

VB130 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.

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>

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Overview

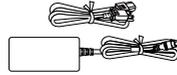
Package Contents



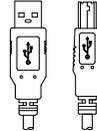
VB310



Remote Control



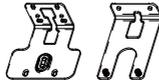
Power Adaptor &
Power Cord



USB 2.0 Type-B to
Type-A Cable (5 m)



USB Type-A to
Type-C Adapter

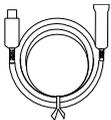


Wall Mount Kit



Tripod Screw

Optional Accessories



USB 3.1 Extender
10 m / 20 m / 30m



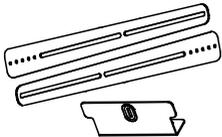
MicroB Expansion
Microphone 10 m / 20
m (cable included)



Screen Mount Kit



Wireless Dongle



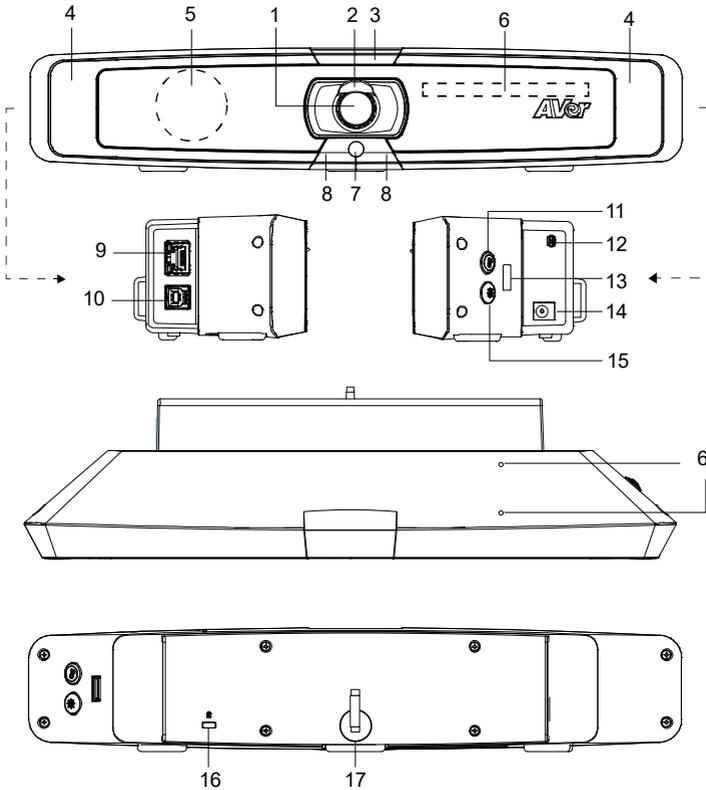
TV VESA Mount Kit



USB 3.1 Type-B to
Type-A Cable (3 m)

* For details on optional accessories, please consult your local dealer.

Overview



- | | |
|---------------------|--|
| 1. Lens | 10. USB 3.1 Type-B Port |
| 2. Lens Cover | 11. Color Temperature Button |
| 3. LED Indicator | 12. Mini USB Port for Expansion Microphone |
| 4. Fill Light | 13. USB 2.0 Type-A Port |
| 5. Speaker | For Wireless Dongle |
| 6. Microphone Array | 14. DC 12V Power Jack |
| 7. Color Sensor | 15. Brightness Button |
| 8. IR Sensor | 16. Kensington Lock |
| 9. Ethernet Port | 17. Velcro Strap |

LED Indicator

Power on: Blink blue once

Start-up: Solid red

Power on completely but no USB connection: Solid orange

Power and USB cable connected but device is idle or a call on hold: Solid white

Video and audio on: Solid blue

Calling: Fast blink white or blue depending on original status

Video mute and audio on (During a call): Solid purple

Video on and audio mute (During a call): Solid red

A second calling: Fast blink white, blue, or purple depending on original status

Use Fill Light

- Intelligent Lighting Mode detects and supplements ambient light, while Manual Lighting Mode offers 12 levels of brightness over Intelligent Lighting Mode. Press  or  to adjust color temperature or brightness in either mode.
- By default, the camera remembers previous settings and the fill light automatically turns on when streaming video. To adjust settings, go to the **Setting** tab > **Remember User's Light Setting** or **Advanced Light Settings** on the web interface or in PTZ App2.
- **With panel buttons**

Press and hold for 3 sec	To
 or 	Turn fill light on or off.
 + 	Switch between Intelligent Lighting Mode and Manual Lighting Mode.

- **With remote control**

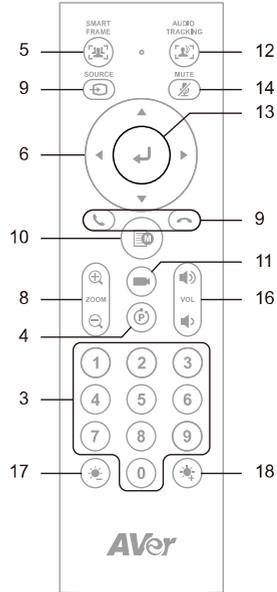
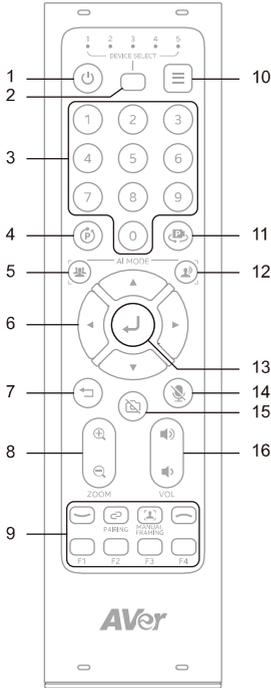
Press and hold	To
 or 	Turn fill light on or off.

Press	To
	When fill light is on, decrease fill light brightness.
	When fill light is on, increase fill light brightness.

Note: If brightness buttons aren't available on your remote control, use the panel buttons instead.

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 Buttons	Open compound keys guide. Refer to <Combination Buttons> for details.
5. SmartFrame	<p>Press to frame entire group on screen. Press and hold to cycle through tracking modes.</p> <ul style="list-style-type: none"> To hide the SmartFrame icon , go to Setting > On-Screen Menu > Off on the web interface or in PTZ App2.

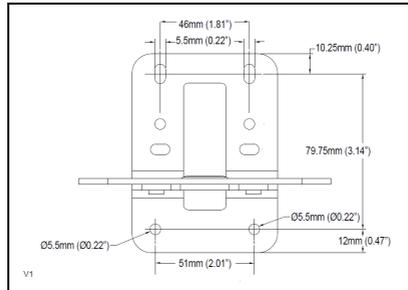
6. Pan-Tilt Control	Pan and tilt direction control.
7. Back	N/A
8. Zoom In/Out	Zoom in or out.
9. Function Buttons	<ul style="list-style-type: none"> • Call/Answer: Start or answer a call. • Pairing: Press and hold to turn Bluetooth on. Press to disconnect. • Manual Framing: N/A • Hang Up: End call. • 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	Press to display current AI function on closed caption.
14. Mute	Mute or unmute microphone.
15. Camera Off	N/A
16. Volume	Volume up or down.
17. Brightness -	When fill light is off, decrease image brightness.
18. Brightness +	When fill light is off, increase image brightness.

Combination Buttons

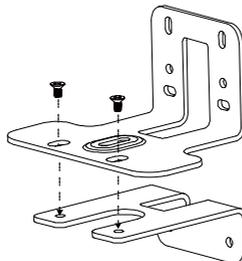
Press consecutively	To
Ⓜ + 0	Switch between 120° Wide Mode and 90° Depth Mode.
Ⓜ + 1	Turn wide dynamic range (WDR) on or off.
Ⓜ + 2	In Presentation Mode, use pan, tilt and zoom controls to position the camera, then press this combination buttons consecutively to define presentation area.
Ⓜ + 3	Turn RTMP streaming on or off.

