edit a contact.



- **Mark contacts as favorite:** Go to **Contacts**, click the **star** icon ☆ to mark a contact as favorite for quick access. Devices marked as favorite will appear under **Favorites**.



In-Meeting Features

Hover the cursor over the bottom of the monitor during calls and the on-screen control panel will appear.

Share Content

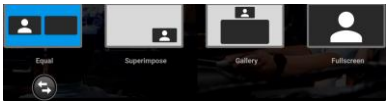
Click **Content** to share your HDMI video and audio to the monitor.



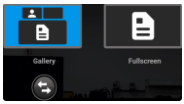
Switch Layout

Click **Layout**, then click the **switch** icon to switch layouts.





Not sharing content



Sharing content

Control Video and Audio

Adjust the camera position, load and save up to 10 presets (0-9), change the volume, or mute/unmute the microphone.

Camera Off	• Turn off your device's camera. • Switch between your device's camera and two USB-connected cameras.
Camera Control	 • Pan, tilt and zoom controls. • SmartFrame: Frame entire group on screen.  • To save a preset: Click a preset (thumbnail area) you want to save, then click **Set Preset**. • To load a preset: Click a preset (thumbnail area).
Volume	Volume up or down.
Mic	Mute or unmute the microphone.

Configure AVer Call Settings



- **System Settings** : Configure H.323, SIP and firewall settings, set maximum audio and video speed limit, reset AVer Call to factory default settings, and clear contacts and call history.
- **Info** : Displays device and network details, as well as live call and presentation statistics.

Mago Mode

Mago Room Mode turns the VB370A into a fully independent meeting room system. The room calendar is displayed on screen, allowing users to join or start meetings with a single tap across platforms like Zoom, Teams, and Google Meet. Paired with the Mago Controller app, you can wirelessly manage sessions, present content directly from cloud storage using flexible grid layouts, and annotate live on an interactive whiteboard.

System Requirements

Please visit the official Mago Knowledge Base for the following:

- Licensing requirements
- Wireless touch controllers with Mago Controller app installed

> **Note:** AVer CP10 G2 touch panel (optional accessory) is pre-installed with the Mago Controller app. If you don't see the app on the CP10 G2, click **Add** and select **Mago Controller** to add it to the homepage.

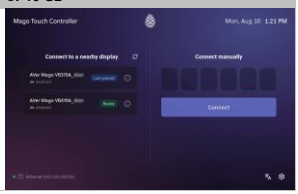
Start a Meeting

Pair with Mago Controller App

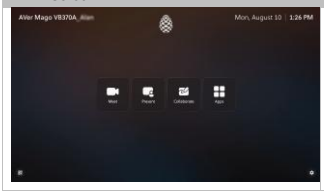
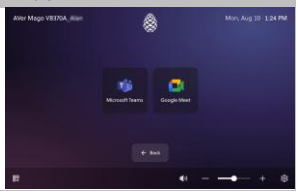
> **Note:** Although the instructions and screenshots are for the AVer CP10 G2 touch panel, they also apply to the other controller interfaces listed in <System Requirements>.

1. Make sure the device and the touch panel are connected to the same LAN.
2. Connect a monitor to the HDMI out 1 port on the device using the included HDMI cable.
   The monitor will display a pairing code.

3. Open **Mago Controller** app on the touch panel and follow the pairing instructions.
   The app discovers the room device automatically when both are on the same network.

HDMI Screen	CP10 G2
	

4. After pairing, the touch panel displays the room calendar and meeting controls.
   Your Mago Room will now be available to launch a test meeting or join a meeting.

HDMI Screen	CP10 G2
	

AVer BYOD Mode

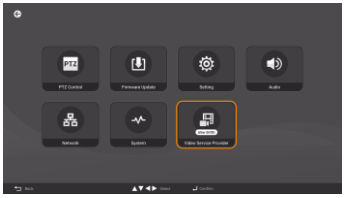
AVer BYOD Mode enables you to use the device's camera, speaker, microphone, and connected monitors from your computer. Once you connect the device to your computer with a USB-C cable, you can control the device's camera and audio features using your computer's third-party video conferencing app.

System Requirements

- Windows 10 1803 or later
- macOS 10.12 or later

Use AVer BYOD

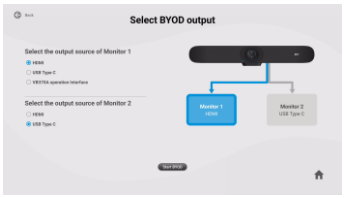
1. From the Android launcher, go to **Video Service Provider** > enter the default device password **aver4321** > select **AVer BYOD**.



