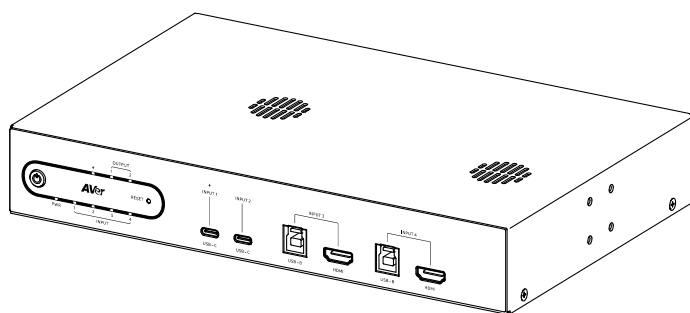




# HUB30

## 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。

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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>

## Contact Information

### Headquarters

AVer Information Inc.  
8F, No.157, Da-An Rd.,  
Tucheng Dist., New Taipei City  
236042, Taiwan  
Tel: +886 (2) 2269 8535

### USA Branch Office

AVer Information Inc., Americas  
44061 Nobel Drive, Fremont, CA  
94538, USA  
Tel: +1 (408) 263 3828  
Toll-free: +1 (877) 528 7824

### Europe Branch Office

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

### Japan Branch Office

アバー・インフォメーション株式会社  
〒160-0023 日本東京都新宿区  
西新宿 3-2-26 立花新宿ビル 7  
階  
Tel: +81 (0) 3 5989 0290  
お客様サポートセンター(固定電  
話のみ): +81 (0) 120 008 382

### Vietnam Branch Office

Công ty TNHH AVer Information  
(Việt Nam)  
Tầng 5, 596 Nguyễn Đình  
Chiểu, P.3, Quận 3, Thành phố  
Hồ Chí Minh 700000, Việt Nam  
Tel: +84 (0) 28 22 539 211  
Hỗ trợ kỹ thuật: +84 (0) 90 70  
080 77

### Korea Office

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

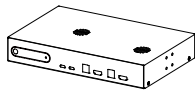
# Contents

|                                                                             |           |
|-----------------------------------------------------------------------------|-----------|
| <b>Overview .....</b>                                                       | <b>1</b>  |
| Package Contents .....                                                      | 1         |
| Optional Accessories .....                                                  | 1         |
| Parts Info .....                                                            | 2         |
| LED Indicators .....                                                        | 3         |
| Dimensions .....                                                            | 3         |
| <b>Installation .....</b>                                                   | <b>4</b>  |
| Cable Fixing Plate Installation .....                                       | 4         |
| Rack Mount Bracket Installation .....                                       | 4         |
| <b>Connections .....</b>                                                    | <b>5</b>  |
| RS-232 Pinout .....                                                         | 6         |
| <b>Get Started .....</b>                                                    | <b>7</b>  |
| 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        |
| <b>Use Your Device .....</b>                                                | <b>13</b> |
| Homepage .....                                                              | 13        |

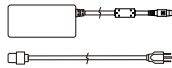
|                                                    |           |
|----------------------------------------------------|-----------|
| Share Screen .....                                 | 15        |
| Switch Inputs/outputs and Rearrange Displays ..... | 17        |
| Video Conferencing .....                           | 19        |
| Control Peripherals in Room Control .....          | 19        |
| Device Pass-through .....                          | 22        |
| Manual Select.....                                 | 23        |
| ConnectAI.....                                     | 24        |
| <b>Configure Device Settings .....</b>             | <b>28</b> |
| Status.....                                        | 28        |
| Settings.....                                      | 29        |
| Peripherals.....                                   | 30        |
| Network.....                                       | 31        |
| System.....                                        | 32        |
| <b>Specifications.....</b>                         | <b>34</b> |
| <b>Troubleshoot .....</b>                          | <b>37</b> |
| <b>Appendix.....</b>                               | <b>38</b> |
| VISCA Command Table .....                          | 38        |

# Overview

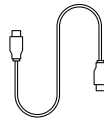
## Package Contents



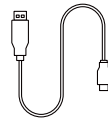
HUB30



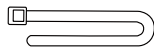
Power Adapter &  
Power Cord



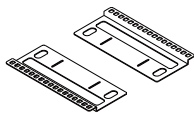
USB-C to C 3.2 Gen 2  
Cable (2 m / 6 ft)



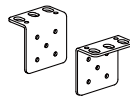
USB-A to B 3.0 Cable  
(1.5 m / 4.92 ft)



Cable Tie (x17)



Cable Fixing Plate  
(x2)



Rack Mount Bracket  
(x2)



Phoenix® 8-Pos  
Connector



M3 x 5.0 mm Truss  
Head Screw (x8)

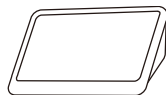


M3 x 10 mm  
Screw (x4)



