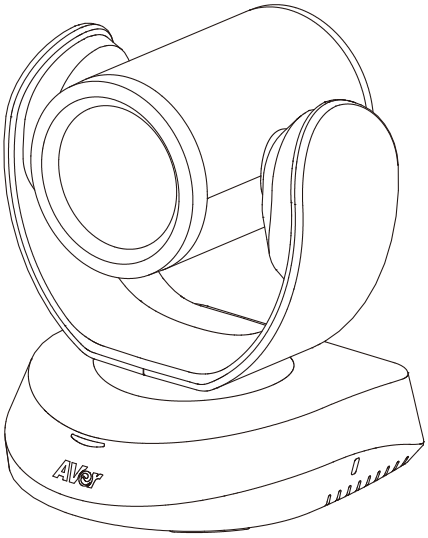


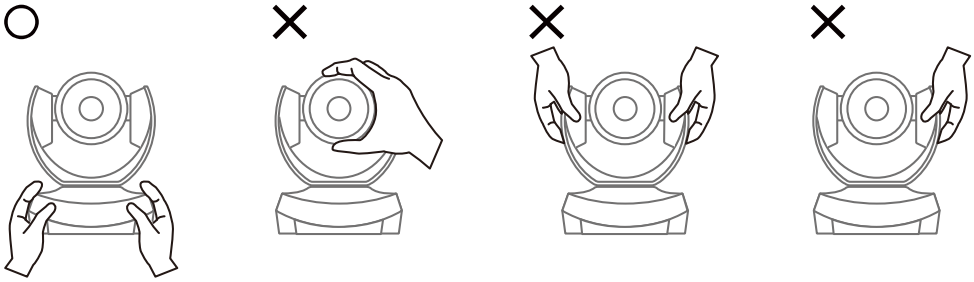
CAM520 Pro3

Conference Camera

— User Manual —

Firmware 0.0.9606.06

Warning



- Hold the bottom of the camera with both hands to carry the camera.
  Whether the camera is connected to power or not, do not grab any part of the lens or the lens holder to carry the camera or adjust pan and tilt.
- Do not drop the camera or subject it to physical shock.
- Ensure the power supply voltage is correct before using the 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.
- To reduce the risk of fire or electric shock, do not expose the camera to rain or moisture.
  Warranty will be voided if any unauthorized modifications are done to the camera.

Federal Communications Commission 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.

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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Overview

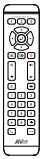
Package Contents



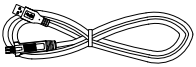
Camera



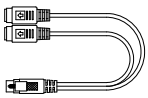
Power Adapter &
Power Plug



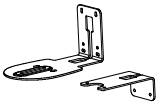
Remote Control



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



Mini Din 9 to Mini Din 8
RS-232 Adapter Cable



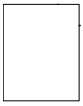
Wall Mount
Bracket (x2)



M4 x 8mm
Wall Mount Screw
(x2)

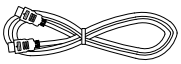


1/4"-20 L=7.5mm
Tripod Screw (x2)



Drill Template

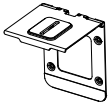
Optional Accessories



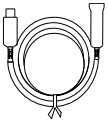
HDMI Cable (3 m)



Mini Din 8 to
D-Sub 9 Cable



Foldable TV
Mount



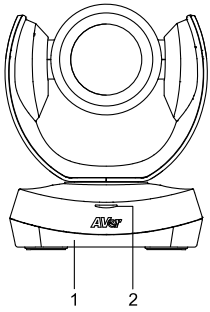
USB 3.1 Extender
10m/20m/30m



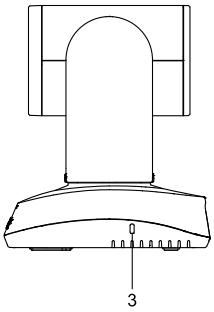
Ceiling Mount

*****Optional Accessories will vary depending on the country where it is sold.

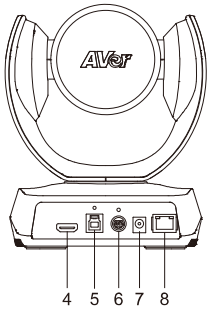
Parts Info



1. LED Indicator
2. IR Sensor



3. Kensington Lock

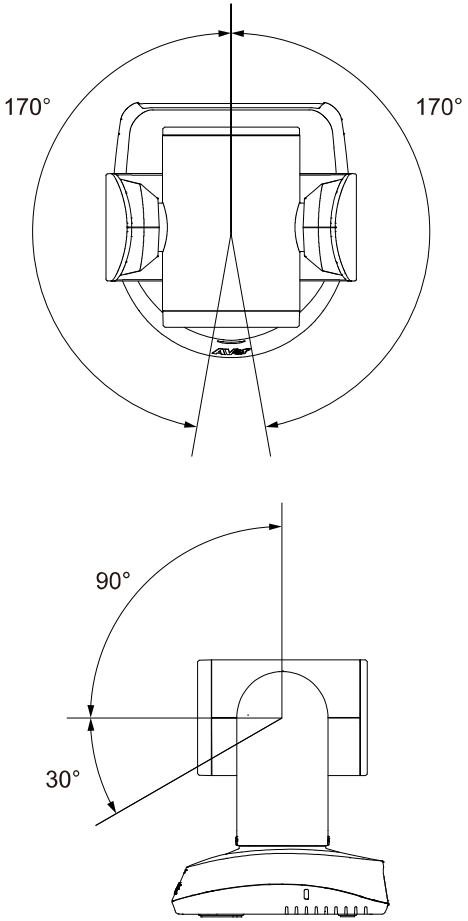


4. HDMI® Port
5. USB 3.1 Type-B Port
6. RS-232 In/Out Port
7. DC 12V Power Jack
8. PoE 802.3at Port (Cat5e FTP cable recommended)

LED Indicator

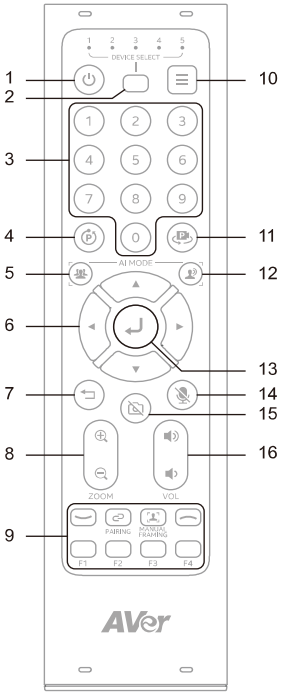
Color	Status
Solid red	Start-up
Solid orange	Standby
Solid blue	Video on

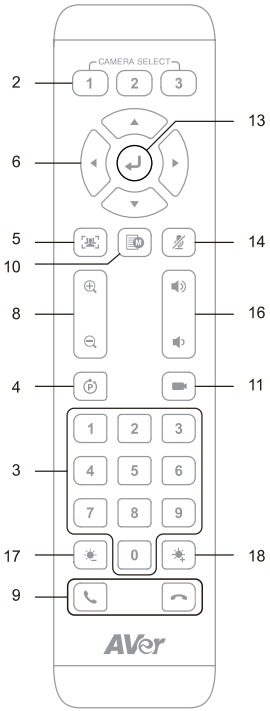
Pan and Tilt Angle



Remote Control

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





Name	Function
1. Power	N/A
2. Camera Select	No selection is required by default to operate the camera. • To assign a number to a camera, go to **Setting** > **Camera Binding** on the web interface or in **Room Management**.
3. Number Buttons 4. Preset	• To save a preset: Press and hold **Preset** until save message appears on screen, then press a **Number (0-9)**. • To load a preset: Press and hold **Preset**, then press a **Number (0-9)**.
5. SmartFrame	Press to frame entire group on screen. Press and hold to cycle through tracking modes. • 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	• Call/Answer: Start or answer a call. • Pairing: N/A • Manual Framing: N/A • Hang Up: End call. • F2: Press and hold to switch between DHCP and Static IP. • F1, F3 and F4: N/A
10. Menu	Open or close the OSD menu during HDMI output.
11. Load Preset	With each press, cycle through defined presets.
12. Audio Tracking	N/A
13. Enter	• Confirm a selection. • Display current AI function on closed caption.
14. Mute	N/A
15. Camera Off	N/A
16. Volume	N/A
17. Brightness -	Decrease the brightness.
18. Brightness +	Increase image brightness.

