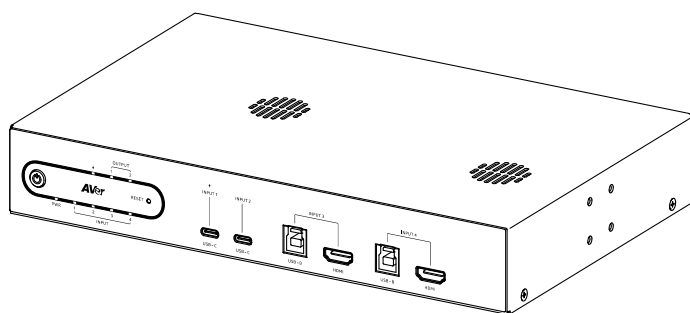




HUB30

4K BYOM Matrix Switcher

— User Manual —

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.

The output of I/O (Type – C) port exceeds 100VA, and the terminal connection equipment must provide a fire enclosure.

PSTI Statement of Compliance

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

VCCI-A

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

(注) 本製品同梱の電源ケーブルは本製品同梱の電源アダプタでのみ使用してください。本製品同梱の電源ケーブルは他の電気機器では使用できません。

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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/pro-av/support/>

Technical Support: <https://averusa.force.com/support/s/contactsupport>

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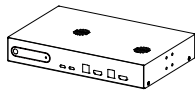
Contents

Overview	1
Package Contents	1
Optional Accessories	1
Parts Info	2
LED Indicators	3
Dimensions	3
Installation	4
Cable Fixing Plate Installation	4
Rack Mount Bracket Installation	4
Connections	5
RS-232 Pinout	6
Get Started	7
Power Your Device	7
Reset Your Device	7
Factory Default Settings	7
System Requirements	8
Install the DisplayLink Driver	8
Supported AVer Peripherals	9
Access the Web Interface	10
AVer Device Utility	10
Log In for the First Time	11
Pair with AVer CP10 G2 Collaboration Touch Panel (Optional Accessory)	12
Use Your Device	13
Homepage	13

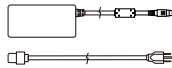
Share Screen	15
Switch Inputs/outputs and Rearrange Displays	17
Video Conferencing	19
Control Peripherals in Room Control	19
Device Pass-through	22
Manual Select.....	23
ConnectAI.....	24
Presenter Mode.....	28
Customize Background Signage	29
Upload Images and Videos	29
Customize UI	32
Step 1: Preview and download template.....	32
Step 2: Customize template in GrapesJS Studio.....	33
Step 3: Upload customized template	35
Configure Device Settings	37
Status.....	37
Settings.....	38
Peripherals.....	39
Network.....	40
System.....	41
Specifications.....	43
Troubleshoot	46
Appendix.....	47
VISCA Command Table	47

Overview

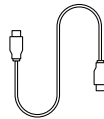
Package Contents



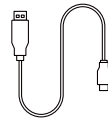
HUB30



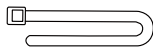
Power Adapter &
Power Cord



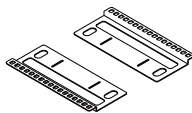
USB-C to C 3.2 Gen 2
Cable (2 m / 6 ft)



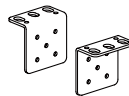
USB-A to B 3.0 Cable
(1.5 m / 4.92 ft)



Cable Tie (x17)



Cable Fixing Plate
(x2)



Rack Mount Bracket
(x2)



Phoenix® 8-Pos
Connector



M3 x 5.0 mm Truss
Head Screw (x8)

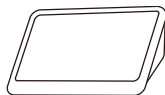


M3 x 10 mm
Screw (x4)



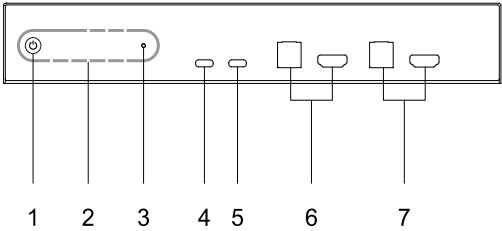
Quick Start Guide

Optional Accessories



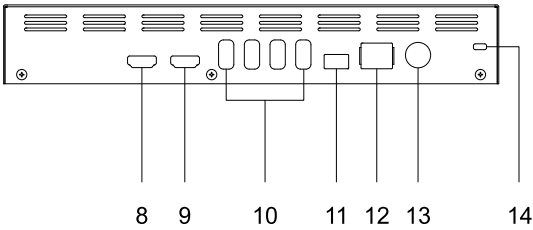
CP10 G2
Collaboration Touch
Panel

Parts Info



Front View

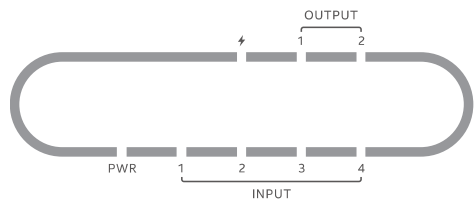
- 1. Power Button
- 2. LED Indicators
- 3. Reset Hole
- 4. Input 1: USB-C 3.0 Port with Charging
- 5. Input 2: USB-C 3.0 Port
- 6. Input 3: USB-B 3.0 / HDMI Ports
- 7. Input 4: USB-B 3.0 / HDMI Ports



Rear View

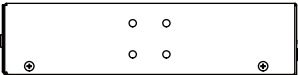
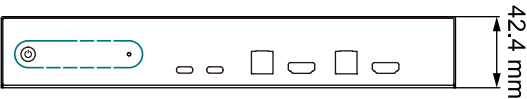
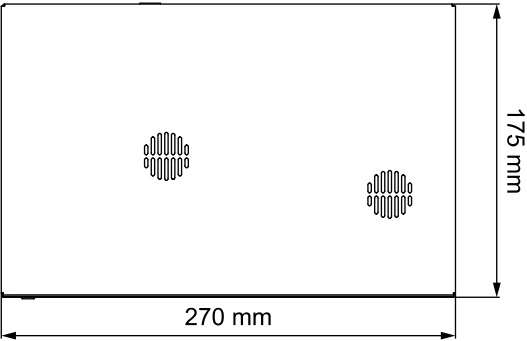
- 8. HDMI® Output Port 1
- 9. HDMI Output Port 2
- 10. USB-A 3.0 Ports
- 11. RS-232 Port
- 12. Ethernet Port
- 13. DC Power Jack
- 14. Kensington Lock

LED Indicators



LED	Color	Status
Power	Solid green	Operational
	Solid orange	Standby
	Flashing green	Firmware update
	Flashing orange	Factory reset
USB-C charging ⚡	Solid green	Charging
Input 1-4	Solid green	Connected
Output 1-2	Solid green	Connected

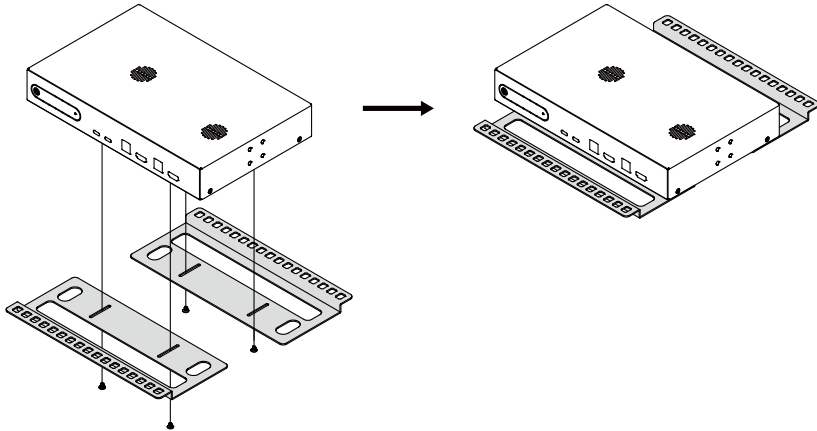
Dimensions



Installation

Cable Fixing Plate Installation

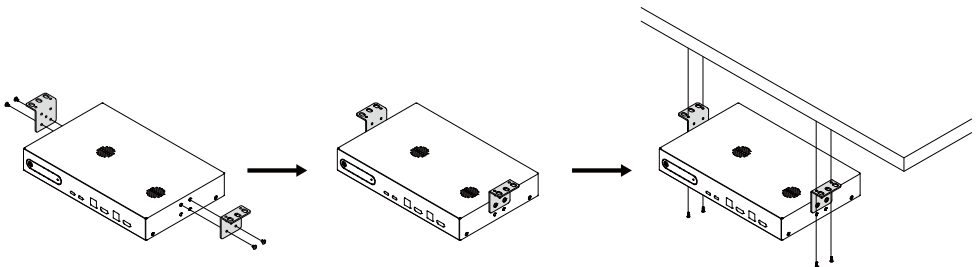
1. Secure the cable fixing plate to the device with the included M3 x 5.0 mm screws (x4).
2. Connect the cables.
3. Use the cable ties to secure the cables and cable fixing plate.