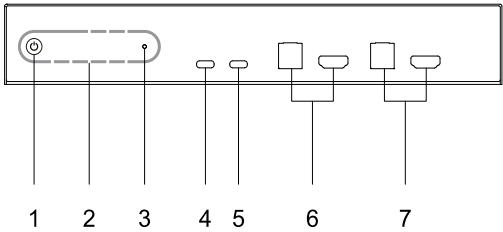
Quick Start Guide

## Optional Accessories



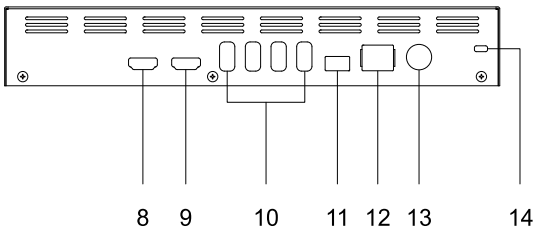
CP10 G2  
Collaboration Touch  
Panel

# Parts Info



## Front View

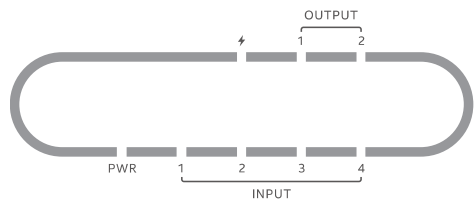
- 1. Power Button
- 2. LED Indicators
- 3. Reset Hole
- 4. Input 1: USB-C 3.0 Port with Charging
- 5. Input 2: USB-C 3.0 Port
- 6. Input 3: USB-B 3.0 / HDMI Ports
- 7. Input 4: USB-B 3.0 / HDMI Ports



## Rear View

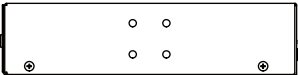
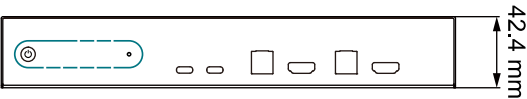
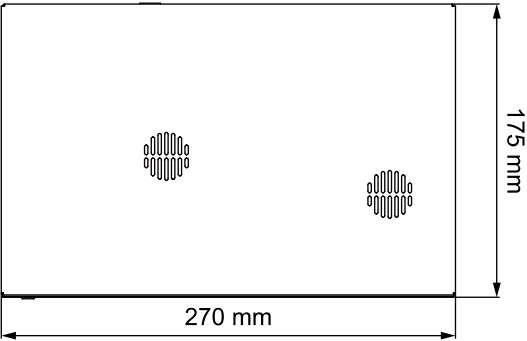
- 8. HDMI Output Port 1
- 9. HDMI Output Port 2
- 10. USB-A 3.0 Ports
- 11. RS-232 Port
- 12. Ethernet Port
- 13. DC Power Jack
- 14. Kensington Lock

# 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       |

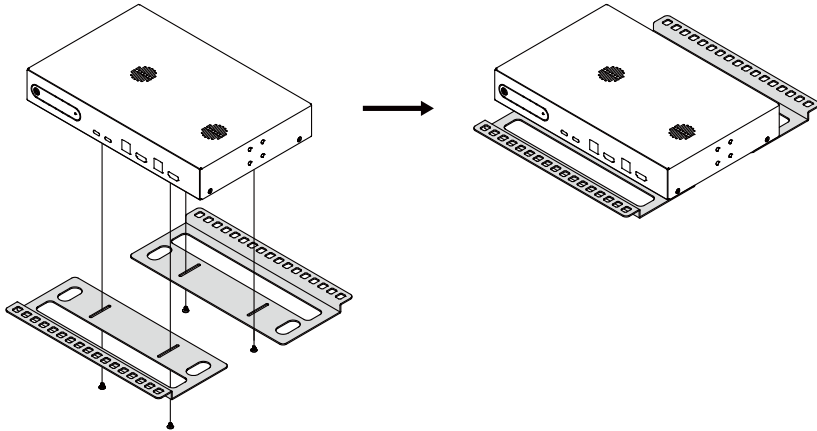
# Dimensions



# Installation

## Cable Fixing Plate Installation

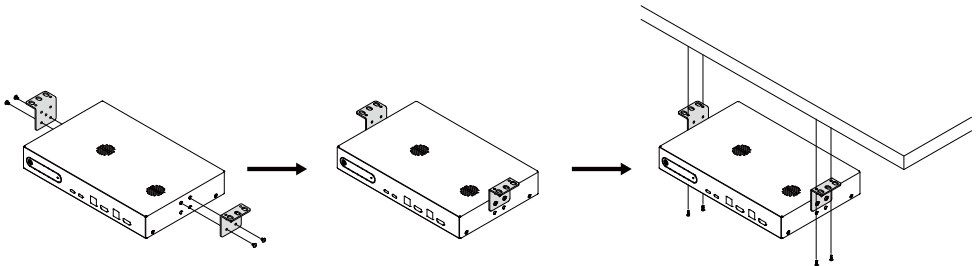
1. Secure the cable fixing plate to the device with the included M3 x 5.0 mm screws (x4).
2. Connect the cables.
3. Use the cable ties to secure the cables and cable fixing plate.