Wall Mount Installation

1. Use the drilling paper in the wall mount kit to drill four holes on the wall where the user wants to mount the camera. (Depending on different regions, it may include screen mount or wall mount kit in the package.)



2. Use two M4 x8 screws in the wall mount kit to assemble L-mount brackets.

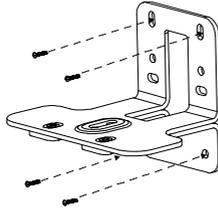


3. Use four screws (not supplied in the wall mount kit) to secure the L-mount brackets on the wall.

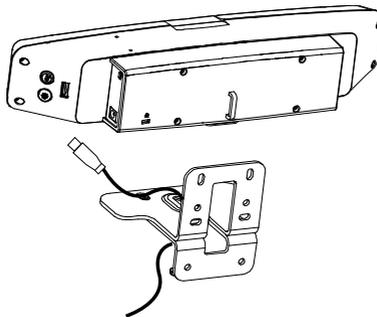
[Note]

Screws for Cement wall: M4 x20mm self-tapping screws (x4) + Plastic conical anchor

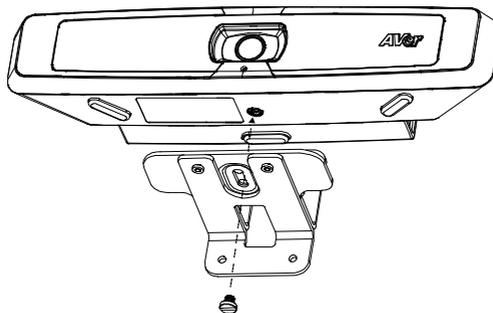
Screws for Wooden wall: M4 x20mm self-tapping screws (x4)



4. Pass the cables through the hole on the L-mount brackets and connect the cables to corresponding connection ports.



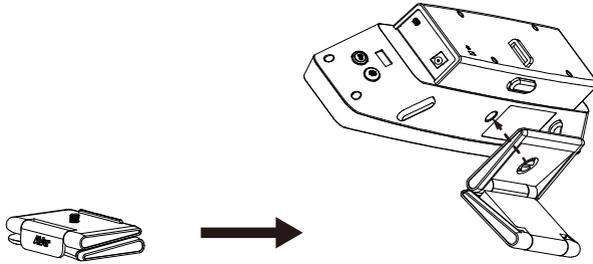
5. Use the tripod screw in the wall mount kit to secure VB130 on the L-mount brackets.



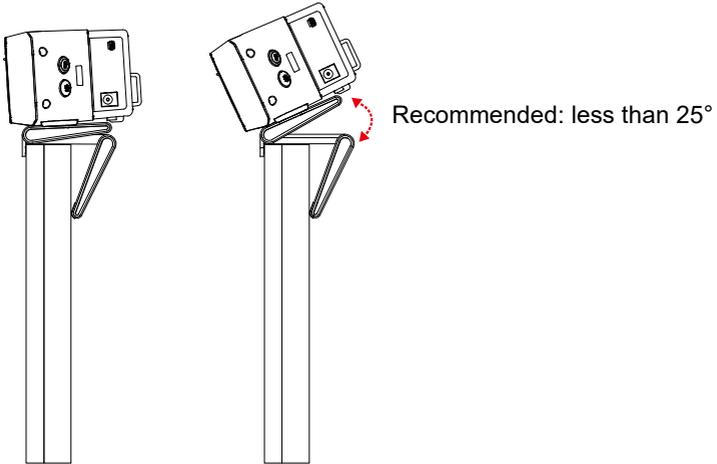
Tilt via Screen Mount Kit (Optional)

1. Open the screen mount and use its tripod screw to secure the VB130. (Depending on different

regions, it may include screen mount or wall mount kit in the package.)

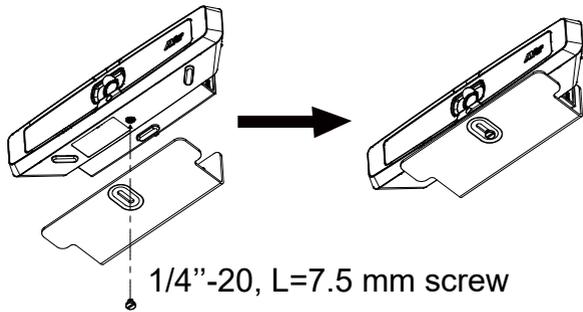


2. Clip the screen mount on the top of TV or the monitor. Tilt the screen mount if needed.

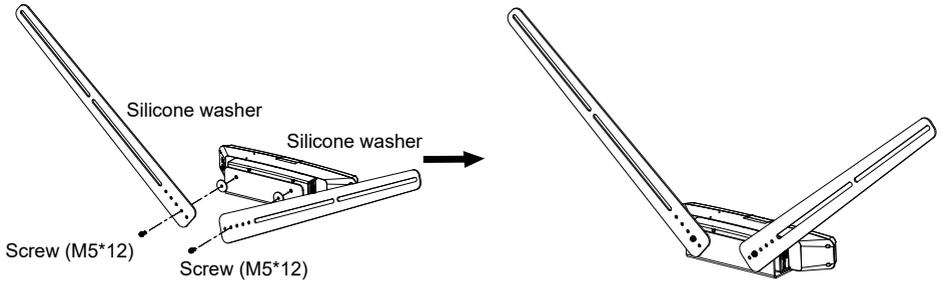


TV VESA Mount Installation (Optional)

1.

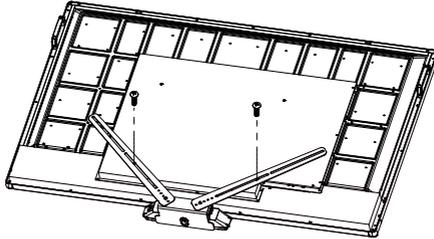


2.

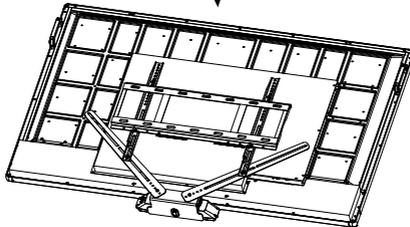
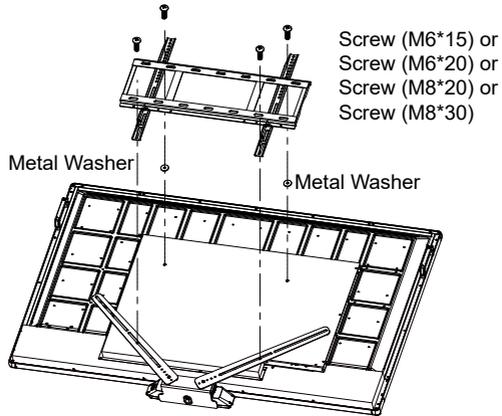


3.

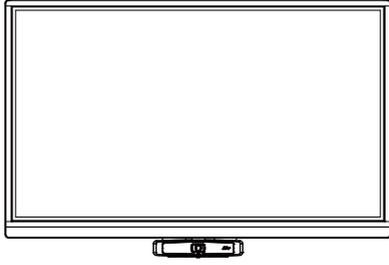
Screw (M6*15) or
Screw (M6*20) or
Screw (M8*20) or
Screw (M8*30)



OR



4.

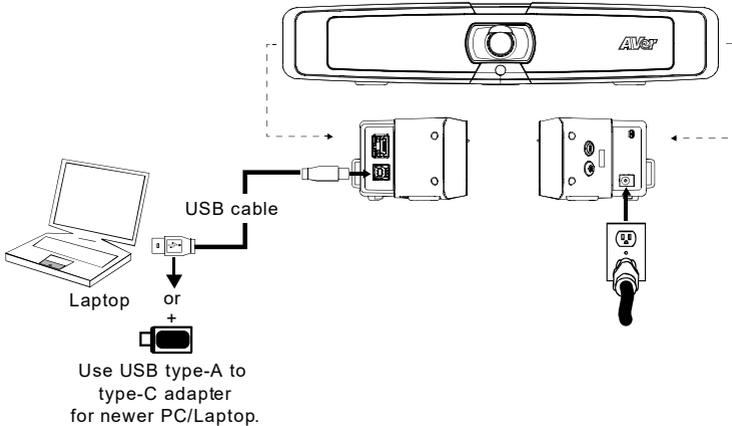


Connections

Device Connection

Connect VB130 to PC/laptop with provided USB 2.0* cable and connect the power cord of VB130 to power wall outlet.