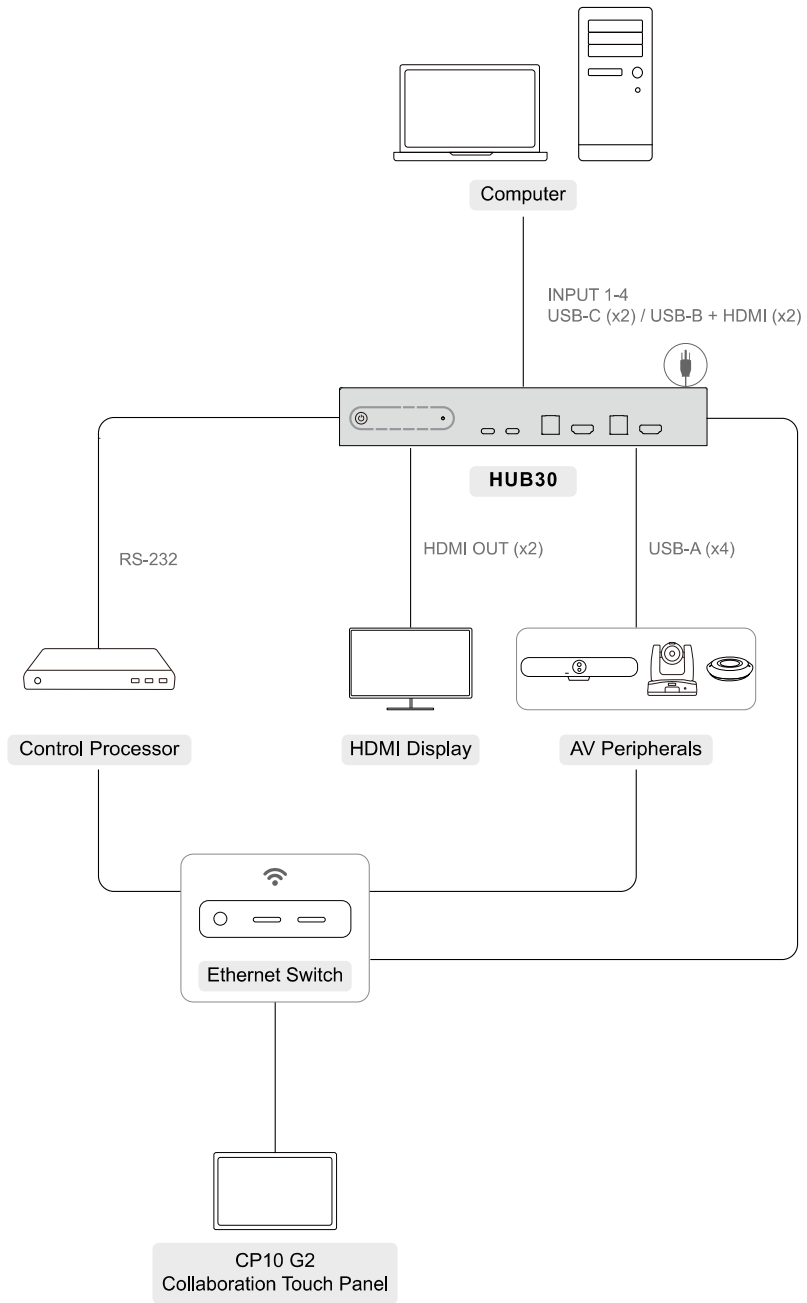
Rack Mount Bracket Installation

1. Secure the rack mount brackets on the device with the included M3 x 5.0 mm screws (x4).
2. Install the rack mount brackets and device under the desk with the included M3 x 10 mm screws (x4).

Note: Make sure the fan vents aren't blocked.



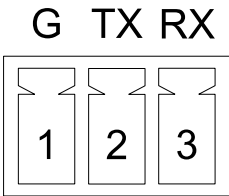
Connections



Port	Description
Input 1: USB-C 3.0 Port with Charging	Connect to a Bring Your Own Meeting (BYOM) laptop or room PC with charging up to 100W.
Input 2: USB-C 3.0 Port	Connect to a BYOM laptop or room PC.
Input 3: USB-B 3.0 / HDMI Ports	
Input 4: USB-B 3.0 / HDMI Ports	
HDMI Output Port 1	Connect to an HDMI display or projector. The HDMI output supports up to 4K@60 Hz.
HDMI Output Port 2	Connect to an HDMI display or projector. The HDMI output supports up to 4K@60 Hz.
USB-A 3.0 Port (x4)	Connect to audio and video peripherals.
RS-232 Port	Connect to a control processor using the included 3-pos connector.
Ethernet Port	Connect to an Ethernet port to access the device web interface or pair with CP10 G2 Collaboration Touch Panel.
DC Power Jack	Connect to a power source using the included power adapter and power cord.

RS-232 Pinout

The device provides a Phoenix[®] 3-pos connector for bi-directional serial communication. The signal levels are the following:



Output voltage (V)	
Logic low level	3 to15
Logic high level	-15 to -3

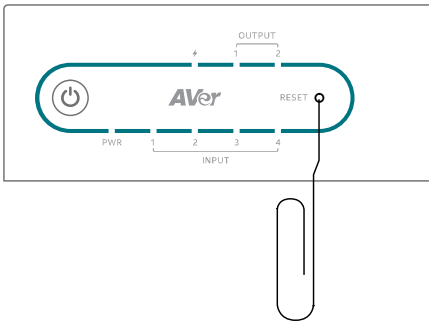
Get Started

Power Your Device

The device automatically powers on when connected to power. No need to press the **power** button . Press and hold for 5 seconds to enter Standby Mode. Press once to wake up.

Reset Your Device

Insert a paper clip into the reset hole, push in and hold for 5 seconds to reset to the device to factory default settings.



Factory Default Settings

IP address	DHCP
Hostname	[Model name]-[last 6 digits of MAC Address] <i>Example: HUB30-3a8292</i> - Find the MAC address on the bottom or rear of the device.
Web interface login	admin/admin
Display control	Disabled
Input/output source mode	Single - Duplicate

System Requirements

- Windows 10 or later
- macOS 13.5 or later
- DisplayLink driver compatible with your version of Windows or macOS

Note: To download the latest or legacy drivers, visit the [Synaptics website](#). Installing a newer version will overwrite the existing one.

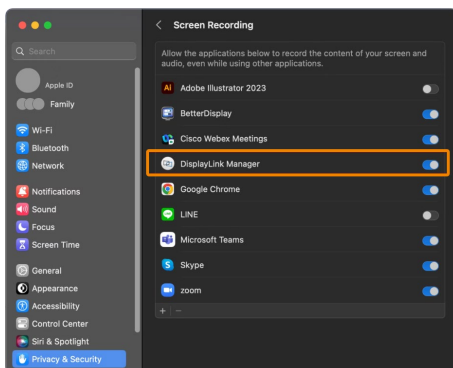
Install the DisplayLink Driver

• Windows

1. Download the DisplayLink driver from the [Synaptics website](#).
2. Follow the on-screen instructions to install the driver. During this process, screen sharing may be briefly unavailable and resumes in about **3 minutes**.
3. DisplayLink automatically turns on when the system allows multiple monitor displays.

• macOS

1. Download the DisplayLink driver from the [Synaptics website](#).
2. Follow the on-screen instructions to install the driver. During this process, screen sharing may be briefly unavailable and resumes in about **3 minutes**.
3. Permit DisplayLink Manager to record your screen.
DisplayLink Manager needs screen recording permission to enable extended displays on macOS. This permission does not mean DisplayLink will record or transmit your screen content.



Supported AVer Peripherals

Note:

- Supported peripherals:
 - The HUB30 transmits video over IP or USB, and audio over USB only.
 - For audio peripherals, use USB + IP if you want remote control features like mute, unmute, and volume adjustment from the HUB30.
- Unsupported peripherals: The HUB30 functions solely as a USB hub and does not provide video or audio control.

