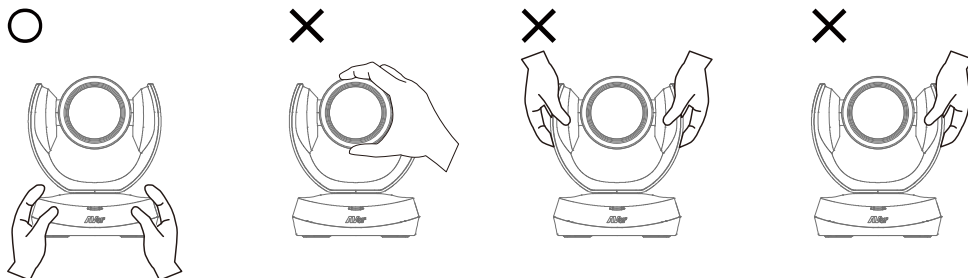


VC520 Pro3

Video Conference System

— **User Manual** —

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.

PSTI Statement of Compliance

Please refer to the following website: <https://www.aver.com/product-security-advisory>

VCCI-A

この装置は、クラス A 機器です。この装置を住宅環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

(注)本製品同梱の電源ケーブルは、本製品同梱の電源アダプタでのみ使用してください。

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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>

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Contents

Warning.....	2
Overview	1
Package Contents	1
Optional Accessories	2
Pan and Tilt Angle.....	2
Parts Info	3
LED Indicators	5
Remote Control.....	6
Connections	7
Device Connection	7
Expansion Speakerphone or Expansion Microphone Connection	9
Phone Connection	10
RS-232 Connection	11
Camera RS-232 Port Pin Definition	11
Computer/Keyboard Controller and Camera Connection.....	12
Direct Connection	12
Camera Cascade Connection	15
Installation	17
Audio Signal Receive Range.....	17
Wall Mount Installation.....	18
Get Started	21
Make a Video Call.....	21
Access the Web Interface.....	21
AVer IP Finder	21
Room Management.....	23
Log In for the First Time	24
Web Interface.....	25

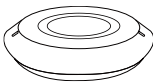
PTZ Control	25
Overview of PTZ Control	25
Save, Load and Clear a Preset	26
Add and Delete Available Presets (Presets 10-127)	26
Setting.....	27
Overview of the Floating Live View	30
Tracking Mode	31
Video Format	32
Network.....	33
System.....	34
Audio.....	36
Preset Link.....	37
Room Management.....	38
Configure Settings on Room Management	38
EZLive	39

Overview

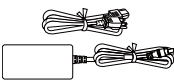
Package Contents



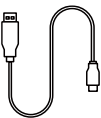
Camera



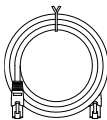
Main Speakerphone



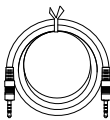
Power Adapter &
Power Cord



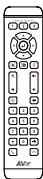
USB 2.0 Type-B to
Type-A Cable (5 m)



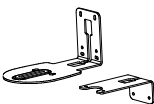
Camera-to-Speakerphone
Cable (10 m)



3.5 mm Audio Cable
(0.9 m)



Remote Control



Wall Mount
Bracket (x2)



M4 x 8 mm
Screw (x2)

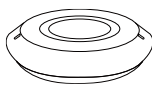


1/4\"-20 L=7.5 mm
Screw (x2)



Drill Template

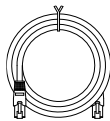
Optional Accessories



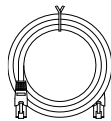
Expansion
Speakerphone



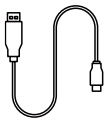
Expansion
Microphone



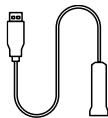
Camera-to-
Speakerphone
Cable (20 m)



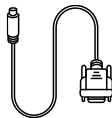
Expansion
Speakerphone/
Microphone Cable
(5 / 10 / 20 m)



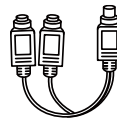
USB 3.1 Type-B to
Type-A Cable (3 m)



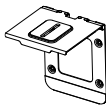
USB 3.1 Fiber
Extender (10 m)



Mini Din 9 to D-SUB9
RS-232 Adapter



Mini Din 9 to Mini
DIN8 RS-232 Adapter



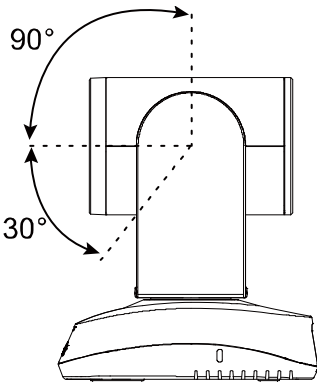
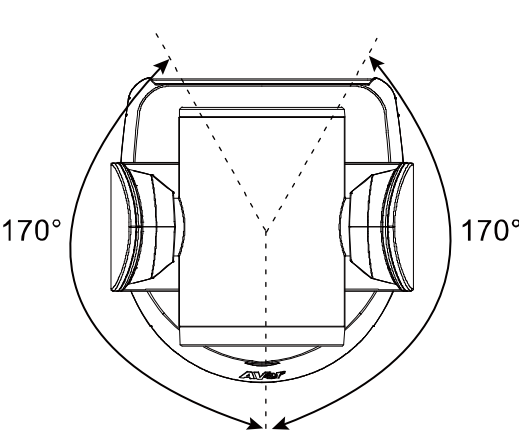
Foldable TV Mount



Ceiling Mount
(Upside Down
Installation)

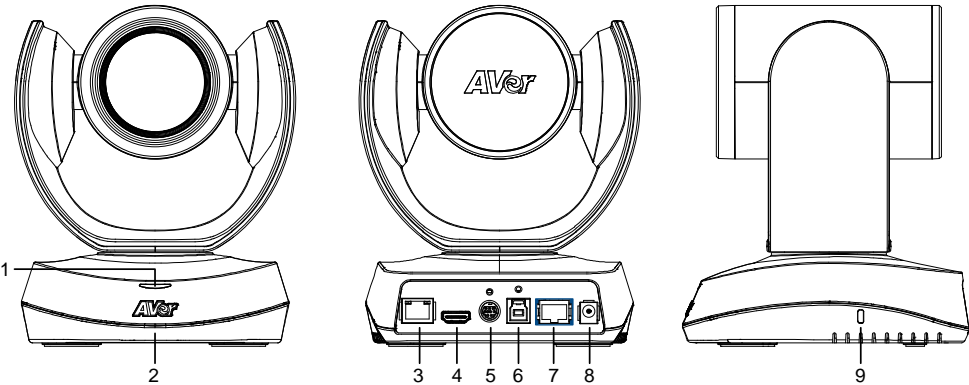
* For details on optional accessories, consult your local dealer.