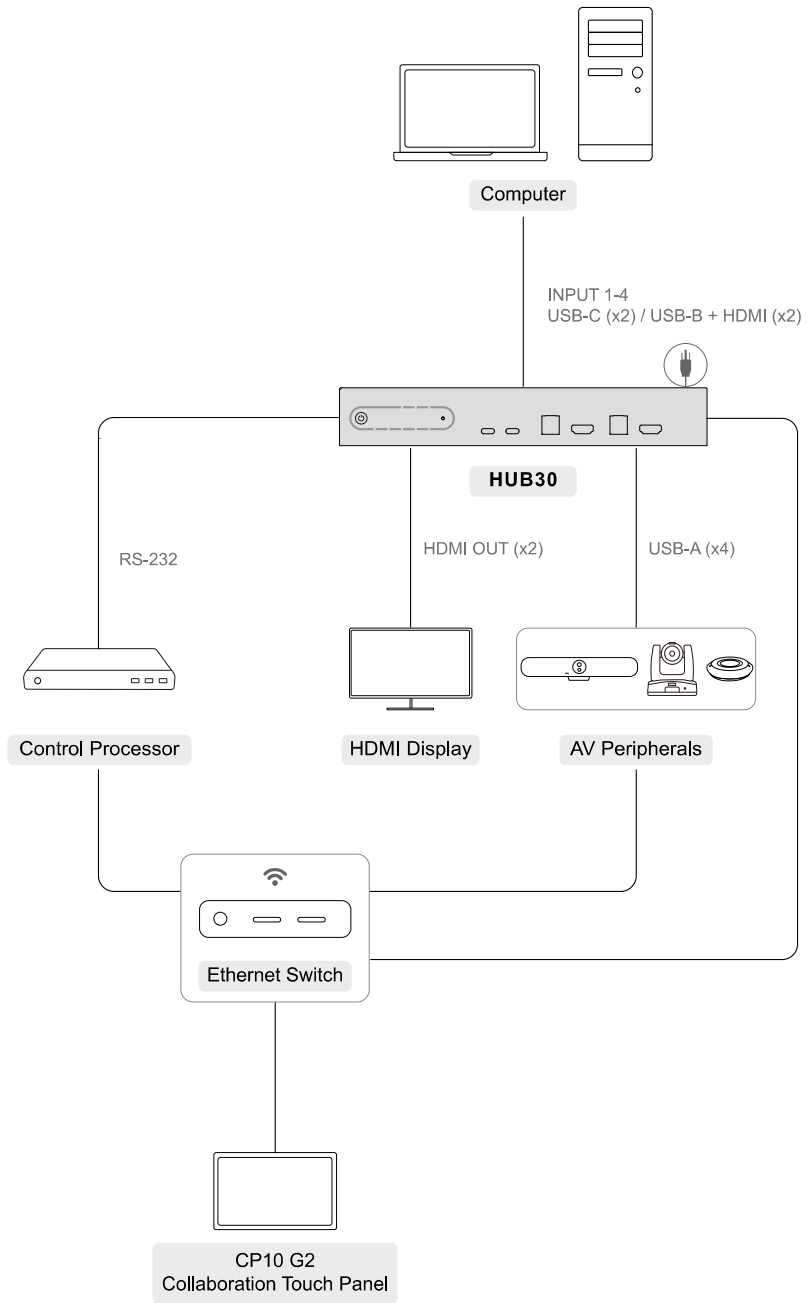
## Rack Mount Bracket Installation

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.



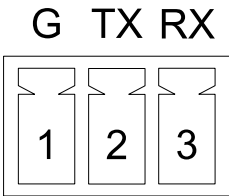
# Connections



| 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<sup>®</sup> 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 |

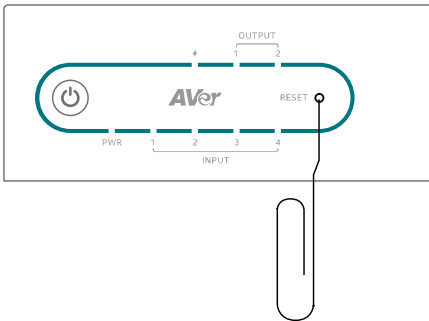
# Get Started

## 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                 | <ul style="list-style-type: none"><li>[Model name]-[last 6 digits of MAC Address]<br/><i>Example: HUB30-3a8292</i></li><li>Find the MAC address on the bottom or rear of the device.</li></ul> |
| 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.

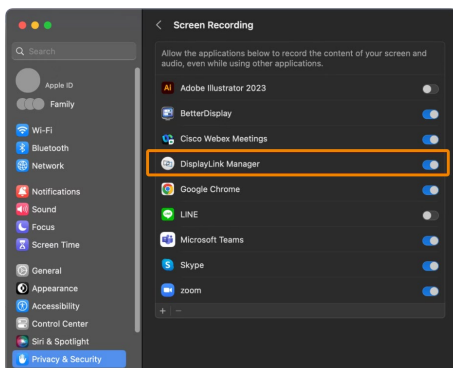
## Install the DisplayLink Driver

### • 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 | TR323NV2   |
| TR335  | TR333V2    |
| TR335N | PTC310HWV2 |
| TR535N | 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 |