2. Click the gray button.



3. You'll be prompted to select the input sources for monitor 1 (HDMI out 1) and monitor 2 (HDMI out 2).



4. When finished, click **Start BYOD**.

Access the Interfaces

Your device provides multiple access points for system settings:

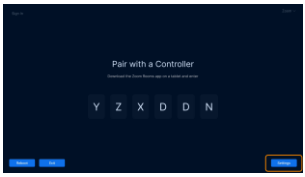
- Android launcher in Zoom Rooms, AVer Call, Mago, and AVer BYOD Modes
- Web interface
- Room Management app for Windows and Mac (AVer BYOD Mode only)

You can navigate the interfaces using the included remote control or a mouse by connecting it to one of the USB-A ports on the device.

Android Launcher

- **Zoom Rooms Mode**

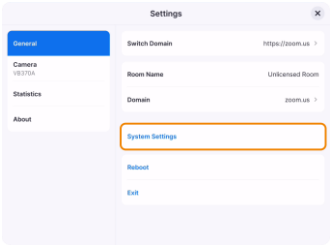
From the pairing code screen or in a Zoom Room, click **Settings** or the **gear** icon in the lower-right corner > **General** > **System Settings**.



Pairing code screen

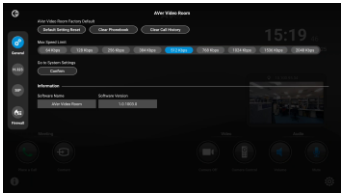


In a Zoom Room



- **AVer Call Mode**

Click the **gear** icon in the lower-right corner > **Go to System Settings**.



- **Mago Mode**

From the pairing code screen, press the **back** button on the remote control. Or from a Mago Room, click the **gear** icon in the lower-right corner.



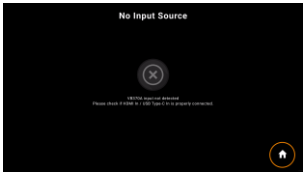
Pairing code screen



In a Mago Room

- **AVer BYOD Mode**

Press the **menu** button on the remote control or click the **home** icon in the lower-right corner.



No input



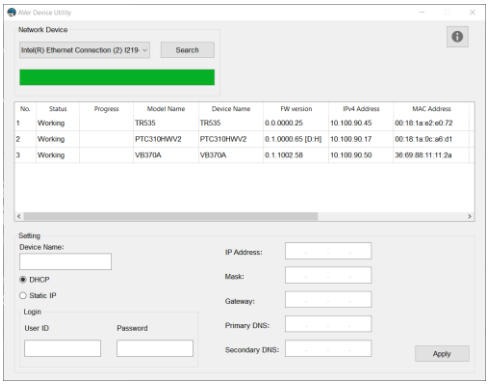
With input

Web Interface

To access the web interface of your device, you can use the AVer Device Utility software to find its IP address.

Note:

- The device's default network is DHCP.
- The device's default username/password is **admin**/**aver4321**.



To access the web interface:

1. Download and install AVer Device Utility to your computer from AVer Download Center (https://www.aver.com/download-center) and launch the software.

2. Click **Search** to see available devices on the same local area network (LAN).

   Note:

   - Make sure your device is connected to the internet.
   - AVer Device Utility and your device must be on the same LAN.

3. Double-click on your device's IP address in the **IPv4 Address** column to open the web interface in your browser.

To change the network setting to DHCP or static IP:

1. Select the checkbox of your device.
2. Enter the default or changed username and password in the **Login** field.
3. Select **DHCP** or **Static IP**, then enter your network settings if applicable in the **Settings** section.
4. Click **Apply**.

Log in for the First Time

When you log in for the first time, enter the default password **aver4321**. You will be prompted to change the username and password. The username and password cannot be the same.

- Username: Use 1-32 characters. **admin** is unavailable.
- Password: Use 8-32 characters and a combination of uppercase letters, lowercase letters, numbers, and symbols (!$%'()*+,-./<=>?@[\]^_{}~).

> **Note:** You can change your credentials at any time during operation. Go to **System** > **Change Password**, enter your current credentials, and set a new username and password following the rules above.

已註解 [TC2]: Added changing web interface credentials during operation.