Shortcuts

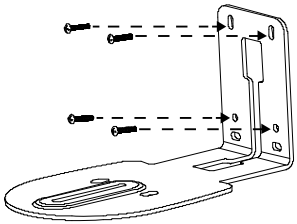
Press and Hold	To
1 for 2 seconds	Turn wide dynamic range (WDR) on or off.
5 for 2 seconds	Turn SmartFrame on or off.
8 for 2 seconds	Turn RTMP streaming on or off when RTSP and RTMP are turned on.
9 for 2 seconds	Enter sleep mode or wake up. Unavailable when streaming via USB.
for 6 seconds	Reboot.

Installation

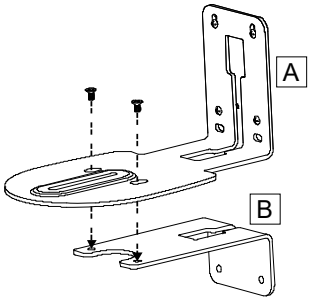
Wall Mount Installation

1. Use the drilling paper included in the package to drill the holes in the wall where the user wants to mount the camera.

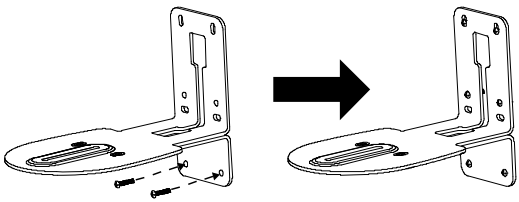
2. Use the screws (not included) to secure the L-mount bracket [A] on the wall.
   For Cement wall: M4 x20mm self-tapping screws (x4) + Plastic conical anchor
   For Wooden wall: M4 x20mm self-tapping screws (x4)



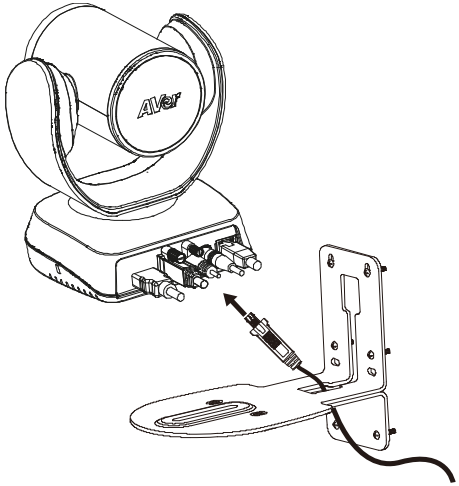
3. Then, assemble the L-mount brackets [A] + [B] with the included M4 x 8 mm screws (x2).



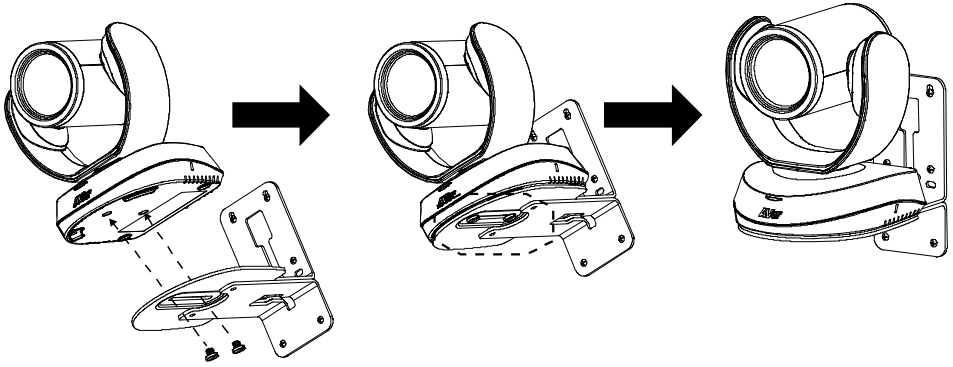
4. After assembling the L-mount brackets, use the screws (not included) t to secure the L-mount bracket [B] on the wall.
   For Cement wall: M4 x20mm self-tapping screws (x2) + Plastic conical anchor
   For Wooden wall: M4 x20mm self-tapping screws (x2)



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



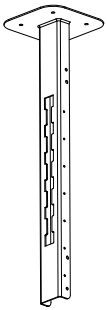
6. Use the included M4 x8mm screws (x2) to secure the camera on the L-mount brackets.



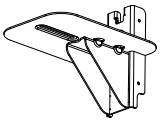
Ceiling Mount Installation (Optional)

Use the ceiling mount bracket to install the camera to the ceiling.

Package Content



Mount bracket x 1



Camera bracket x 1



Back cover x 1



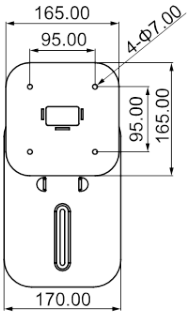
Screw (M4*8) x 8

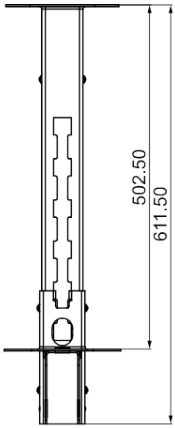


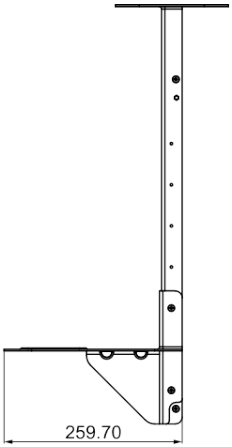
Washer x 8

Dimension

Unit=mm







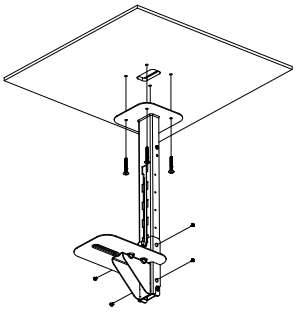
To mount the camera to the ceiling:

1. Drill the hole on the ceiling. Use screw to secure the mount bracket on the ceiling.

   Screw: 4 M6 x 50mm (Not included in package)

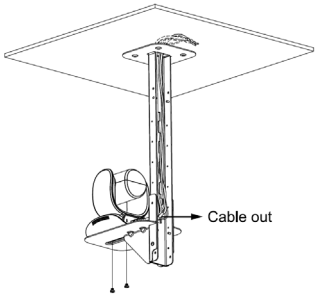
2. Use the supplied screws with washers to secure the camera bracket to the mount bracket.

