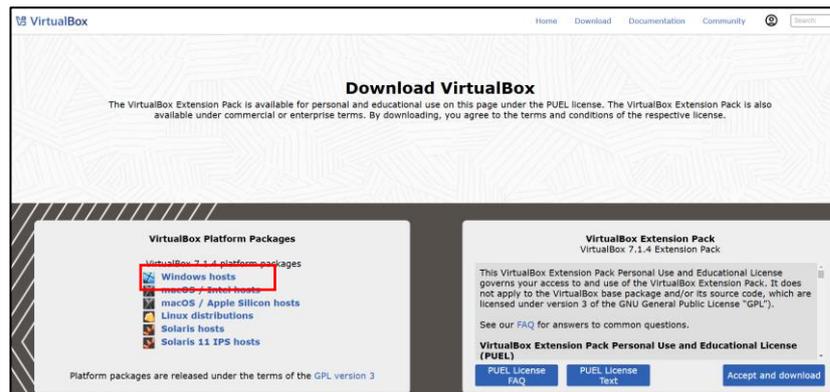


How to use VirtualBox and Control Software

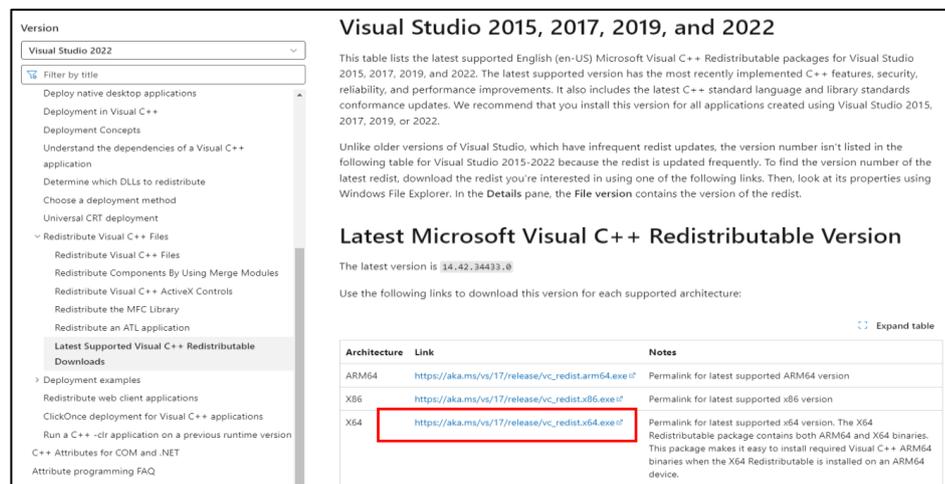
The Control software is a Ubuntu server, so it needs to work on a virtual server when using the Windows system.

	Minimum Requirements
Operating System	Windows 10/11 64 bit
Processor	Intel Core i5-6400, 2.7 GHz
Memory	8 GB RAM
Storage	100 GB available HD space

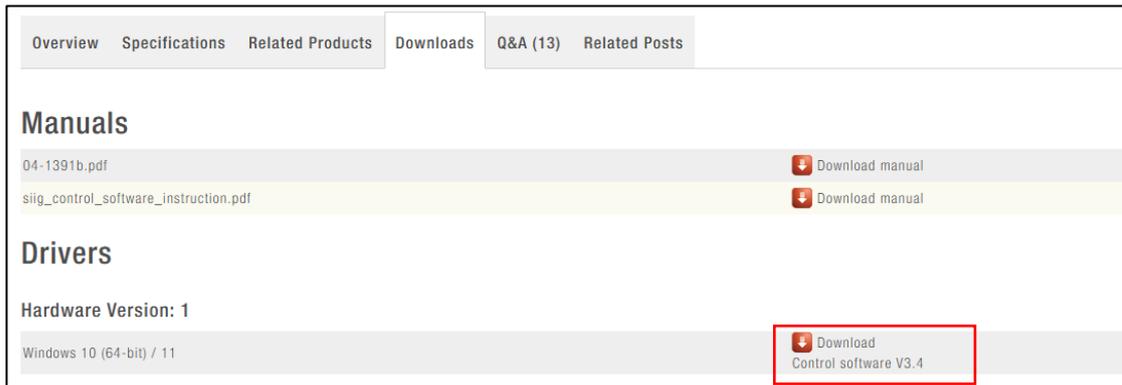
1. Please go to Oracle VM VirtualBox to download the VirtualBox software.
Windows hosts



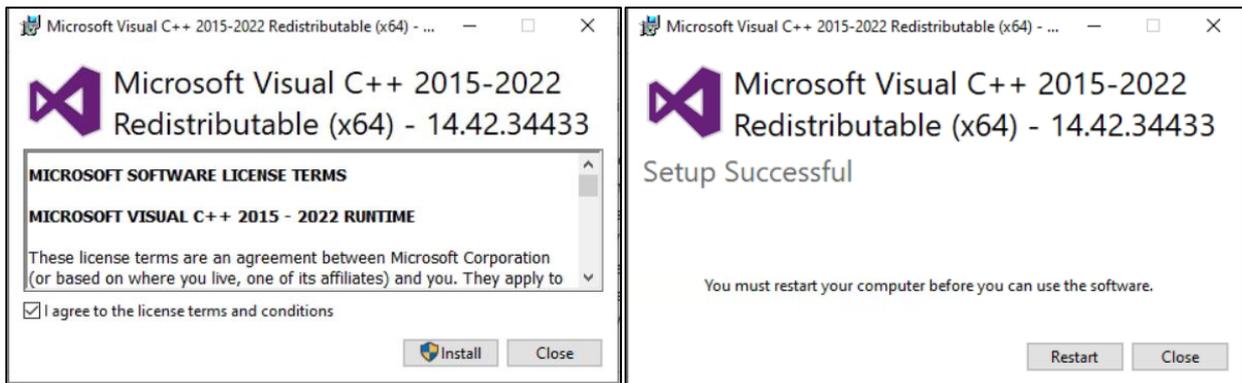
2. Please go to Microsoft to download Microsoft Visual C++ Redistributable **X64 version**