Login Lockout Protection

To prevent unauthorized brute-force access, the device enforces an automatic lockout mechanism:

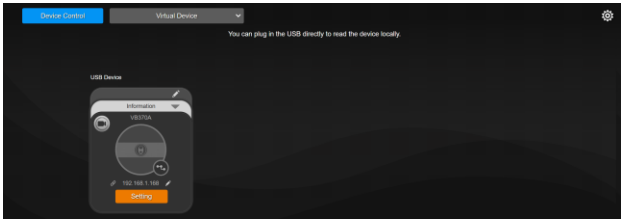
- If an incorrect password is entered 5 consecutive times (i.e., a round), the system will temporarily block access. A successful login resets the counter.

Lockout round	Lockout duration (minute)
1st round	1
2nd round	5
3rd round	10
4th round and beyond	30

- When locked, the web interface displays the remaining wait time.

已註解 [TC3]: lockout protection，全產品通用文案。

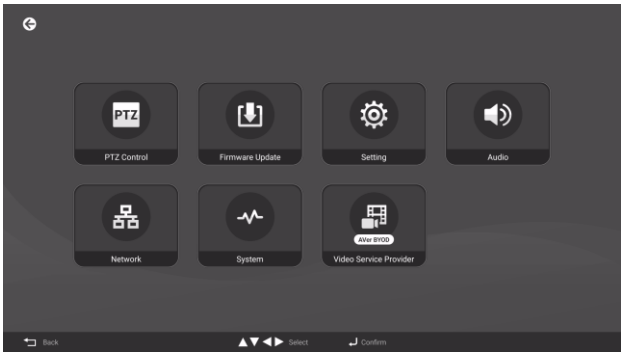
Room Management App for Windows and Mac



1. Download and install Room Management (formerly PTZApp 2) to your computer from AVer Download Center. (https://www.aver.com/download-center) and launch the software.
2. Make sure your device is in AVer BYOD mode.
3. Connect your device to your computer using a USB-C cable. You device should appear under the **Device Control** page > **USB Device**.
4. Click **Setting** on the device card to configure system settings.

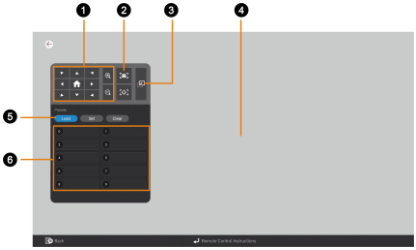
Configure System Settings

Note: Although the instructions and screenshots are for the Android launcher, they also apply to the interfaces listed in the <Access the Interfaces> chapter. In Zoom Room Mode, fewer settings are available because Zoom handles most of the configuration on its end.

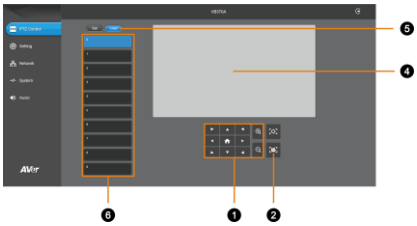


PTZ Control

The appearance may differ slightly depending on the interface.



Android launcher



Web interface

1. **PTZ Control**

   Home: Reset the pan-tilt position to the center.

2. **SmartFrame:** Click to frame entire group on screen.

   One-Touch Focus: Click to autofocus once.

3. **Minimize Control Panel**
4. **Live View**
5. **Preset Function**
6. **Preset Number**

Save, Load and Clear a Preset

To save a preset:

1. Use the pan, tilt and zoom controls to position your device.
2. Select **Set**, then a preset number to save that position.
3. Select **Yes** when prompted.

To load a preset:
Select **Load**, then a preset number to load that position.

To clear a preset:
Select **Clear**, then a preset number to clear that position.

Firmware Update

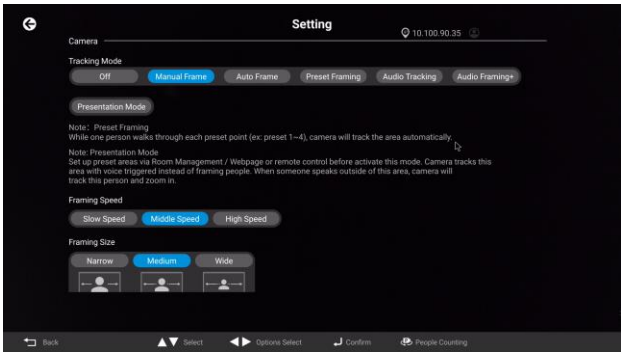


Check for and install the latest firmware.