Last updated: August, 2025

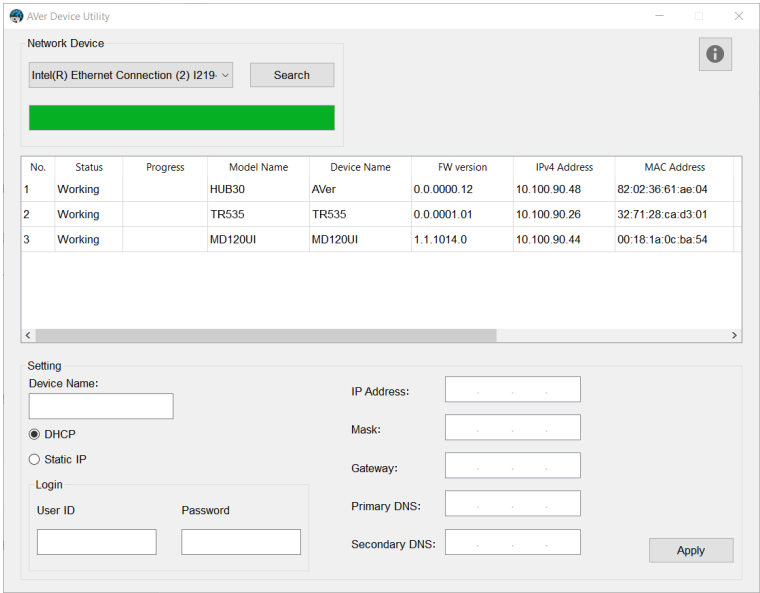
# Access the Web Interface

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.

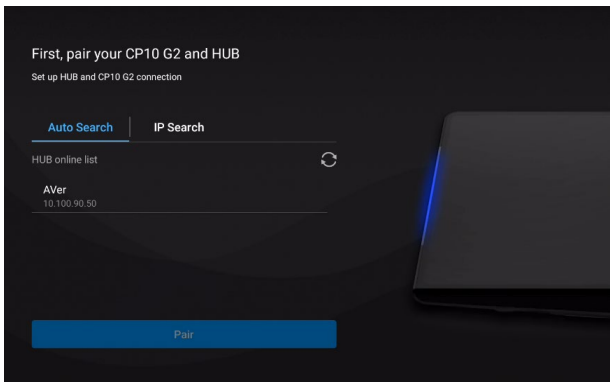
# Pair with AVer CP10 G2 Collaboration Touch Panel (Optional Accessory)

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.



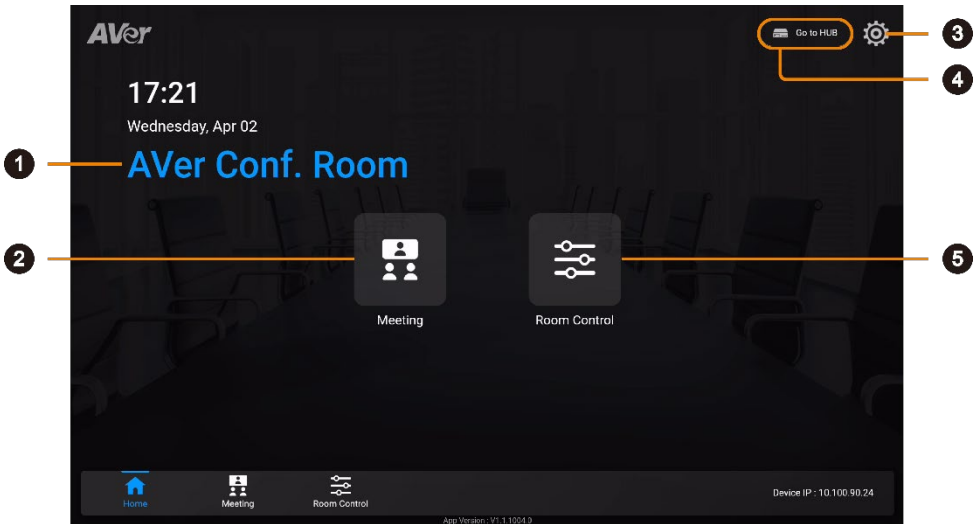
3. Tap to select your device, tap **Pair**, then enter the username and password to start pairing.

# 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**

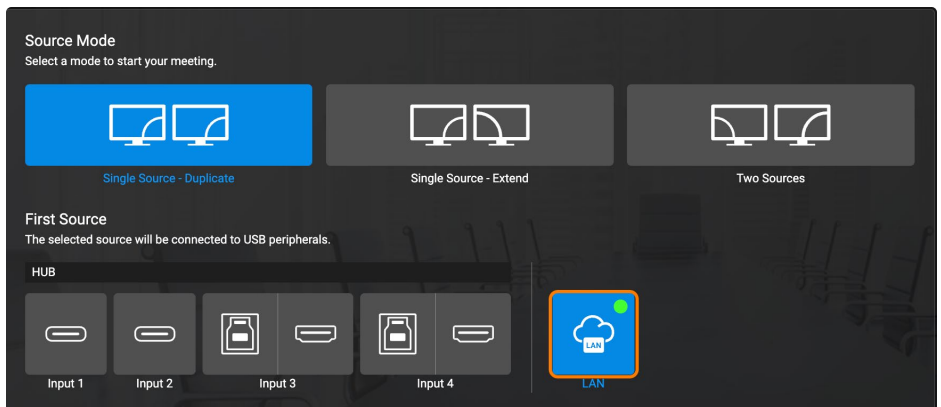
To share your computer screen, connect your computer to an input port using a USB-C, USB-B or HDMI cable, then connect an HDMI display to an HDMI output port using an HDMI cable.

**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.

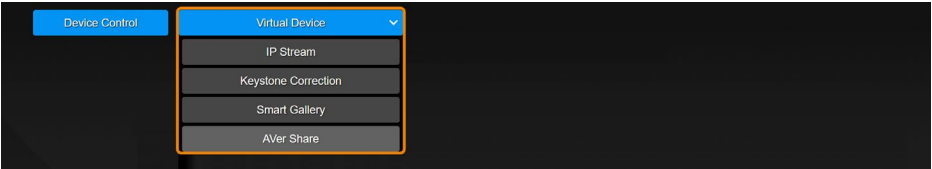


3. Download and install Room Management to your computer from AVer Download Center (<https://www.aver.com/Downloads/search?q=Room%20Management>) and open the software.