Professional Tracking Cameras

TR211	TR311HWV2
TR315	TR313V2
TR315N	TR323V2
TR335	TR323NV2
TR335N	TR333V2
TR535	TR615
TR535N	PTC310HWV2
	PTC310UV2
	PTC320UV2
	PTC320UNV2
	PTC330UV2

Professional PTZ Cameras

PTZ211
PTZ231
PTZ310UV2
PTZ310UNV2
PTZ330UV2
PTZ330UNV2

Video Conferencing Cameras

CAM520 Pro3	VB342 Pro (no ConnectAI)
CAM550	VB350
CAM570	

Video Conferencing Speakerphone (no ConnectAI)

FONE540
FONE700

Matrix Tracking Box (no ConnectAI)

MT100
MT300
MT300N

Last updated: April, 2026

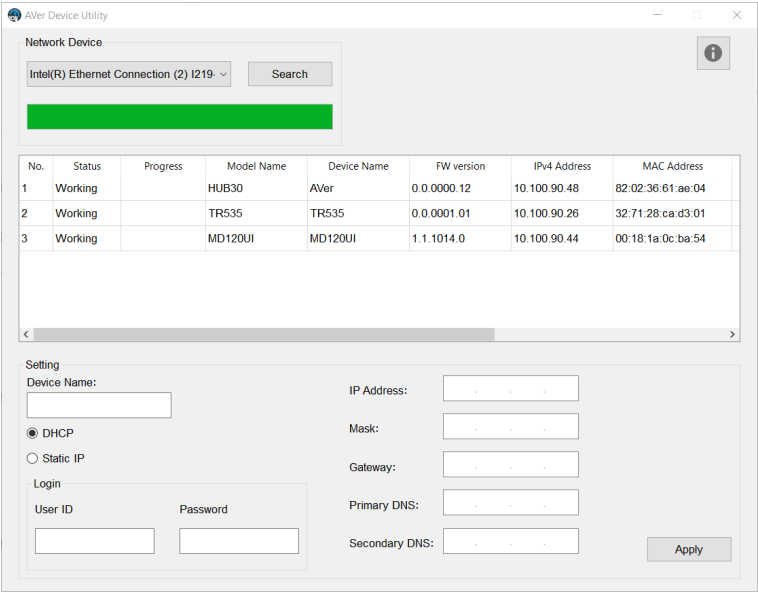
Access the Web Interface

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

Note:

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

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/device-utility>) and open the software.
2. Click **Search** to see available devices on the same local area network (LAN).

Note:

- Make sure your device is connected to a network.
- 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.

Note:

- If the DHCP server fails to assign an IP after several attempts, the device defaults to 192.168.1.168. Multiple devices will be assigned random IPs within 192.168.1.1 – 192.168.1.254.
- To troubleshoot, make sure your DHCP server is running. Then disconnect and reconnect the LAN cable.

To change your network to DHCP or static IP:

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

Log In for the First Time

When you log in for the first time, you'll be prompted to change the username and password. The username and password cannot be the same.

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

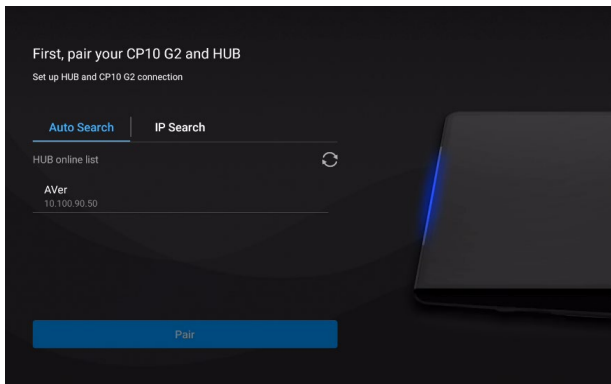
Pair with AVer CP10 G2 Collaboration Touch Panel (Optional Accessory)

1. On the CP10 G2, tap **BYOM Controller**.



2. The CP10 G2 will auto search for available devices. Or tap **IP Search** and enter your device's IP address.

Note: CP10 G2 and your device must be on the same LAN.



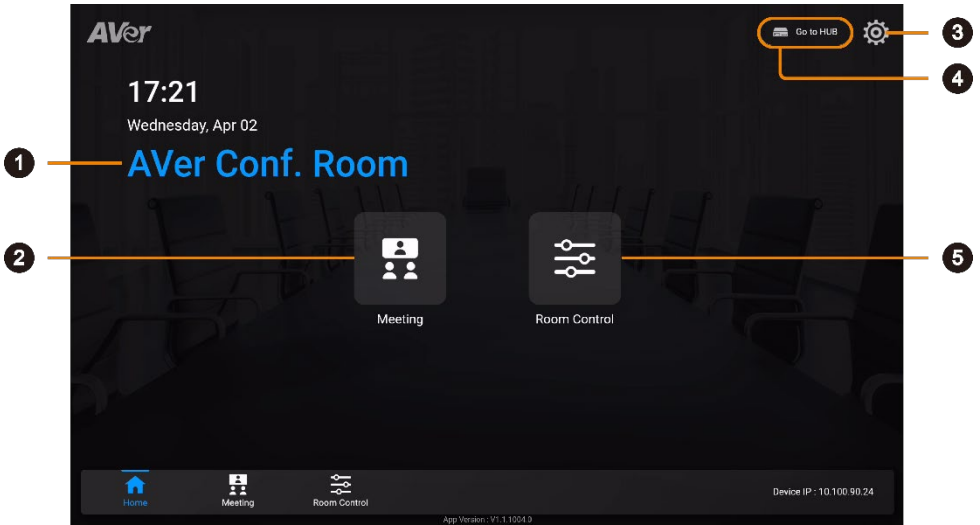
3. Tap to select your device, tap **Pair**, then enter the username and password to start pairing.

Use Your Device

Homepage

You can switch inputs/outputs, rearrange displays, control added AVer peripherals, and enable ConnectAI for dynamic framing during meetings.

Note: The device's web interface and the BYOM Controller app on the paired CP10 G2 share the same user interface.



1. Room Name

To change the room name, go to **Go to HUB > Settings > General**.

2. Meeting

Share screen wirelessly via LAN with AVer Room Management software.

Select up to 2 out of 4 input sources, switch Inputs/outputs, and rearrange displays.

3. CP10 G2 Collaboration Touch Panel Settings (CP10 G2 only, optional accessory)

Configure CP10 G2 settings. Refer to the user manual for CP10 G2.

4. Go to HUB

Add AVer peripherals and configure hub settings.

5. Room Control

Control added AVer peripherals and select how video is sent to your video conferencing software. Room Control is currently available for AVer peripherals only. Please refer to <[Supported AVer Peripherals](#)>.

Share Screen

- **Wired**

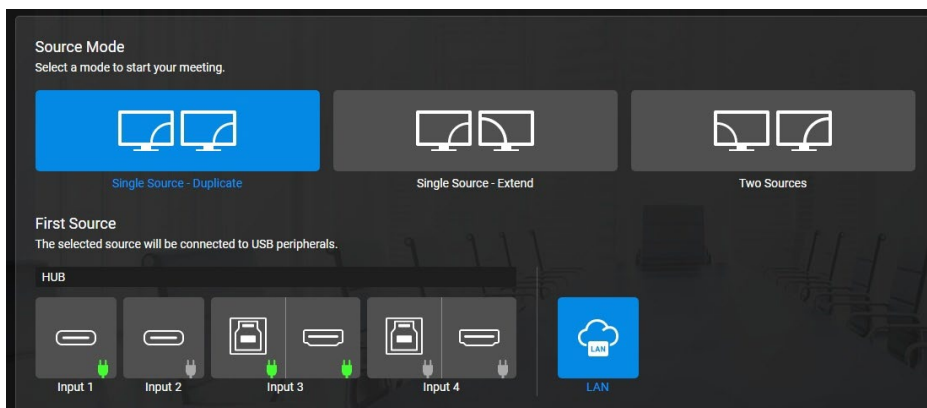
To share your computer screen, connect your computer to an input port using a USB-C, USB-B or HDMI cable, then connect an HDMI display to an HDMI output port using an HDMI cable.

Note: To connect via USB-C, make sure your computer supports DisplayPort Alternate (DP Alt) Mode. Look for the DisplayPort logo  or check your device specifications to confirm compatibility.

- **Wireless with AVer Room Management software**

1. Connect an HDMI display to an HDMI output port using an HDMI cable.
2. On the device's web interface or the CP10 G2, go to **Meeting** > select **Single Source – Duplicate** as source mode and **LAN** as first source.

Note: When screen sharing with via LAN connection, only **Single Source – Duplicate** mode is supported.

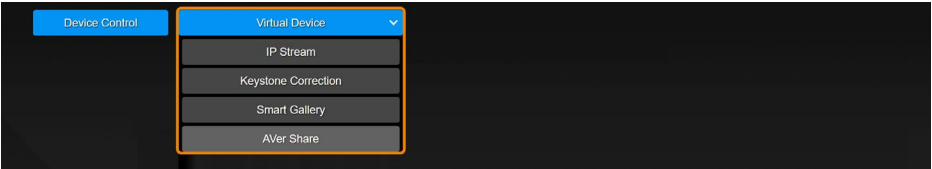


3. Download and install Room Management to your computer from AVer Download Center (<https://www.aver.com/Downloads/search?q=Room%20Management>) and open the software.