[Note] Use the supplied Velcro strap to secure and manage the cable.



*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	- Up to 4k/30fps - 1080p/60fps	- Up to 1080p/30fps	- Up to 4k/30fps - 1080p/60fps
- 720p, up to 10fps		- 720p/60fps	

■ Digital zoom ratio vs video resolution

Resolution	Zoom in/out ratio
4K	N/A
1080p/60fps	2x
Others	5x

Since SmartFrame function requires zoom function, it will not work under 4K resolution.

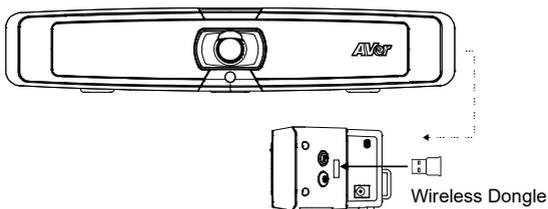
Wireless Dongle Installation

Use VB130 as mobile phone's external audio device:

When using mobile phone to have a video call, user can connect their mobile phone to VB130 via Bluetooth wireless connection to enjoy crystal clear audio quality.

Plug the wireless dongle into the USB 2.0 type-A port before turning on VB130, then use the remote control or Room Management to turn on Bluetooth.

Turn on Bluetooth on the mobile phone to connect and use VB130 as an external microphone and speaker during conference meetings.



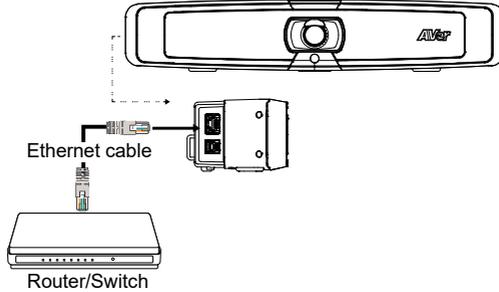
Make a three-way call:

While having a video call such as Zoom or Teams, user can use mobile phone to call third party to instantly join the on-going meeting. Connect a mobile phone to VB130 via Bluetooth connection. Use the mobile phone to call third party and the third party's sound can be heard by remote site to start a three-way conference call.

[Note] The wireless dongle is an optional item in certain countries.

Ethernet Connection

VB130 supports ethernet connection which allows user to access VB130 from remote site through browser. Web accessing please refer to [“Make a Connection through the Browser”](#).

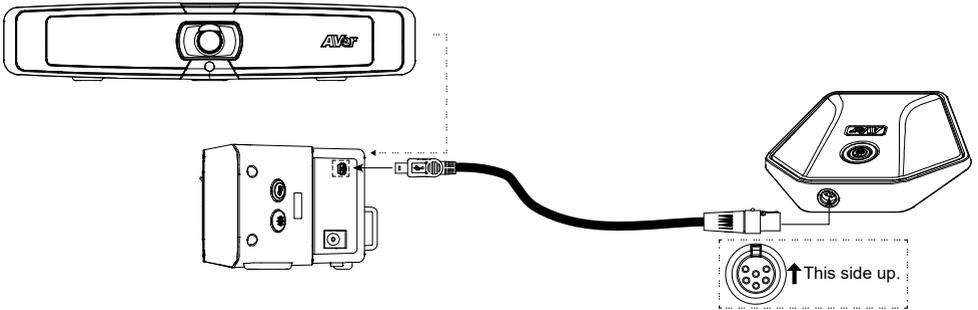


Expansion Microphone Installation (Optional)

User can purchase the expansion microphone from AVer.

The expansion microphone can expand the sound received and controlled of audio, mute and unmute.

[Note] Cable is included with optional expansion microphone. There are two lengths of cables - 10m and 20m.



Get Started

Make a Video Call

The VB130 is a plug-n-play device. Open your video conferencing software and select the VB130 for Audio and Video.

Access the Web Interface

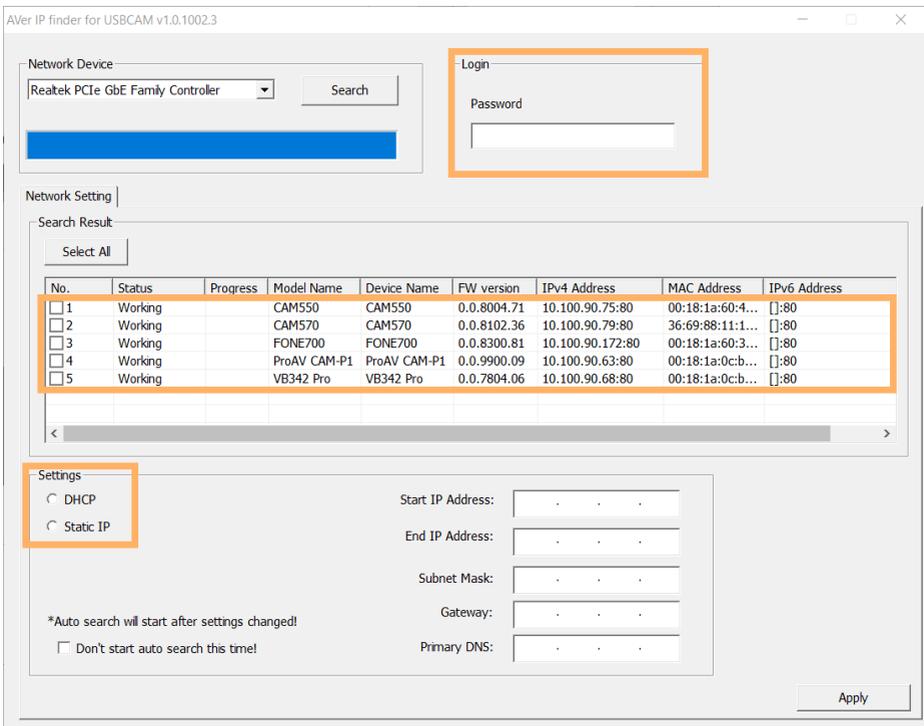
To access the web interface of your device, you can use any of the following software to find its IP address:

- AVer IP Finder
- Room Management

Note:

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

AVer IP Finder



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).

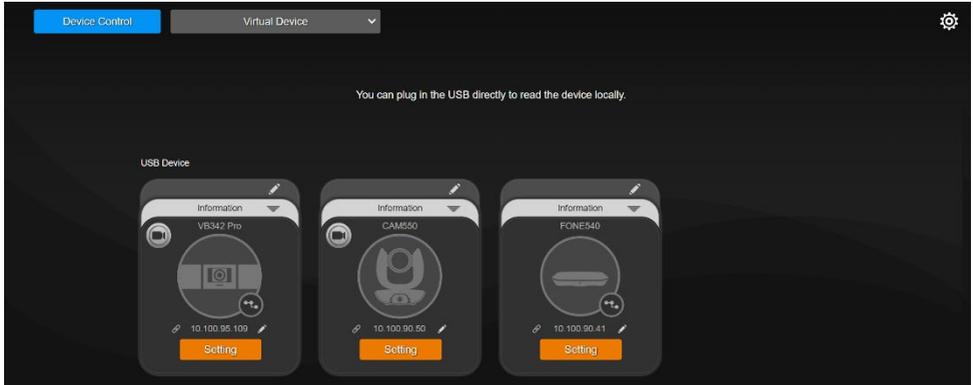
Note:

- 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 (! \$ % ' () * + , - . / < = > ? @ [\] ^ _ { } ~).