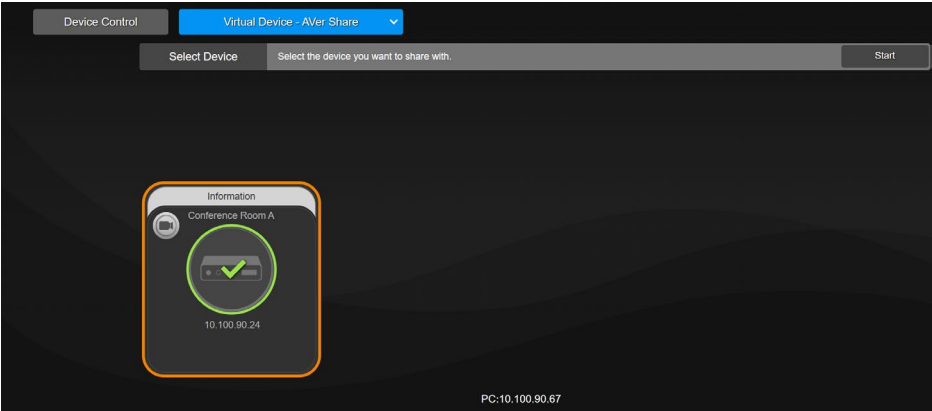
**Note:**

- 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**.

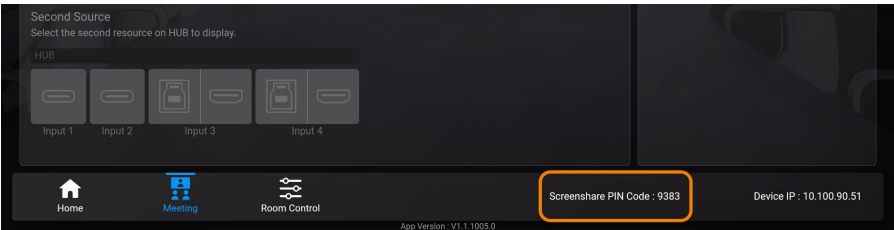


5. Select a device to connect. Click **Start**.



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.

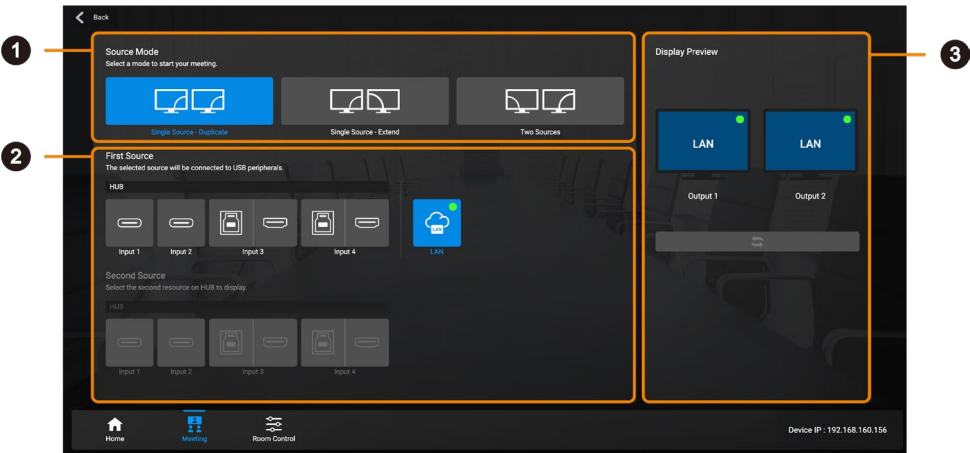


- To set up a pin code, on the device's web interface or the CP10 G2, go to **Go to HUB > System > Screenshare PIN Code**.

# 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<br><br>Connect two HDMI displays to enable this mode.<br>A total of 3 displays are available: your computer and two HDMI displays. |
| See two inputs, one on each display.                                                                                                      | Two Sources<br><br>Connect two HDMI displays to enable this mode.                                                                                         |

2. Input Sources

Select up to 2 input sources.

|                                                                                   |                                                                       |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------|
|  | Can be selected                                                       |
|  | Selected                                                              |
|  | Selected, and UVC signals can be routed to the connected input source |

3. Display Preview

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



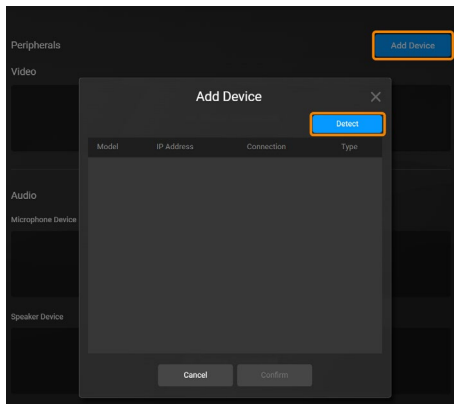
# Video Conferencing

## 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](#)>.

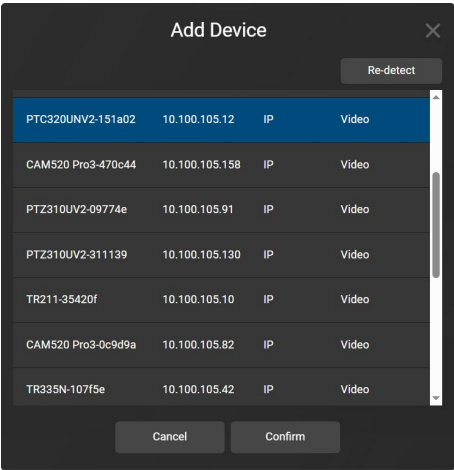
### To add AVer peripherals:

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**.