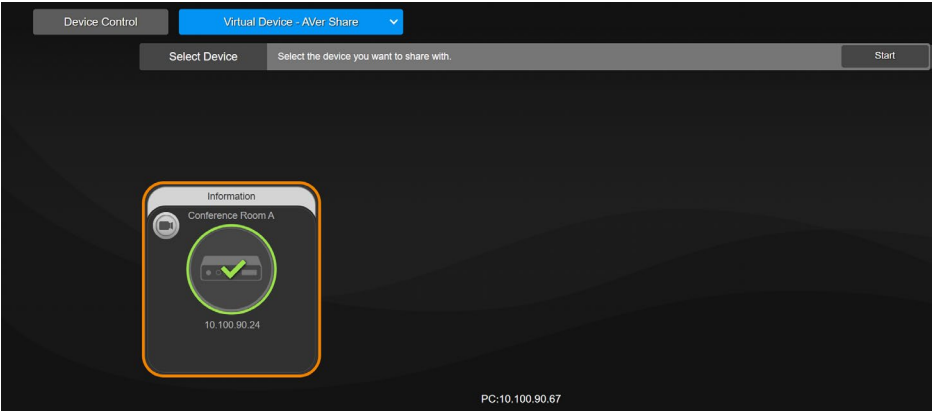
Note:

- Make sure your device is connected to a network.
- Room Management and your device must be on the same LAN.

4. Go to **Virtual Device** > select **AVer Share**.

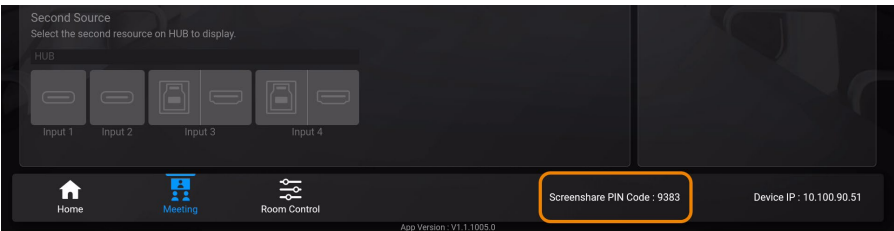


5. Select a device to connect. Click **Start**.



6. Enter the pin code (if any), then click **Confirm**.

- By default, **Screenshare PIN Code** is turned off and no pin code is required. When it's turned on, you can view the pin code on bottom of the device's web interface or the CP10 G2.

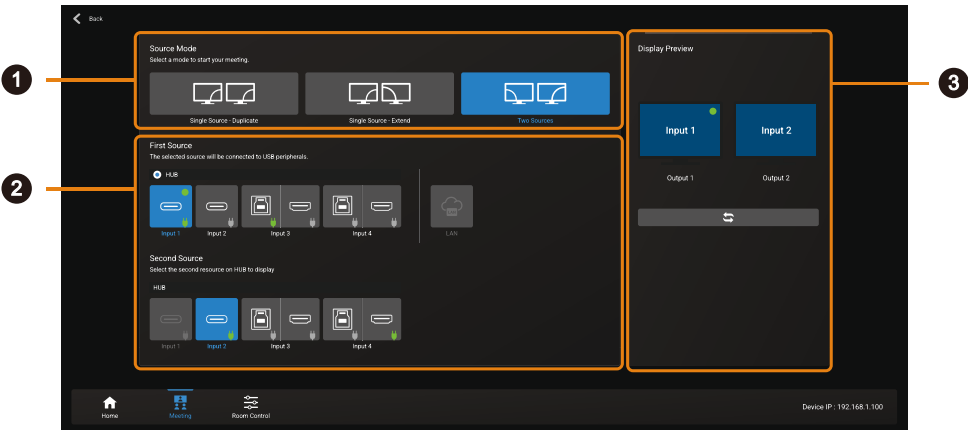


- To set up a pin code, on the device's web interface or the CP10 G2, go to **Go to HUB > System > Screenshare PIN Code**.

Switch Inputs/outputs and Rearrange Displays

Choose a display option, select your first and second input sources, and rearrange displays. To switch inputs/outputs and rearrange displays, on the homepage, go to **Meeting**.

Meeting Overview



Important: Before you start, make sure you have installed the DisplayLink driver to enable extended displays. Please refer to <[Install the DisplayLink Driver](#)> for more information.

1. Source Mode

Change what shows on your displays.

If you want to	Choose
See the same thing on all your displays.	Single Source - Duplicate
See your desktop across all your displays. When you have displays extended, you can move items between your computer and the two screens.	Single Source – Extend Connect two HDMI displays to enable this mode. A total of 3 displays are available: your computer and two HDMI displays.
See two inputs, one on each display.	Two Sources Connect two HDMI displays to enable this mode.

2. Input Sources

Select up to 2 input sources.

	Can be selected
	Selected
	Source is connected
	Selected, and UVC signals can be routed to the connected input source

3. Display Preview

Use the **switch** button  to rearrange displays.



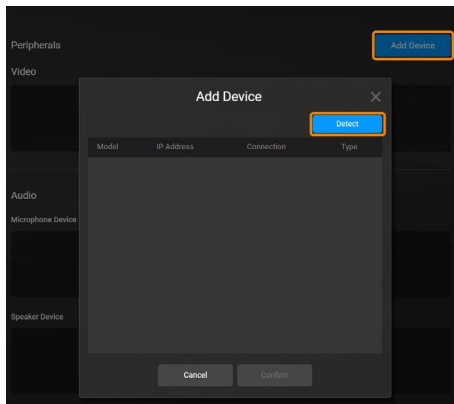
Video Conferencing

Control Peripherals in Room Control

Control added AVer peripherals remotely and select how to send video to your video conferencing software. Room Control is currently available for AVer peripherals only. Please refer to <[Supported AVer Peripherals](#)>.

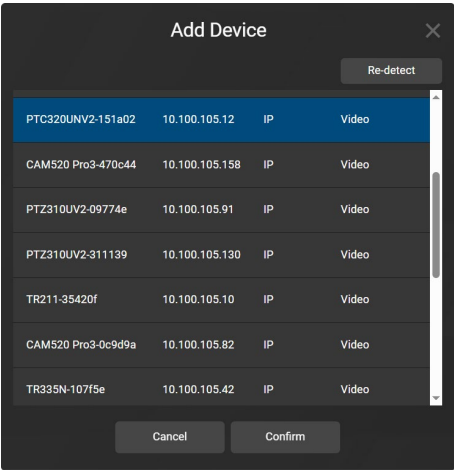
To add AVer peripherals:

1. Make sure the device and the AVer peripherals you want to add are on the same LAN.
2. On the homepage, go to **Go to Hub > Peripherals**.
3. Click **Add Device**, then click **Detect**.



4. Click to select the peripherals you want to add, then click **Confirm**.

The peripheral name is [Model name]-[last 6 digits of MAC Address].



5. Enter the account, password, and a name to help you identify the device.
6. Click the **X** icon to return to the homepage, then go to **Room Control** to control added peripherals.

Room Control Overview



1. Lens Type (Dual-lens models only)

Select PTZ Lens or Wide-Angle Lens.

2. Camera Live View

3. PTZ Control Panel

- Pan, tilt and zoom controls
- Reset pan-tilt position to the center
- Tracking toggle

CAM and VB series toggle on to Auto Frame, while the other cameras toggle on to the selected tracking mode on the camera's web interface. Refer to your camera's user manual for tracking settings.

4. Camera Preset

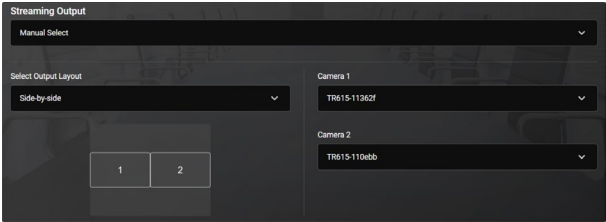
Click to load a preset. Define presets on the camera's web interface.

5. Microphone and Speaker Control

Requires USB + IP connections.

6. Streaming Output

Select how video is sent to your video conferencing software—using a USB camera, an IP camera, or AI-powered framing with ConnectAI.

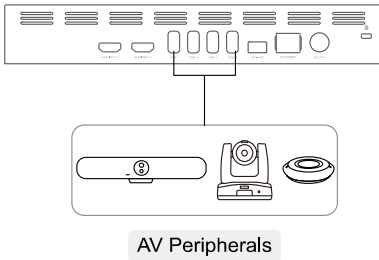
Choose	To
Device Pass-through	Use USB-connected audio/video peripherals as your video and audio source. Note: Go to Go to HUB > Settings >Streaming Output > enable Direct Camera Access to let the conferencing device detect the USB camera directly.
Manual Select	Use up to two IP-connected cameras as your video source in a single, side-by-side or picture-in-picture layout. 
ConnectAI	Use AI-powered framing with two supported AVer cameras installed at the front and back of the room.