If you are accessing the web interface, go to **System** > **FW Update**.

Note: The internet connection will be lost during the firmware upgrade and the camera will reboot afterwards. Do not disconnect from a power source to avoid damage. This may take a while.

Setting



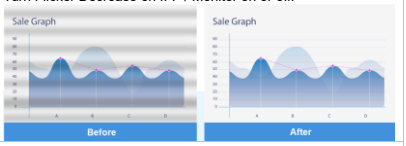
Camera

Item	Description
Tracking Mode	Select a tracking mode. Please refer to <Tracking Modes> for details.
Framing Speed	Select a delay time before auto frame. ● Slow: 5 seconds before auto frame. ● Middle: 3 seconds before auto frame. ● High: 1 second before auto frame.
Framing Size	Select a framing size to adjust the presenter's background.
Transition Effect	● PTZ Movement: The camera displays the entire movement from one position to another. ● Smart ViewShift: The camera will only displays the final view after each movement.
Audio Tracking Response Speed	Select an audio tracking response speed. Slower speed is useful for ignoring short utterance during audio tracking.
Audio Tracking Idle Interval	● Select a delay time before the camera frames all participants when no sound is detected. ● Select **OFF** and the camera will stay at the last position.

Conversation Mode Trigger Sensitivity	1. Turn **Audio Tracking** on and drag the slider to adjust the sensitivity of triggering Conversation Mode. 2. The camera will turn the Conversation Mode on and frames all active talkers when detecting two or more people talking. You will see on the upper left corner of the camera view. 3. When there are only one active talker, the camera will return to Audio Tracking mode. 4. Set the value to 0 to turn Conversation Mode off.
Audio Fence	When turned on: ● Select a narrow, medium, or wide field of view to focus on voices within the frame. ● Tilt control remains available, but pan, zoom, SmartFrame, and tracking modes are disabled 
Audio Fence Mode	
Home Position	Select a home position that your camera moves to when powered on.
Sleep Position	Select a home position that your camera moves to when entering Standby Mode.
Sleep Timer	Set a delay time before Standby Mode. ● When transmitting video over USB, the camera won't enter Standby Mode.
On-Screen Menu	Turn on-screen menu on or off. ● Load Preset Off: Displays all statuses except load preset.
Save Preset	Turn Save Preset on or off. ● When Save Preset is turned off, you won't be able to save presets using the remote control, web interface, or hotkeys.

Image

Item	Description
Image Flip	Flip the image vertically.
Image Mirror	Flip the image horizontally.
True WDR	Turn wide dynamic range (WDR) on or off.

Flicker Decrease on IFP / Monitor	Turn Flicker Decrease on IFP / Monitor on or off. 
Frequency	Select a frequency.
White Balance	Select a white balance setting: ● Manual: Adjust the white balance manually by dragging the slider. ● Auto: Adjust the white balance automatically.
Noise Reduction	Adjust noise reduction level.
Brightness	Adjust brightness level.
Sharpness	Adjust sharpness level.
Saturation	Adjust saturation level.
Low Light Compensation	Turn Low Light Compensation on or off.
Allow Remote Access	Allow access to the device web interface.
Lower Resolution Options	Turn on to allow resolutions below 720p. ● Off (default): Supports 720p to 4K for optimal quality. ● Below 720p: Enables lower resolutions when requested by video conferencing software to reduce bandwidth during calls.
Enlarge Total Zoom Up to 18x	Turn the function on or off.

Tracking Modes

Manual Frame

Frames entire group on screen once.

Auto Frame

Frames entire group on screen automatically. The starting point is preset 0.
If no one is on screen, the camera defaults to preset 0.

- The camera auto frames every time a subject enters or leaves the screen.
- If Auto Frame happens too frequently, set a delay time before auto frame in **Setting** > **Framing Speed**.

Preset Framing

Frames the presenter as they move using presets.

If no one is within a preset, the camera frames entire group on screen.

- Make sure you have defined overlapping presets for a smooth transition. Presets 1-9 are available.
- When multiple presenters are within presets, the preset with the smaller number takes priority.

Audio Tracking

Tracks active speaker on screen.

If no one is speaking, the camera defaults to preset 0 after a delay time. Select a delay time in **Setting** > **Audio Tracking Idle Interval**.

Audio Framing+

Frames one or more active speakers in full screen, picture-in-picture (PIP), or split-screen views based on different scenarios.

