

VB350

4K Dual Lens Video Bar

(VB350 Conference Camera)

— User Manual —

Warning

- To reduce risk of fire or electric shock, do not expose this appliance to rain or moisture. Warranty will be void if any unauthorized modifications are done to the product.
- Do not drop the camera or subject it to physical shock.
- Use correct power supply voltage to avoid damaging camera.
- Do not place the camera where the cord can be stepped on as this may result in fraying or damage to the lead or the plug.
- Hold the bottom of the camera with both hands to move the camera. Do not grab the lens or lens holder to move the camera.

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。

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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/business/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
23673, Taiwan
Tel: +886 (2) 2269 8535

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

Europe Branch Office

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

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

Vietnam Branch Office

Công ty TNHH AVer
Information
(Việt Nam)
Tầng 5, 596 Nguyễn Đình
Chiều, P.3, Quận 3, 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

Korea Office

한국 에버 인포메이션 (주)
서울시 종로구 새문안로 92
(신문로 1가,
광화문오피시아빌딩) 1831,
1832 호
Tel: +82 (0) 2 722 8535

Contents

Overview	1
Package Contents	1
Optional Accessories	1
Parts Info	2
LED Indicator	3
Remote Control	4
Combination Buttons.....	5
Connections.....	6
Device Connection.....	6
Ethernet Connection	8
BT Dongle Connection.....	8
Expansion Microphone Connection (Optional)	9
Expansion Speakerphone Connection (Optional).....	9
Installation	10
Wall Mount.....	10
TV VESA Mount (Optional).....	11
Get Started	13
Make a Video Call.....	13
Access the Web Interface	13
AVer IP Finder	13
Room Management	15
Log In for the First Time	16
Web Interface	17
PTZ Control	17
Overview of PTZ Control.....	17
Save, Load and Clear a Preset	18

Add and Delete Available Presets (Presets 10-127)	18
Setting	20
Tracking Mode	24
Gesture Control.....	26
Video Format	27
Network	28
System.....	29
Audio	31
Room Management	33
Configure Settings on Room Management.....	33
EZLive.....	34
Use AVer EZLive.....	34

Overview

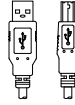
Package Contents



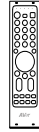
VB350 Unit



Power Adapter & Power Cord*



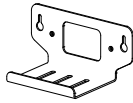
USB 3.0 Type-B to Type-A Cable (3m)



Remote Control



AAA Battery (x2, US only)



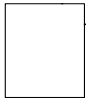
Wall Mount Bracket



1/4"-20 L=7.5 mm Screw (x2)



USB Type-A to Type-C Adapter



Drill Template

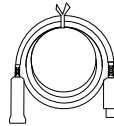
Optional Accessories



Expansion Speakerphone
10 m / 20 m w/ Cable



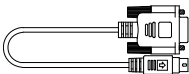
Expansion Microphone
10 m / 20 m w/ Cable



USB 3.1 延長線
10 m / 20 m / 30 m



HDMI Cable (3 m)



Din6 to RS-232 Adapter



Audio-out Converter

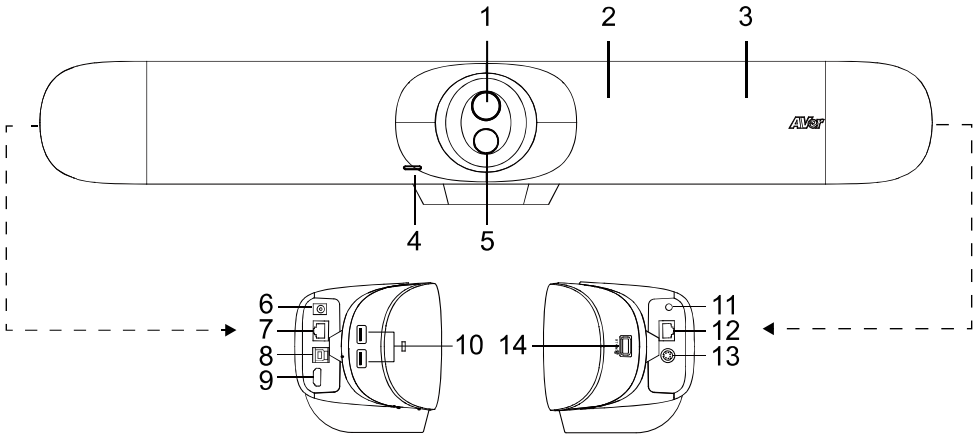


BT Dongle



TV VESA Mount

Parts Info



- | | |
|-------------------------------------------------------|-------------------------------------------------------|
| 1. Varifocal Lens | 9. HDMI Output Port (to TV) *** |
| 2. IR Sensor | 10. USB Port*2 |
| 3. Microphone Array Area
(14 Built-in Microphones) | 11. Phone In/Audio Out Port* |
| 4. LED Indicator | 12. Expansion Audio
(for Speakerphone/ Microphone) |
| 5. Fixed Lens | 13. RS-232 Port |
| 6. DC 12V Power Jack | 14. USB 2.0 Type-A Port** |
| 7. RJ-45 Ethernet Port | (only for BT Dongle) |
| 8. USB 3.0 Type-B Port (to PC) | |

* The default is phone in function. To support audio out function for HA system, please set it up via Room Management and purchase audio-out converter (TRS female to TRRS male) from AVer.

** BT dongle is an optional item in certain countries. Please contact your local dealer for purchasing.

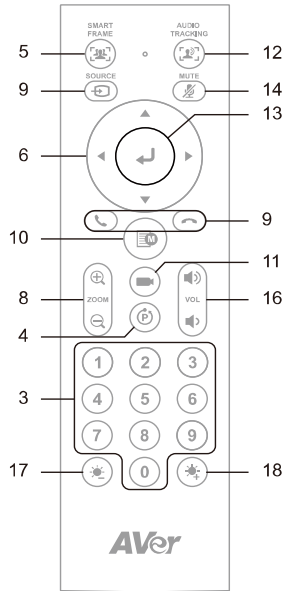
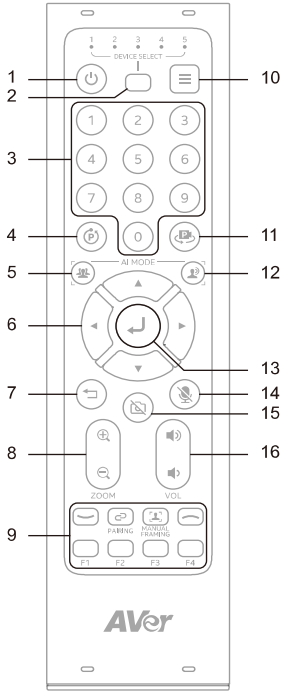
*** Support built-in USB 3.1 (Gen 1) to HDMI adapter technology. Support HDMI out 4K resolution on TV/monitor.