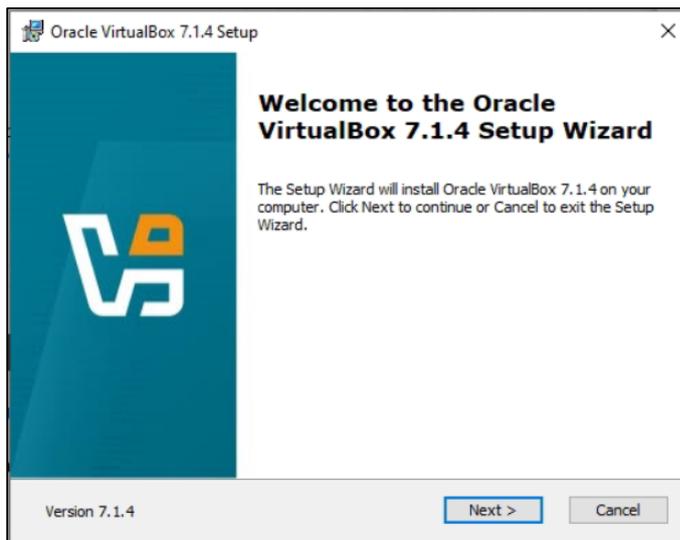
3. Please go to SIIG download the control software

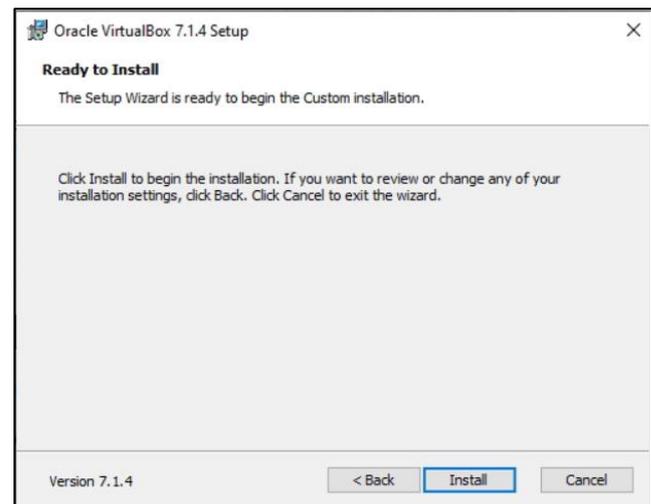
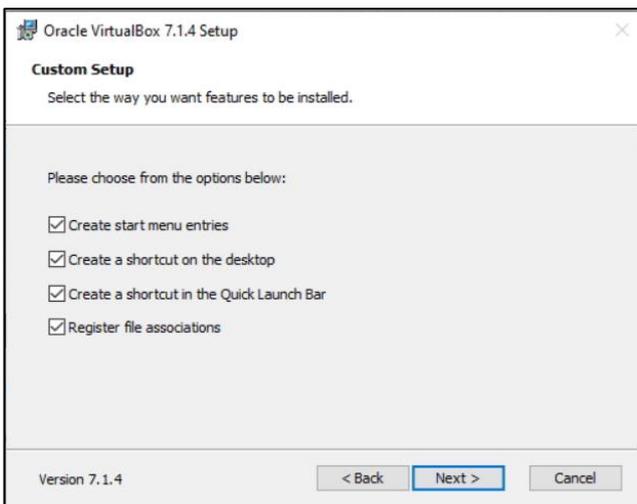
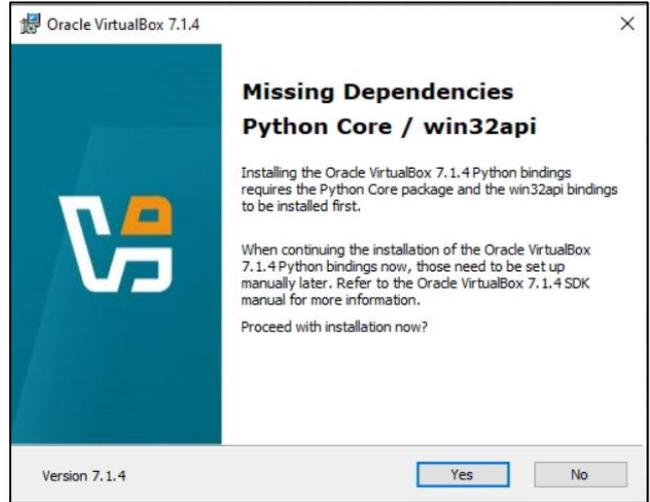
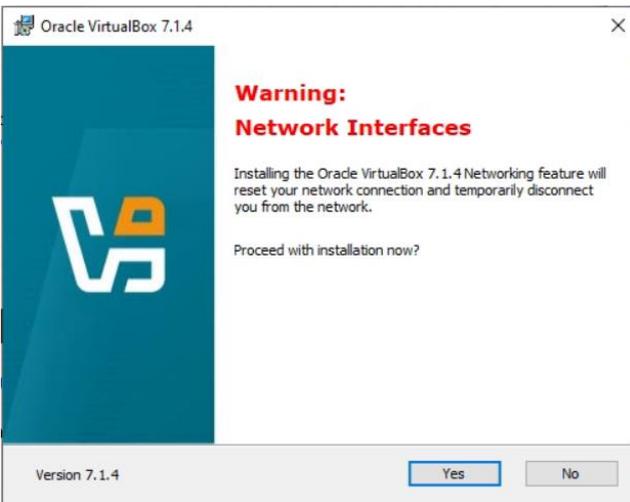
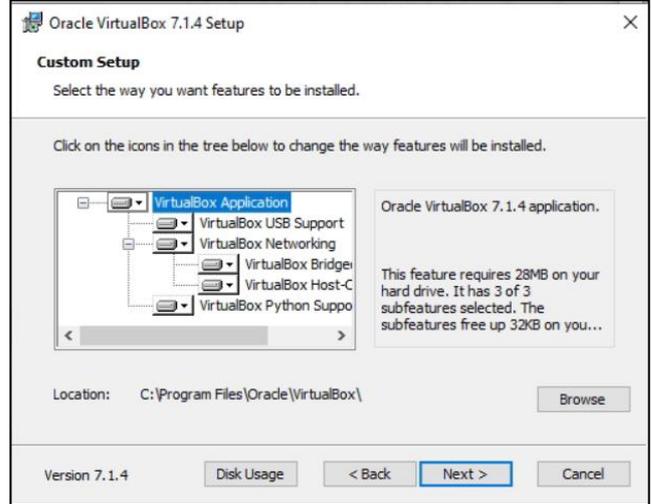
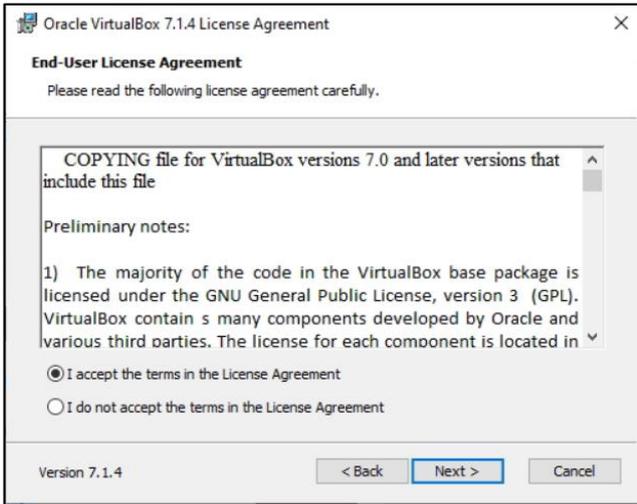