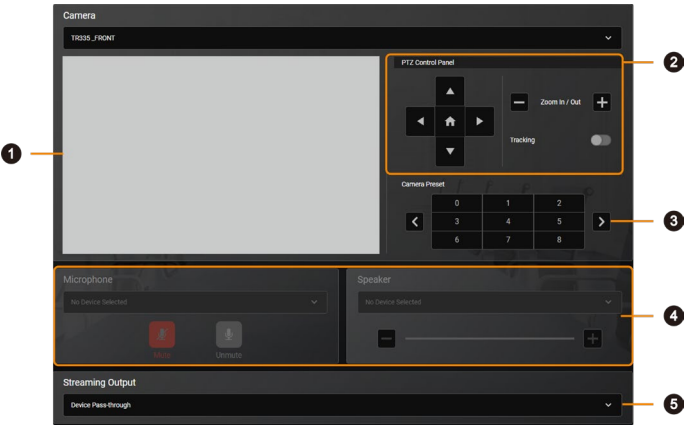
4. Click to select the peripherals you want to add, then click **Confirm**.

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. Camera Live View

2. 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.

### 3. Camera Preset

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

### 4. Microphone and Speaker Control

Requires USB + IP connections.

### 5. 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.

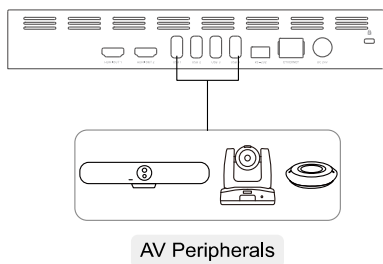
| If you want to                                                                                      | Choose              |
|-----------------------------------------------------------------------------------------------------|---------------------|
| Use USB-connected audio/video peripherals as your video and audio source.                           | Device Pass-through |
| Use an IP-connected camera as your video source.                                                    | Manual Select       |
| Use AI-powered framing with two supported AVer cameras installed at the front and back of the room. | ConnectAI           |

## 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. Connect the computer to an input port, and the audio/video peripherals to the USB-A ports.



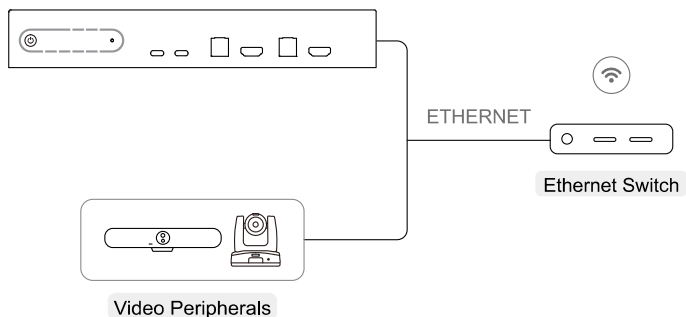
3. Open your video conferencing software and both the HUB30 and USB-connected audio/video peripherals (e.g., AVer TR315, AVer FONE540) will appear. Select the peripherals you want as **audio** and **video**.

## 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.



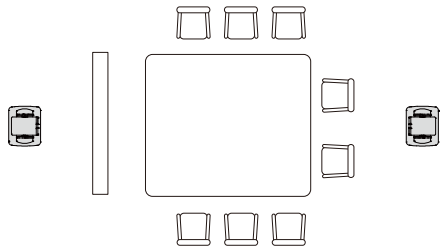
2. Follow the instructions in [Room Control](#) to add cameras over IP.
3. Go to **Room Control** > **Streaming Output** > select **Manual Select** > select an IP-camera you want to use from the drop-down list.
4. Open your video conferencing software and select the HUB30 as **video**.

# 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.

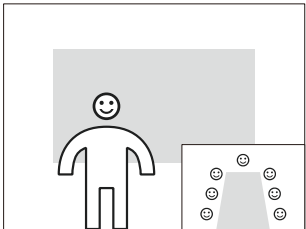
## Senario – Presentation

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



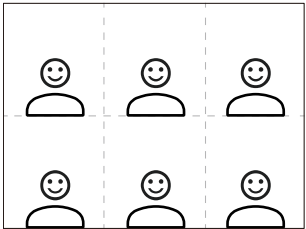
- Define up to 4 presets to frame and follow the presenter.
- When a presenter is detected at the front, ConnectAI creates a picture-in-picture (PiP), with the presenter in the large video and the participants in the small video.

With presenter

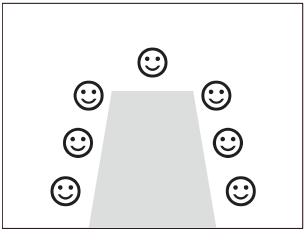


- When no presenter is detected at the front, ConnectAI creates a close-up frame for up to 6 participants or frames the entire group of 7 or more participants on screen.