LED Indicator

LED	Status
Blue (Flash once)	Power on
Blue (Solid)	Video and audio on
Blue (Flashing)	<ul style="list-style-type: none">● 2 seconds: Gesture control on.● 4 seconds: Receiving gesture commands.
Red (Solid)	Start-up / Mute audio during a call
White (Solid)	Standby mode / a call on hold
White (Flashing)	Calling
Orange (Solid)	Power on (no USB connection)
Orange (Flashing)	Firmware updating

Remote Control

Your device may come with one of the following remote controls.



Name	Function
1. Power	N/A
2. Camera Select	Select 1 to operate the camera. The remote control has been set to 1 at the factory. With each press, cycle through 1-5
3. Number Buttons	<ul style="list-style-type: none"> To save a preset: Press and hold a Number (0-9). To load a preset: Press a Number (0-9).
4. Combination Button	Open combination buttons guide. Refer to < Combination Buttons > for details.
5. SmartFrame	Press to frame entire group on screen. Press and hold to cycle through tracking modes. <ul style="list-style-type: none"> To hide the SmartFrame icon , go to Setting > On-Screen Menu > Off on the web interface or in Room Management.
6. Pan-Tilt Control	Pan and tilt direction control.

7. Back	N/A
8. Zoom In/Out	Zoom in or out.
9. Function Buttons	<ul style="list-style-type: none"> ● Call/Answer: Start or answer a call. ● Pairing: Turn Bluetooth on or off. ● Manual Framing: N/A ● Hang Up: End call. ● F1-F4: N/A
10. Menu	N/A
11. Load Preset	With each press, cycle through defined presets.
12. Audio Tracking	Press and hold to cycle through audio tracking modes.
13. Enter	Confirm a selection.
14. Mute	Mute or unmute microphone.
15. Camera Off	N/A
16. Volume	Volume up or down.
17. Brightness -	Decrease image brightness.
18. Brightness +	Increase image brightness.

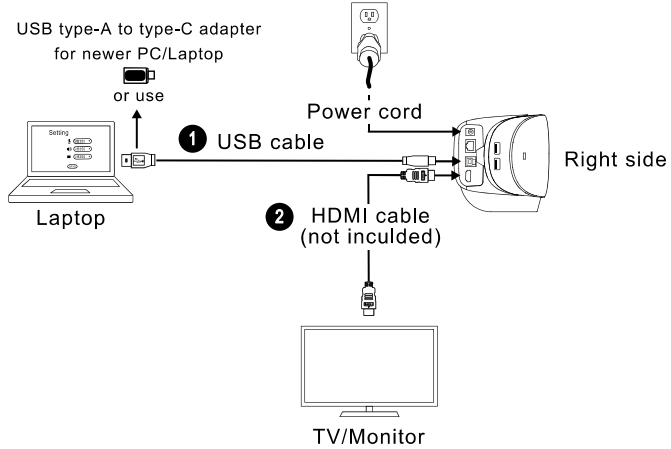
Combination Buttons

Press consecutively	To
Ⓟ + ①	Turn wide dynamic range (WDR) on or off.
Ⓟ + ②	Turn Save Preset on or off.
Ⓟ + ③	Turn RTMP streaming on or off.
Ⓟ + ④	Enter sleep mode when not streaming over USB.

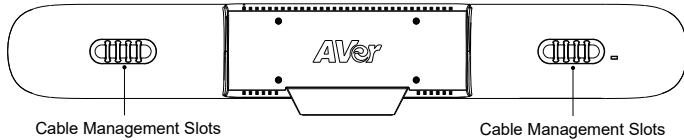
Connections

Device Connection

1. Connect VB350 to PC/laptop with the provided USB 3.0* cable and connect the power cord of VB350 to power outlet.



Note: For cable management, you can have each cable go through the cable management slots on the rear-side of VB350.

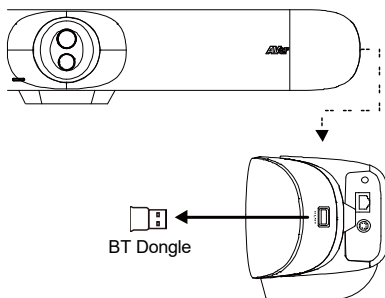


*Resolution & frame rate for USB 2.0 and USB 3.1 connection:

USB 2.0		USB 3.1	
YUV	M-JPEG	YUV	M-JPEG
- 640x480 or less resolution, up to 30fps - 720p, up to 15fps	- Up to 1080p/30fps	- Up to 1080p/30fps - 720p/60fps	- Up to 4k/30fps

2. Connect TV/HDMI monitor to VB350 through the HDMI cable.

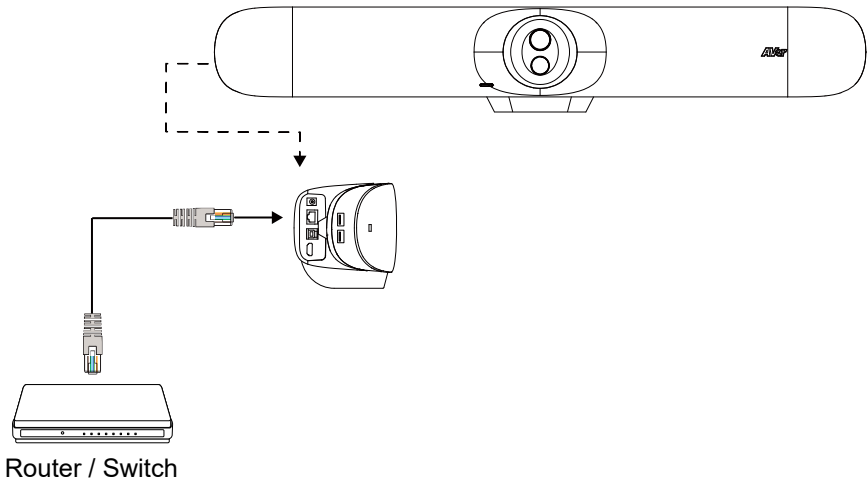
3. Install USD Display Driver from Room Management on your computer. Go to **System > Install Driver of USB Display**, click Start and follow the on-screen instructions to install the driver.
4. Install a BT dongle. Use remote control or Room Management to enable Bluetooth function. Please refer to [<BT Dongle Connection>](#) for more details