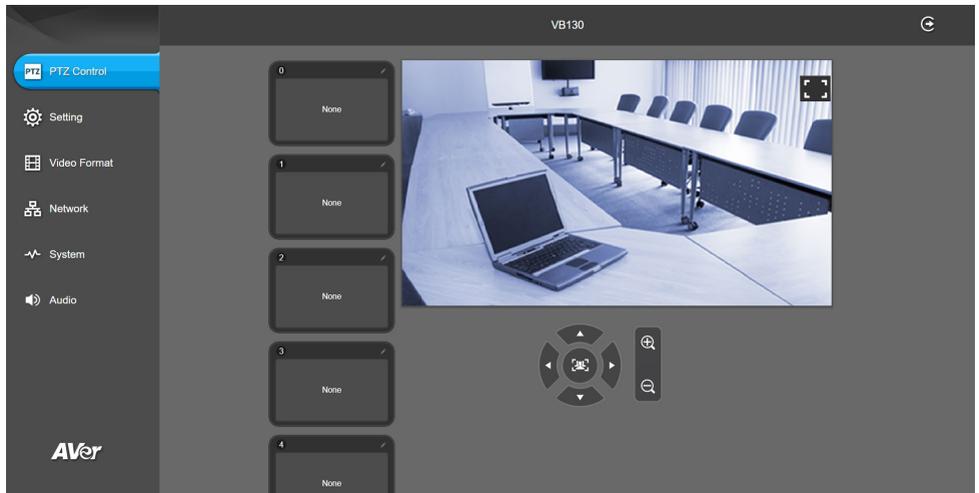
Web Interface

VB130 supports Ethernet connection; users can enter the IP address into the web browser to connect to the camera for detail settings.

First Time Login

To find the IP address of the camera; please refer to “**Make a Connection through the Browser**” section.

1. Open the browser on your laptop/PC and enter the IP address of the camera.
2. Enter the password at login screen. The default password is “**aver4321**”.
3. The main web screen is displayed.

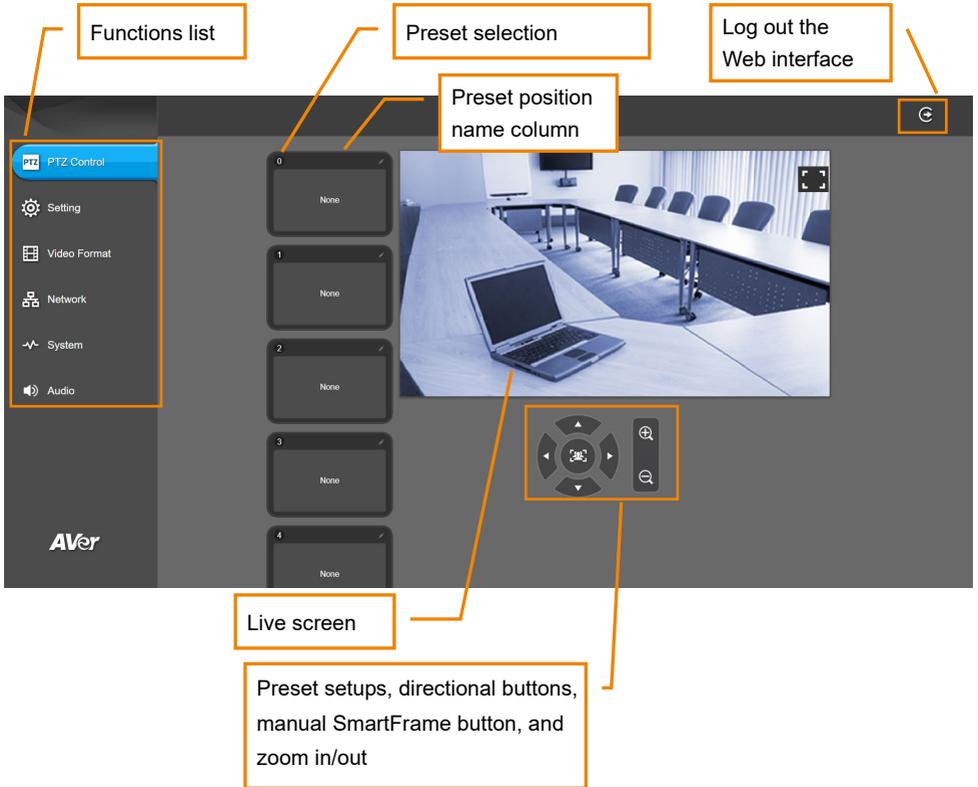


Live Screen Operation

User can control the camera direction, zoom in/out, and set preset position.

[Note]

1. The system will force the previous login to log out, when there is a second login.
If the web page is idle without any request for more than 4 hours, user will be logged out.
2. The resolution of live screen is 848x480/ 10fps.



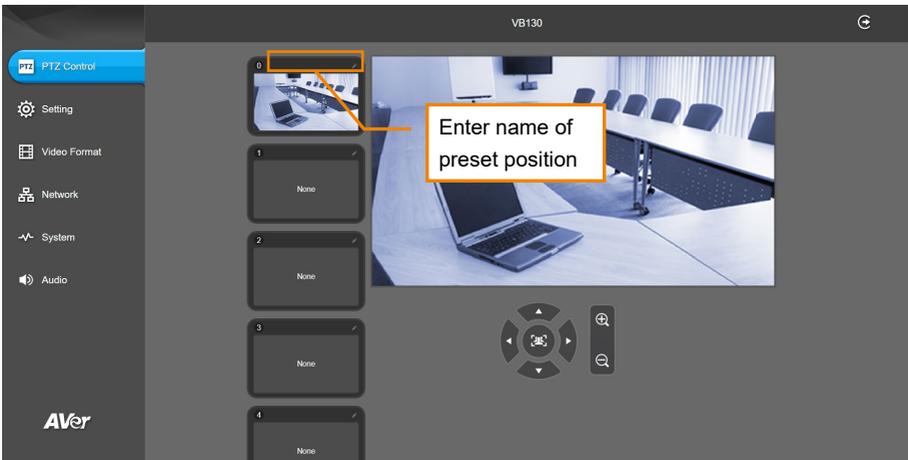
Set up the Preset

User can set 10 preset positions.

1. In live screen, use mouse to scroll up or down and click the preset number frame (0~9).
2. Use ▲, ▼, ◀, ▶ and zoom in/out buttons to adjust the camera screen view to desired position.
3. Select **Set Preset** button to save the preset. The system will capture the preset screen view and display in preset number frame.



4. Select  icon to edit name of preset frame. Click other Web interface to save the name edited.

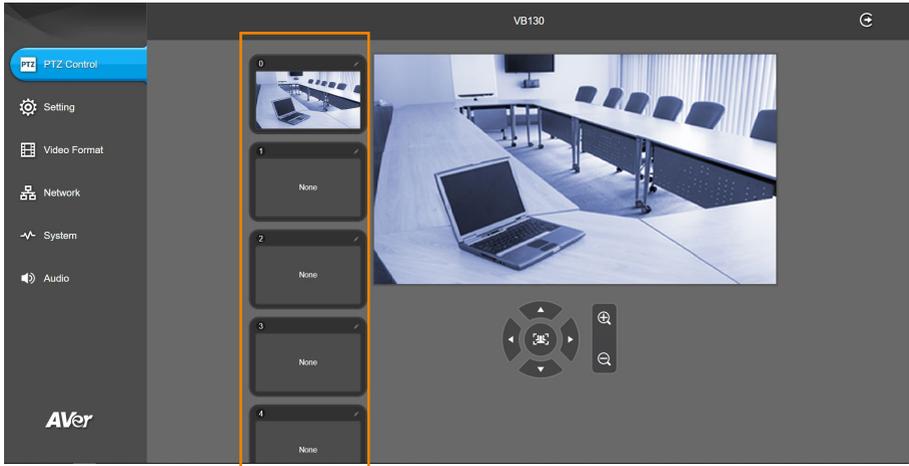


5. To set another preset, repeat the above steps.

Select the Preset Position

Preset positions need to be set.