Pan and Tilt Angle



Parts Info

- Camera



1. Status LED

2. IR Sensor

3. Ethernet Port

4. HDMI Out Port

5. RS-232 In/Out Port

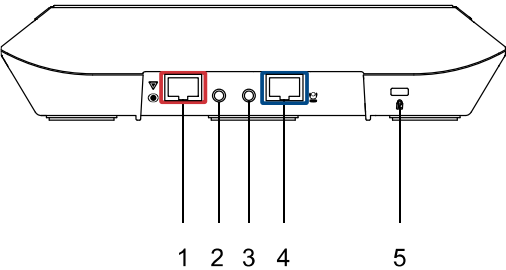
6. USB 3.1 Type B Port

7. VC520 Pro 3 Speakerphone Port (blue)

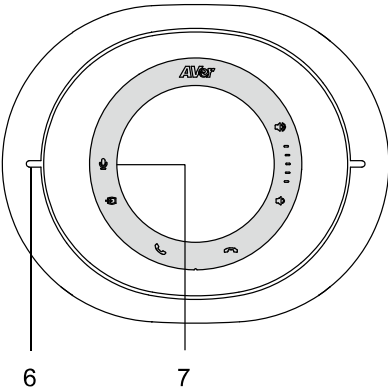
8. DC Power Jack

9. Kensington Lock

● VC520 Pro 3 Speakerphone



- 1. Expansion Port (red)
- 2. Phone In Port
- 3. Line Out Port
- 4. Camera Port (blue)
- 5. Kensington Lock



- 6. VC520 Pro 3 Speakerphone Indicator
- 7. Control Panel

Tap the icons to:

- Mute, unmute microphone
- Turn phone in on or off
- Answer call
- End call
- Volume down, tap and hold to mute speaker
- Volume up, tap to unmute speaker

LED Indicators




- Camera

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

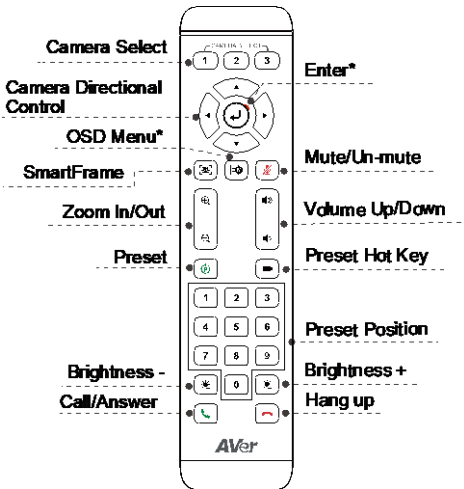
- VC520 Pro 3 Speakerphone

Color	Status
Solid blue	Normal
Solid orange	Standby
Solid red	Microphone muted
No light	Power off

- Control Panel

Color	Status	
	Solid blue	Unmuted
	Solid red	Muted
	Solid blue	Phone in on
	Solid white	Phone in off
	No light	Not connected to audio cable
	Solid white	Unmuted
	Solid red	Muted

Remote Control



*Not supported for VC520 Pro3

- AAA Batteries (required)

- **Preset** (Preset button): The Preset button on the remote serves 2 functions.

To Save a Preset - Move camera to desired position. Press and hold the preset button until you receive the save message on the screen. Select preset position button 0-9 to store the current camera position. Repeat steps if needed.

To Load a Preset - Press the preset button and preset position button 0-9 to load a saved camera position. Repeat steps if needed.

- Press and hold the number button “1” for 1 second to turn on or off the WDR function.
- Press and hold the number button “5” for 1 second to turn on or off the SmartFrame function.
- Press and hold the number button “8” for 1 second to enable or disable RTMP streaming function.

- Press and hold the number button “9” for 1 second to force camera to enter sleep mode. This will end any video streaming. To wake up the camera, press the button or any directional button for 1 second. This mode is not functional while USB streaming is on.

- **Camera Select** (CAMERA SELECT): If you only have one camera and do not need to adjust any setting, the default is camera 1. If you press camera 2 or 3 on the remote control, you will find your remote can't control your camera. In this case, please press camera 1 on your remote again.

- **SmartFrame** (SmartFrame button): Press for 1 second to switch the SmartFrame function among Manual Framing/Auto Framing/ Preset Framing/Smart Composition modes. A message (as figures shown) will display on the screen to indicate the mode.

Manual Framing

Auto Framing

Preset Framing

Smart Composition

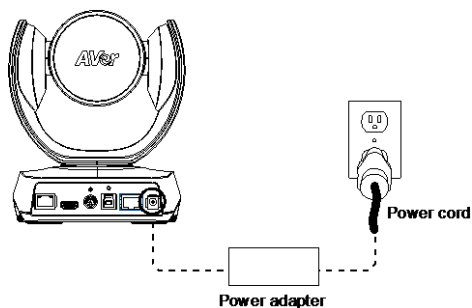
[Note] SmartFrame deploys face and body detection technology. People wearing masks and side facial profiles can still be detected. The maximum detection distance is 7-10 meters.

Set up preset points in advance (Only for Preset point 1-9. Preset 0 is for home position).

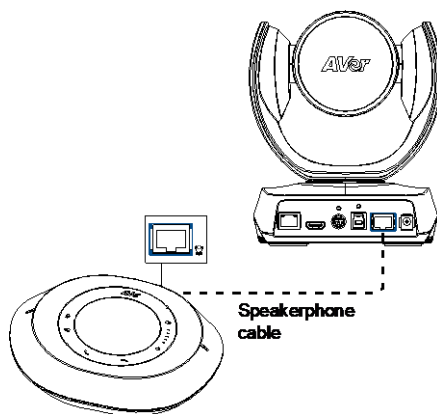
Connections

Device Connection

1. Connect the camera to the power outlet.



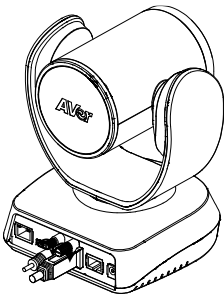
2. Connect the camera to the speakerphone with the included compatible cable.



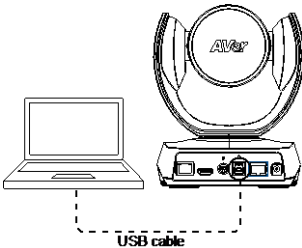
3. Connect other necessary cables.

Secure the USB and RS-232 cables with attached screws. (RS-232 cable is an optional accessory; please purchase from AVer.)

Make sure the cables are well connected to the connector on the camera before securing the cable.



4. Connect the camera to the computer/laptop using the included compatible cable.



Note:

- Use the USB 2.0 cable included in the package.
- **VC520 Pro3** has the USB 3.1 port which is USB 2.0 compatible.

Maximum resolution/fps for USB 2.0 and USB 3.1 ports are shown below.

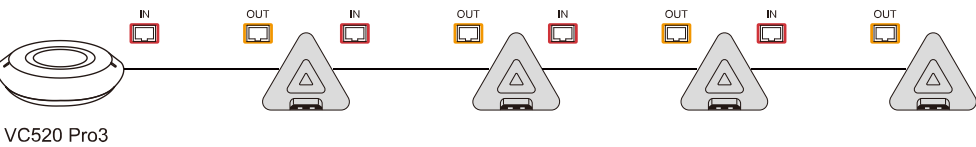
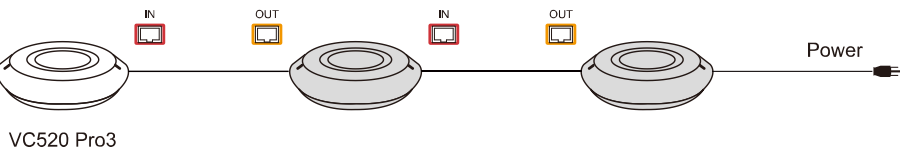
	M-JPEG/fps	YUV/fps
USB 2.0	1080@60 fps	720p@10 fps 480p@30 fps
USB 3.1	1080p@60 fps	1080p@30 fps

Expansion Speakerphone or Expansion Microphone Connection


VC520 Pro3 Speakerphone (firmware version 9800.08 or later) can daisy-chain up to 2 expansion speakerphones or 4 expansion microphones.