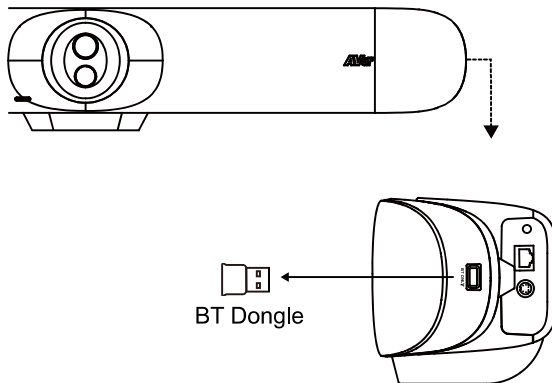
5. Turn on Bluetooth on your mobile phone and connect with VB350 to use as an external microphone and speaker during a conference meeting.

Ethernet Connection

VB350 supports ethernet connection which allows user to access VB350 from remote site through browser. For Web accessing, please refer to <[Access the Web Interface](#)>.



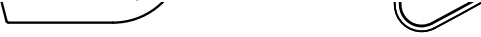
BT Dongle Connection



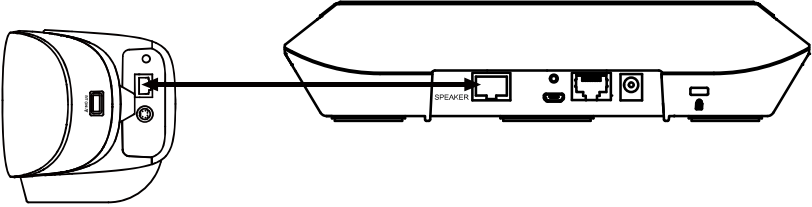
1. Install a BT dongle before powering up the device.
2. Use remote control or Room Management to enable Bluetooth function.

Expansion Microphone Connection (Optional)

Connect the provided RJ45 cable to the expansion microphone's MIC OUT port and VB350's expansion audio port.



Expansion Speakerphone Connection (Optional)



Connect the provided RJ45 cable to the expansion speakerphone's Speaker port and VB350's expansion audio port.

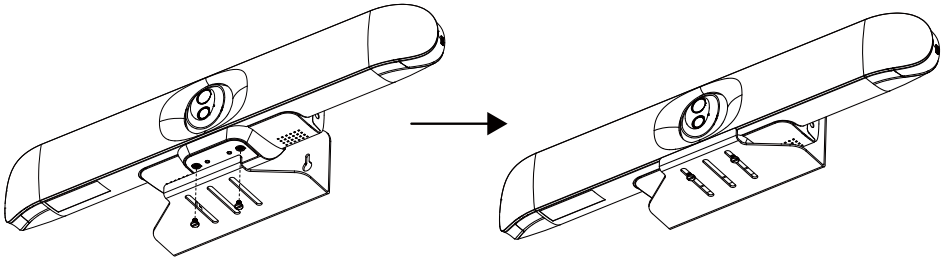
Note:

- Contact AVer to purchase an expansion microphone or speakerphone.
- Daisy chain connection is not supported.

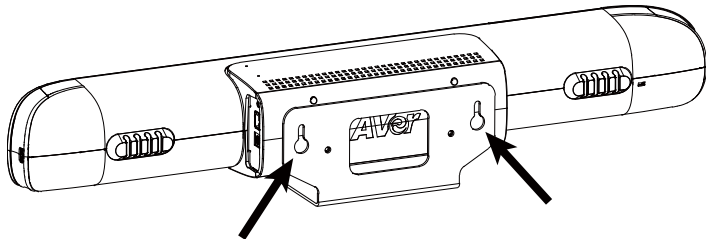
Installation

Wall Mount

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)
1. 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.



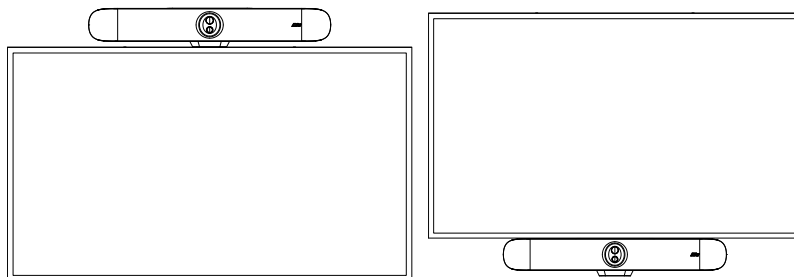
TV VESA Mount (Optional)

Package Contents:

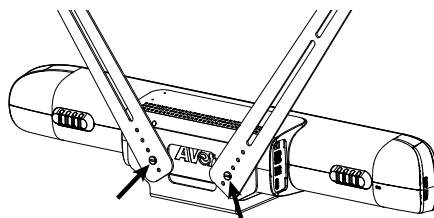
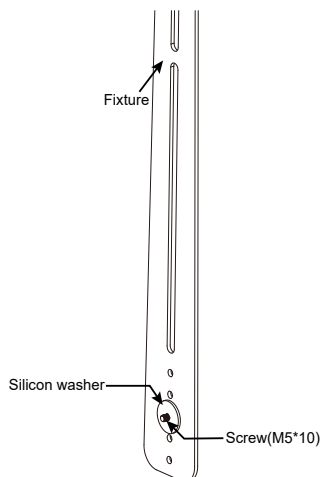


- | | |
|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
|  Screw(M5*10) x 2 |  Silicone washer x 2 |
|  Screw(M6*15) x 4 |  Metal washer x 2 |
|  Screw(M6*20) x 4 |  Washer(M6) x 4 |
|  Screw(M8*20) x 4 |  Washer(M8) x 4 |
|  Screw(M8*30) x 4 | |

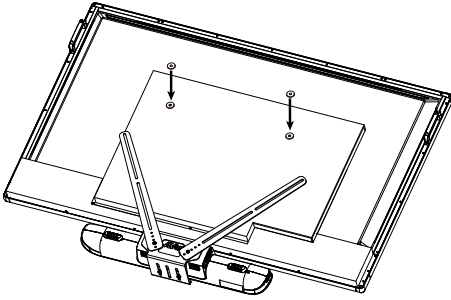
You may install VB350 on the top or on the bottom of TV. Both ways of installation are the same.