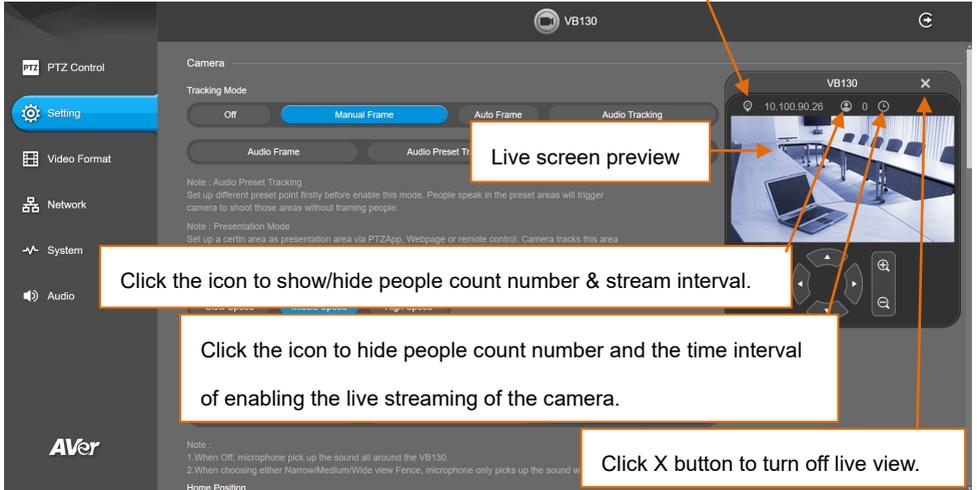
Use mouse to scroll up or down to select the preset. The live screen will move to the preset screen view.



Camera Settings

The video  icon is to turn on camera live view while doing any settings.

IP icon shows the IP address of the camera.



The screenshot shows the AVer camera settings interface. On the left is a navigation menu with options: PTZ Control, Setting (highlighted), Video Format, Network, System, and Audio. The main area is titled 'Camera' and includes 'Tracking Mode' with buttons for 'Off', 'Manual Frame' (selected), 'Auto Frame', and 'Audio Tracking'. Below this are 'Audio Frame' and 'Audio Preset Tr' buttons. A 'Live screen preview' window is open, showing a video feed of a meeting room. The preview window has a title bar with 'VB130' and an 'X' button. The video feed shows a timestamp '10:100:90:26', a person count '0', and a refresh icon. Below the video feed are navigation controls: a directional pad, a zoom-in icon, a zoom-out icon, and a search icon. Callout boxes with arrows point to these controls: one points to the IP icon in the top left of the preview window; another points to the 'X' button in the top right; a third points to the person count and refresh icons; a fourth points to the zoom-in and zoom-out icons; and a fifth points to the 'X' button in the bottom right of the preview window.

Live screen preview

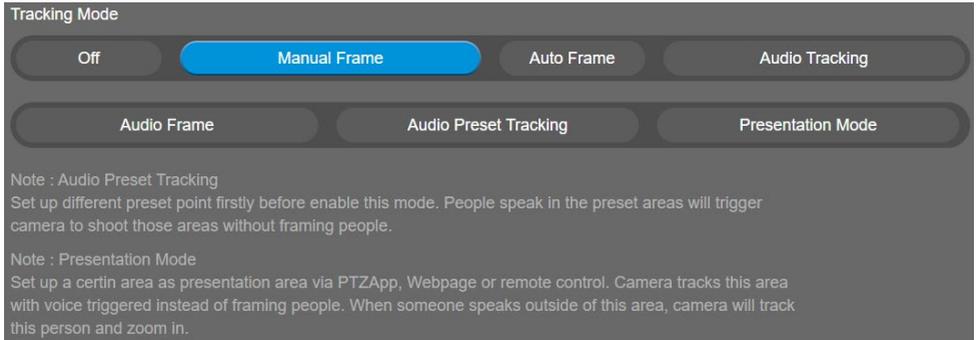
Click the icon to show/hide people count number & stream interval.

Click the icon to hide people count number and the time interval of enabling the live streaming of the camera.

Click X button to turn off live view.

Tracking Mode

Select **Setting > Camera > Tracking Mode > Off, Manual Frame, Auto Frame, Audio Tracking, Audio Frame, Audio Preset Tracking, or Presentation Mode.**



- **Off:** Tracking mode is disabled.
- **Manual Frame:** User one-click SmartFrame button and camera will adjust view angle to fit all participants in screen for once.
- **Auto Frame:** Camera automatically adjusts view angle to frame all participants on screen every time it detects participants' faces or bodies. This action will be activated once people in the room sit or stand still for 1~5 seconds, depending on the framing speed you select.* Once all the participants are in frame, the camera will keep the image stable by not completing any action until subjects move in or out of the screen. When a participant touches the sides of the screen or enter



the 120 degree lens field of view, it will trigger the camera and automatically track, detect, and frame all the participants again.

*The default framing speed is "Middle" speed. "High" speed is more suitable for one person tracking.



[Note]

VB130 frames people in masks or any facial profile up to 5 meters away!

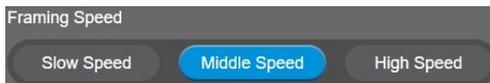
- **Audio Tracking:** After detecting the sound, camera focuses at the speaker and zooms in. The camera moving path will be shown in the screen.
- **Audio Frame:** Once detecting human sound, camera focuses on speaker, shows the speaker in view, and zooms in without showing moving path in the screen.
- **Audio Preset Tracking:** Set up preset points in advance before enabling this mode. Once detecting human sound, camera will track the specific area but not zoom in the person. (Only for Preset points 1~9. Preset 0 is for home position).
- **Presentation Mode:** This is a combination of preset tracking and audio frame. First, set up a presentation area for tracking. For example, select the whole white board as presentation area. **Click Edit button.** Use ◀, ▼ ▲, ▶, and zoom in/out button to adjust presentation area. Click **Save** to confirm the setting. When a person talks in this area, camera will immediately shoot this area. When someone speaks outside of this area, camera will move to frame him. When there is no human sound and no people's face or body being detected for more than 3 mins, the camera will shoot back to this area.



You can also use remote control by pressing **(P)** and then **(2)** to save presentation area. After adjusting the desired image proportion and position, press **(P)** then **(2)** to confirm the presentation area. Please notice that this area is beyond 0~9 preset points on remote control.

Framing Speed

Select **Setting > Camera > Framing Speed > Slow Speed, Middle Speed** (default), or **High Speed**. When in auto framing or preset framing mode, camera will automatically frame people if they stand still without moving for 1~5 seconds.



- **Slow Speed:** camera starts to frame people if they don't move for 5 seconds.
- **Middle Speed:** camera starts to frame people if they don't move for 3 seconds.
- **High Speed:** camera starts to frame people if they don't move for 1 second.

[Note] High Speed is more suitable for one person tracking.

Audio Fence Mode

Select **Setting > Camera > Audio Fence > On**.

Select **Setting > Camera > Audio Fence Mode > Narrow View Fence, Medium View Fence, or Wide View Fence**.



Microphone only picks up the sound within viewing angle. Choose a suitable camera viewing area to silence the sound beyond the meeting area.

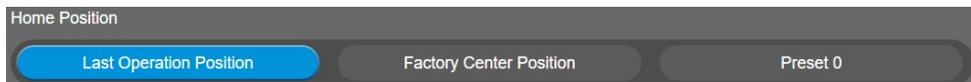
[Note] All the AI tracking functions, pan, tilt, and zoom in/out will be disabled while audio fence is on.



Home Position

Every time when powering on the camera, it will turn to this position.

Select **Setting > Camera > Home Position > Last Operating Position, Factory Center Position, or Preset 0**.



On Screen Menu

Enable/disable on screen display status information.

Select **Setting > Camera > On Screen Menu > Off, On, or Load Preset Off.**



Save Preset

Enable/disable “save preset” function. When applicable, IT personnel can limit end-user access to change preset points by locking “save preset” function and switching this function off.

When off, user can't save preset points via IR remote, Hot key, VISCA, web page and Room Management.