   Screw: 4 M8 x 4 + 4 Washer



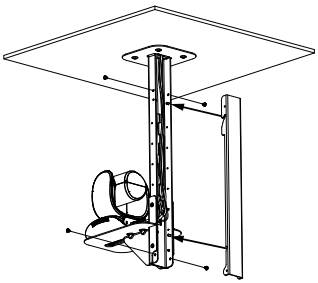
3. Connect all cables on the camera and pass all cables out through the hole on the mount bracket. Then, secure the camera on the camera bracket.

   Screw: 2 UNC-1/4"-20 (Not included in package)

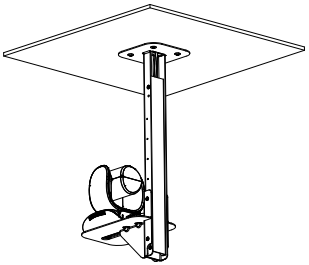


4. Organize all cables to go out from top or bottom of mount bracket.
5. Then, secure the back cover with screws and washer.

   Screw: 4 M8 x 4 + 4 Washer



6. Completed.



To mount the camera to the calcium silicate ceiling:

1. Please purchase support bracket for supporting camera mount bracket on calcium silicate ceiling. Then, secure the support bracket on the light steel frame structure.

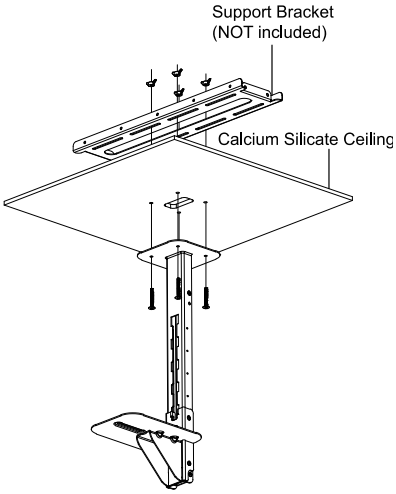
2. Drill the hole on the calcium silicate ceiling. Open a hole on the calcium silicate ceiling to allow camera cables to pass through.

3. Then, secure the mount bracket, calcium silicate ceiling and support bracket together.

   Screw: 4 Wingnut + 4 M6x50mm (Not included in package)

4. Use the supplied screws with washers to secure the camera bracket to the mount bracket.

   Screw: 4 M8 x 4 + 4 Washer

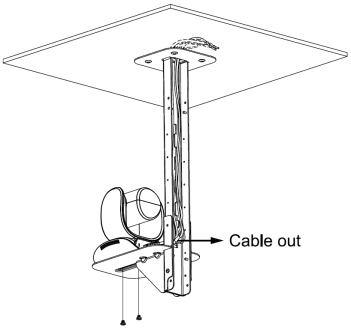


---

5. Connects all cables on the camera and pass all cables through the hole on the mount bracket. Organize all cables to pass through the hole on the ceiling. Also, the cable can go out from top or bottom of mount bracket.

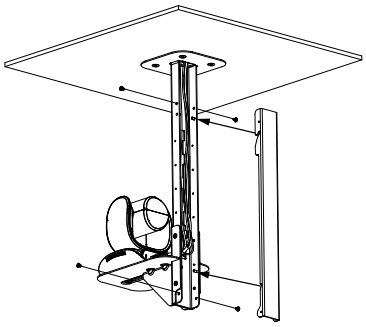
6. Then, secure the camera on the camera bracket.

   Screw: 2 UNC-1/4"-20 (Not included in package)

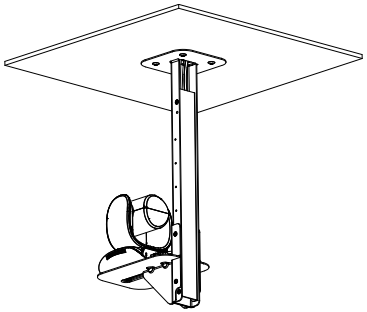


7. Next, secure the back cover with screws and washer.

   Screw: 4 M8 x 4 + 4 Washer

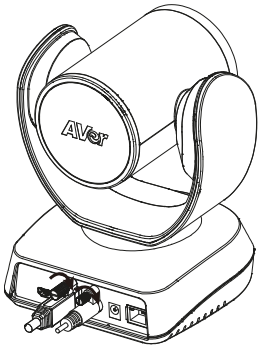


8. Completed.



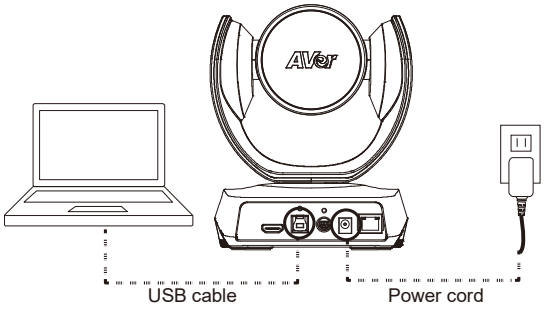
Secure the Cables

Plug in your USB cable or RS-232 cable and tighten the cable screw to secure.



Connection

Device Connection

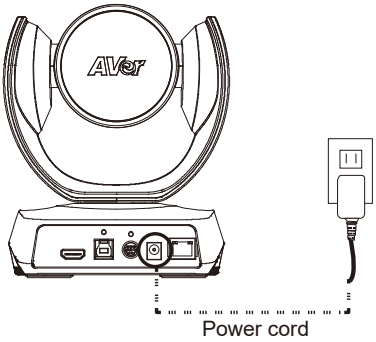


- Use the included USB cable.
- The USB 3.1 port is compatible with USB 2.0.

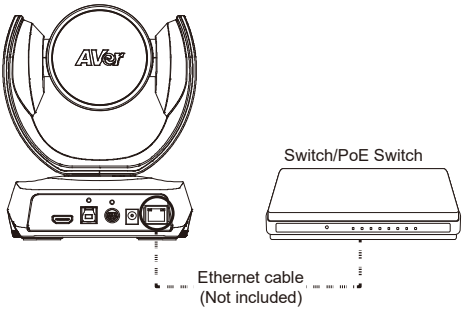
Maximum resolution/fps for USB 2.0 and USB 3.1 ports:

USB 2.0		USB 3.1		HDMI
YUV	M-JPEG	YUV	M-JPEG	
- 640x480 or less, up to 30fps - 720p, up to 10fps	- 1080p/60fps	- Up to 1080p/30fps - 720p/60fps	- 1080p/60fps	- 1080p/60fps - 1080p/30fps

Power Connection



Connect the included power adapter and power cord to a wall outlet.

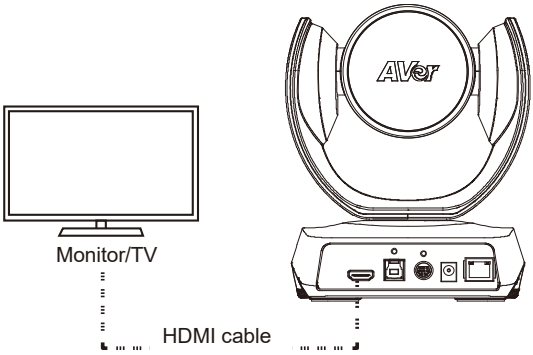


Or connect a CAT 5e FTP cable (not included) to the PoE Switch or Ethernet.

- PoE port is compatible with IEEE 802.3at.
- When streaming over IP, use a CAT 5e FTP cable (not included) for a smooth video.