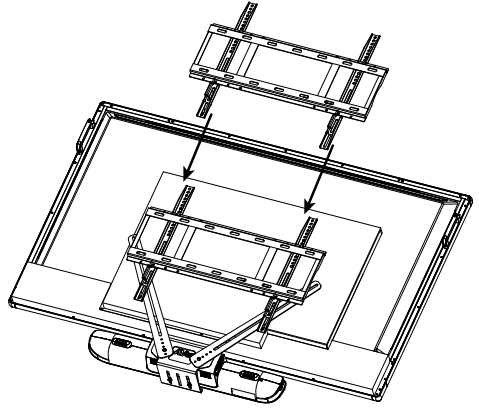
1. Fix the screw (M5*10) with silicone washer in suitable holes (1~5).
2. Slightly fix the fixture on the rear side of the camera. You may choose which screw hole to use for fixing it.



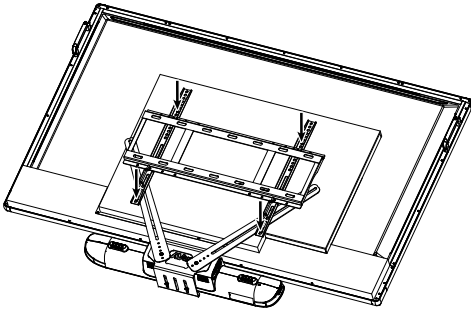
3. Place the metal washers on the mount holes of TV. If you don't need to install TV mount rack, skip step 3—5.



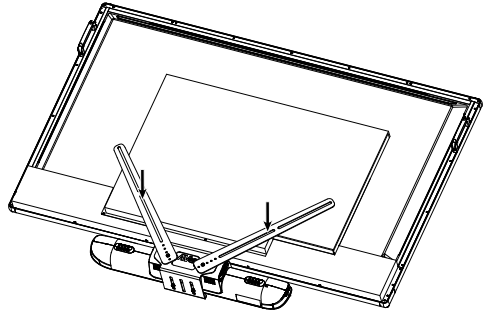
4. Place the TV mount rack on top of the fixtures.



5. Slightly secure the mount rack and fixture on the TV. Adjust the position if needed and then secure tight the screws.



6. If you don't need to install TV mount rack, slightly secure the fixture on the TV and adjust the position if needed. Finally, tightly screw all screws.



Get Started

Make a Video Call

The VB350 is a plug-n-play device. Open your video conferencing software and select the VB350 for **Audio and Video**.

Access the Web Interface

To access the web interface of your device, you can use any of the following software to find its IP address:

- AVer IP Finder
- Room Management

Note:

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

AVer IP Finder

The screenshot shows the AVer IP Finder application interface. It includes a 'Network Device' dropdown menu set to 'Realtek PCIe GbE Family Controller' with a 'Search' button. A 'Login' section contains 'Password' and an empty input field. The 'Network Setting' section has a 'Search Result' table with columns: No., Status, Progress, Model Name, Device Name, FW version, IPv4 Address, MAC Address, and IPv6 Address. Below the table are 'Settings' for DHCP (selected) and Static IP, with fields for Start IP Address, End IP Address, Subnet Mask, Gateway, and Primary DNS. An 'Apply' button is at the bottom right.

No.	Status	Progress	Model Name	Device Name	FW version	IPv4 Address	MAC Address	IPv6 Address
<input type="checkbox"/> 1	Working		CAM550	CAM550	0.0.8004.71	10.100.90.75:80	00:18:1a:60:4...	[]:80
<input type="checkbox"/> 2	Working		CAM570	CAM570	0.0.8102.36	10.100.90.79:80	36:69:88:11:1...	[]:80
<input type="checkbox"/> 3	Working		FONE700	FONE700	0.0.8300.81	10.100.90.172:80	00:18:1a:60:3...	[]:80
<input type="checkbox"/> 4	Working		ProAV CAM-P1	ProAV CAM-P1	0.0.9900.09	10.100.90.63:80	00:18:1a:0c:b...	[]:80
<input type="checkbox"/> 5	Working		VB342 Pro	VB342 Pro	0.0.7804.06	10.100.90.68:80	00:18:1a:0c:b...	[]:80

To access the web interface:

1. Download and install AVer IP Finder 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).

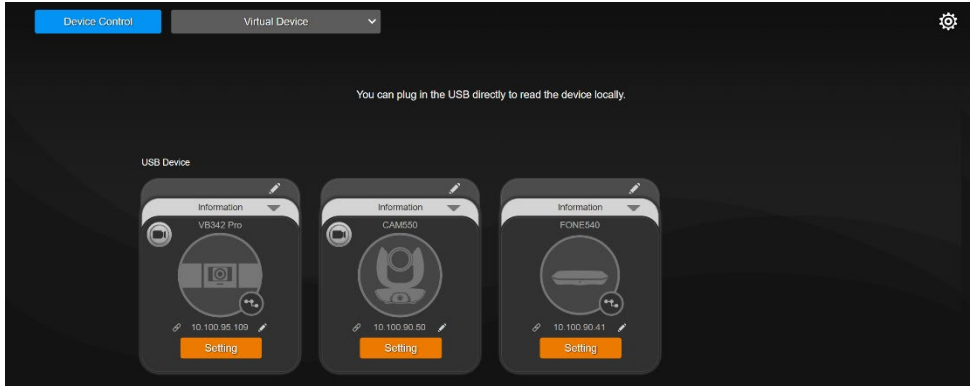
Note:

- Make sure your device is connected to the internet.
 - AVer IP Finder 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 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**.


Room Management




To access the web interface:

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.

Note:

- Make sure your device is connected to the internet.
 - Room Management and your device must be on the same LAN.
 - Uninstall PTZApp 2 before installing Room Management.
 - Room Management opens in your browser. We recommend Chrome 76 and above.
2. Connect your device to your computer with the included USB cable. Your device should appear under the **Device Control** page.
 3. Click the **hyperlink** icon  on the device card to open the web interface in your browser.

To change the network setting to DHCP or static IP:

1. Click the **pencil** icon  on the device card.
2. Select **DHCP** or **Static IP**, then enter your network settings if applicable.
3. Click **Confirm**.