Select **Setting > Camera > Save Preset > Off or On.**



Fill Light

Select **Setting > Camera > Fill Light > Intelligent Lighting or Manual Lighting.**

The fill light function is set at Intelligent Lighting as factory default. When video streaming is on, the fill light will be on automatically.

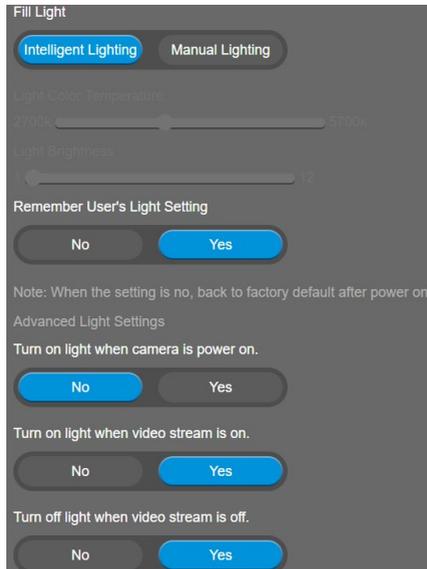


Image Settings

Field of View

Two kinds of view angle to select for different types of rooms.

Select **Setting > Image > Field Of View > Depth Room (90 degree)** or **Wide Room (120 degree)**.

[Note] To enable this option, please switch OFF all the AI functions.



Image Flip

If the VB130 is installed in the upside down position, please enable the "Flip".

Select **Setting > Image > Image Flip > Off** or **On**.



Image Mirror

To mirror the camera image.

Select **Setting > Image > Image Mirror > Off** or **On**.



True WDR

In back light environment, enable WDR to improve the brightness of image.

Select **Setting > Image > True WDR > Off** or **On**.

The frame rate will be limited to 30FPS while WDR is on.

If user enables this function in a normal light condition, the image will become over exposure and encounter image blur.

When WDR is enabled, camera has taken long exposure and user cannot manually adjust the brightness of image.



Frequency

Select the frequency of the camera.

Select **Setting > Image > Frequency > Off, 50 HZ or 60 HZ.**



White Balance

Select the White Balance setting for various light conditions or color temperature.

Select **Setting > Image > White Balance > Auto or Manual.**



Noise Reduction

To reduce the noise from the signal.

Select **Setting > Image > Noise Reduction > Off, Low, Middle or High.**



Brightness

Adjust the value of brightness.

Select **Setting > Image > Brightness > 1 ~ 9.**



Sharpness

Adjust the value of sharpness.

Select **Setting > Image > Sharpness > Off, Low, Middle, or High.**



Saturation

Adjust the value of saturation.

Select **Setting > Image > Saturation > 1 ~ 9**.



Low Light Compensation

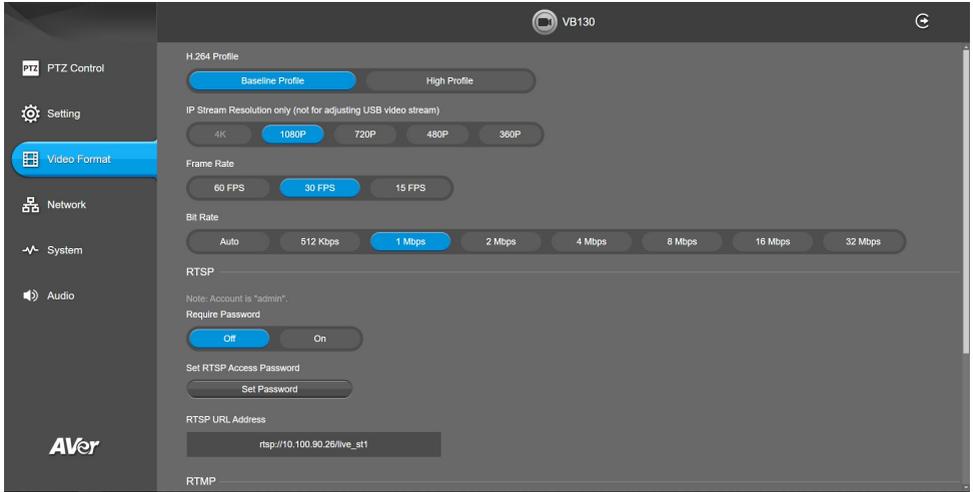
Enable/disable the compensation in low light environment.

Select **Setting > Image > Low Light Compensation > Off or On**.

Please notice that the frame rate will drop to 10~15 fps.



Video Format Settings



H.264 Profile

While in live broadcasting, user can choose preferable profile to get best streaming quality.

Select **Video Format > H.264 Profile > Baseline Profile** or **High Profile**.

[Note] RTSP, RTMP will not be available while USB streaming is in use.



IP Stream Resolution

Set up the resolution for IP stream. Not supported for USB video stream.

Select **Video Format > IP Stream Resolution only (not for adjusting USB video stream) > 1080P, 720P, 480P, or 360P**.

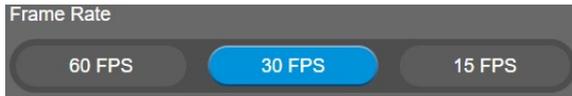
[Note] RTSP, RTMP will not be available while USB streaming is in use.



Frame Rate

Set up the frame rate value.

Select **Video Format > Frame Rate > 60 FPS, 30 FPS, or 15 FPS.**



Bit Rate

Set up the bit rate value.

Select **Video Format > Bit Rate > Auto, 512 Kbps, 1 Mbps, 2 Mbps, 4 Mbps, 8Mbps, 16Mbps, or 32 Mbps.**

For Facebook live broadcasting, it's suggested to choose less than 4Mbps to ensure smooth streaming.



RTSP

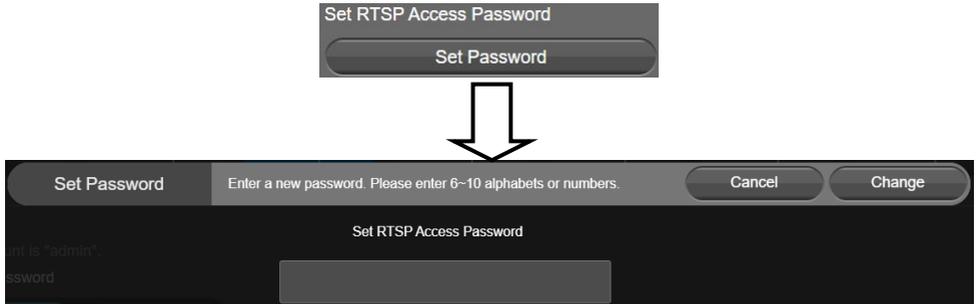
To use RTSP player connecting to the camera, please enter the RTSP URL which displays on the web in your application such as VLC, PotPlayer or Quick Time.

Select **On/Off** to enable/disable password requirement while opening RTSP.



Set RTSP Password

1. Select **Video Format > RTSP > Set RTSP Access Password > Set Password**.
2. Enter the new password.
3. Select **Change** to save the new password.

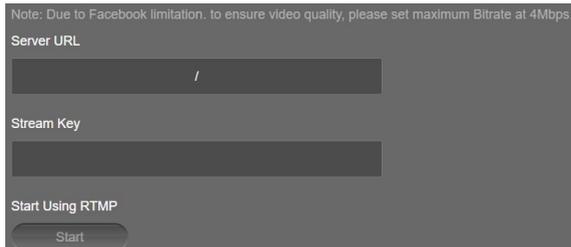


RTMP

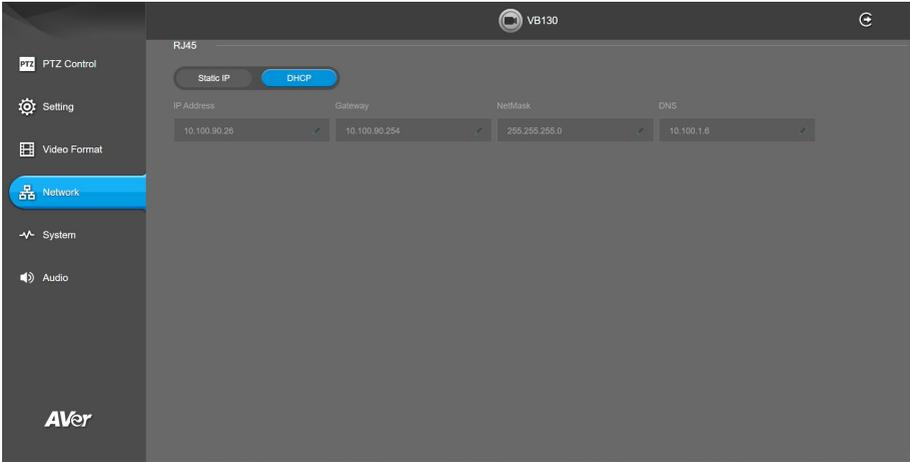
Set up for uploading the camera's live view to the broadcasting platform (e.g. YouTube).