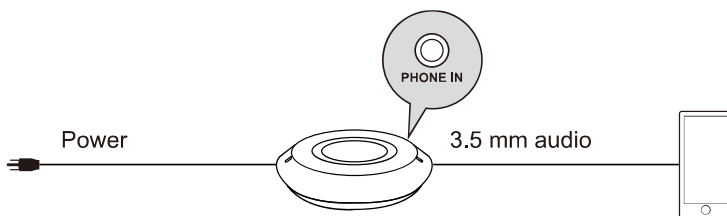
Note:

- When you daisy-chain, the total cable length must be shorter than 40 m. If the total cable length is longer than 20 m, connect the expansion speakerphones to a power source.
- The expansion microphone can't be used alone.



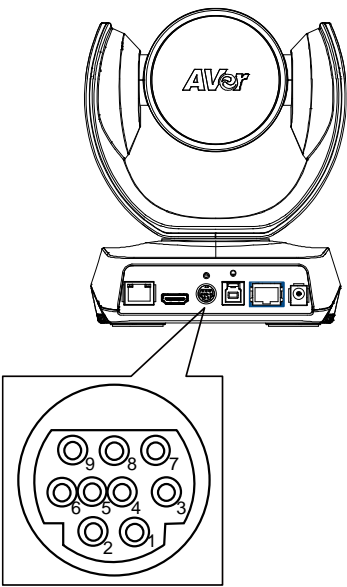
Phone Connection

1. Connect a mobile phone to the VC520 Pro3 speakerphone with the 3.5 mm audio cable.
2. Tap the **phone in** icon  to turn off phone in (solid white light), and tap again to turn on phone in (solid blue light).
3. When you unplug the audio cable, the indicator will go off.



RS-232 Connection

Camera RS-232 Port Pin Definition

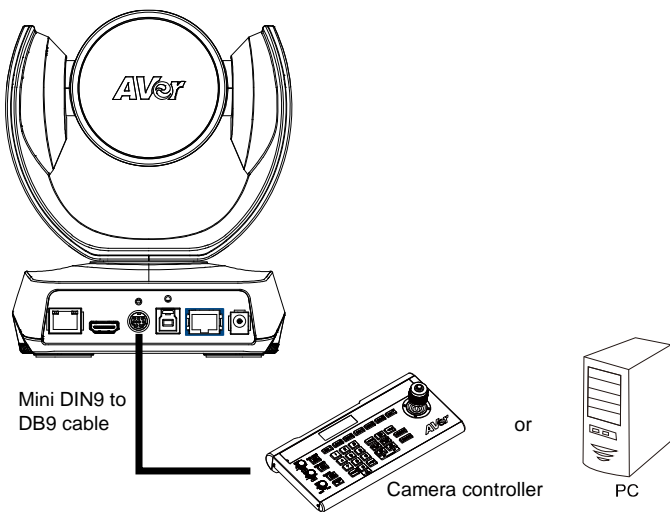


Function	Mini DIN9 PIN #	I/O Type	Signal	Description
VISCA IN	1	Output	DTR	Data Terminal Ready
	2	Input	DSR	Data Set Ready
	3	Output	TXD	Transmit Data
	6	Input	RXD	Receiver Data
VISCA OUT	7	Output	DTR	Data Terminal Ready
	4	Input	DSR	Data Set Ready
	8	Output	TXD	Transmit Data
	9	Input	RXD	Receiver Data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

Computer/Keyboard Controller and Camera Connection

Direct Connection

If you do not have an AVer RS-232 adapter cable, please refer to the pin connection shown below.



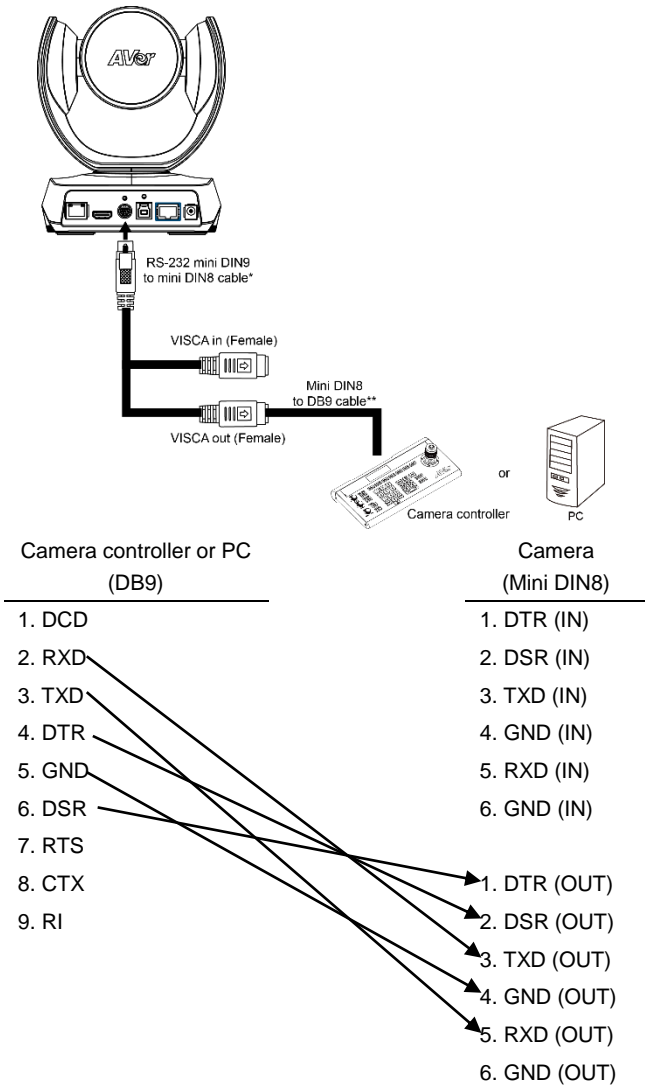
Camera (Mini DIN9)	Camera controller or PC (DB9)
1. DTR (IN)	1. DCD
2. DSR (IN)	2. RXD
3. TXD (IN)	3. TXD
6. RXD (IN)	4. DTR
7. DTR (OUT)	5. GND
4. DSR (OUT)	6. DSR
8. TXD (OUT)	7. RTS
9. RXD (OUT)	8. CTX
	9. RI

Use the RS-232 mini DIN9 to mini DIN8 cable (Sold separately. Please purchase from AVer.).