Log In for the First Time

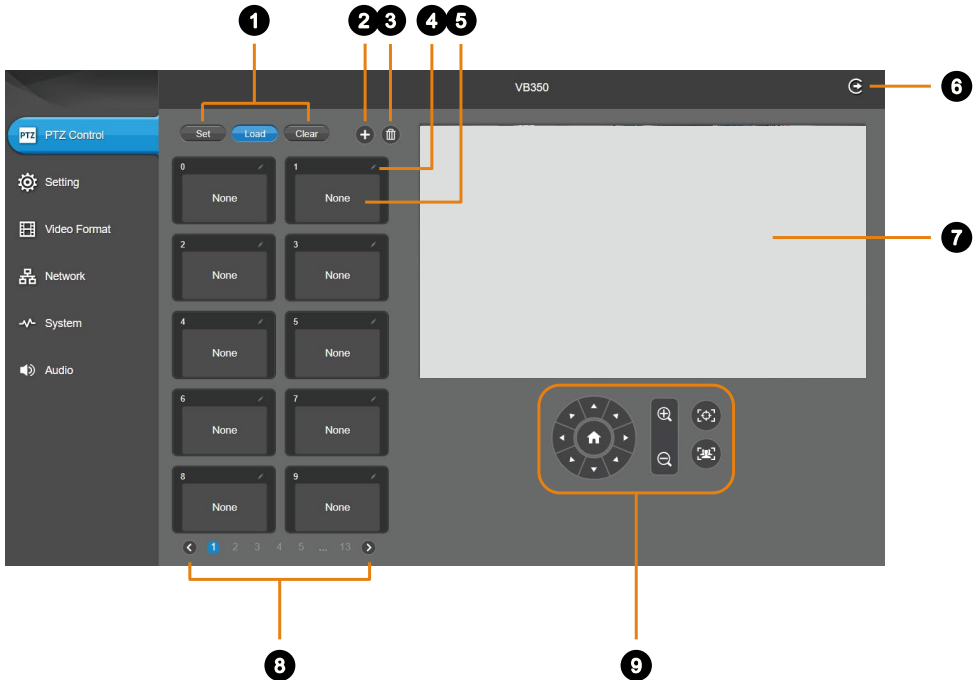
When you log in for the first time, enter the default password **aver4321**. You will be prompted to set up a new account and password. The account and password cannot be the same.

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

Web Interface

PTZ Control

Overview of PTZ Control



1. Preset Function Buttons

Set and load a preset.

2. Add Presets

There are 10 available presets 0-9 by default. Click the plus icon to add up to 128 available presets.

3. Delete Presets

Click a trashcan icon to delete available presets.

4. Name

Click the pencil icon to name a preset.


6. Log Out

Log out of your account and close the web interface.

7. Live View

8. Preset List


9. PTZ Control (Pan, tilt and zoom)

- Directional pad: Adjust the camera direction.
- Zoom control: Zoom in or out.
- SmareFrame : Frame all the participants and remove the excess

5. Preset Thumbnail

There are 10 available presets 0-9 by default.

background.

- One-Touch Focus : Click to autofocus once.

Save, Load and Clear a Preset



To save and load a preset:

1. Use the PTZ control to position your camera.
2. Select **Set**, then select a preset number to save that position.
3. Select **Yes** when prompted. A thumbnail of your preset will appear.
4. Click **Load** and select a preset thumbnail for your camera to go to.

To reset a preset:

1. Use the PTZ control to re-position your camera.
2. Click on the saved preset thumbnail, and click **Yes** on the pop-up window.
3. The new preset will be saved.

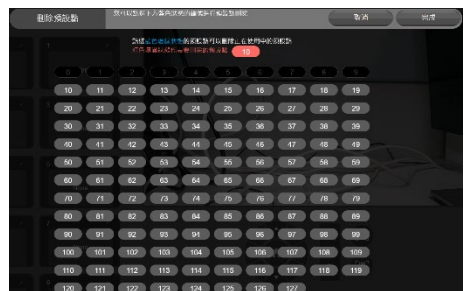
Add and Delete Available Presets (Presets 10-127)

There are 10 available presets 0-9 by default.

Click the plus icon to add up to 128 available presets, or click the trashcan icon to delete available presets.



Add



Delete

To add an available presets:

1. Select the plus icon, then select the preset numbers you want to add.

2. Select **Done**.

To delete an available preset:

1. Select the trashcan icon, then select the preset numbers you want to delete.
2. Select **Done**.

Setting

Camera

Tracking Mode: Off, **Manual Frame**, Auto Frame, Preset Framing, Audio Tracking

Audio Framing+ Presentation Mode

Note: Preset Framing
While one person walks through each preset point (ex. 1-4), camera will track the area automatically.

Note: Presentation Mode
Set up preset areas via PTZApp2 / Webpage or remote control before activate this mode. Camera tracks this area with voice triggered instead of framing people. When someone speaks outside of this area, camera will track this person and zoom in.

Camera Moving Speed: Slow Speed, **Middle Speed**, High Speed

Framing Speed: Slow Speed, **Middle Speed**, High Speed

Framing Size: Narrow, **Medium**, Wide

Transition Effect: **PTZ Movement**, Smart ViewShift

Audio Tracking Response Speed: Slow Speed, Middle Speed, **High Speed**


Audio Tracking Idle Interval: Off, **15 Sec**, 30 Sec, 40 Sec, 50 Sec, 60 Sec

Note: The camera will frame all the participants in the room based on the selected time interval if there is no human sound detected.