Device Pass-through

Device Pass-through lets you use USB-connected audio/video peripherals. When selected, the HUB30 functions as a USB hub, and IP-connected cameras to the hub are unavailable to the video conferencing software.

To set up Device Pass-through:

1. Go to **Room Control > Streaming Output** > select **Device Pass-through**.
2. Go to **Go to HUB > Settings > Streaming Output** > enable **Direct Camera Access** to let the third-party wireless presentation systems (e.g., Barco) detect the USB camera directly.
3. Connect the computer to an input port, and the audio/video peripherals to the USB-A ports.



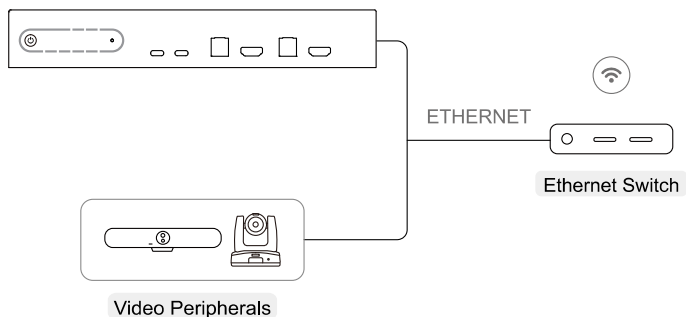
4. Open your video conferencing software and both the HUB30 and USB-connected audio/video peripherals (e.g., AVer TR315, AVer FONE540) will appear. Select the peripherals you want as **audio** and **video**.

Manual Select

Manual select lets you use an IP-connected camera as your video source.

To set up Manual Select:

1. Make sure the device and the cameras you want to add are on the same LAN.



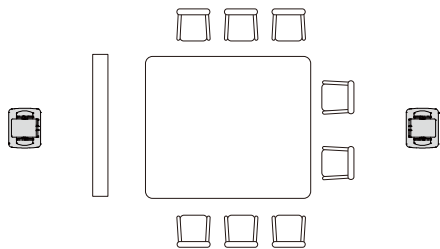
2. Follow the instructions in [Room Control](#) to add cameras over IP.
3. Go to **Room Control > Streaming Output** > select **Manual Select** > select an IP-camera you want to use from the drop-down list.
4. Open your video conferencing software and select the HUB30 as **video**.

ConnectAI

ConnectAI uses two supported AVer cameras to dynamically create a close-up frame for up to 6 participants or frame the entire group on screen. Ideal for video calls in medium or huddle rooms.

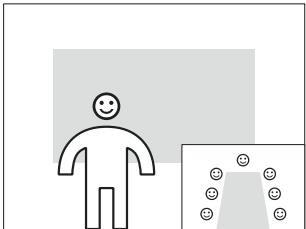
Senario – Presentation

- Two AVer supported cameras are set up at the front and the rear of the room.



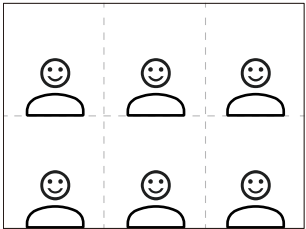
- Define up to 4 presets to frame and follow the presenter.
- When a presenter is detected at the front, ConnectAI creates a picture-in-picture (PiP), with the presenter in the large video and the participants in the small video.

With presenter

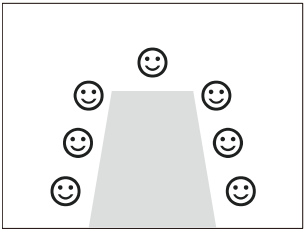


- When no presenter is detected at the front, ConnectAI creates a close-up frame for up to 6 participants or frames the entire group of 7 or more participants on screen.

No presenter



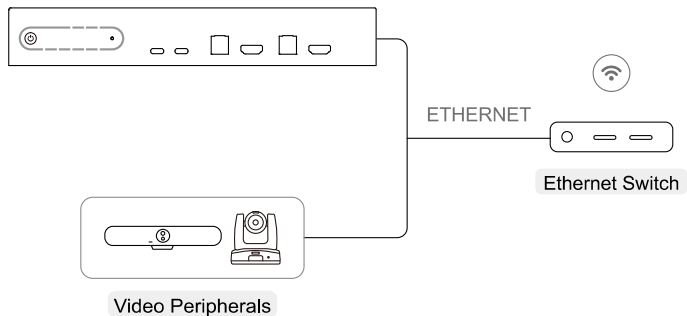
≤ 6 participants
Smart Composition



> 6 participants
SmartFrame

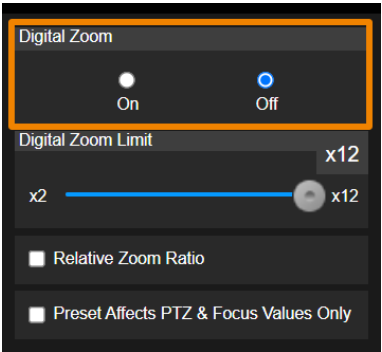
To set up ConnectAI:

1. Make sure the device and the cameras you want to add are on the same LAN.

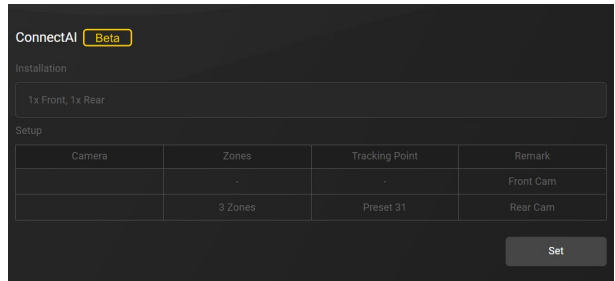


2. Follow the instructions in <[Room Control](#)> to add cameras over IP.
For the following cameras, open the camera's web interface, go to **Live View** > Turn off **Digital Zoom**.

TR211	PTZ211
TR315	PTZ231
TR315N	PTZ310UV2
TR335	PTZ310UNV2
TR335N	PTZ330UV2
	PTZ330UNV2



3. Go to **Room Control** > **Streaming Output** > select **ConnectAI**.
4. Go to **Settings** > click **Set** to configure settings.



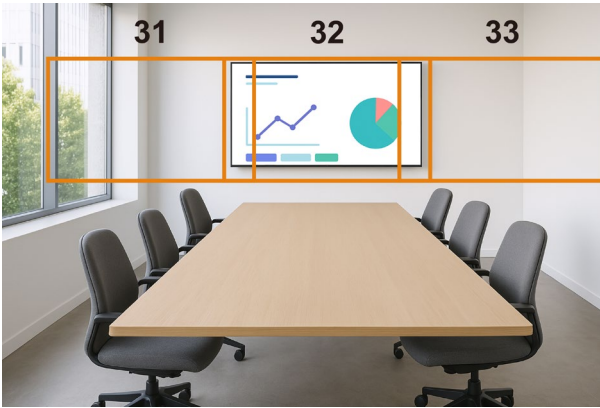
5. Select the front or rear camera, then click **Setup** to define the default position for the rear camera.

6. For the Front Camera Setting, choose one of the following modes: **Smart Composition**, **Smart Framing**, or **Preset Point**. If Preset Point is selected, you will be directed to the Front Cam Setup page to configure and save the preset using the live view control panel. Click **Setup** to define presets for the rear camera.
7. Select the number of **Zones** (presets) you want to track.

8. Select the presets you want to save from **Preset Zone Setting**. Presets 31–34 are available.

2 Zones	3 Zones	4 Zones
Preset 31, 32	Preset 31, 32, 33	Preset 31, 32, 33, 34

9. Use pan, tilt and zoom controls to position your camera and click **Save** to save that position. A thumbnail will appear in the preview. Repeat these steps for all presets.



Note: Define overlapping presets from left to right for a smooth transition. When the presenter exits the previous preset, the camera will follow and move to the next preset.

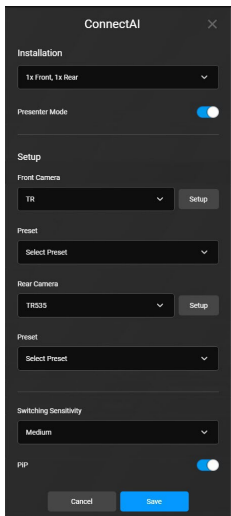
10. Select a **Tracking Point** as the starting point to frame and follow the presenter, then close the window. ConnectAI will start immediately.