Select **Video Format > RTMP**.

1. Locate the RTMP server URL and stream key from the broadcasting platform and enter in **Server URL** and **Stream Key** fields.
2. Select **Start** to begin uploading the live video of the camera to the broadcasting platform.
3. Select **Stop** to stop uploading the video.



Network Settings



RJ45

Select **Network** > **RJ45** > **Static IP** or **DHCP**.



■ **Static IP:** Assign a fixed IP address to the camera.

1. Select pencil icon and enter **IP Address**, **Gateway**, **NetMask**, and **DNS** in the corresponding fields.
2. Select **Confirm** to complete the setting.

IP Address	Gateway	NetMask	DNS
10.100.90.26	10.100.90.254	255.255.255.0	10.100.1.6

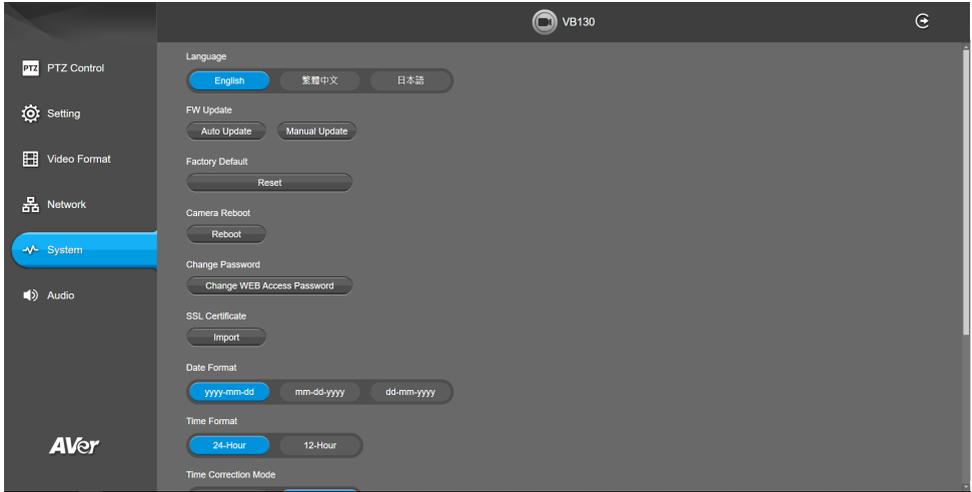


IP Address	Gateway	NetMask	DNS
10 100 90 26	10 100 90 254	255 255 255 0	10 100 1 6

Confirm

■ **DHCP:** Enable DHCP function.

System Settings



Language

Select the language of the system.

Select **System > Language > English, Traditional Chinese, or Japanese.**



Firmware Update

Update the camera's firmware.

Select **System > FW Update > Auto Update or Manual Update.**



- **Auto Update:** The system will check firmware version from AVer server and request to update.
- **Manual Update:** To update the firmware from specific location.

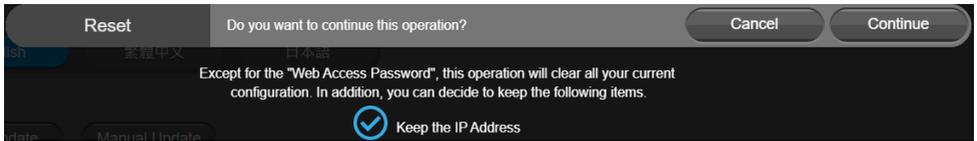
After updating, the camera will **reboot** and the connection will be lost. Please wait for few minutes and always keep the power cable connected. If unplugging the power during this process, it will cause damage of the device.

Factory Default

Reset the camera back to factory default setting.

1. Select **System > Factory Default > Reset**.
2. User can choose to keep current IP address or back to default.
3. Select **Continue** to reset back to factory default.

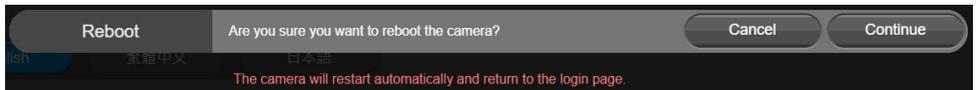
[Note] When factory default is activated, the password of web page login will not be set to default. For security concerns, to reset password of web page access, please download Room Management to reset it.



Camera Reboot

Restart the camera manually.

1. Select **System > Camera Reboot > Reboot**.
2. Select **Continue** to reboot the camera.



Change Password

Change the Web login password. The default password is “**aver4321**”.

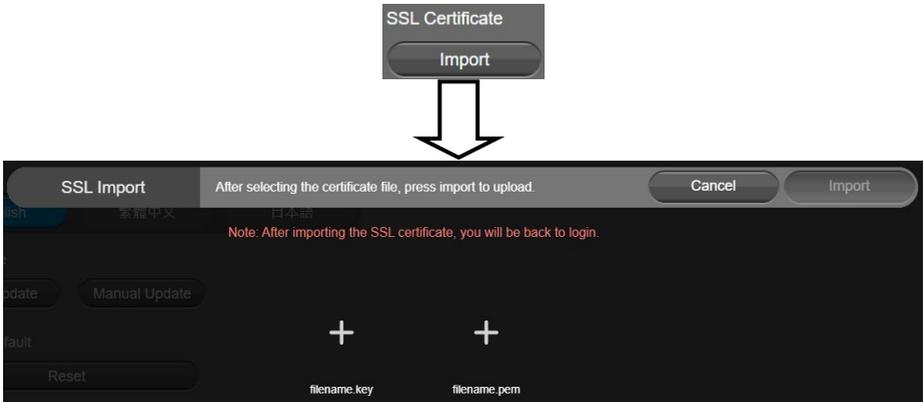
1. Select **System** > **Change Password** > **Change WEB Access Password**.
2. Enter the old account and password. Select **Continue**.
3. Enter the new account and password. Select **Continue** to save the new setting.
4. If users forget the password and want to revert back to the default password, please use Room Management to reset it.

The diagram illustrates the two-step process for changing the password. It starts with a button labeled "Change WEB Access Password" under the "Change Password" header. An arrow points down to the first form, which has the title "Change Password" and the instruction "Please enter old name & password for change." This form includes input fields for "Name" and "Password", and "Cancel" and "Continue" buttons. A second arrow points down to the next form, which has the title "Change Password" and the instruction "Please change new name & password for login." This form includes input fields for "Name (6-10 alphabets or numbers)" and "Password (6-10 alphabets or numbers)", and "Cancel" and "Continue" buttons.

SSL Certificate

Import the SSL certificate from specific location.

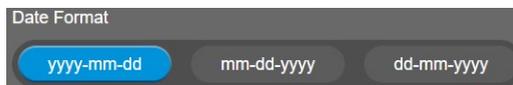
1. Select **System > SSL Certificate > Import**.
2. Select the type by clicking “+”.
3. Direct the file location.
4. Select **Import**.



Date Format

Select the date format.

Select **System > Date Format > yyyy-mm-dd, mm-dd-yyyy, or dd-mm-yyyy**.



Time Format

Set up the time format.