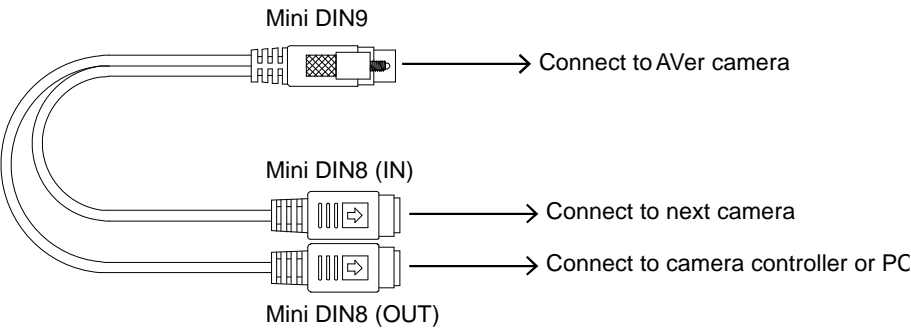
You can purchase AVer RS-232 min DIN9 to mini DIN8 adapter cable* to connect with Computer or keyboard/controller.

[Notes]

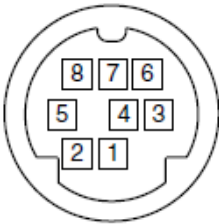
- RS-232 mini DIN9 to mini DIN8 cable (PN: 064AOTHERCDC)
- Mini DIN8 to D-Sub9 (DB9) cable (PN: 064AOTHERBPK) is an optional item.



RS-232 mini DIN9 to mini DIN8 Cable Pin Definition



Mini DIN8 Pin Definition



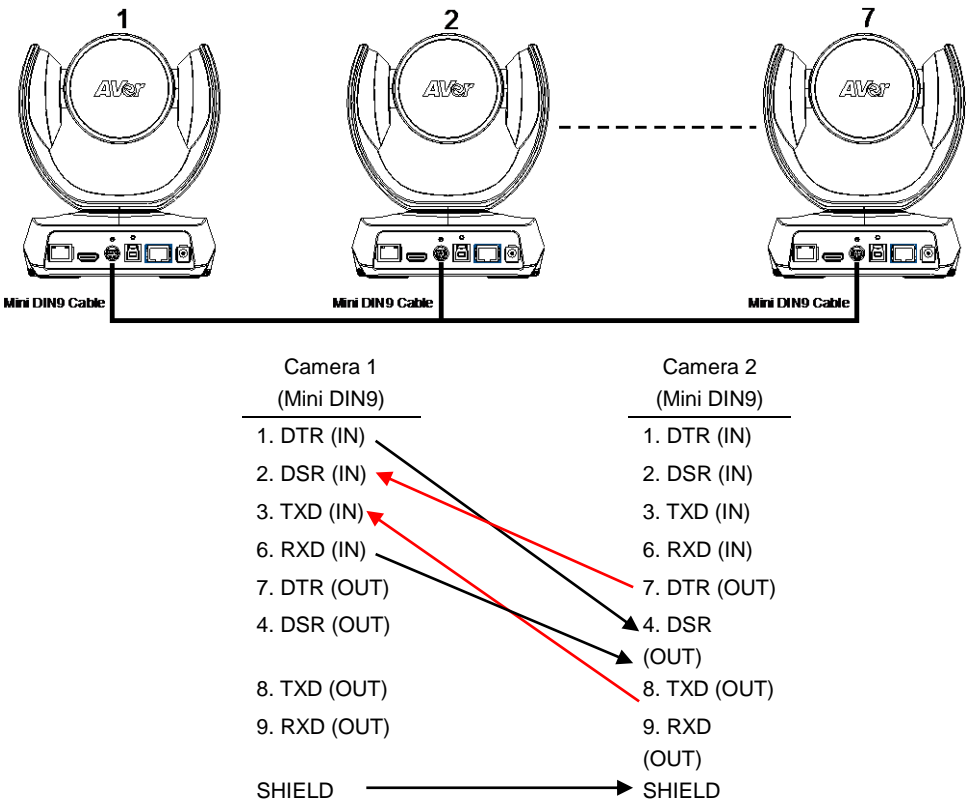
No.	Pin
1	DTR
2	DSR
3	TXD
4	GND
5	RXD
6	GND
7	NC
8	NC

Camera Cascade Connection

Direct Connection

If you don't have an AVer RS-232 adaptor cable, please refer to the pin connection shown below for cascading cameras.

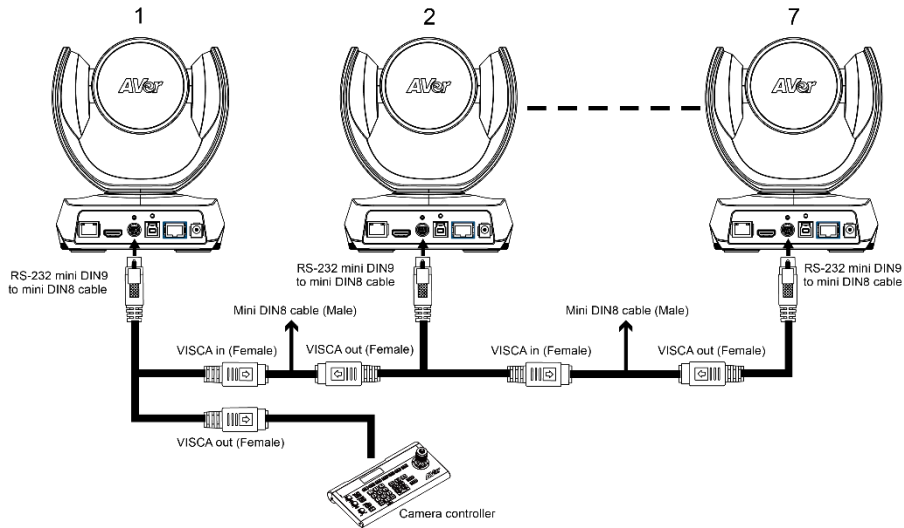
You can connect up to 7 cameras.



Use the RS-232 mini DIN9 to mini DIN8 cable

You can connect up to 7 cameras.

To facilitate cascade connection, you can purchase an AVer RS-232 adapter cable. Connect camera with AVer mini DIN9 to mini DIN8 adapter cable. Connect the mini DIN8 female side to male mini DIN8 Visca cable (Users have to buy it in the market) and then connect AVer mini DIN9 to mini DIN8 adapter cable again to connect to next camera.