Conversation Mode Trigger Sensitivity: 3

Camera

Item	Description
Tracking Mode	Select a tracking mode. Please refer to <Tracking Mode> for details.
Camera Moving Speed	Select a camera moving speed.
Framing Speed	Select an idle time before auto frame: <ul style="list-style-type: none"> ● 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	<ul style="list-style-type: none"> ● 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	<ul style="list-style-type: none"> ● Select an idle time before the camera frames all

	<p>participants when no sound is detected.</p> <ul style="list-style-type: none"> ● Select OFF and the camera will stay at the final position.
Conversation Mode Trigger Sensitivity	<ol style="list-style-type: none"> 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.
Gesture Control	<p>Turn Gesture Control on or off.</p> <p>Please refer to <Gesture Control> for details.</p>
Audio Fence / Audio Fence Mode	<p>Turn the function on and select a fence mode for the microphone to decide the sound pickup area.</p> <p>AI functions will be turned off.</p>
Auto Focus	<p>Automatically focus after each pan, tilt and zoom, or automatically focus continually.</p>
Camera Focus	<p>Select to adjust the camera focus automatically, or manually drag the slider.</p>
Home Position	<p>Select a home position that your camera moves to when powered on.</p>
Sleep Position	<p>Select a home position that your camera moves to when entering standby mode.</p>
Sleep Timer	<p>Set a duration before standby mode.</p> <ul style="list-style-type: none"> ● When transmitting video over USB, RTSP or RTMP, the camera won't enter standby mode.
On-Screen Menu	<p>Turn On-Screen Menu on or off.</p> <ul style="list-style-type: none"> ● Load Preset Off: Displays all statuses except load preset.
Save Preset	<p>Turn Save Preset on or off.</p> <ul style="list-style-type: none"> ● When Save Preset is turned off, you won't be able to save presets using the remote control, web interface, hotkeys or VISCA commands.

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.

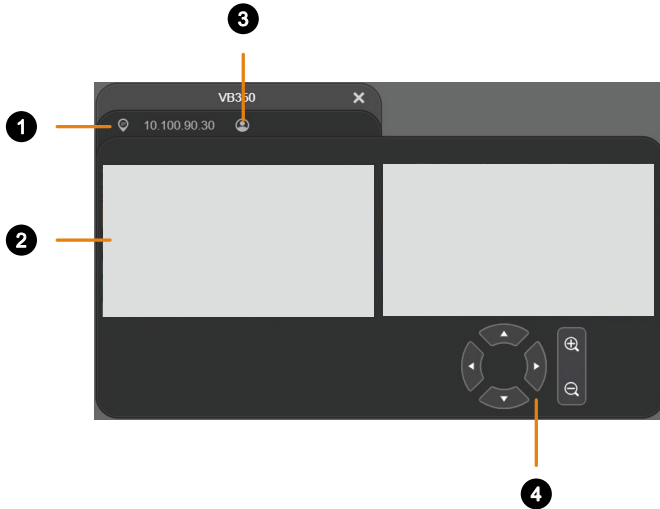
Frequency	Select a frequency.
White Balance	Select a white balance setting: <ul style="list-style-type: none"> ● Manual: Adjust the white balance manually by dragging the slider. ● Auto: Adjust the white balance automatically.
Noise Reduction	Adjust noise reduction level.
Brightness	Adjust brightness level.
Sharpness	Adjust sharpness level.
Saturation	Adjust saturation level.
Low Light Compensation	Turn Low Light Compensation on or off.
Extended Resolution Options	Select a resolution according to your need. The default resolution range is 720p-1080p.
Enlarge Total Zoom Up to 18x	Turn the function on or off.
Video Frame Rate	Select a video frame rate.

RS-232

Item	Description
ADDR	Select your settings to set up an RS-232 connection.
Baud Rate	
Protocol	
VISCA over IP	

Overview of the Floating Live View

- The floating live view opens automatically on .Setting, Video Format, Network and System tabs.
- To open the floating live view again after closing, click on the camera icon on top of Setting, Video Format, Network and System tabs.



1. IP Address

2. Live View

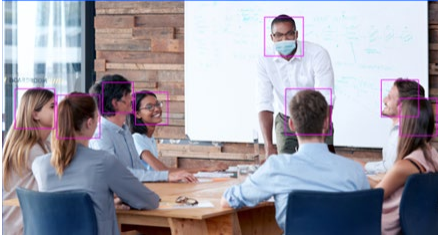
3. Head Count


Click to check the participant number on the screen.

4. PTZ Control

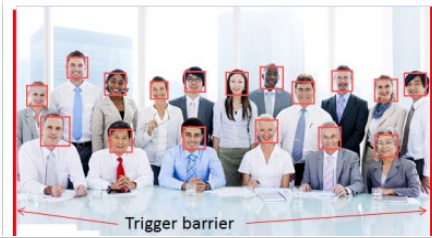
Tracking Mode

Manual Frame



Frame manually using the SmartFrame button  to frame entire group on screen once.

Auto Frame



Frame entire group on screen automatically. If no one is in view, the camera will default to preset 0.

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

Preset Framing

When the presenter enters a saved preset point, the camera will go to the certain preset point and frame the presenter.

Audio Tracking

Track active talker on screen.

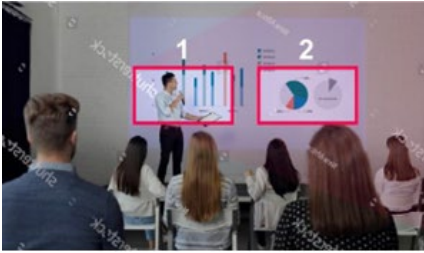
If no one is speaking, the camera will go to home position after your selected **Audio Tracking Idle Interval**.

- You can set a duration before the camera go to home position in **Setting** > **Audio Tracking Idle Interval**.
- The built-in microphone array is for audio-tracking and cannot be used as an audio source during a video conference. To set up external microphones, download Room Management and go to the **Audio** tab.

Audio Framing+

Frame one or more active talkers in full screen, PIP layout or split-screen views based on different talking conditions. The maximum supported video resolution is 1440p.

Presentation Mode



A combination of presets (not Preset Framing) and Audio Tracking.

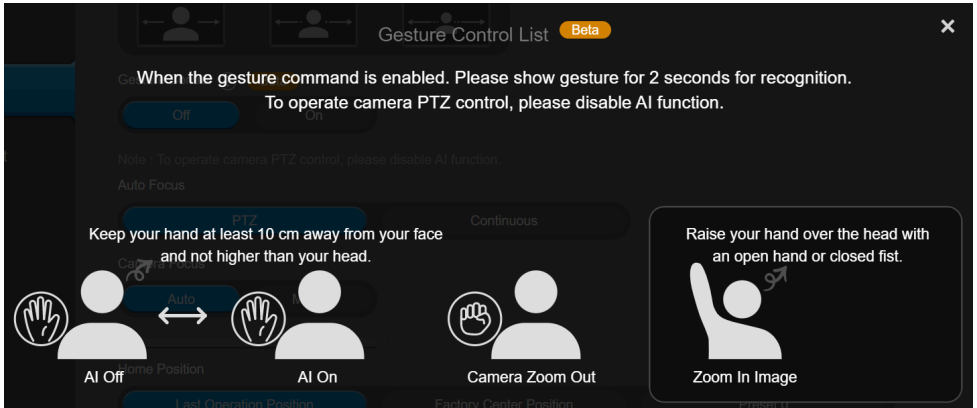
Uses presets when active talker is speaking inside of presets; uses Audio Tracking and frames active talker on screen when they are speaking outside of presets.