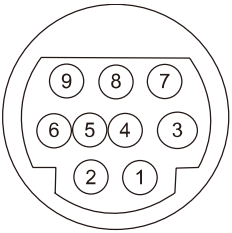
HDMI Connection

Connect with TV or monitor through the HDMI port to display camera video on the screen.



RS-232 Connection

RS-232 Port Pin Definition

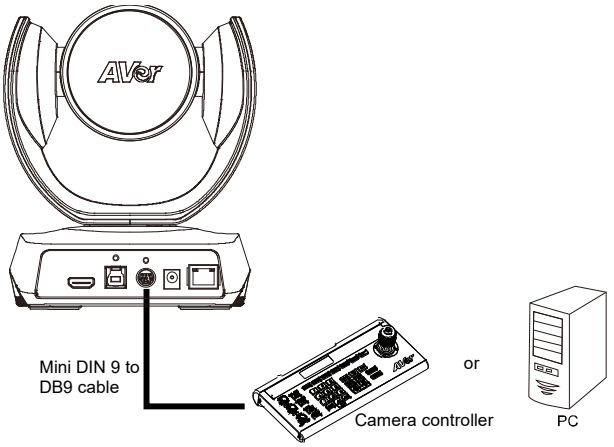


Function	Mini DIN9 PIN #	I/O Type	Signal	Description
VISCA IN	1	Output	DTR	Data Terminal Ready
	2	Input	DSR	Data Set Ready
	3	Output	TXD	Transmit Data
	6	Input	RXD	Receiver Data
VISCA OUT	7	Output	DTR	Data Terminal Ready
	4	Input	DSR	Data Set Ready
	8	Output	TXD	Transmit Data
	9	Input	RXD	Receiver Data
	5	---	---	Not connect

Computer/Keyboard Controller and Camera Connection

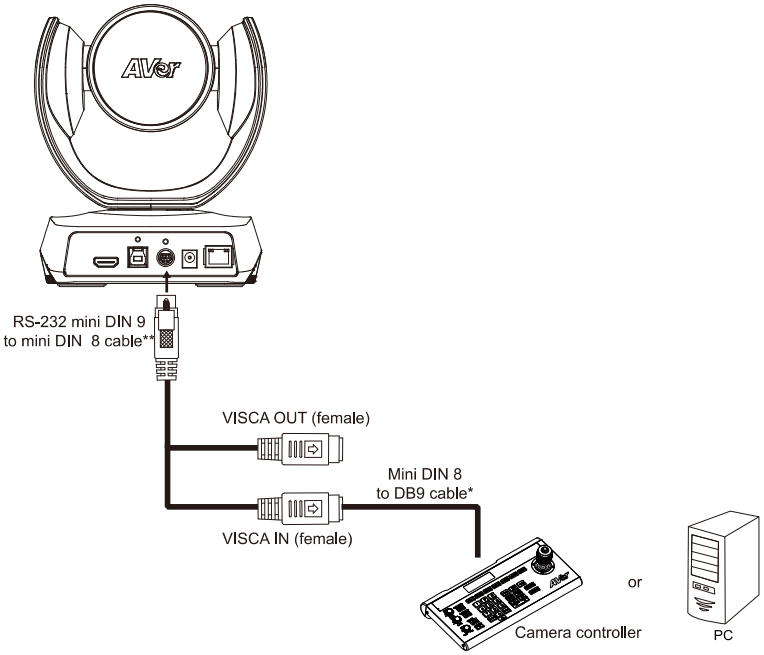
Direct Connection

If users do not use AVer RS-232 adapter cable, please refer to the pin connection shown below.



Mini DIN9		**DB9**
Camera		Camera controller, PC
1. DTR (IN)	→	6. DSR
2. DSR (IN)	→	4. DTR
3. TXD (IN)	→	2. RXD
6. RXD (IN)	→	3. TXD
7. DTR (OUT)		1. DCD
4. DSR (OUT)		5. GND
8. TXD (OUT)		7. RTS
9. RXD (OUT)		8. CTX
		9. RI

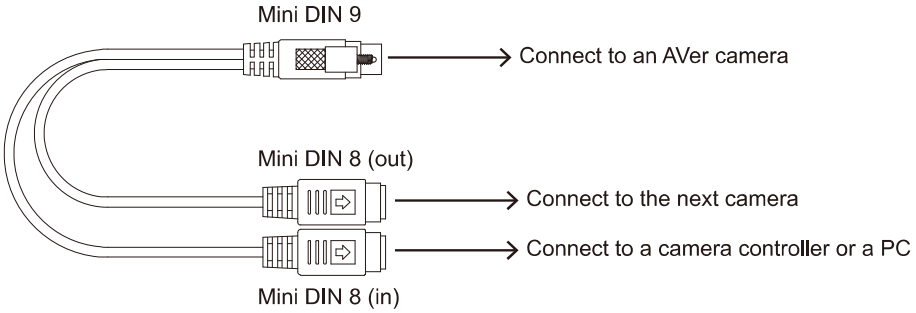
Use the supplied RS-232 mini DIN 9 to mini DIN 8 cable



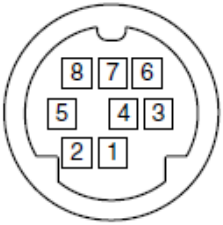
DB9		**Mini DIN8**
Camera controller, PC		Camera
1. DCD		6. GND (IN)
2. RXD	→	3. TXD (IN)
3. TXD	→	5. RXD (IN)
4. DTR	→	2. DSR (IN)
5. GND	→	4. GND (IN)
6. DSR	→	1. DTR (IN)
7. RTS		
8. CTX		1. DTR (OUT)
9. RI		2. DSR (OUT)
		3. TXD (OUT)
		4. GND (OUT)
		5. RXD (OUT)
		6. GND (OUT)

*** Mini DIN 8 to D-Sub 9 (DB9) cable is an optional item.**

**** RS-232 mini DIN 9 to mini DIN 8 Cable Pin Definition**



Mini DIN 8 Pin Definition



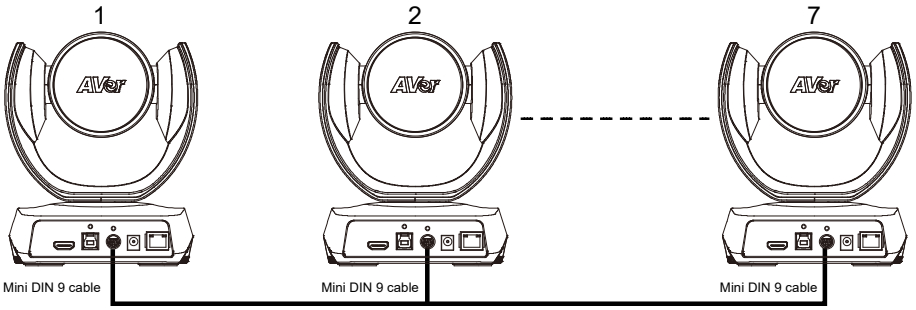
No.	Pin
1	DTR
2	DSR
3	TXD
4	GND
5	RXD
6	GND
7	NC
8	NC

Camera Cascade Connection

Direct Connection

If users do not use AVer RS-232 adapter cable, please refer to the pin connection shown below for cascading cameras.

Total can connect up to 7 cameras.