Presenter Mode

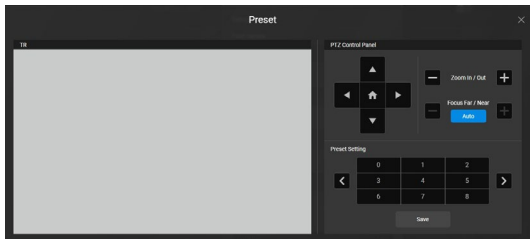
Enable Presenter Mode to automatically select the most front-facing camera for the best view. This feature supports up to two participants. If more than two people are detected, the system will keep the current layout and stop automatic switching.

To set up Presenter Mode :

- 1. Go to **Settings > ConnectAI** > click **Set** to configure settings.
- 2. Enable **Presenter Mode** to automatically select the camera with the best front-facing view and switch it to the main PiP window when two participants are detected.



- 3. Select the **Front** and **Rear** cameras, then click **Setup** to configure their **Presets**.
- 4. Use pan, tilt and zoom controls on the PTZ control panel to position your camera and click **Save** to save that position.



- 5. Adjust the Switching Sensitivity to control the speed of camera transition.
- 6. Toggle the PiP function on or off.

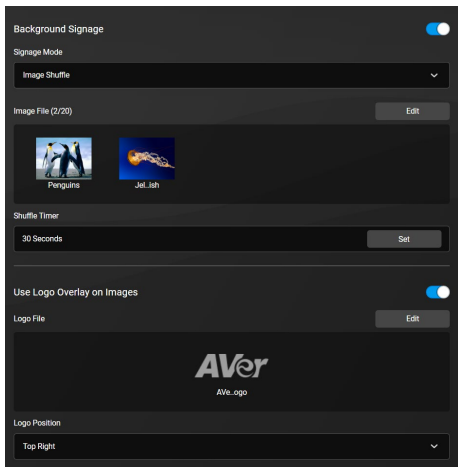
Customize Background Signage

Upload Images and Videos

When no input source is connected, the HDMI output displays custom images and logos for welcome messages or announcements.

To customized Background Signage:

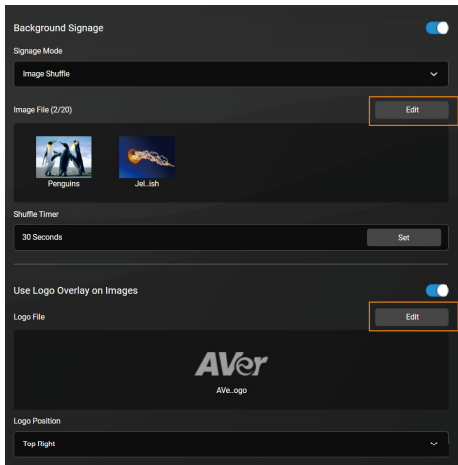
1. On the homepage, go to **Hub > Settings**
2. Toggle on the Background Signage.



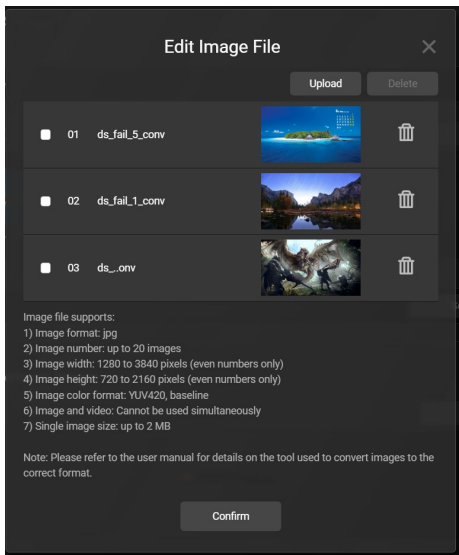
Item	Description
Signage Mode	• Image Shuffle • Video
Image File	After selecting Image Shuffle in Signage Mode, follow the on-screen instructions to upload images. You can upload up to 20 images at a time.
Video File	After selecting Video in Signage Mode, follow the on-screen instructions to upload a video.
Edit	Upload and delete images.
Shuffle Timer	Set the shuffle duration for images.
Use Logo Overlay on Images	Enable to display a logo overlay on images. This feature is not supported when Video is selected in Signage Mode.
Logo Position	Select the logo position.

Edit the custom background signage :

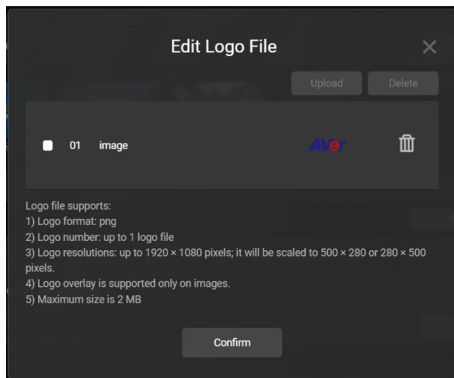
1. On the homepage, go to **Hub > Settings > Background Signage > Signage Mode**
2. Select the custom background signage you want to edit, either **Image Shuffle** or **Video**.



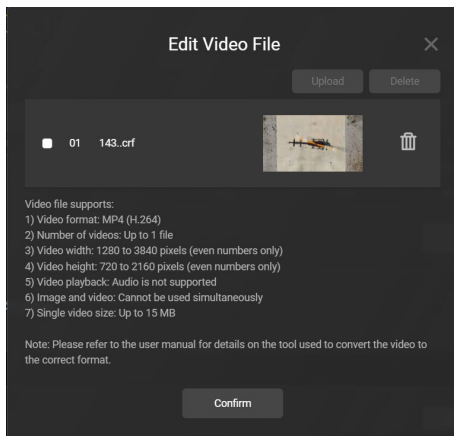
3. Click **Edit** to configure the settings.
- Upload or delete images according to the on-screen instructions.



- Upload or delete the logo according to the on-screen instructions.



- Upload or delete videos according to the on-screen instructions.

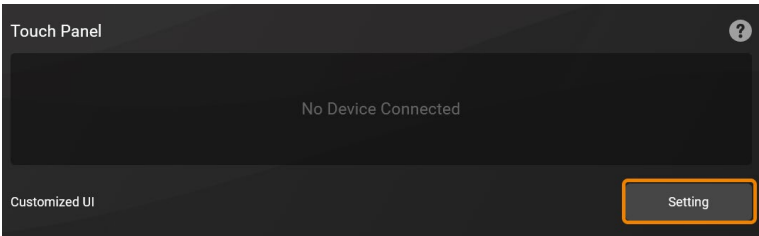


4. Once edits are complete, click **Confirm**.

Customize UI

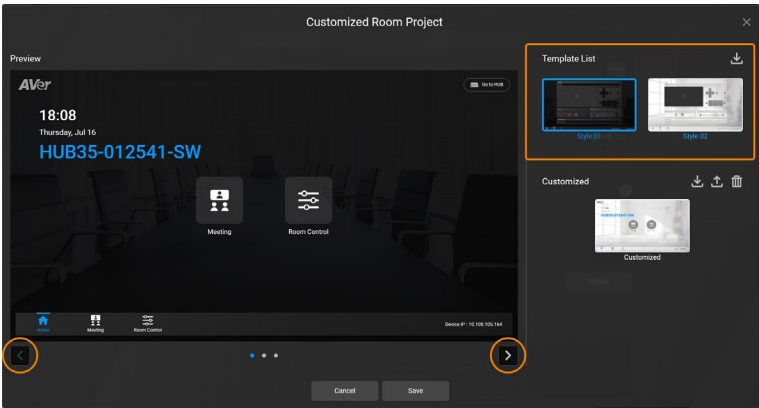
Step 1: Preview and download template

- 1. Go to **Peripherals > Customized UI > Setting**.

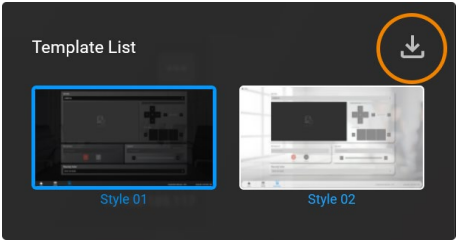


- 2. Select the default templates to preview different styles.

Click **next/previous** button to preview Home, Meeting, Room Control pages.



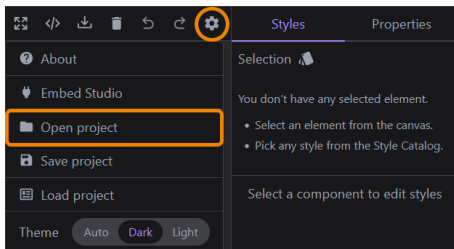
- 3. Click the **download** icon to download the template you selected.