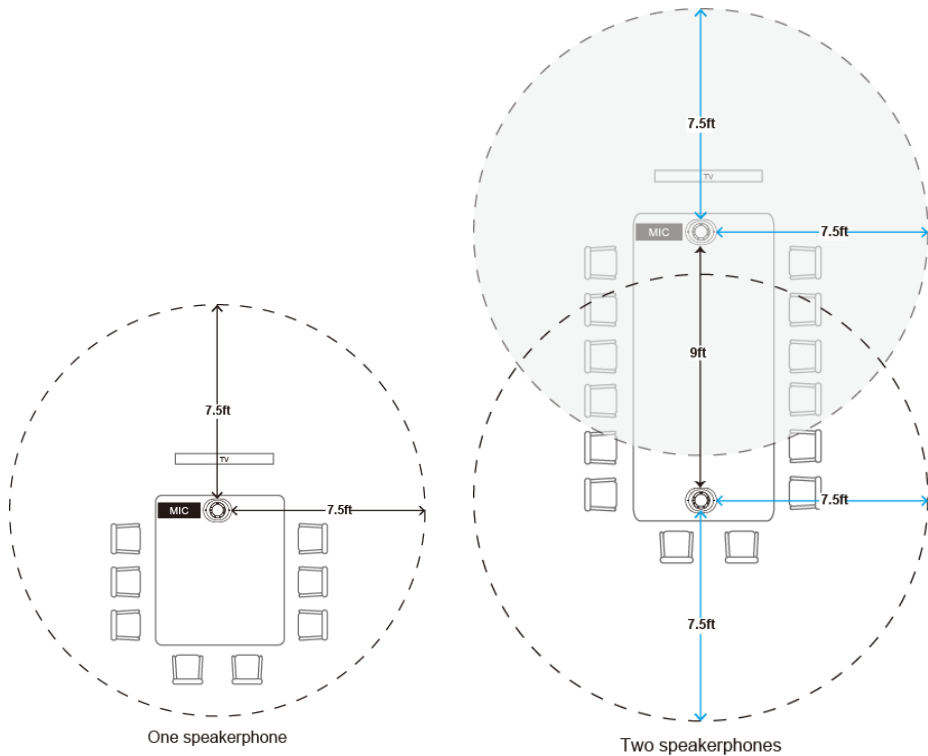


Camera 1 (Mini DIN8)	Camera 2 (Mini DIN8)
1. DTR (IN)	1. DTR (IN)
2. DSR (IN)	2. DST (IN)
3. TXD (IN)	3. TXD (IN)
4. GND (IN)	4. GND (IN)
5. RXD (IN)	5. RXD (IN)
6. GND (IN)	6. GND (IN)
1. DTR (OUT)	1. DTR (OUT)
2. DSR (OUT)	2. DST (OUT)
3. TXD (OUT)	3. TXD (OUT)
4. GND (OUT)	4. GND (OUT)
5. RXD (OUT)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

Installation

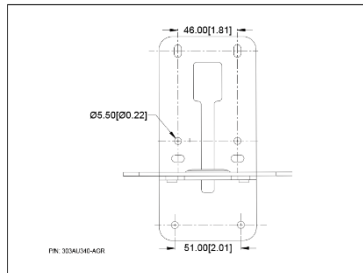
Audio Signal Receive Range

The best distance for the speakerphone to receive audio signal is within 7.5ft (2.3 m) in radius. When connecting two or more speakerphones, the distance between the speakerphones must be 9ft (2.7 m).



Wall Mount Installation

1. Use the drilling paper included in the package to drill holes on the place where you want to mount the camera.

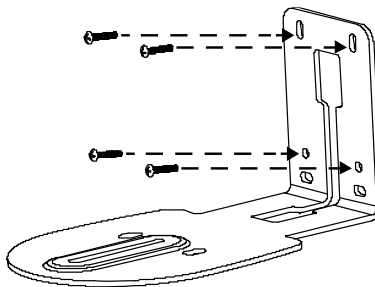


2. Use the screws (not included) to secure the L-mount bracket **A** on the wall.

- **Screws:**

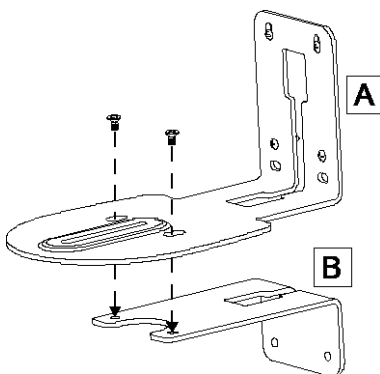
For Cement wall: M4 x20mm self-tapping screws (x4) + Plastic conical anchor

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



3. Then, assemble the L-mount brackets **A** + **B** with screws (included in package).

Screws:  M4 x8mm (x2)

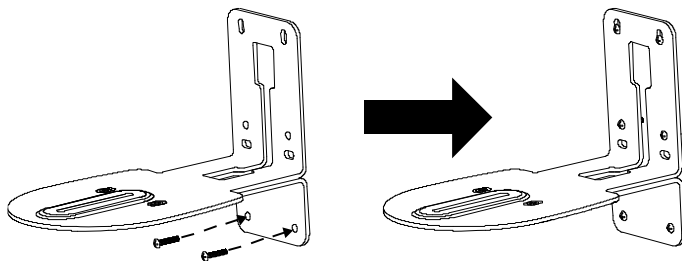


4. After assembling the L-mount brackets, use the screws (not included) to secure the L-mount bracket **B** on the wall.

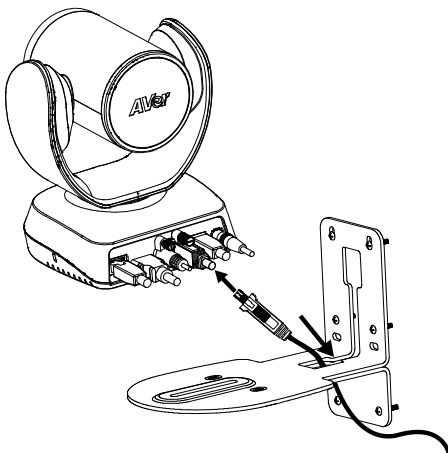
● **Screws:**

For Cement wall: M4 x20mm self-tapping screws (x2) + Plastic conical anchor



For Wooden wall: M4 x20mm self-tapping screws (x2)

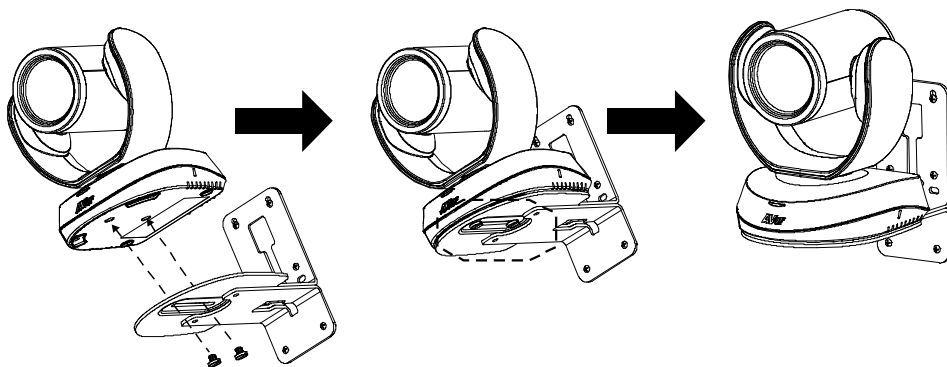


5. Pass the cables through the hole on the L-mount brackets and connect the cables to the according connection ports.



6. Use the remaining screws (included in package) to secure the camera on the L-mount brackets.

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



Get Started

Make a Video Call

The VC520 Pro3 is a plug-n-play device. Open your video conferencing software and select the VC520 Pro3 for **Audio** and **Video**.