Presentation Mode

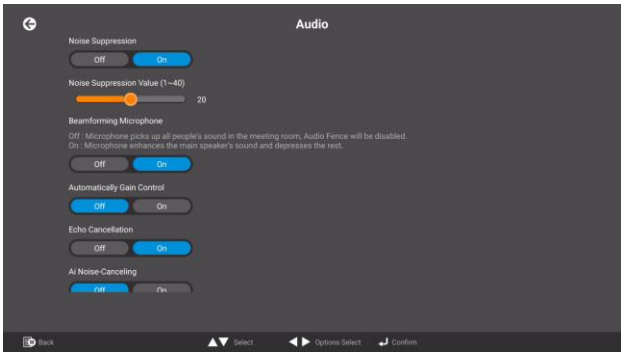
Combines presets with Audio Tracking.

Uses presets when the active speaker is within a preset; switches to audio tracking when the active speaker is outside.

If no one is speaking, the camera defaults to preset 0 and frames entire group on screen, after a delay time. Select a delay time in **Setting** > **Audio Tracking Idle Interval**.

- Make sure you have defined presets. Presets 1-9 are available.

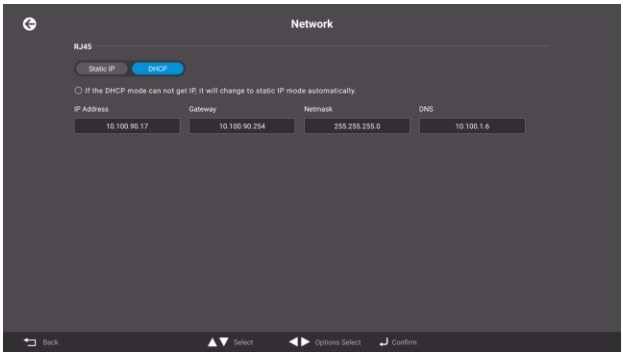
Audio



Item	Description
Noise Suppression	Turn the function on to reduce ambient noise.
Noise Suppression Value (1~40)	Drag the slider to adjust the suppression value.
Beamforming Microphone	• Off: The microphone picks up all the presenters' voices in the meeting room, and Audio Fence will be disabled. • On: The microphone enhances the main presenter's voice and depresses the rest.
Automatically Gain Control	Improve and adjust the received human voices to a similar volume for the remote end.
Echo Cancellation	Reduce re-appearing sounds during online calls.
AI Noise-Cancelling	Turn on the function to eliminate the background noise.
Reduce Reverberation	Turn on the function to reduce the echo in open or empty space.
Phone In Jack	• Phone In: Connect your mobile phone to the Phone In port to use VB370A as an external speakerphone in mobile-based video conferencing. • 3.5mm External Microphone Only: Connect to an external microphone as the only audio transmitter. • 3.5mm External Microphone Mix In: Connect to an external microphone for joint audio transmission with VB370A. • Line Out: Connected to a hearing assistance (HA)

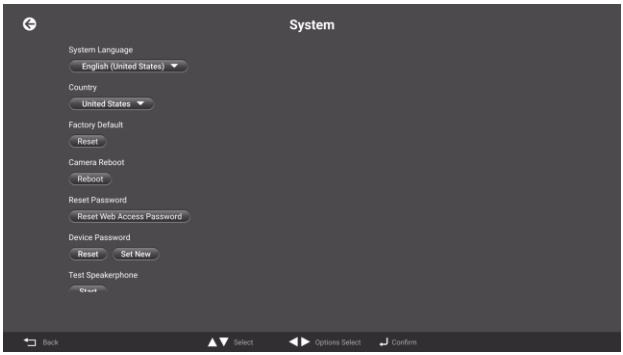
	system. An audio-out converter (TRS female to TRRS male, optional accessory) is required. **Note:** Avoid connecting to an external speaker when using Line Out. External audio may interfere with the built-in speaker and microphone performance.

Network



Item	Description
RJ-45	Set the network setting to Static IP or DHCP. ● DHCP (default): Check the circle below to automatically switch to Static IP if no IP is assigned. Leave it unchecked to stay in DHCP. ● Static IP: Enter your network settings to set up a static IP connection and click **Confirm**.