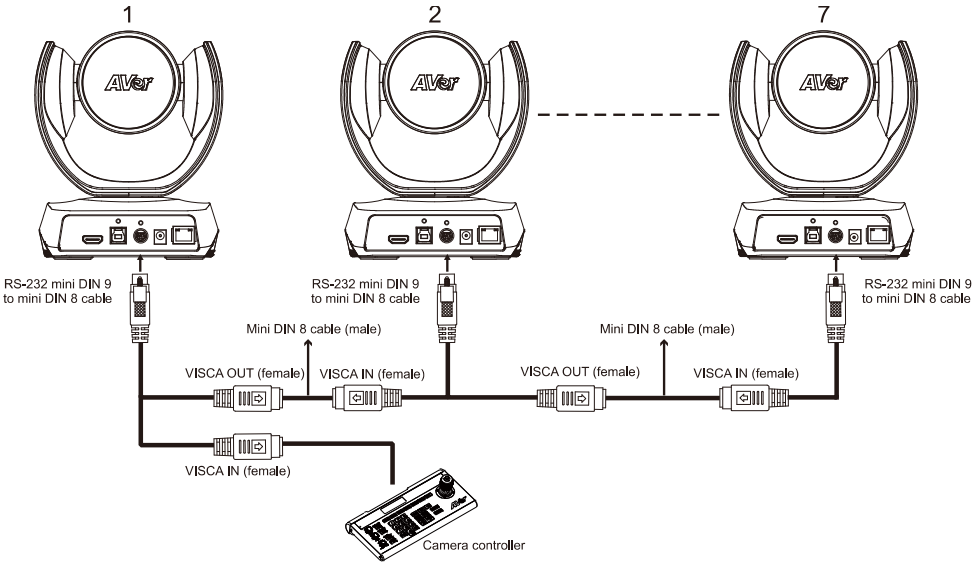


Mini DIN9 Camera 1		**Mini DIN9** Camera 2
1. DTR (IN)		7. DTR (OUT)
2. DSR (IN)		4. DSR (OUT)
3. TXD (IN)		8. TXD (OUT)
6. RXD (IN)		9. RXD (OUT)
7. DTR (OUT)	→	2. DSR (IN)
4. DSR (OUT)	→	1. DTR (IN)
8. TXD (OUT)	→	6. RXD (IN)
9. RXD (OUT)	→	3. TXD (IN)
SHIELD	→	SHIELD

Use the RS-232 mini DIN 9 to mini DIN 8 cable

Total can connect up to 7 cameras.

To facilitate the camera cascade, users can use AVer RS-232 adapter cable.
Connect camera with AVer mini DIN 9 to mini DIN 8 adapter cable. Connect the mini DIN 8 female side to male mini DIN 8 Visca cable (Users have to buy it in the market) and then connect AVer mini DIN 9 to mini DIN 8 adapter cable again to connect to next camera.



Mini DIN8		**Mini DIN8**
Camera 1		Camera 2
1. DTR (IN)		1. DTR (OUT)
2. DSR (IN)		2. DSR (OUT)
3. TXD (IN)		3. TXD (OUT)
4. GND (IN)		4. GND (OUT)
5. RXD (IN)		5. RXD (OUT)
6. GND (IN)		6. GND (OUT)

1. DTR (OUT)	→	2. DSR (IN)
2. DSR (OUT)	→	1. DTR (IN)
3. TXD (OUT)	→	5. RXD (IN)
4. GND (OUT)	→	4. GND (IN)
5. RXD (OUT)	→	3. TXD (IN)
6. GND (OUT)		6. GND (IN)

Get Started

Make a Video Call

The CAM520 Pro3 is a plug-n-play device. Open your video conferencing software and select the CAM520 Pro3 for **Video**.

Access the Web Interface

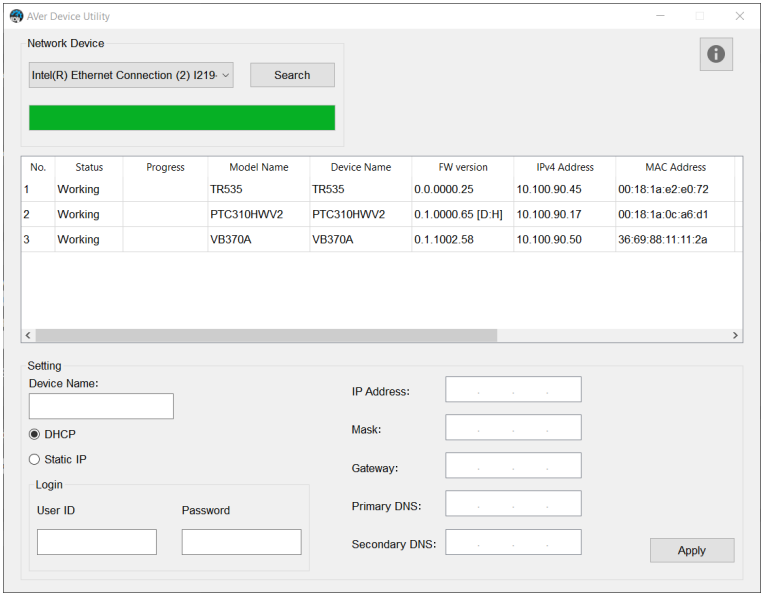
To access the web interface of your device, you can use any of the following software to find its IP address:

- AVer Device Utility
- Room Management

Note:

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

AVer Device Utility



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:

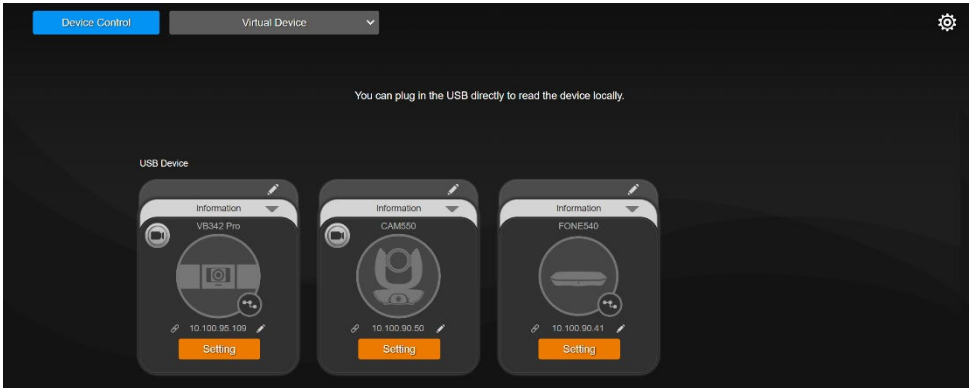
1. Select the checkbox of your device.

2. Enter the default or changed 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.

2. Connect your device to your computer with the included USB cable. You 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**.

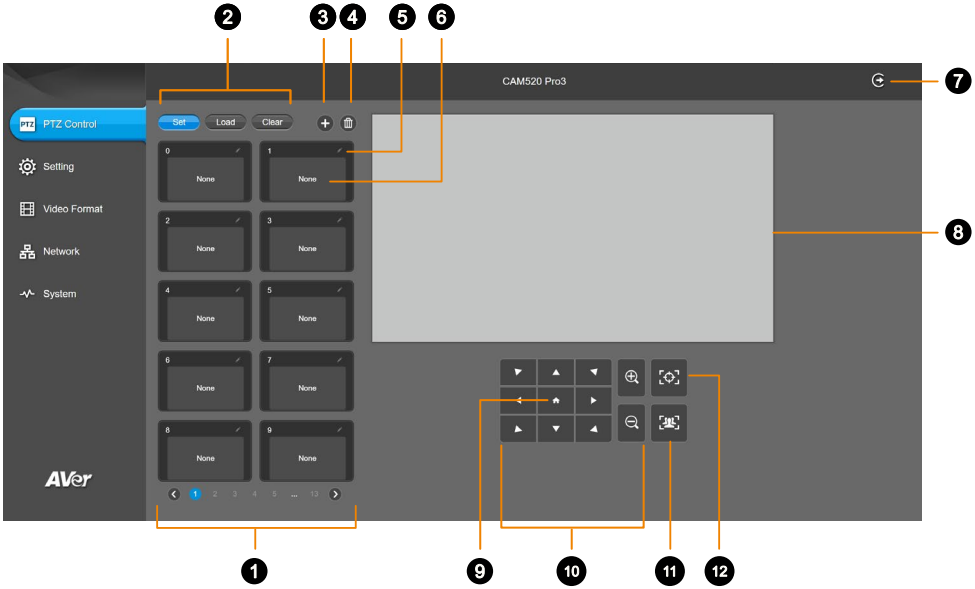
Log In for the First Time

When you log in for the first time, enter the default password **aver4321**. You will be prompted to 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 (!$%'()*+,-./<=>?@[\]^_{}~).