Access the Web Interface

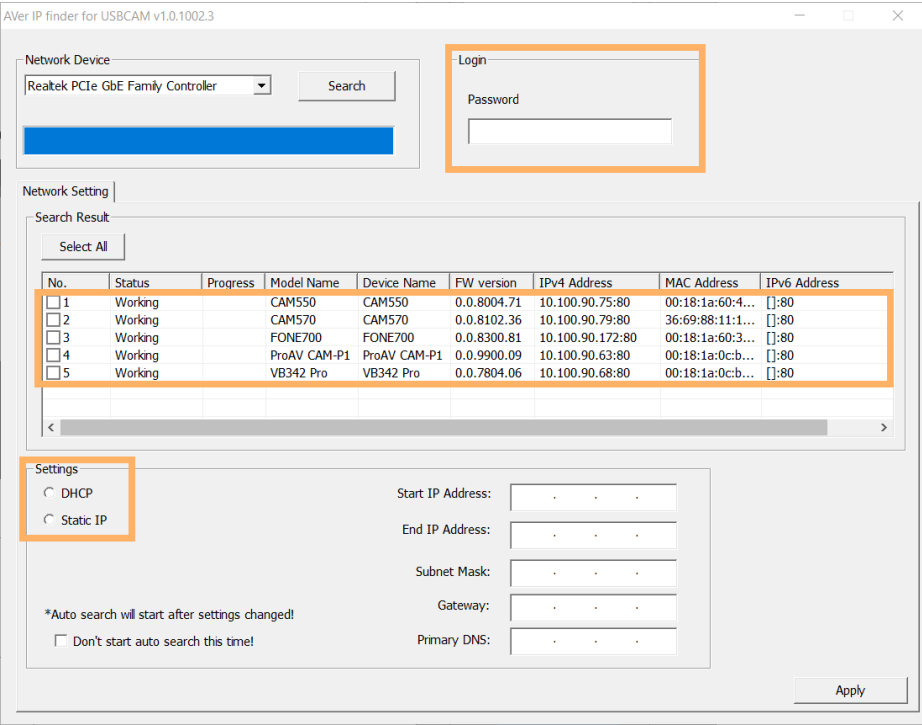
To access the web interface of your device, you can use any of the following software to find its IP address:

- 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).

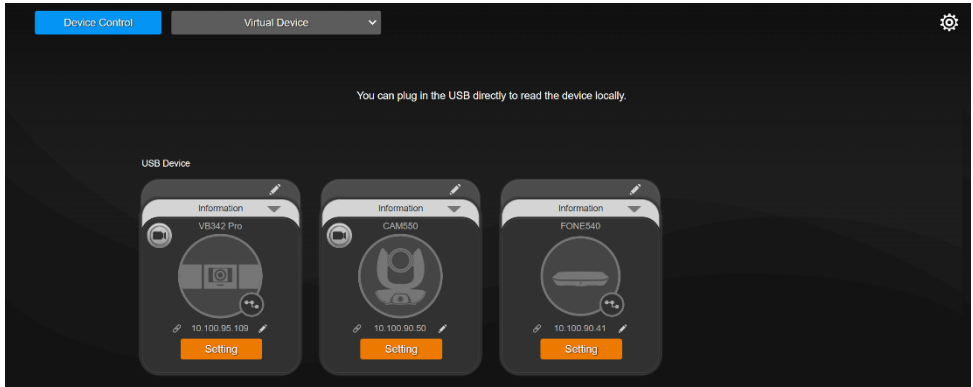
Note:

- 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.

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

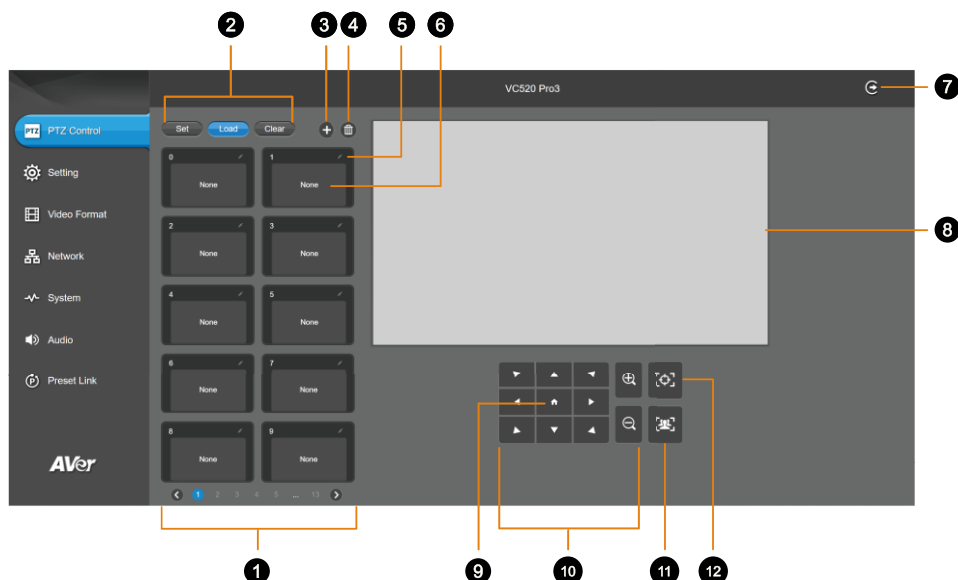
When you log in for the first time, enter the default password **aver4321**. You will be prompted to set up a new account and password. The account and password cannot be the same.

- 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. 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 the 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

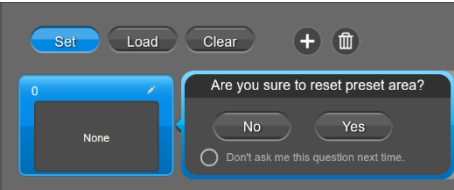
Click the SmartFrame icon  to frame entire group on screen.

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

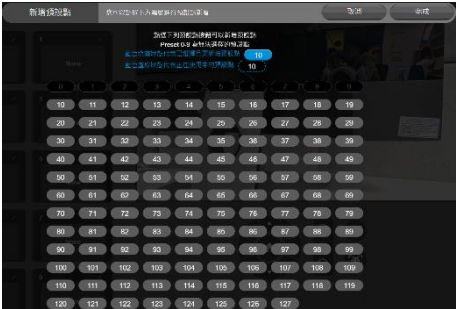


To save a preset:

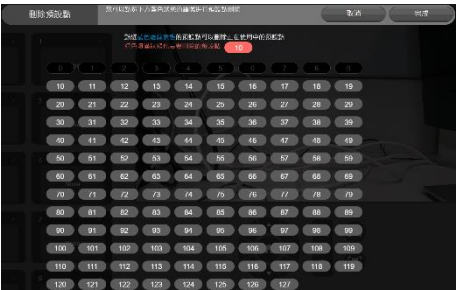
1. Use the pan, tilt and zoom controls to position your camera.
2. Select **Set**, then a preset number to save that position.
3. Select **Yes** when prompted. A thumbnail of your preset will appear.