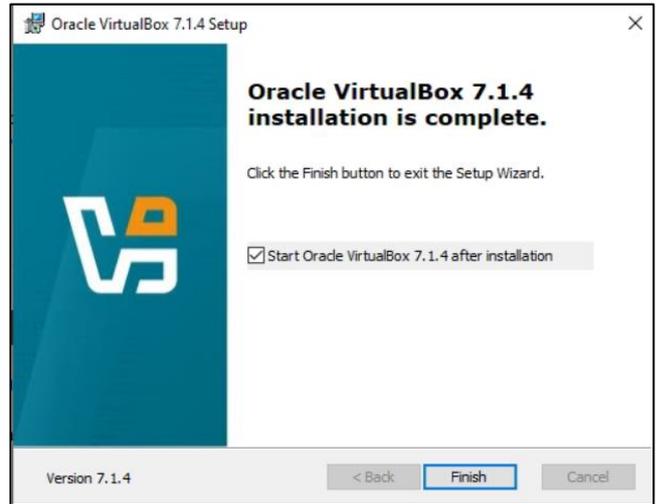
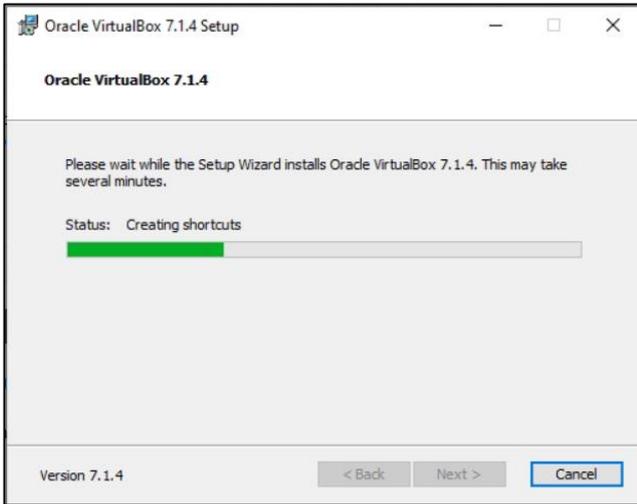
4. Install the Microsoft Visual C++ Redistributable