No presenter



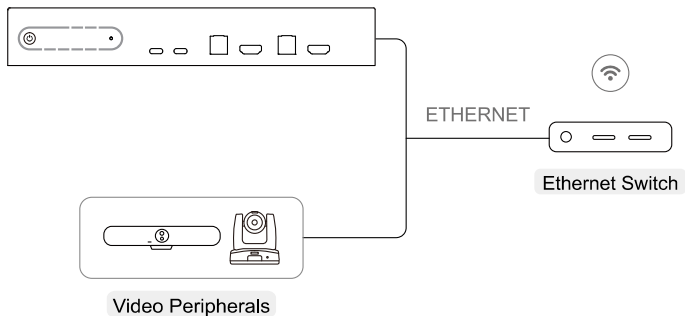
≤ 6 participants  
Smart Composition



> 6 participants  
SmartFrame

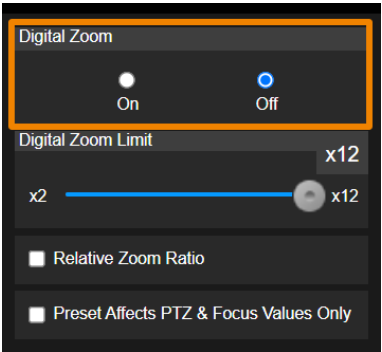
**To set up ConnectAI:**

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

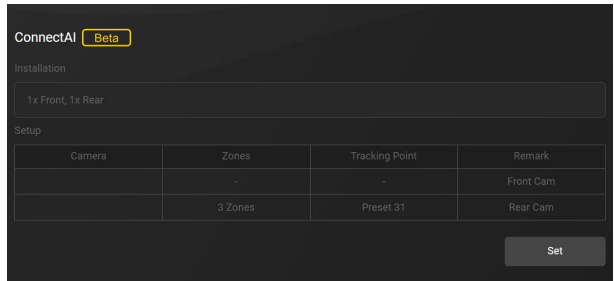


2. Follow the instructions in [Room Control](#) to add cameras over IP.  
For the following cameras, open the camera's web interface, go to **Live View** > Turn off **Digital Zoom**.

|        |            |
|--------|------------|
| 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 and rear cameras. Click **Setup** to define presets for the rear camera.

ConnectAI

Installation

1x Front, 1x Rear

Setup

Front Camera

Select Camera

Rear Camera

Select Camera

Setup

Cancel

Save

6. Select the number of **Zones** (presets) you want to track.

Preset Zone

Alter CAM50

31

32

33

34

PTZ Control Panel

▲

◀

⌂

▶

▼

Zoom In / Out

+

Preset Zone Setting

Preset 31

Save

Delete

Zones

2 Zones

3 Zones

4 Zones

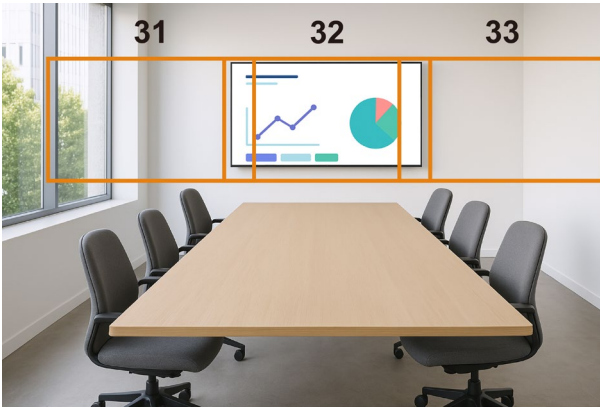
Tracking Point

Preset 31

7. 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 |

8. 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.