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

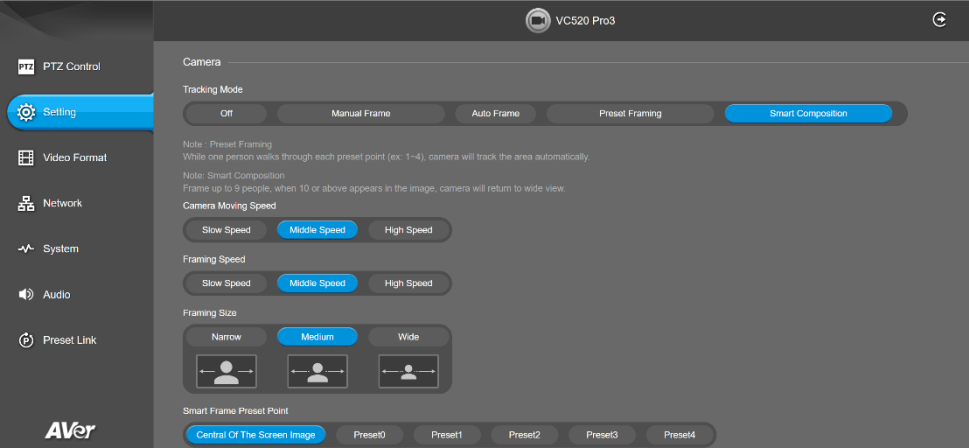
To add an available presets:

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

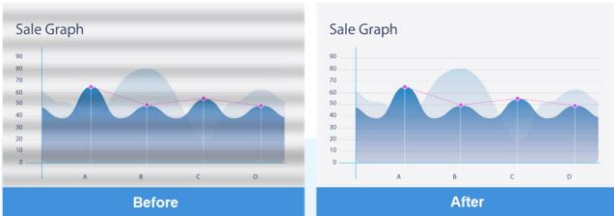


Camera

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. <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 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. <ul style="list-style-type: none">● 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. <ul style="list-style-type: none">● Load Preset Off: Displays all statuses except load preset.

Camera Binding	<p>No setup is required to operate the camera.</p> <ul style="list-style-type: none"> 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	<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.
Integration Booster for AVer MT300	Turn on to improve compatibility with AVer MT300 Matrix Tracking Box and reduce latency by lowering bit rate.

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	<p>Turn Flicker Decrease on IFP / Monitor on or off.</p> 
Frequency	Select a frequency.
White Balance	<p>Select a white balance setting:</p> <ul style="list-style-type: none"> 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.

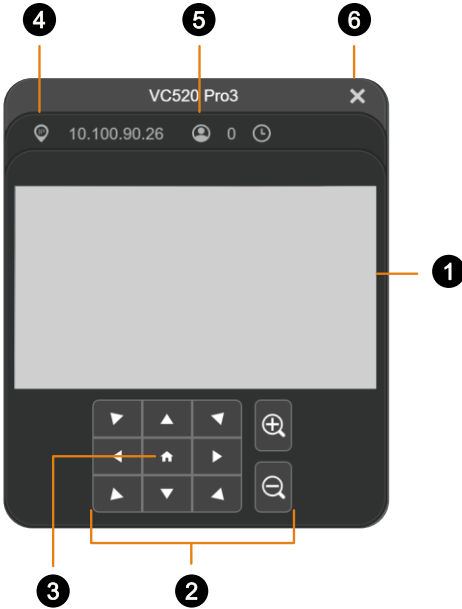
Video Frame Rate	Select a video frame rate.
------------------	----------------------------

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**, **Video Format**, **Network** and **System** tabs.
- To open the floating live view again after closing, click on the video recorder 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.

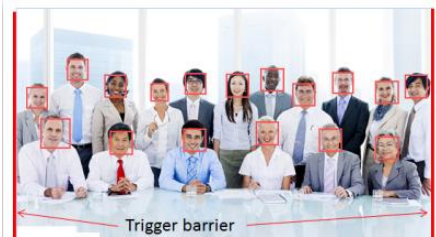
Tracking Mode

Manual Frame



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

Auto Frame



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

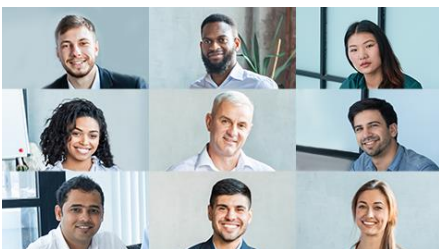
- The camera auto frames every time a subject enters or leaves the screen.
- If Auto Frame happens too frequently, set a duration before auto frame in the **Setting** tab > **Framing Speed**.

Preset Framing

Frames the presenter in real time as they move using presets. If no one is within the presets, the camera will default to group framing.

- Make sure you have defined presets. Presets 1-9 are available. Preset 0 defaults to the home position.
- Define overlapping presets for a smooth transition. When the presenter exits the previous preset, the camera will follow and move to the next preset.
- When multiple presenters are within presets, the preset with the smaller number takes priority.

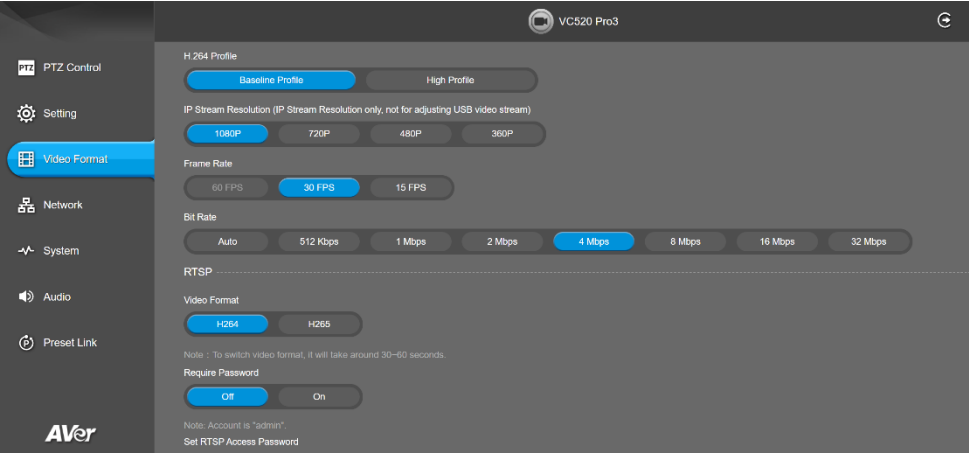
Smart Composition



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 in view, the camera will default to group framing.
- 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. <ul style="list-style-type: none">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

PTZ Control

Setting

Video Format

Network

System

Audio

Preset Link

AVer

VC520 Pro3

Hostname

VC520-Pro3

Static IP

DHCP

If the DHCP mode can not get IP, it will change to static IP mode automatically.

IP Address

10.100.90.50

Gateway

10.100.90.254

NetMask

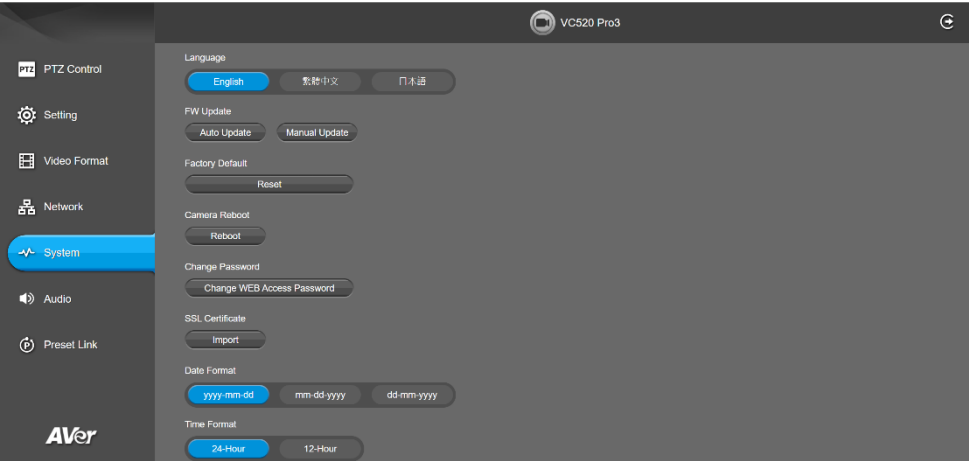
255.255.255.0

DNS

10.100.1.6

Item	Description
Hostname	Click the pencil icon to edit a hostname. Use upper and lowercase letters and numbers.
Static IP, DHCP	Set up static IP or DHCP. If Static IP is selected, enter your network settings to set up a static IP connection and click Confirm .