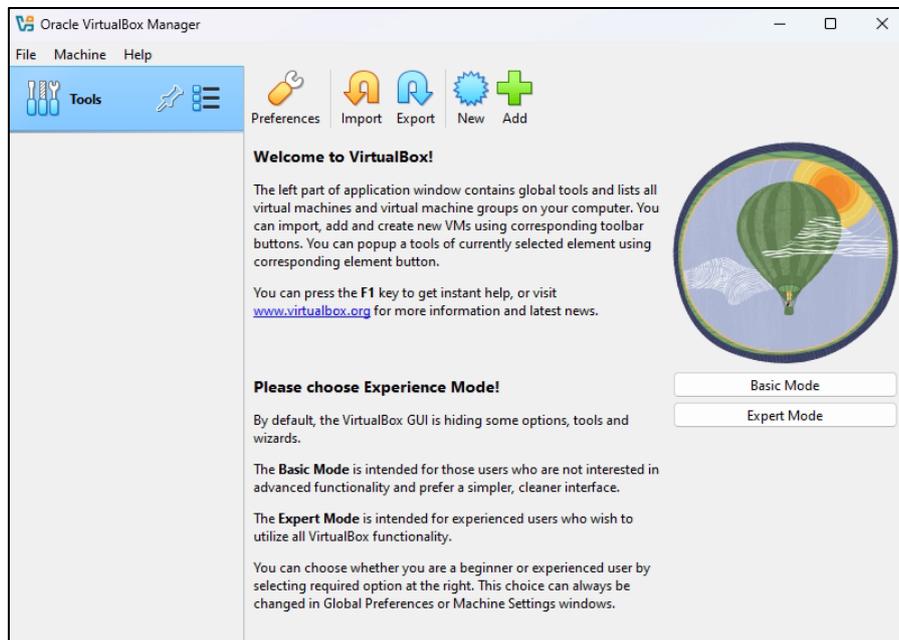
5. Install the VirtualBox



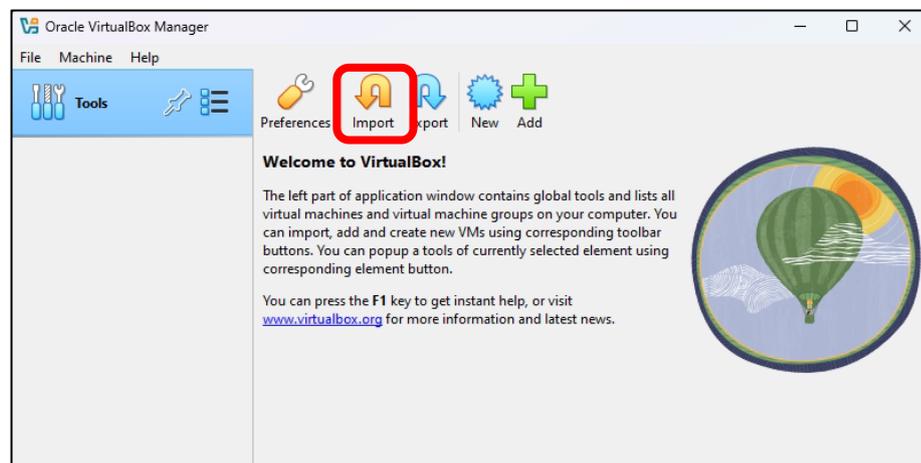


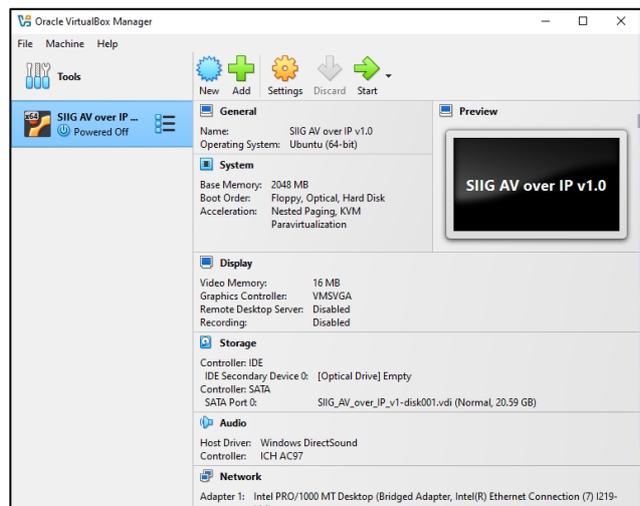
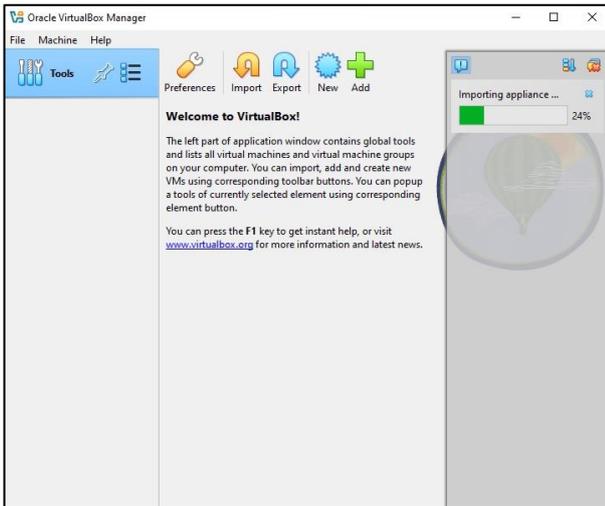
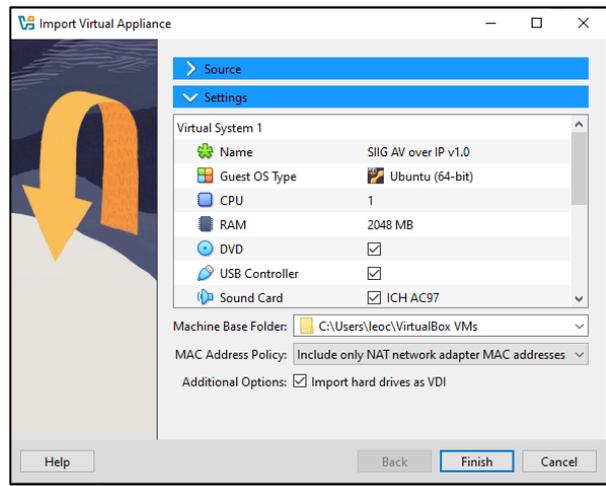
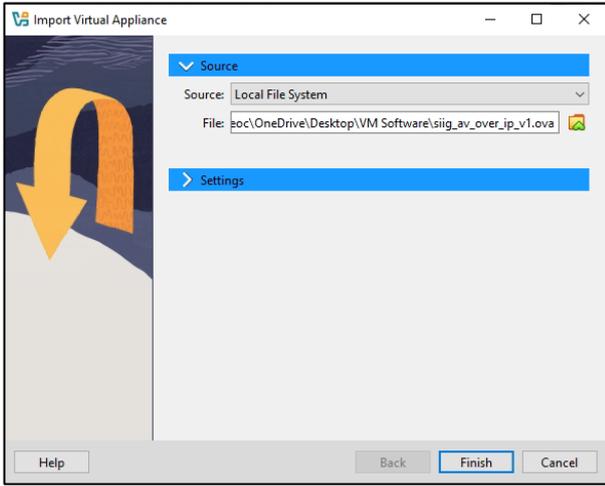