Web Interface

PTZ Control



1. **Presets 0-9**

2. **Preset Function Buttons**
Save, load and clear a preset.

3. **Add Available Presets**
There are 10 available presets 0-9 by default. Click the plus icon to add up to 128 available presets.

4. **Delete Available Presets**
Click a trashcan icon to delete available presets.

5. **Name**
Click the pencil icon to name a preset.

6. **Preset Thumbnail**

7. **Log Out**
Log out of your account and close the web interface.

8. **Live View**

9. **Pan-Tilt Reset**
Reset the pan-tilt position to the center.

10. **Directional Pad and Zoom**

11. **SmartFrame**
Click the SmartFrame icon to frame entire group on screen and remove excess space.

Note: The SmartFrame icon appears on video when turned on. To hide the icon, go to the **Setting** tab > **On-Screen Menu** > **Off** on the web interface.

12. **One-Touch Focus**
Click to autofocus once.

Save, Load and Clear a Preset

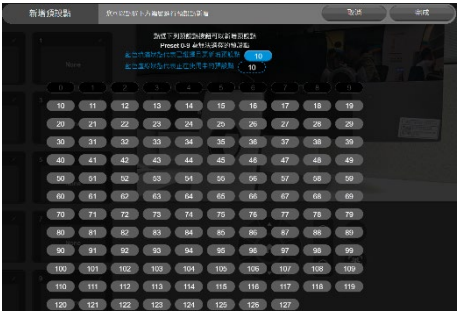


To save a preset:

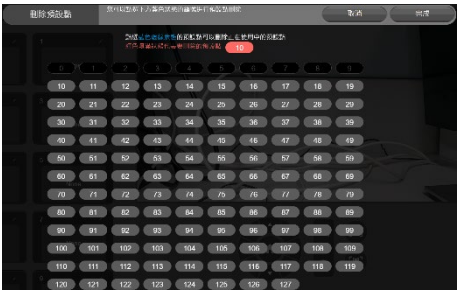
1. Use the pan, tilt and zoom controls to position your camera.
2. Select **Set**, then a preset number to save that position.
3. Select **Yes** when prompted. A thumbnail of your preset will appear.

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

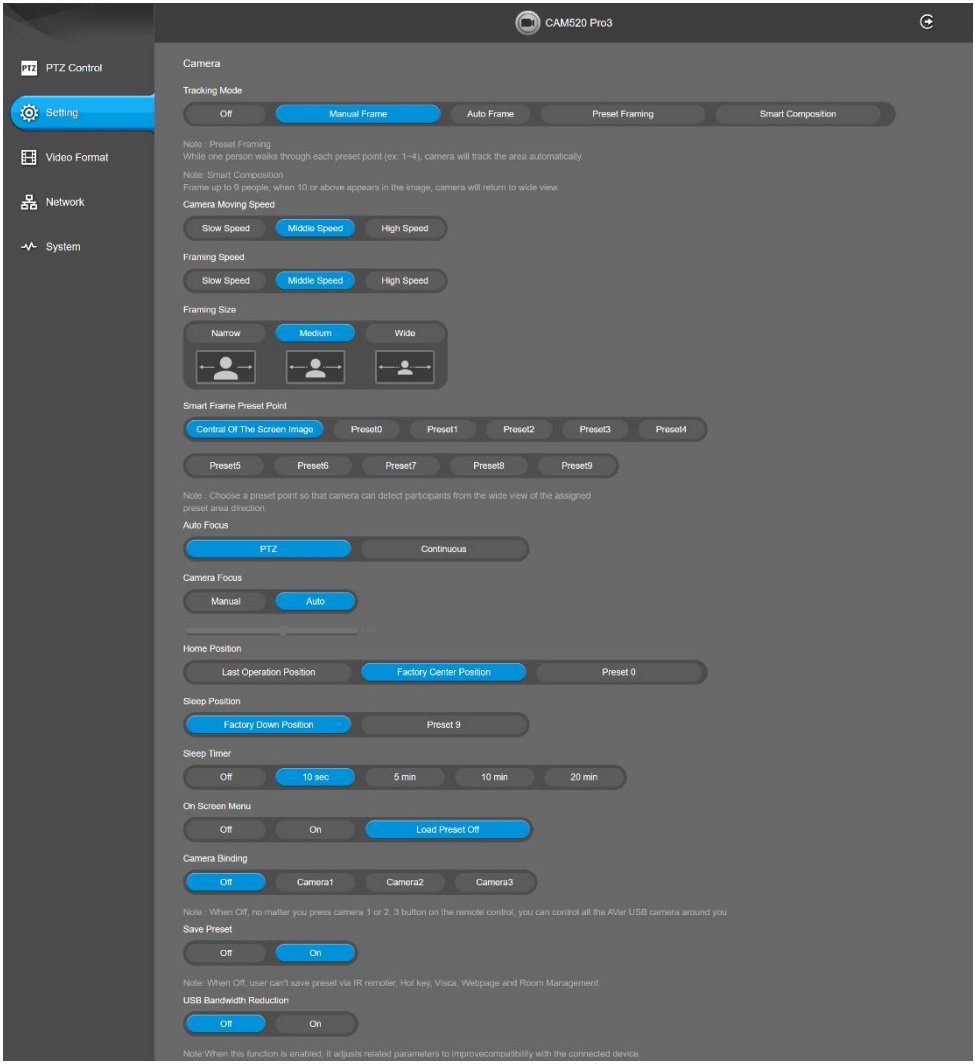
To add an available presets:

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**.