System



Item	Description
System Language	Select the Android interface language.
Country	Select a country or region.
Factory Default	Reset your camera to factory default settings. You can choose to keep the IP address by selecting the checkmark.
Camera Reboot	Reboot the camera.
Regular Reboot	Schedule regular reboots to clear RAM and maintain smooth performance. Reboots occur only when no video is streaming. ● Next Reboot Time: Click the **pencil** icon to enter a specific reboot time. When finished, click **Confirm**. ● Re-Occur: Select the reboot frequency from the drop-down list. The default setting is to reboot every 3 days.
Reset Password	Reset the web interface password. ● The default web interface password is **aver4321**.
Device Password	Reset or set a new device password. ● The default device password is **aver4321**.
Test Speakerphone	Record a 10-second message to test the microphone.
Camera Binding	Assign a camera select button 1-5 on the remote control to the camera. ● Off (default): No selection is required on the remote control to operate the camera.

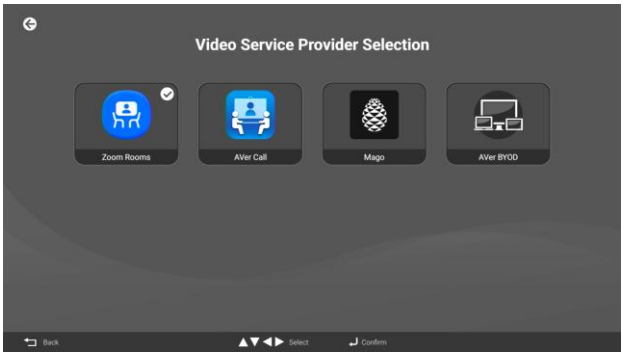
Date Format	Select a date format.
Time Format	Select a time format.
Time Correction Mode	Select a time correction mode. ● Auto: Enter your Network Time Protocol (NTP) server URL to synchronize the clock. The default NTP server is located in the US. ● Manual: Click the **pencil** icon to set up the clock.
Information	Displays the device information such as IP address.

Web Interface–Specific Settings

Item	Description
Video Service Provider	Select Zoom Rooms, AVer BYOD, AVer Call or Mago.
FW Update	● Auto Update: Check for and install firmware online. ● Manual Update: Install the downloaded firmware. **Note:** The internet connection will be lost during the firmware upgrade and the camera will reboot afterwards. Do not disconnect from a power source to avoid damage. This may take a while.
Change Password	Change the web interface password. If you forgot your password, please refer to <Troubleshoot>.
SSL Certificate	Upload an SSL certificate.

Note: Some of these settings are also available in the Android launcher, but may appear under different menus.

Video Service Provider



Item	Description
Zoom Rooms	Start a meeting in Zoom Rooms.
AVer Call	Make direct device-to-device calls via H.323 or SIP.
Mago	Start multi-platform meetings with cloud content sharing and whiteboarding.
AVer BYOD	Use the device as a USB peripheral and start a meeting from your computer.

Troubleshoot

Forgot password.
The default password is **aver4321**.
If you forgot your password, do any of the following:

- Access the Android launcher, go to **System** > **Reset Password**.
- Access <Room Management App for Windows, Mac>, go to **Setting** > **Reset Password**.

Password security.
The device is equipped with strict authentication and data protection mechanisms to ensure the security of the device and your network environment. For more information, please refer to <Log in for the First Time> and <Login Lockout Protection>.

已註解 [TC4]: 複製貼上，連結引導到 lockout protection。

Specifications

PTZ Camera (Optical Zoom)	
Image Sensor	1/2.5” 4K Sony Exmor CMOS (8 megapixels)
Zoom	4.5X hybrid optical zoom, up to 18x total zoom
Resolution	Up to 4K / 30fps
Fixed Camera (Wide-Angle)	
Image Sensor	1/2.5” 4K Sony Exmor CMOS (8 megapixels)
Field of View	120° diagonal field of view (DFOV) for panoramic coverage
Resolution	Up to 4K / 30fps
Microphone Array & Audio Sensing	
Hardware	Built-in 14 beamforming elements
Pickup Range	Optimal audio pickup distance of up to 10 meters
Processing & AI Features	
Audio Processing	Acoustic Echo Cancellation (AEC), Automatic Gain Control (AGC), and Noise Suppression
AI Tracking	Voice Tracking and Audio Fence technologies to track active speakers and filter ambient noise
Infrared (IR) Receiver	
Function	Only for receiving signals from the included remote control.
Privacy & Security	No IR night vision, low-light photography, or environmental IR illumination; cannot capture images or record video in unlit environments

已註解 [TC5]: 整理成表格，新增規格章節。