6. Run the VirtualBox

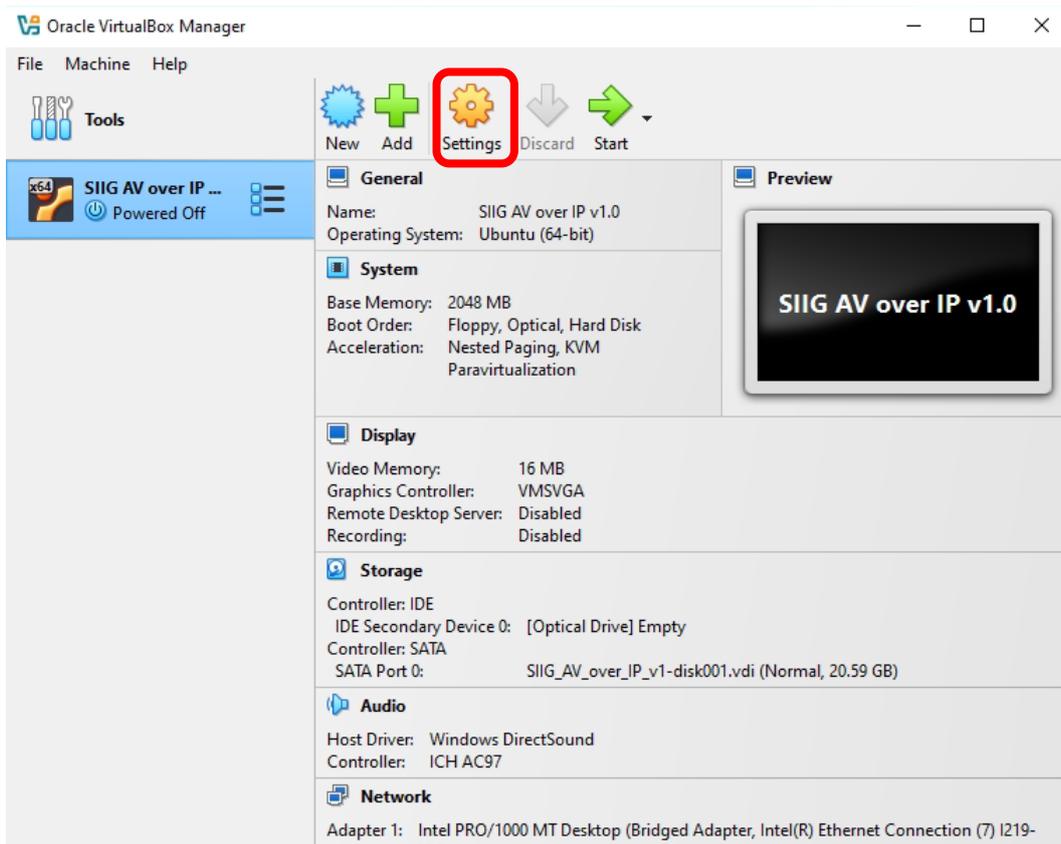


7. Click the Import icon and then select siig_av_over_ip_v1.ova software to the VirtualBox



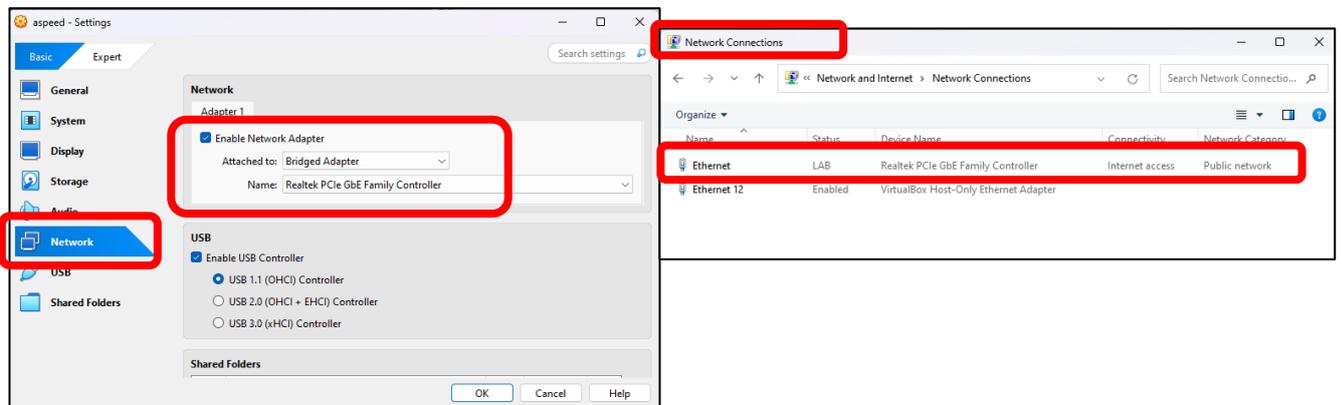


8. After Import, go to the setting page to check the network config

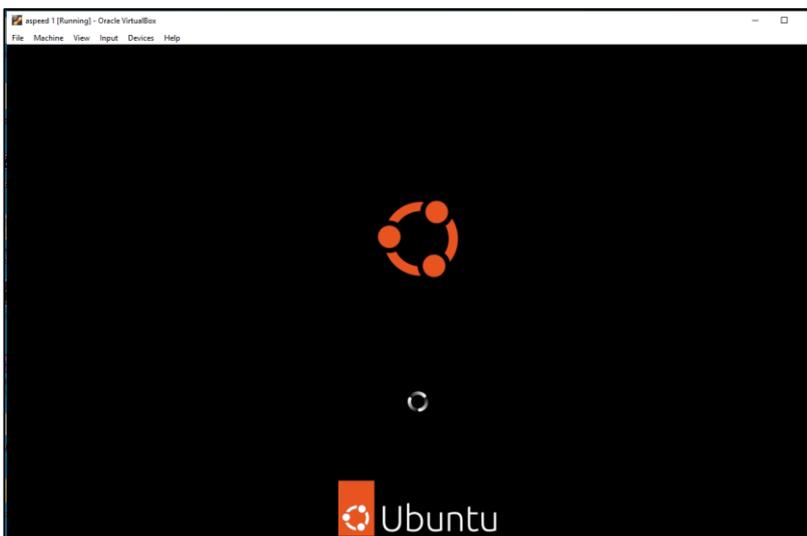
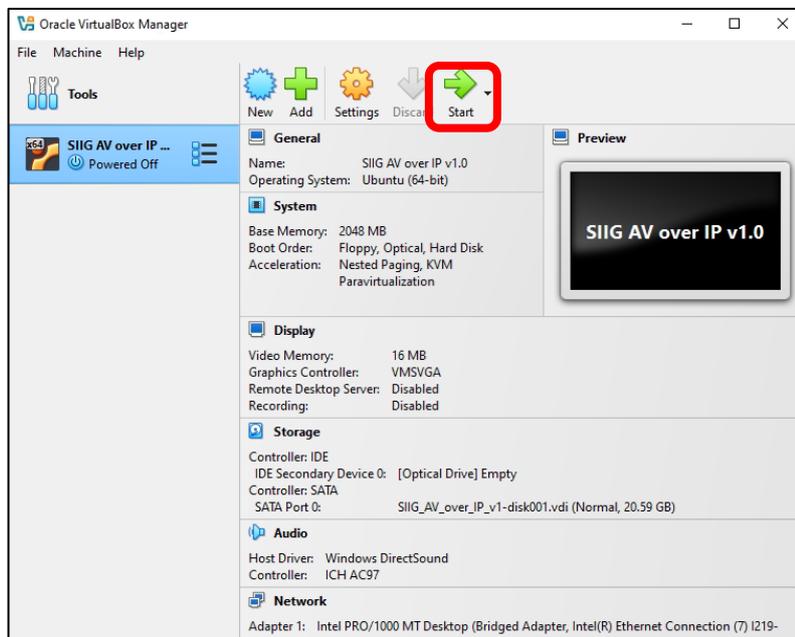