Step 2: Customize template in GrapesJS Studio

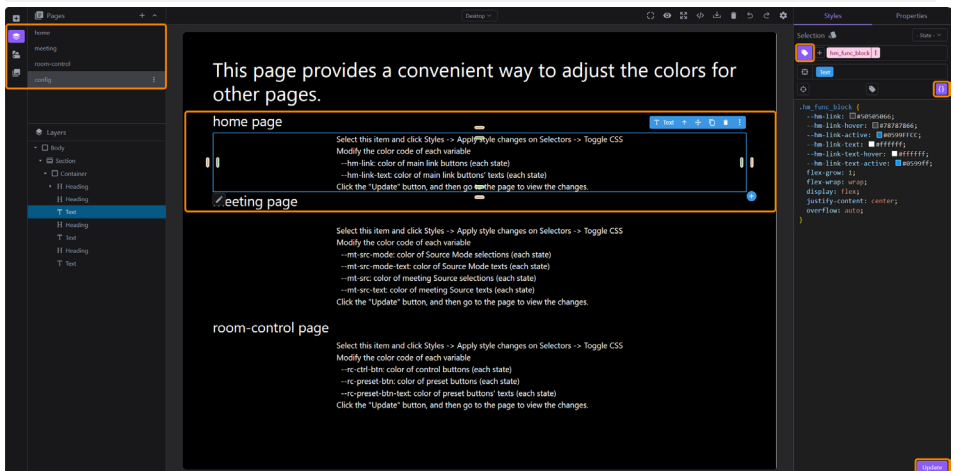
You can use the online editor of GrapesJS Studio to customize the downloaded template.

1. Unzip the template file, and you will find the project file of GrapesJS Studio (e.g. gjs-project.grapesjs) inside.
2. Go to the [GrapesJS Studio website](#).
3. Click the **gear** icon in the top bar, click **Open project**, then select the project file of GrapesJS Studio to open it.



4. Go to the **Pages** panel on the left > click **home**, **meeting** or **room control** to edit that page.

Note: We also provide color variables for commonly used components on the config page for quick edits. To edit on the config page, follow the instructions below:



- ① Go to the **Pages** panel on the left > **config**.
- ② Select a page on the canvas you want to edit.

- ③ Go to the **Styles** panel on the right, click the **Apply style changes on Selectors** icon and the **Toggle CSS** icon.
 - ④ Check the variable description to determine the element you want to edit and then edit the color code of the variable.
 - ⑤ Click **Update**, then go to the corresponding page in the **Pages** panel to view the changes.
5. When you have finished customizing, you can export the project to a zip file. Click the **code** icon in the top bar and click **Export to ZIP** in the window.

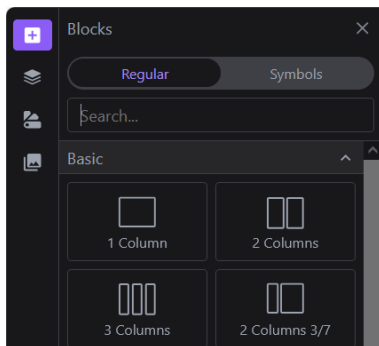


- **Quick tour:**

The Canvas (Center)

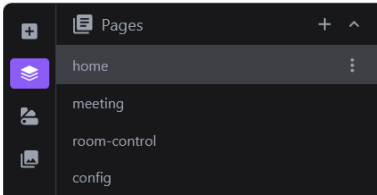
This is your main workspace where you see your page layout visually. You can click on any element to select it, move it around, or double-click text to type directly on the screen.

The Blocks panel (Left)



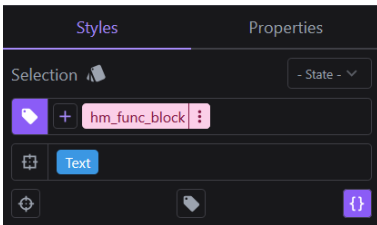
This contains your building blocks. You can drag and drop elements onto the canvas.

The Pages & Layers panel (Left)



You can switch pages in the Pages panel. The Layers panel shows the hierarchical tree view of current page. It is useful for finding nested components.

The Styles panel (Right)



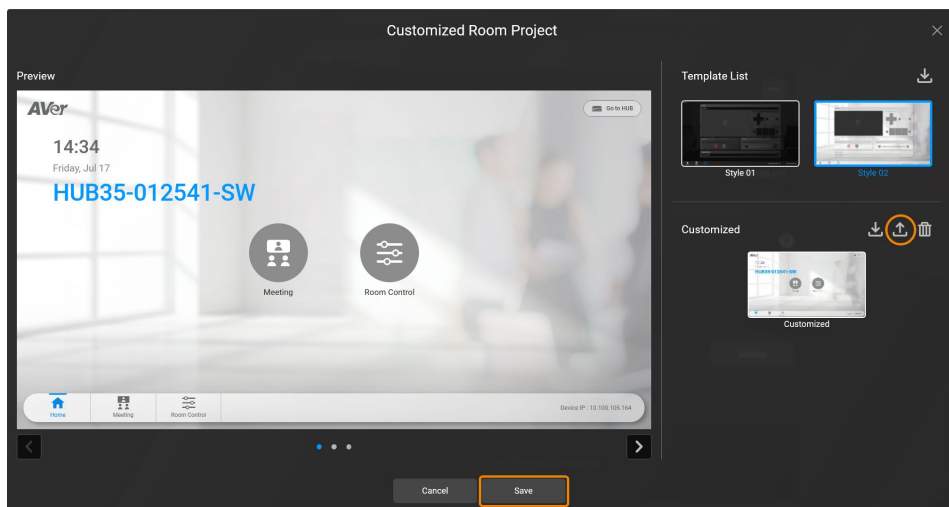
Once you select an element on the canvas, this panel controls its styling. You can adjust settings such as layout, size, space, typography, background, and borders.

Step 3: Upload customized template

1. Click the **upload** icon to upload the customized file.

Uploading a customized file will delete the existing customized file.

2. Click **Save** to apply the selected template.



Configure Device Settings

To configure device settings, click **Go to HUB** in the upper-right corner on the homepage.

Status

HUB Device

Model Name

HUB30

IP Address

192.168.1.100

Serial Number

0123456789000

MAC Address

av:er36:69:b3:5a

Firmware Version

0.0.0000.20

MCU Firmware Version

C902F9F6

Inputs

Inputs	Detection	Source	Resolution	USB Charging
Input 1	Yes	USB-C	1920x1080@60	Yes
Input 2	Yes	USB-C	1920x1080@60	Not Support
Input 3	Yes	USB-B/HDMI	1920x1080@60	Not Support
Input 4	No	N/A	-	-

The **Status** page displays the device’s input, output and peripheral connections.

Settings

General

Room Name

Aver Conf. Room

Edit

Inputs

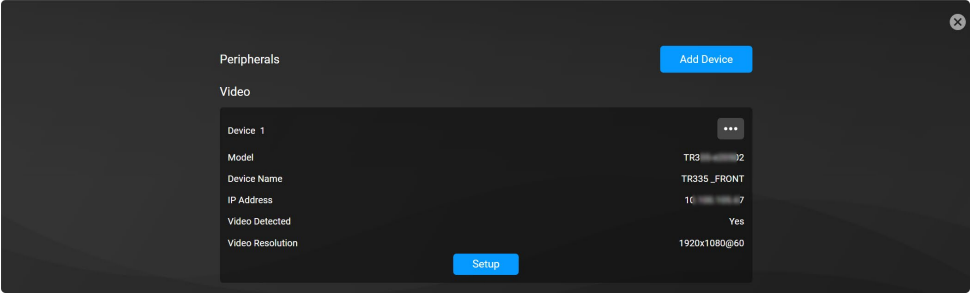
Inputs	Detection	Source	Resolution	USB-Charging
Input 1	Yes	USB-C	1920x1080@60	Yes
Input 2	Yes	USB-C	1920x1080@60	Not Support
Input 3	Yes	USB-B/HDMI	1920x1080@60	Not Support
Input 4	No	N/A	-	-

Display Control

Auto Power

Item	Description
General	Change the room name.
Input	Change the resolution from the drop-down list.
Display Control	- Auto Power: Turn on to automatically power off CEC-enabled HDMI displays after a specified period of inactivity, when no input signal is detected. The displays will power on immediately once an input signal is detected again. - CEC Command: Power on or off CEC-enabled HDMI displays.
Screenshare PIN Code	Turn on to require a PIN code before allowing screen sharing.
Streaming Output	Select how to send video to your video conferencing software—using a USB camera, an IP camera, or AI-powered framing with ConnectAI.
Direct Camera Access	Enable to let the conferencing device detect the USB camera directly.
USB Network Bridge	Enable to provide network connectivity to a computer via USB-C or USB-B, compatible with Windows 10 (version 1903 or later) and macOS 10.11 or later. The computer must be set to obtain an IP address automatically (DHCP). Hub assigns IPs in the range 192.168.10.50–150 and bridges USB networking to Ethernet for external access. Only the selected input source computer can use this function.
ConnectAI	Refer to < ConnectAI > for configurations.