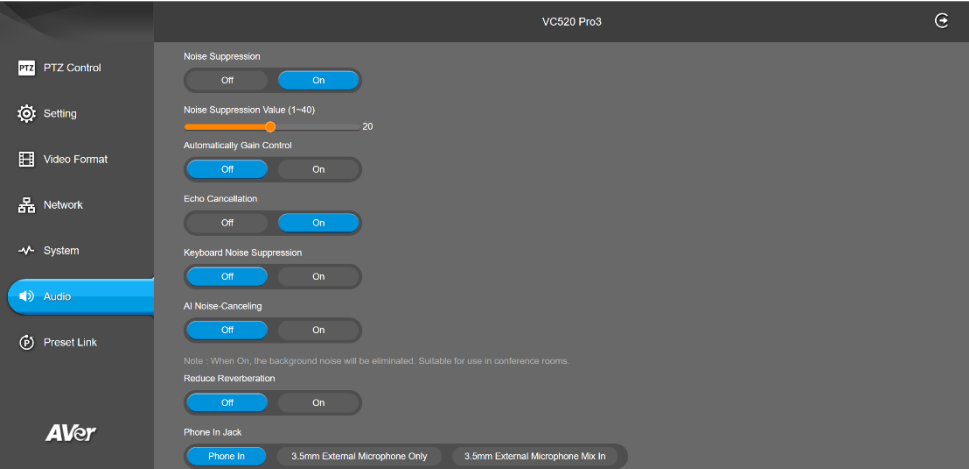
System



Item	Description
Language	Select a language for the web interface.
Firmware Update	<p>Update your camera's firmware.</p> <ul style="list-style-type: none">● Auto Update: Checks and updates online.● Manual Update: Update the firmware using a file offline. <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	<p>Reset your camera to factory default settings. You can choose to 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.</p> <ul style="list-style-type: none">● Use 8-10 characters, upper and lowercase letters, numbers and symbols (* ! % + = , - _ ^ / @ . ~ # \$).● 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

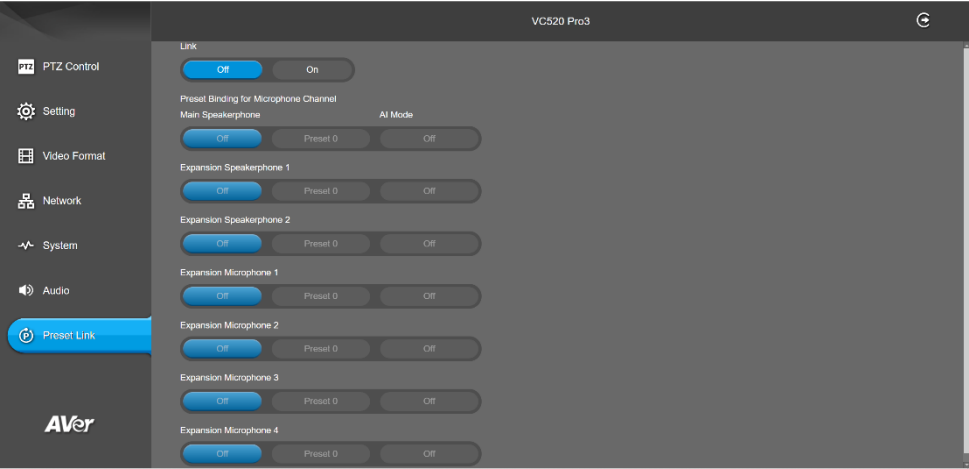
	<p>the US.</p> <ul style="list-style-type: none">● Manual: Click the pencil icon to set up the clock.
Allow Providing of Anonymous Usage Data	Opt-in or opt-out of providing usage data.
Information	Displays your camera information such as IP address.

Audio



Item	Description
Noisie Suppression	Reduce ambient noise. Adjust the noise suppression value by dragging the slider.
Automatically Gain Control	Turn automatic gain control on or off.
Echo Cancellation	Reduce echoes.
Keyboard Noise Suppression	Reduce keyboard noise.
AI Noise-Canceling	Reduce the sound of crying babies or barking dogs.
Reduce Reverberation	Reduce reverberation within a room.
Phone In Jack	Select an option based on the device connected to the phone in port and use case: <ul style="list-style-type: none">● Phone In: Connect a smartphone to communicate with remote participants.● 3.5 mm Microphone Only: Use only your connected external microphones as audio source.● 3.5 mm Microphone Mix In: Use both the VC520 Pro3 speakerphone and your connected external microphones as audio source.

Preset Link



Frame the active talker with voice-tracking functionality by linking presets with the main speakerphone, expansion speakerphones or expansion microphones.

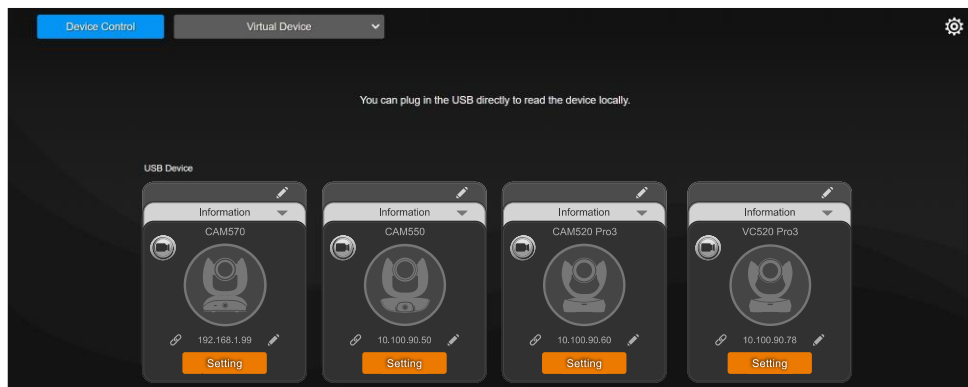
To set up Preset Link:

Note: Make sure you have defined the required presets. Presets 0-9 are available.

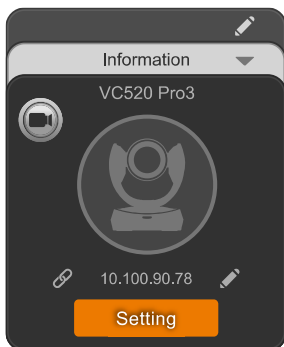
1. Turn on **Link**.
2. Click **Preset 0** for your available device to select a preset you want to link to that device.
3. Click **Off** in the **AI Mode** column to turn Auto Frame on or off.
4. Repeat these steps for all available devices.

Room Management

Configure Settings on Room Management



1. Download Room Management from AVer Download Center to your computer and launch the application.
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 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