9. Confirm the network adapter setting and Windows system are using the same network adapter

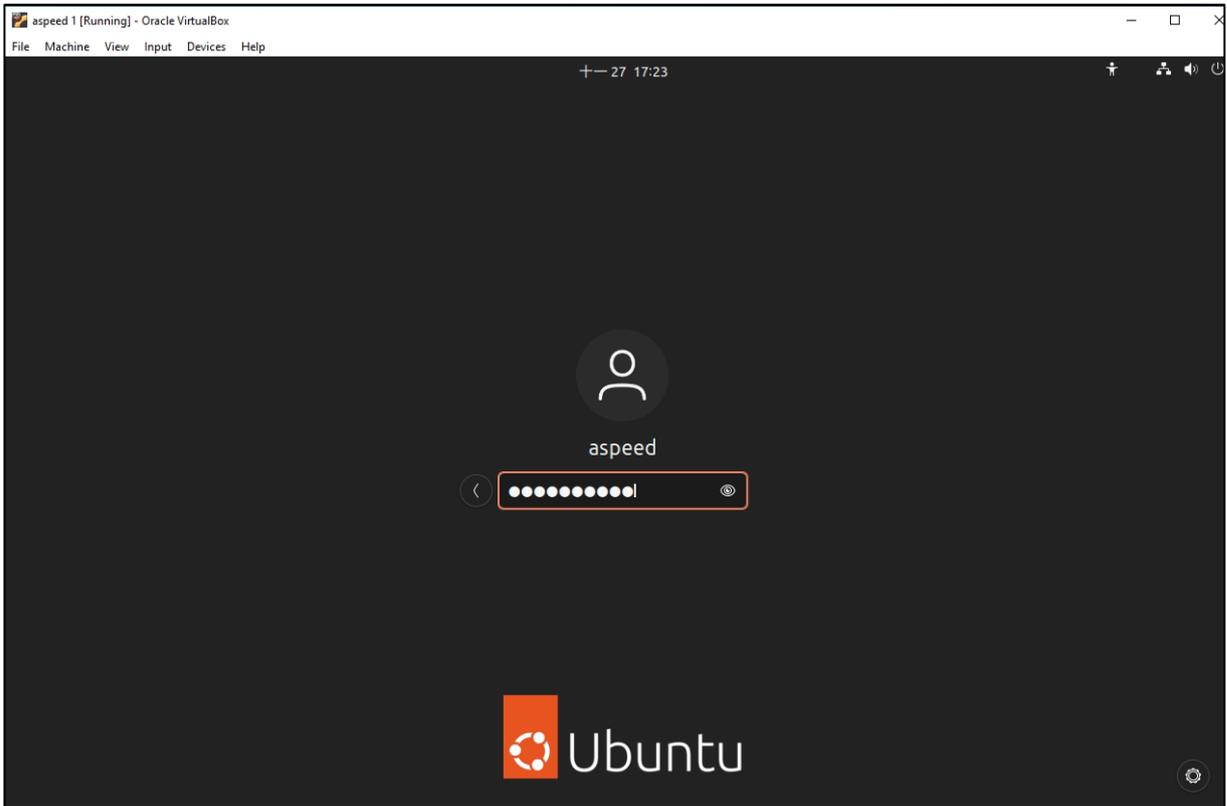
*Please confirm your Windows system is using DHCP IP, then the Virtual server will get the same subnet DHCP IP too.



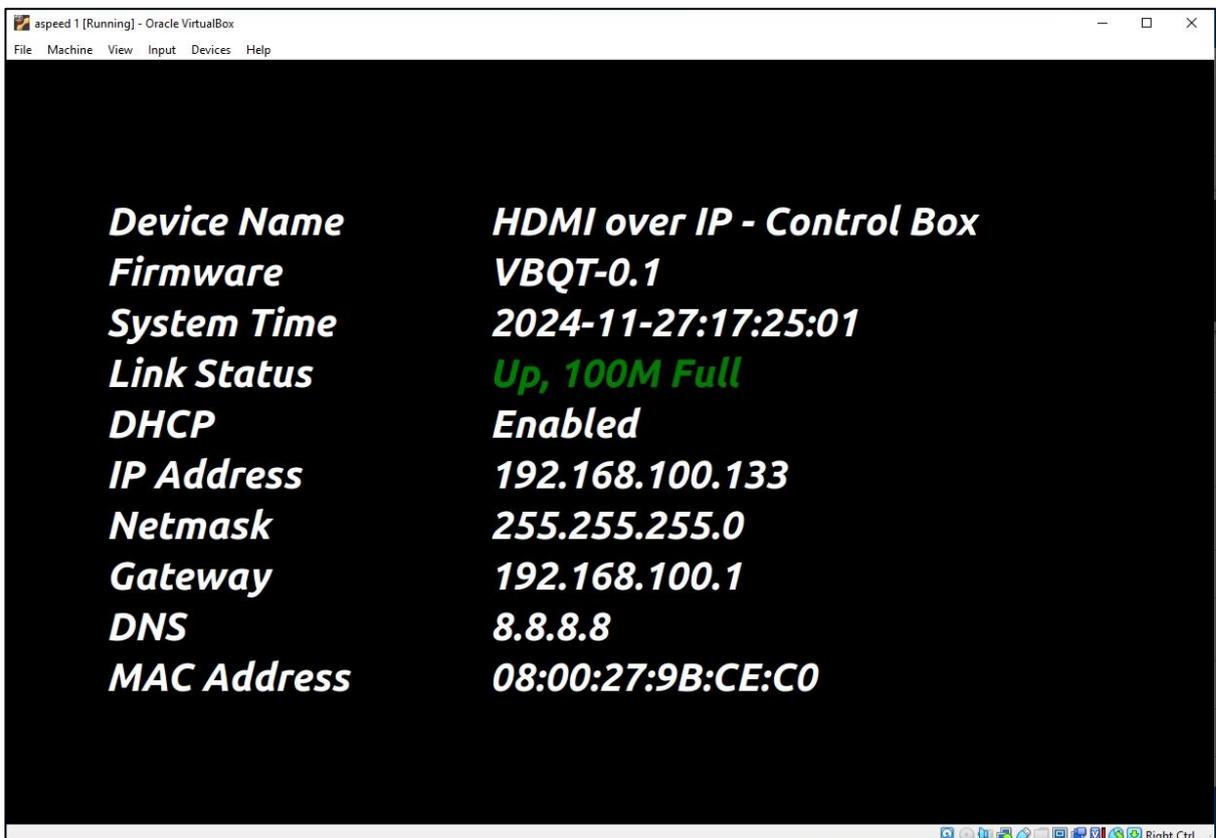
10. You can start the virtual server after confirming the network setting



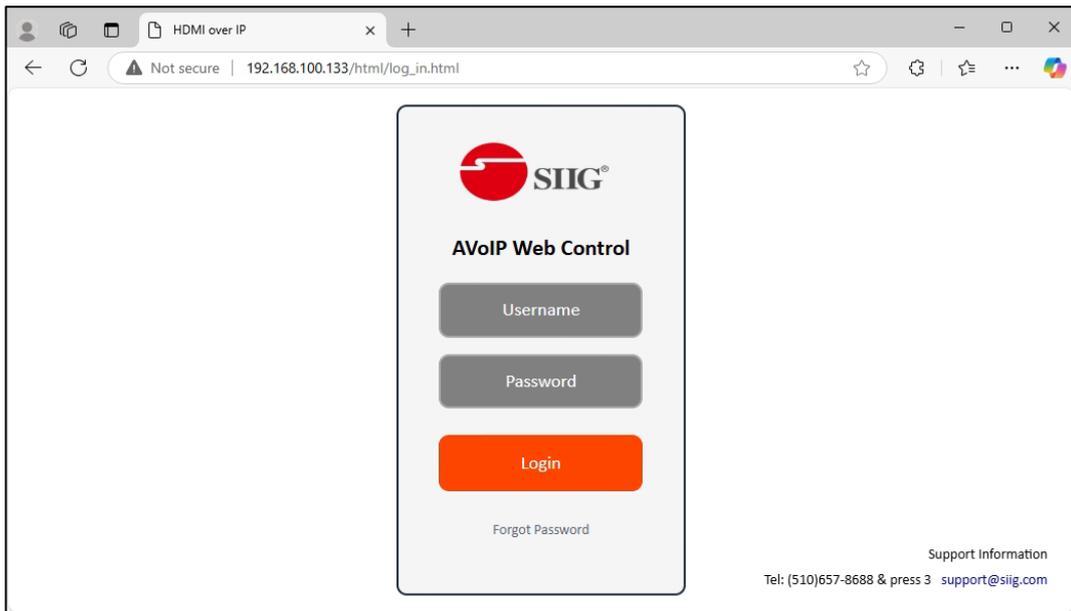
11. Enter the password "adminadmin" to see the Control software IP information.