Select **System > Time Format > 24-Hour or 12-Hour**.



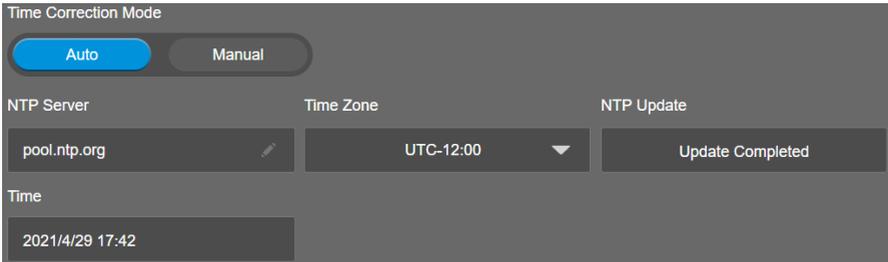
Time Correction Mode

Adjust time by auto or manual.

Select **System** > **Time Correction Mode** > **Auto** or **Manual**.

- **Auto:** The system time will be set by NTP server on the network. Select the pencil icon of NTP Server and enter the URL of NTP server. Select the **Time Zone**. Select **NTP Update** to save setting. Select **Confirm** to start auto time adjustment.

[Note] Our default NTP server is located in the USA. If this does not work in your country, please manually key in the desired NTP server.

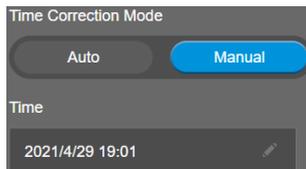


The screenshot shows the 'Time Correction Mode' interface. At the top, there are two buttons: 'Auto' (highlighted in blue) and 'Manual'. Below this, there are three main sections: 'NTP Server' with the value 'pool.ntp.org' and a pencil icon; 'Time Zone' with a dropdown menu showing 'UTC-12:00'; and 'NTP Update' with a button labeled 'Update Completed'. At the bottom, there is a 'Time' field displaying '2021/4/29 17:42'.

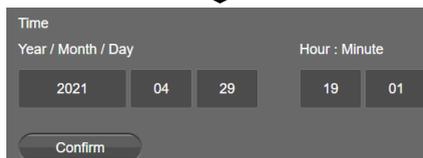


The screenshot shows the 'Time Correction Mode' interface. At the top, there are two buttons: 'Auto' and 'Manual' (highlighted in blue). Below this, there are three main sections: 'NTP Server' with the value 'pool.ntp.org'; 'Time Zone' with a dropdown menu showing 'UTC-12:00'; and 'NTP Update' with a button labeled 'Disconnect'. At the bottom, there is a 'Confirm' button.

- **Manual:** User can set up time manually. Select the pencil icon and enter the **Year**, **Month**, **Day**, **Hour**, and **Minute**. Select **Confirm** to save the settings.



The screenshot shows the 'Time Correction Mode' interface. At the top, there are two buttons: 'Auto' and 'Manual' (highlighted in blue). Below this, there is a 'Time' field displaying '2021/4/29 19:01' with a pencil icon.



The screenshot shows the 'Time' selection interface. It has a title 'Time' and two sections: 'Year / Month / Day' and 'Hour : Minute'. The 'Year / Month / Day' section has three input fields with values '2021', '04', and '29'. The 'Hour : Minute' section has two input fields with values '19' and '01'. At the bottom, there is a 'Confirm' button.

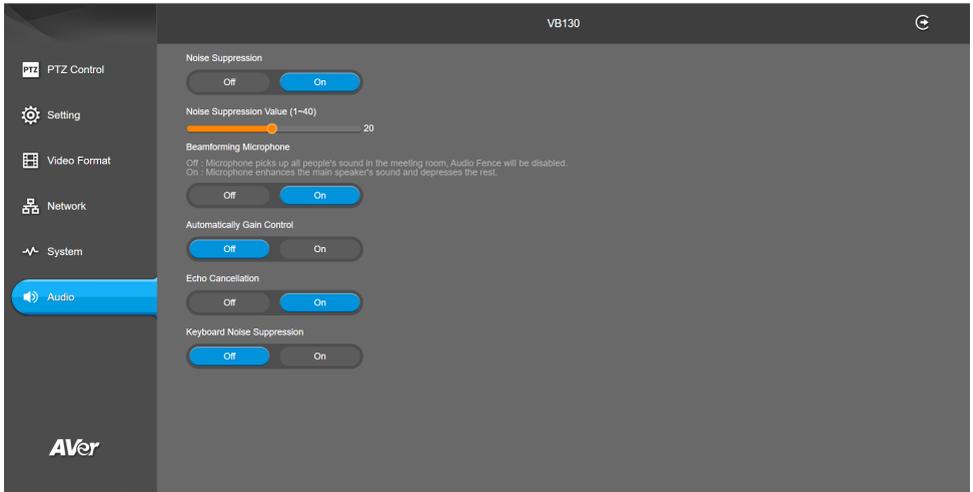
Information

Display the information of **Model Name**, **Firmware Version**, **Serial Number**, **IP Address**, and **MAC Address**.

Select **System > Information**.

Model Name	Firmware Version	Serial Number
VB130	0.0.7300.50	1234567890123
IP Address	MAC Address	
10.100.90.26	36:69:88:00:00:08	

Audio Settings

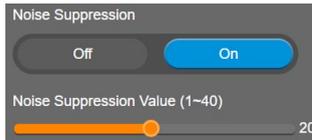


Noise Suppression

It is to reduce ambient noise.

Select **Audio > Noise Suppression > Off or On.**

When enabling the noise suppression function, please set value of noise suppression (1 ~ 40).

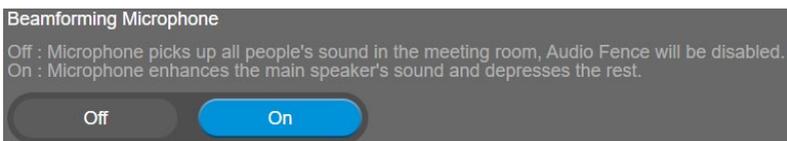


Beamforming Microphone

Enable/disable the beamforming microphone.

Select **Audio > Beamforming Microphone > Off or On.**

- **Off:** Microphone picks up all people's sound in the meeting room, Audio Fence will be disabled.
- **On:** Microphone enhances the main speaker's sound and depresses the rest.



Automatically Gain Control

Enable/disable the auto gain control. It is to control ambient sound level and maintain a suitable output, despite variation of the one at the input.

Select **Audio > Automatically Gain Control > Off or On.**



Echo Cancellation

Enable/disable echo situation.

Select **Audio > Echo Cancellation > Off or On.**



Keyboard Noise Suppression

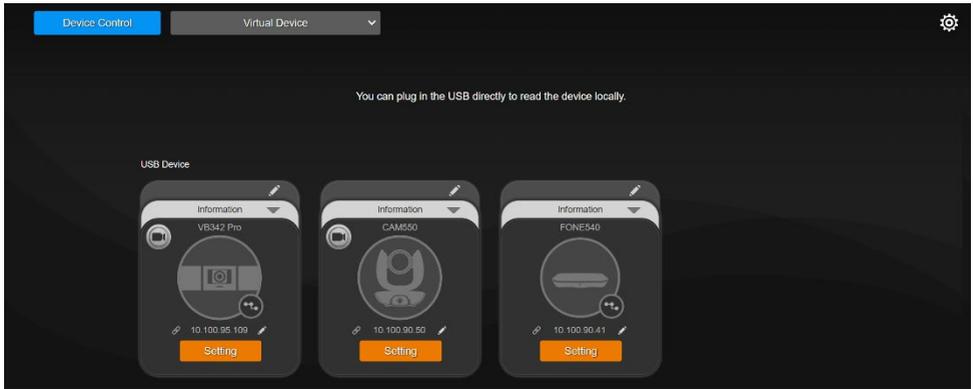
Enable/disable keyboard noise reduction.

Select **Audio > Keyboard Noise Suppression > Off or On.**



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.