If no one is speaking, the camera will stay at the last position or default to group framing after your selected **Audio Tracking Idle Interval**.

- Make sure you have defined presets for audio tracking. Presets 1-9 are available. Preset 0 defaults to the home position.
- You can set a duration before the camera default to group framing in the **Setting** tab > **Audio Tracking Idle Interval**.

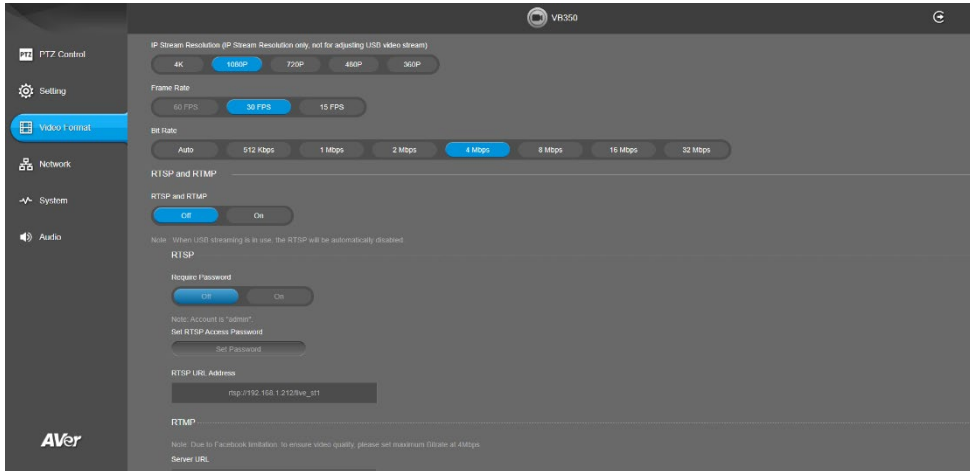
Gesture Control

- Turn on Gesture Control in the **Setting** tab > **Gesture Control**, and turn off all AI functions.
- The effective distance is up to 5 meters.



Gesture	Description
 <p>Turn Auto Frame on or off</p>	<p>Place your hand next to your face with your palm open and facing the camera for 2-3 seconds to turn Auto Frame on or off. Keep your hand 10 cm away from your face.</p>
 <p>Zoom In</p>	<p>Raise your hand over your head for 2-3 second to zoom in.</p> <ul style="list-style-type: none"> ● Tracking Mode will be turned off when you zoom in or out with gestures. To turn on Tracking Mode again, do one of the following: <ol style="list-style-type: none"> 1. Use gesture to turn on Auto Frame. 2. Press and hold the SmartFrame button  on the remote control to switch between tracking modes. 3. Web interface: go to the Setting tab > Tracking Mode. 4. PTA App 2: go to the Setting tab > Tracking Mode.
 <p>Zoom Out</p>	<p>Place your fist next to your face with your fist facing the camera for 2-3 seconds to zoom out. Keep your fist 10 cm away from your face.</p> <ul style="list-style-type: none"> ● Tracking Mode will be turned off when you zoom in or out with gestures. To turn on Tracking Mode again, do one of the following: <ol style="list-style-type: none"> 1. Use gesture to turn on Auto Frame. 2. Press and hold the SmartFrame button  on the remote control to switch between tracking modes. 3. Web interface: go to the Setting tab > Tracking Mode. 4. PTA App 2: go to the Setting tab > Tracking Mode.

Video Format



Item	Description
IP Stream Resolution	Select a resolution for streaming over IP.
Frame Rate	Select a frame rate.
Bit Rate	Select a bit rate. <ul style="list-style-type: none"> To live stream on Facebook, we recommend a bit rate under 4Mbps.

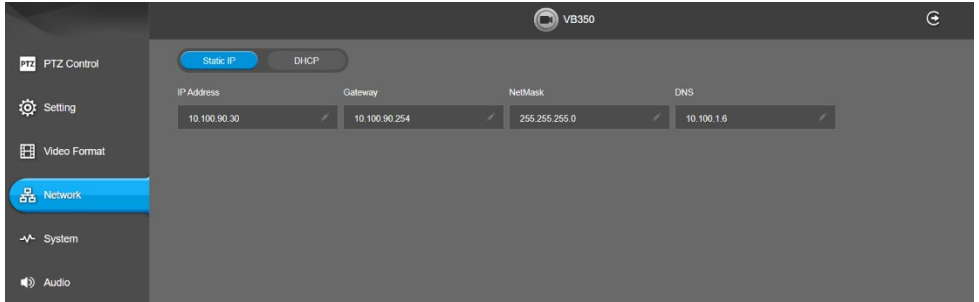
RTSP

Item	Description
RTSP	Turn RTSP and RTMP on or off.
Video Format	Select a video format.
Require Password	Turn Require Password on or off.
Set RTSP Access Password	Set or change an RTSP access password.

RTMP

Item	Description
Server URL	Copy and paste your video platform's server URL and stream key.
Stream Key	
Start Using RTMP	Click Start to start streaming, Stop to stop streaming.

Network



Item	Description
Static IP, DHCP	Set up Static IP or DHCP. <ul style="list-style-type: none">● Static IP: Enter your network settings to set up a static IP connection and click Confirm.