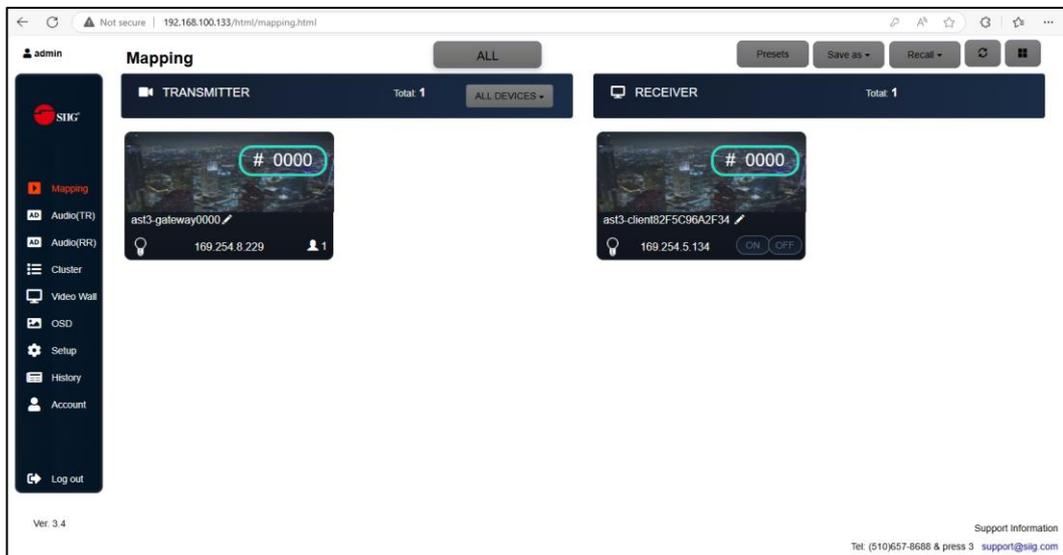
12. Open the browser and enter the IP address got from the control software IP information.



Login Username/Password, admin/admin

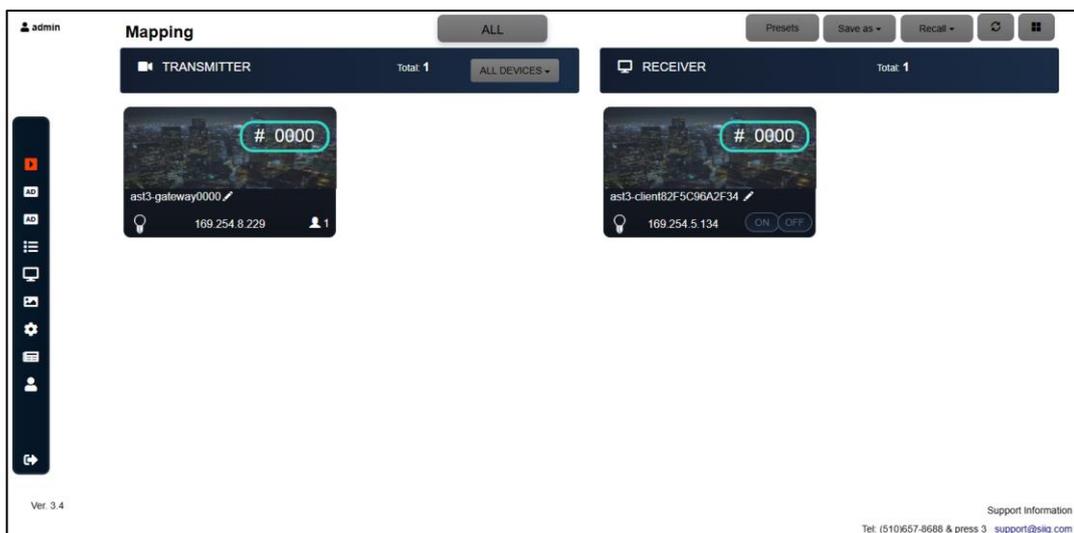


13. After login, it can see the control software control page.



14. Mapping

On this Page, you can see runtime status of all TX/RX device in controller. The way to do input/output mapping is to drag TX icon to RX icon. It also provides 10 profile spaces to save the frequently used scenarios into the device.



15. Video Wall

Click the Video Wall icon from the left side menu section and then can set the Video Wall layout

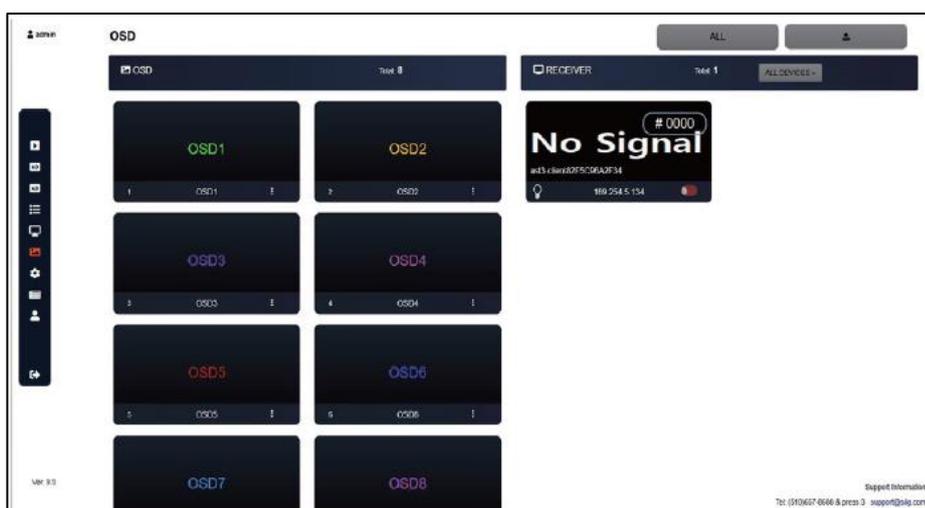
- **Preset Name:** To set the name of this Video Wall layout.
- **Cluster:** Drop down the devices or select all devices.
- **Transmitters:** Click TX source name in the drag box, the Video Wall content will be based on this source to stream video content.
- **Layout:** check the number or type the number to set the number for Video Wall layout, and the format will be listed on right side area.
- **Receiver (RX):** Select the RX source name and drag to Video Wall layout location. Then click **Enable** the RX unit will follow the location set to send the Video Wall content, or click **Disable** to cancel layout signal, and then click **Save** to save the layout setting to preset name.