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

# Configure Device Settings

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

## Status

HUB Device

Model Name

HUB35

IP Address

10.100.100.10

Serial Number

5100000000000006

MAC Address

ba:7f:eb:34:34:31

Firmware Version

1.0.0.0000

MCU Firmware Version

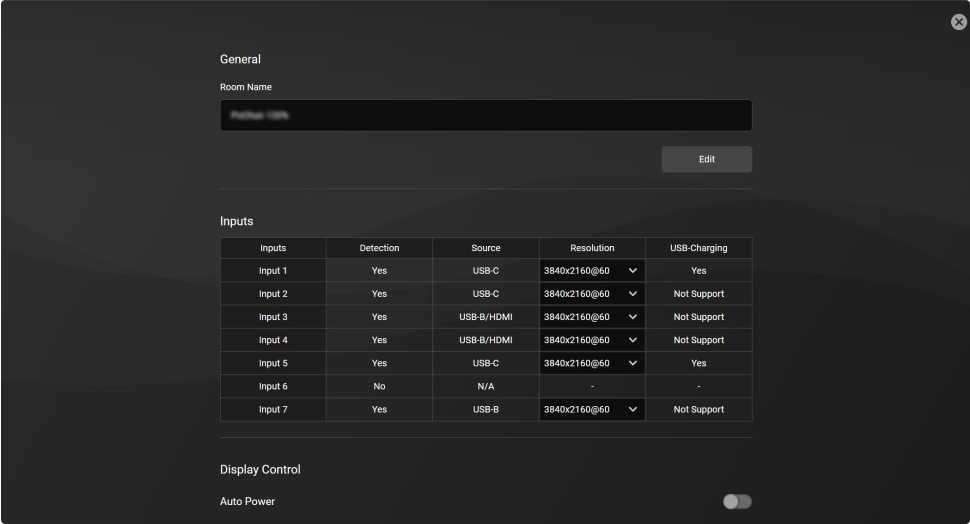
1.0.0.0000

Inputs

| Inputs  | Detection | Source     | Resolution   | USB-Charging |
|---------|-----------|------------|--------------|--------------|
| Input 1 | Yes       | USB-C      | 3840x2160@60 | Yes          |
| Input 2 | Yes       | USB-C      | 3840x2160@60 | Not Support  |
| Input 3 | Yes       | USB-B/HDMI | 3840x2160@60 | Not Support  |
| Input 4 | Yes       | USB-B/HDMI | 3840x2160@60 | Not Support  |
| Input 5 | Yes       | USB-C      | 3840x2160@60 | Yes          |
| Input 6 | No        | N/A        | -            | -            |
| Input 7 | Yes       | USB-B      | 3840x2160@60 | Not Support  |

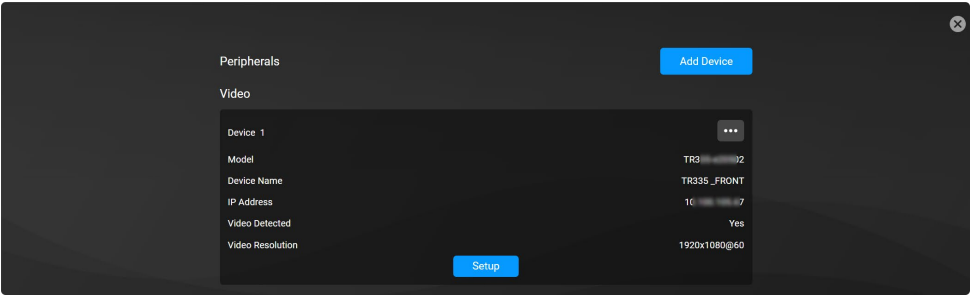
The **Status** page displays the device's input, output and peripheral connections.

# Settings



| Item                 | Description                                                                                                                                                                                                                                                                                                                                       |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General              | Change the room name.                                                                                                                                                                                                                                                                                                                             |
| Input                | Change the resolution from the drop-down list.                                                                                                                                                                                                                                                                                                    |
| Display Control      | <ul style="list-style-type: none"><li>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.</li><li>CEC Command: Power on or off CEC-enabled HDMI displays.</li></ul> |
| 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.                                                                                                                                                                                                              |
| 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].<br><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 | <ul style="list-style-type: none"><li>Download the latest firmware from AVer Download Center (<a href="https://www.aver.com/download-center">https://www.aver.com/download-center</a>).</li><li>Reset the device to factory default settings.</li></ul> |
| Device Reboot    | Reboot the device.                                                                                                                                                                                                                                      |
| Date/Time        | <p>Set the date and time.</p> <p>Turn on Network Time Protocol (NTP) server to synchronize the clock and select a time zone.</p>                                                                                                                        |

Security

Web Setup Page Login

Admin Account

Username

q

Password

\*\*\*\*\*

Change

User Account

Username

user

Password

\*\*\*\*

Change

System Setting

Export Setting

Import Setting

Language

English

▼

| Item            | Description                                                                                                                                                                                                                           |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Security        | <div>Change your login for admin and user account.</div> <ul style="list-style-type: none"><li>Admin: The default username/password is <b>admin/admin</b>.</li><li>User: The default username/password is <b>user/user</b>.</li></ul> |
| System Settings | <ul style="list-style-type: none"><li>Export or import the device settings and save debug files.</li><li>Language: Change the web interface language.</li></ul>                                                                       |

# Specifications

|                     |                          |                                                                                  |
|---------------------|--------------------------|----------------------------------------------------------------------------------|
| HOST                | Input 1                  | 1x USB-C<br>DP Alt Mode, up to 4K60, USB 3.0 (USB 3.1 Gen 1), Max. 100W Charging |
|                     | Input 2                  | 1x USB-C<br>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<br>USB Type-C charging on Input 1, up to 100W                                |
|                     | Devices                  | 4x USB-A 3.0                                                                     |
| HDMI Display Output | USB Pass-through         | Yes<br>e.g., Touchback control on IFP                                            |
|                     | Output                   | 2x HDMI out                                                                      |
|                     | HDMI Display Output Mode | 2x<br>Duplicate, Extend                                                          |
|                     | Audio HDMI               | Yes<br>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<br>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<br>100Base-T via RJ-45 for Secure Control                                     |
|                     | RS-232                   | 1x<br>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<br>Green (Flashing) - Device is under firmware upgrade<br>Orange (Solid) - The device is under standby<br>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 | 3 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.

# 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 |

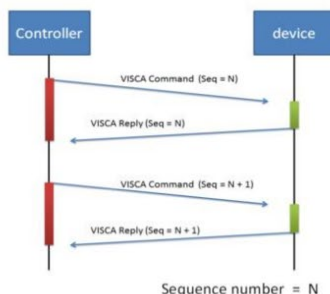
FORMAT

|      | 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 (0x001~0xd010) |        | 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 |