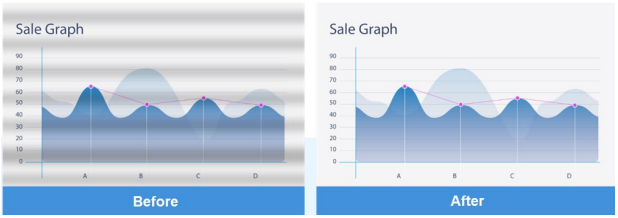
Setting


CAM520 Pro3
PTZ Control
Setting
Video Format
Network
System
Camera
Tracking Mode
Off
Manual Frame
Auto Frame
Preset Framing
Smart Composition
Note : Preset Framing
While one person walks through each preset point (ex. 1~4), camera will track the area automatically.
Note: Smart Composition
Frame up to 9 people, when 10 or above appears in the image, camera will return to wide view.
Camera Moving Speed
Slow Speed
Middle Speed
High Speed
Framing Speed
Slow Speed
Middle Speed
High Speed
Framing Size
Narrow
Medium
Wide
Smart Frame Preset Point
Central Of The Screen Image
Preset0
Preset1
Preset2
Preset3
Preset4
Preset5
Preset6
Preset7
Preset8
Preset9
Note : Choose a preset point so that camera can detect participants from the wide view of the assigned preset area direction.
Auto Focus
PTZ
Continuous
Camera Focus
Manual
Auto
Home Position
Last Operation Position
Factory Center Position
Preset 0
Sleep Position
Factory Down Position
Preset 9
Sleep Timer
Off
10 sec
5 min
10 min
20 min
On Screen Menu
Off
On
Load Preset Off
Camera Binding
Off
Camera1
Camera2
Camera3
Note : When Off, no matter you press camera 1 or 2, 3 button on the remote control, you can control all the AVer USB camera around you.
Save Preset
Off
On
Note: When Off, user can't save preset via IR remoter, Hot key, Visca, Webpage and Room Management.
USB Bandwidth Reduction
Off
On
Note:When this function is enabled, it adjusts related parameters to improvecompatibility with the connected device.

Camera

Item	Description
Tracking Mode	Select a tracking mode. Refer to <Tracking Mode> for details.
Camera Moving Speed	Select a camera moving speed.
Framing Speed	Select a duration 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 include or remove excess space on either side of the subject.
SmartFrame Preset Point	Select a position as the detection area when using SmartFrame to frame entire group on screen.
Autofocus	Automatically focus after each pan, tilt and zoom, or automatically focus continually.
Camera Focus	Adjust the focal length manually by dragging the slider or automatically.
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 duration before standby mode. ● When transmitting video over USB, RTSP or RTMP, 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.
Camera Binding	No setup is required to operate the camera. ● When camera binding is turned off (default), all selections on the remote control can operate the camera. ● Or select **Camera 1**-**Camera 3** to assign the camera to a camera select button 1-3 on the remote control.
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, hotkeys or VISCA commands.
USB Bandwidth Reduction	Turn on to improve compatibility with connected devices by adjusting related parameters.

Image

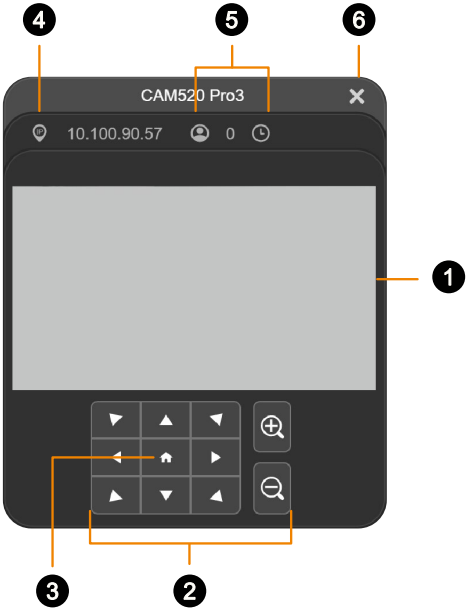
Item	Description
Image Flip	Flip the image vertically.
Image Mirror	Flip the image horizontally.
WDR	Turn wide dynamic range (WDR) on or off.
Flicker Decrease on IFP / Monitor	Turn Flicker Decrease on IFP / Monitor on or off. 
Frequency	Select a frequency.
White Balance	Select a white balance setting: ● Manual: Adjust the white balance manually by dragging the slider. ● Auto White Balance (AWB): Adjust the white balance automatically. ● Auto Tracking White Balance (ATW): Detect ambient lighting and adjust the white balance dynamically.
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.
Low Resolution under 720p (except 848*480)	Enable to transmit video in 720p or lower.
Enlarge Total Zoom Up to 36x	Enable or disable Enlarge Total Zoom Up to 36x. The default is 24X.
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 views opens automatically in the **Setting** tab.
- To open the floating live view again after closing, click on the **camcorder** icon on top of **Setting**, **Video Format**, **Network** and **System** tabs.



1. **Live View**

2. **Directional Pad and Zoom**

3. **Pan-Tilt Reset**

Reset the pan-tilt position to the center.

4. **IP Address**

5. **Head Count and Video Transmission Duration**

Click the head count icon to display head count and the duration of your video transmission. Click the icon again to hide the information.

6. **Close**

Click the X icon to close the floating live view and stop transmitting video.

Tracking Mode

Manual Frame



Frames entire group on screen once.
Press the **SmartFrame** button on the remote control.

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.

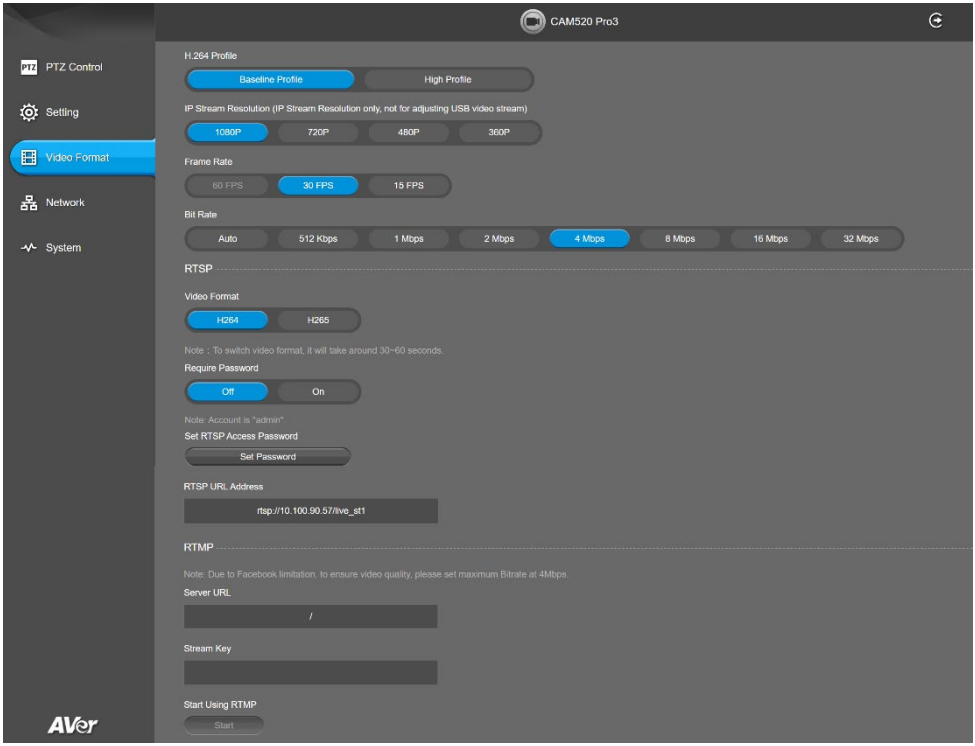
Smart Composition



Creates a close-up frame for each participants and present them in a single stream composited gallery.

- Smart Composition frames up to 9 people. If more than 9 are on screen, the camera frames entire group on screen.
- You can set a detection area for Smart Composition in the **Setting** tab > **SmartFrame Preset Point**.