System

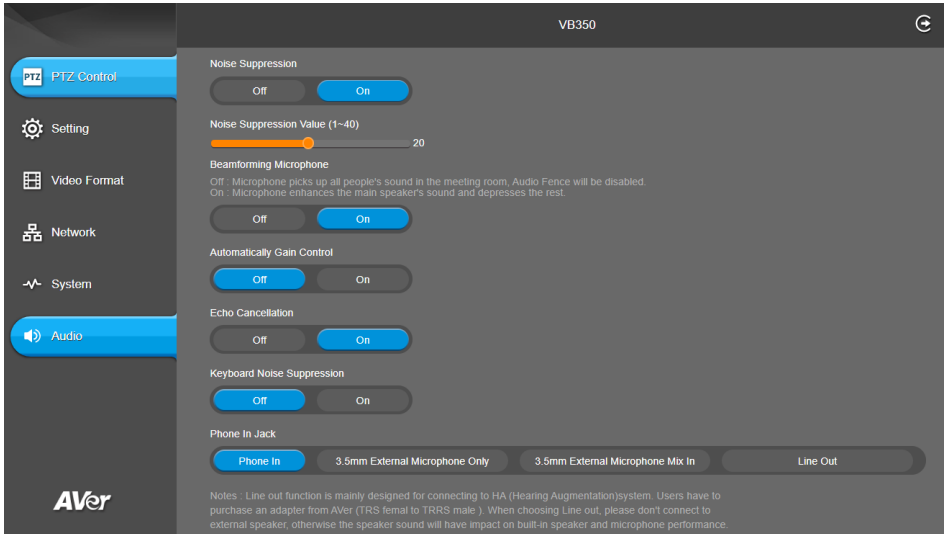
The screenshot displays the 'System' settings interface for an AVer camera. The left sidebar contains navigation options: PTZ Control, Setting, Video Format, Network, System (highlighted), and Audio. The main content area is titled 'System' and includes the following sections:

- Language:** English (selected), 繁體中文, 日本語
- USB Display:** Off, On (selected)
- FW Update:** Auto Update, Manual Update
- Factory Default:** Reset
- Camera Reboot:** Reboot
- Change Password:** Change WEB Access Password
- SSL Certificate:** Import
- Date Format:** yyyy-mm-dd (selected), mm-dd-yyyy, dd-mm-yyyy
- Time Format:** 24-Hour (selected), 12-Hour
- Time Correction Mode:** Auto, Manual (selected)
- Time:** 2022/3/13 20:12
- Allow Providing of anonymous usage data:** Off, On (selected)
- Information:**
 - Model Name: VB350
 - Firmware Version: 0.0.8202.18
 - Serial Number: 0000000003669

Item	Description
Language	Select a language for the web interface.
USB Display	Turn the function on to enable image output via USB.
FW Update	Update your camera firmware. <ul style="list-style-type: none"> Auto Update: Check and update online. Manual Update: Update the downloaded firmware file. <p>Note: The camera will reboot and the connection will be lost. Please wait a few minutes and keep the power cable connected. Unplugging the cable during this process may damage the device.</p>
Factory Default	Reset your camera to factory default settings. You can choose to

	<p>keep the IP address by selecting the checkmark.</p> <ul style="list-style-type: none"> If you forgot your password, use Room Management to reset the web interface password to the default aver4321.
Camera Reboot	Reboot the camera.
Change Password	<p>Change the web interface password. Refer to <Log In for the First Time>.</p> <ul style="list-style-type: none"> If you forgot your password, use Room Management to reset the web interface password to the default aver4321.
SSL Certificate	Upload an SSL certificate.
Date Format	Select a date format.
Time Format	Select a time format.
Time Correction Mode	<p>Select a time correction mode.</p> <ul style="list-style-type: none"> 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 your camera information such as IP address and more.

Audio



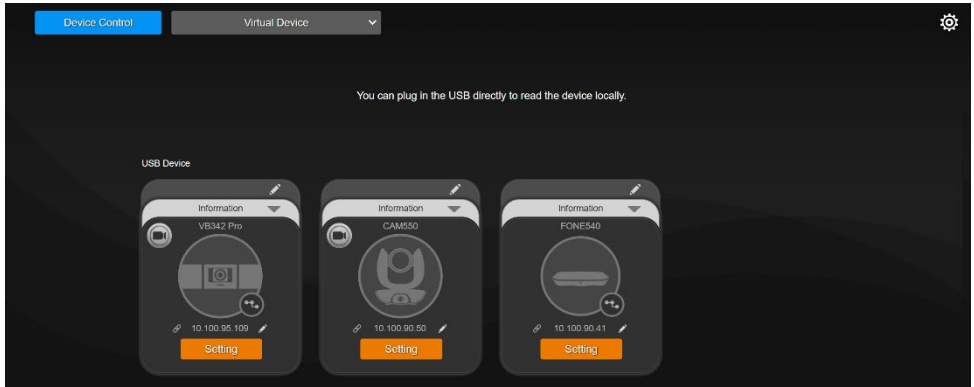
Item	Description
Noise Suppression / Value	Turn the function on to reduce ambient noise. Drag the slider to adjust the suppression value.
Beamforming Microphone	<ul style="list-style-type: none"> ● Off: The microphone picks up all the presenters' voices in the meeting room, and Audio Fence will be disabled. ● 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	<ul style="list-style-type: none"> ● Phone In: Connect your mobile phone to the Phone In port to use 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 VB350. ● Line Out: Connect to HA system for audio output. You may need to purchase an audio-out adapter from AVer

(TRS female to TRRS male).

Note: Avoid connecting to an external speaker when using **Line Out**. The speaker sound will have impact on built-in speaker and microphone performance.

Room Management

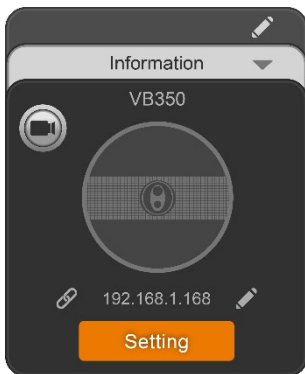
Configure Settings on Room Management



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.

Note:

- Uninstall PTZApp 2 before installing Room Management.
 - Room Management opens in your browser. We recommend Chrome 76 and above.
2. Connect your device to your computer using the included USB cable. Your device should appear under the **Device Control** page.
 3. Click **Setting** to control audio and video settings.
For additional information, please refer to the Room Management user manual.



EZLive

Please go to <https://www.aver.com/download-center> to download the AVer EZLive software. After downloading, double-click on the file and follow the on-screen instructions to complete the installation.

Use AVer EZLive

During a video call, EZLive can help user to do:

- (1) Camera ePTZ
- (2) Volume control for the speaker connected
- (3) Capture camera's still images
- (4) Record video
- (5) Live stream to YouTube, Livehouse.in, USTREAM, etc.
- (6) Camera Zoom in/out
- (7) Capture PC screen shot
- (8) Record PC screen video
- (9) Set up livestream
- (10) Open file management to retrieve photos and video files
- (11) Livestream setting
- (12) Drawing tool.