Peripherals



The Peripherals page lets you add AVer peripherals over IP.

1. Add Device

Auto search for available devices on the same LAN. Follow the instructions in <[Room Control](#)> to add peripherals over IP.

2. More options

Edit, reboot or delete the added peripherals.

3. Setup

See the camera live view, use pan, tilt and zoom controls, and save presets.

Network

DHCP

Hostname

AVer

IP Address

10.100.90.24

Netmask

255.255.255.0

Gateway

10.100.90.254

DNS

10.100.1.6

Confirm

Item	Description
DHCP	Turn DHCP on or off.
Hostname	The default hostname is [Model name]-[last 6 digits of MAC Address]. <i>Example: HUB30-3a8292</i>
IP Address	Turn off DHCP first, then enter your network settings to set up a static IP connection.
Netmask	
Gateway	
DNS	

System

HUB Device

Model Name

HUB30

IP Address

192.168.160.156

Serial Number

5100492500014

MAC Address

00:18:1a:10:f7:db

Firmware Version

0.0.0000.09

MCU Firmware Version

92C97C53

Firmware Upgrade

No file chosen

Choose File

Upgrade

Factory Default

Reset To Factory Default

Device Reboot

Reboot

Date/Time

NTP

NTP Time Server

pool.ntp.org

Set NTP Server

Time Zone

(GMT+08:00) Taipei

Item	Description
HUB Device	Displays device information such as the IP address.
Firmware Upgrade	- Download the latest firmware from AVer Download Center (https://www.aver.com/download-center). - Reset the device to factory default settings.
Device Reboot	Reboot the device.
Date/Time	Set the date and time. Turn on Network Time Protocol (NTP) server to synchronize the clock and select a time zone.

Security

Web Setup Page Login

Admin Account

Username

2

Password

Change

User Account

Username

user2

Password

Change

System Setting

Export Setting

Import Setting

Debug File

Language

English

Help us improve

☒ Allow anonymous usage data

i

Item	Description
Security	Change your login for admin and user account. - Admin: The default username/password is admin/admin. - User: The default username/password is user/user.
System Settings	- Export or import the device settings and save debug files. - Language: Change the web interface language. - Help us improve: Opt-in or opt-out of providing anonymous usage data.

Specifications

HOST	Input 1	1x USB-C DP Alt Mode, up to 4K60, USB 3.0 (USB 3.1 Gen 1), Max. 100W Charging
	Input 2	1x USB-C DP Alt Mode, up to 4K60, USB 3.0 (USB 3.1 Gen 1)
	Input 3	1x USB-B 3.0
		1x HDMI (4K60)
	Input 4	1x USB-B 3.0
		1x HDMI (4K60)
USB Devices	USB-C Charging	Yes USB Type-C charging on Input 1, up to 100W
	Devices	4x USB-A 3.0
HDMI Display Output	USB Pass-through	Yes e.g., Touchback control on IFP
	Output	2x HDMI out
	HDMI Display Output Mode	2x Duplicate, Extend
	Audio HDMI	Yes Audio pass-through from input to output
Video - HDMI	Resolution	Up to UHD/4K@60Hz 4:4:4
	Signal Type	DP Alt Mode, HDMI 2.0, HDMI 1.4
	CEC	Yes Ability to send CEC commands to connected HDMI display sink
	Color Space	RGB, YCbCr
Audio - HDMI	Audio	Audio pass-through from input to output
	Formats	All HDMI2.0 audio formats
Control	LAN	1x 100Base-T via RJ-45 for Secure Control
	RS-232	1x Terminal Block 3-pole
	Touch Control Panel	Yes, can be paired up with AVer CP10 G2 via BYOM Controller App
General	Power Requirement	DC 24V/7.5A
	Power Consumption	152W
	Powering	External 180W power supply

	Dimensions (W x H x D)	270 mm x 42.4 mm x 175 mm
	Net Weight	1.34 (±0.1) kg
	Security	Kensington Slot
	Operating Conditions	Temperature : 0 °C to +45 °C ; Humidity : 20% to 80%
	Storage Conditions	Temperature : -20 °C to +60 °C ; Humidity: 20% to 95%
	Installation	Rack mountable. Under the table, inside the podium, behind the display
LED Indicator	Power/Status LED	Green (Solid) - Device is powered on and operational Green (Flashing) - Device is under firmware upgrade Orange (Solid) - The device is under standby Orange (Flashing) - Device is under factory reset
	USB-C Charging/Status LED	Green (Solid) - Device is charging the resource
	INPUT 1/2/3/4	Green (Solid) - Connected
	OUTPUT 1/2	Green (Solid) - Connected
Interface	USB-C	2x
	USB-B	2x
	HDMI In	2x
	HDMI Out	2x
	USB-A	4x
	Ethernet	1x RJ45
	RS-232	1x
	Power Input	1x DC 24V
	Button	Power, Reset (Recessed)
Package Contents	1	HUB30 (1x)
	2	Power Adapter & Power Cord (1x)
	3	Cable Fixing Plate (2x)
	4	Cable Tie (18x)
	5	M3 x 5.0mm Truss Head Screw (8x)
	6	M3 x 10mm Screws (4x)
	7	Rack Mount Bracket (2x)
	8	USB 3.1 Type C (USB-C) to Type C (USB-C) Cable, 2 m/6 ft (1x)

	9	USB 3.0 Cable (USB-A to USB-B), 1.5 m/4.92 ft (1x)
	10	8-Pos Connector (1x)
	11	Quick Start Guide (1x)
Warranty	5 Years	

Specifications are subject to change without prior notice.

Troubleshoot

Does the HUB30 support USB-C Multi-Stream Transport (MST)?

No, the HUB30 doesn't support USB-C MST. To extend up to two displays via USB, go to **Meeting** > select **Single Source – Extend** on the device's web interface.

Can't add audio/video peripherals for Room Control.

- Make sure the peripherals are connected to the same LAN as your device.
- Make sure you are using <[Supported AVer Peripherals](#)>.

Can't enable ConnectAI when connecting two cameras.

- Make sure the peripherals are connected to the same LAN as your device.
- Make sure you have added cameras over IP on the device web interface or the CP10 G2.

When customizing background signage, using third-party conversion tools.

- Video conversion: <https://video.online-convert.com/convert-to-mp4>
Upload your video via **Choose File** > Under **Choose a Preset**, select 1920x1080 Full HD 30p, h.264. > Set file size to 15 MB > Check **Disable audio track** > Click **START**.
- Image conversion: <https://image.online-convert.com/convert-to-jpg>
Upload your image via **Choose File** > Set **Width** to 1920 px and **Height** to 1080 px > Under **Set the chroma sub-sampling method to use**, select 4:2:0 > Click **START**.

Appendix

VISCA Command Table

The device can be controlled via VISCA over IP and VISCA over RS-232 commands.

VISCA over IP

PORT

Internet protocol	IPv4
Transport protocol	UDP
Port address	52381

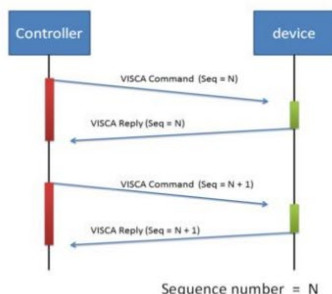
FORMAT

	byte 0	byte 1	byte 2	byte 3	byte 4	byte 5	byte 6	byte 7	byte8 ~~~~ byte23
func	Payload type		Payload length		Sequence number				Payload (1 to 16 bytes)
data	Value1	Value2	1~16 (0x001~0x010)		0X00000000 ~ 0XFFFFFFF				VISCA Packet (see page VISCA)

Payload type

Name	Value1	Value2	Description
VISCA command	0x01	0x00	Stores the VISCA command.
VISCA inquiry	0x01	0x10	Stores the VISCA inquiry.
VISCA reply	0x01	0x11	Stores the reply for the VISCA command or VISCA inquiry

Sequence number



Command	Comments	Command Packet
Power Off		81 01 04 00 03 FF
Reboot		81 01 04 A4 FF
Mode	Signal - Duplicate	81 01 36 69 07 37 01 01 FF
	Signal – Extend	81 01 36 69 07 37 01 02 FF
	2 Sources	81 01 36 69 07 37 01 03 FF
Host	Input 1	81 01 36 69 07 37 02 01 FF
	Input 2	81 01 36 69 07 37 02 02 FF
	Input 3	81 01 36 69 07 37 02 03 FF
	Input 4	81 01 36 69 07 37 02 04 FF
	LAN	81 01 36 69 07 37 02 08 FF
Output Toggle		81 01 36 69 07 37 04 00 FF