Video Format



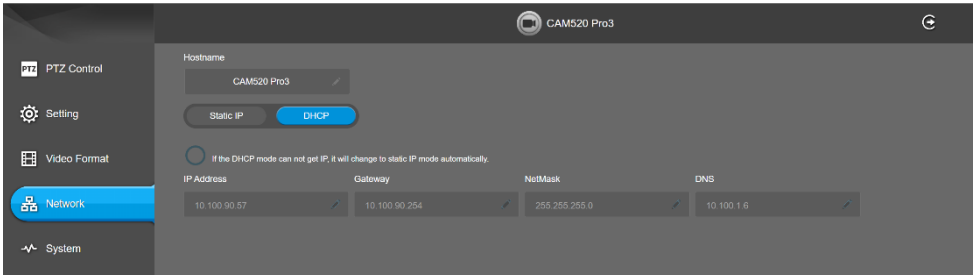
Item	Description
H.264 Profile	Select a profile for streaming live.
IP Stream Resolution	Select a resolution for streaming over IP.
Frame Rate	Select a frame rate.
Bit Rate	Select a bit rate. ● To live stream on Facebook, we recommend a bit rate under 4Mbps.

RTSP and RTMP

Item		Description
RTSP	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.
	RTSP URL Address	Displays RTSP URL address.
RTMP	Server URL	Copy and paste your video platform's server URL and stream key.
	Stream Key	

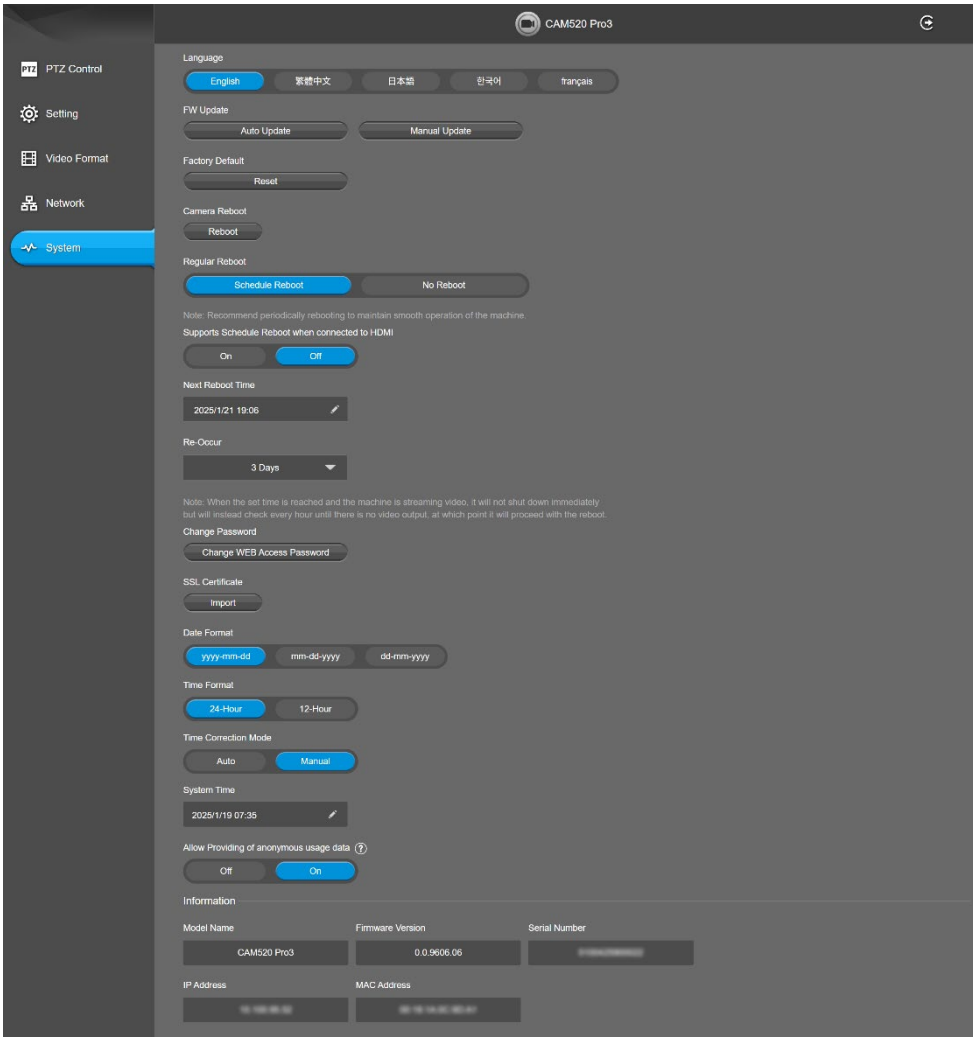
	Start Using RTMP	Click **Start** to start streaming, **Stop** to stop streaming.

Network



Item	Description
Hostname	Click the pencil icon to edit a hostname. Use upper and lowercase letters and numbers.
Static IP, DHCP	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

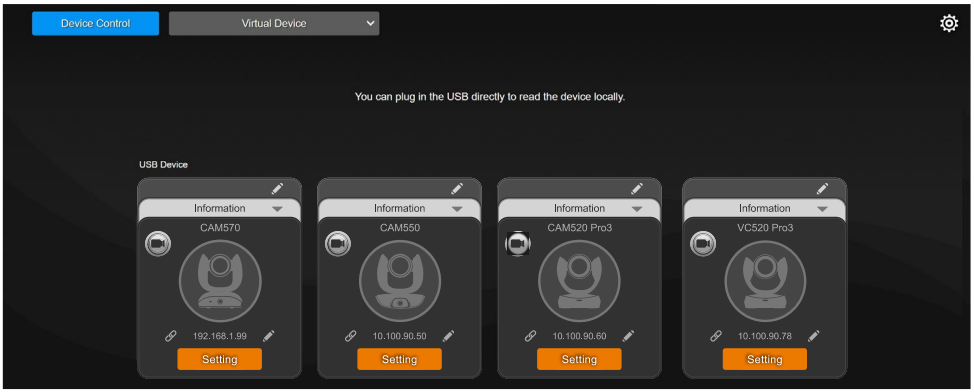


Item	Description
Language	Select a language for the web interface.
Firmware Update	Update your camera's firmware. ● Auto Update: Checks and updates online. ● Manual Update: Update the firmware using a file offline. **Note:** The camera will reboot and the connection will be lost. Please wait a few minutes and keep the power cable

	connected. Unplugging the cable during this process may damage the device.
Factory Default	Reset your camera to factory default settings. You can choose to keep the IP address by selecting the checkmark. ● If you forgot your password, use Room Management to reset the web interface password to the default **aver4321**.
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.
Next Reboot	
Re-Occur	
Supports Schedule Reboot when connected to HDMI	Turn on to allow scheduled reboot during HDMI output.
Change Password	Change the web interface password.
SSL Certificate	Upload an SSL certificate.
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.
Allow Providing of Anonymous Usage Data	Opt-in or opt-out of providing usage data.
Information	Displays your camera information such as IP address.

Room Management

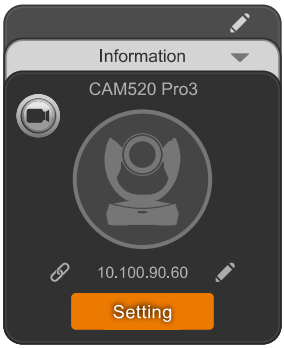
Configure Settings on Room Management



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.

2. Connect your device to your computer using the included USB cable. You device should appear under the **Device Control** page.

3. Click **Setting** to control video settings.



EZLive

EZLive is a software program that allows you to record videos from the camera or your PC screen, and upload live streaming to the streaming platforms. Please go to https://www.aver.com/Downloads/search?q=EZLive to download the AVer EZLive software. After downloading, double-click on the file and follow the on-screen instructions to complete the installation.

During a video call, you can use EZLive to:

(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