16. OSD

There are 8 custom OSD windows for users to input the texts or images to be shown with the video. Users can click the  button to upload photos (only accept png or jpg files).

Also click the  button to adjust the message text, photo, transparency, position, color and size. After setting it, please drag the OSD windows to RX windows which you want to show the desired text or image



17. Cluster

Create Cluster name

- Type the name and then click the **Create**
- Click the **Select Cluster** and drop down to select the name
- Check the TX (Yellow color) or RX (Blue color) unit name on

Others Transmitters or Others Receivers

- Select the TX (Yellow color) or RX (Blue color) unit name and drag to **Cluster Transmitters** or **Cluster Receivers** area to set the same group and then click **Save**

The screenshot shows the 'CREATE Cluster' web interface. It features a 'Cluster Name' input field and a 'Create' button. Below this is the 'Cluster CONTENT' section, which includes a 'Cluster' dropdown menu, a 'Name' input field, and four list boxes: 'Cluster Transmitters', 'Others Transmitters', 'Cluster Receivers', and 'Others Receivers'. The 'Others Transmitters' list contains one item 'asO-gateways' with a yellow background. The 'Others Receivers' list contains one item 'asO-client2F008A2F34' with a blue background.

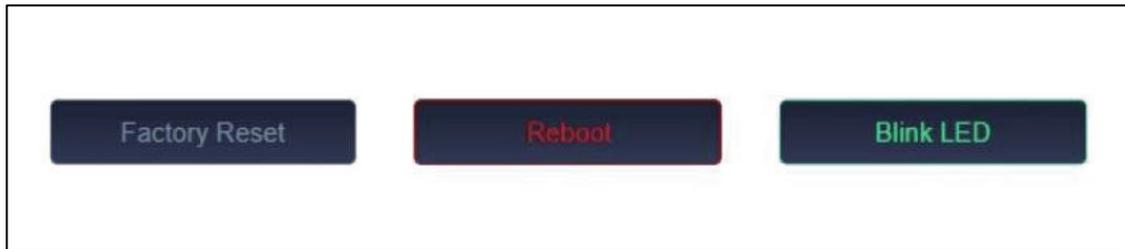
18. Setup

After connecting the HDMI Over IP Transmitter and receiver units to the Router/Ethernet Hub, the controller will automatically and the device into the control system.

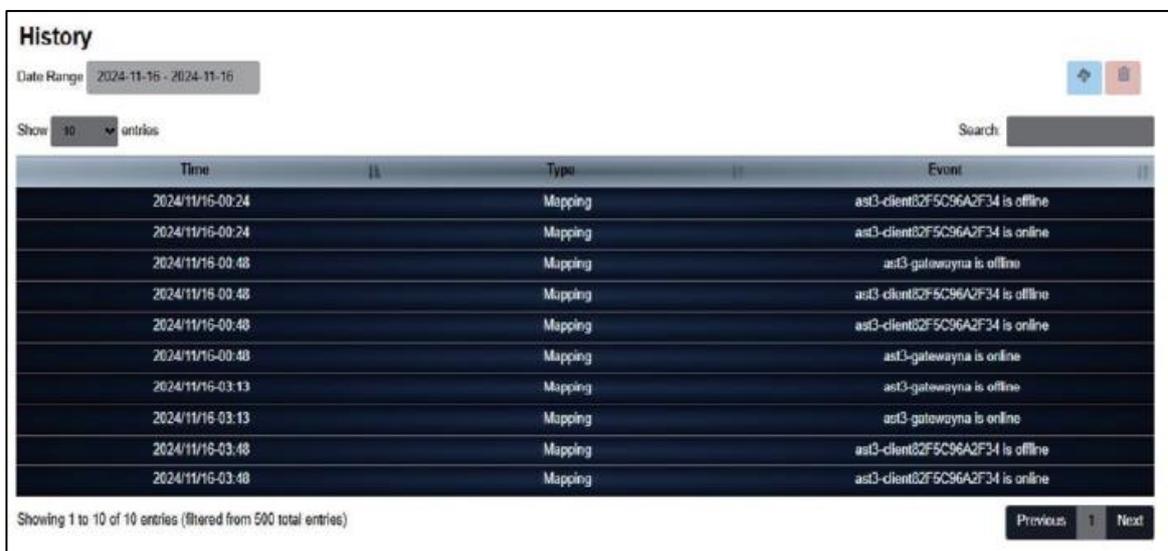
The screenshot shows the 'Devices' page in the control system. The page has a navigation bar with 'Devices', 'System Config', and 'FW Update' tabs. Below the navigation bar is a search bar and a table of devices. The table has columns for Channel, Type, Name, Cluster, Device IP, MAC Address, and Status. Two devices are listed: one RX device 'asO-client2F008A2F34' and one TX device 'asO-gateways'. The status for both is '2 days - 3 hr - 27 m - 42 s'. The page also includes a search bar and a 'Showing 1 to 2 of 2 entries' indicator.

Channel	Type	Name	Cluster	Device IP	MAC Address	Status		
0000	RX	asO-client2F008A2F34		192.254.3.134	02:F5:06:8A:2F:34	2 days - 3 hr - 27 m - 42 s		
0000	TX	asO-gateways	Test-1	192.254.3.229	02:E5:88:20:8D:08	2 days - 3 hr - 27 m - 45 s		

You can click  to enter the **Transmitter Setup** or **Receiver Setup** and click the **Blink LED** button to search corresponding transmitter/receiver device. Or click **Reboot** button to Reboot the TX or RX unit. Or to click the **Factory Reset** button to reset the TX or RX.



19. History



The screenshot shows a 'History' page with a date range of '2024-11-16 - 2024-11-16'. It features a search bar and a table with 10 entries. The table has columns for Time, Type, and Event. The events are related to mapping and online/offline status of devices.

Time	Type	Event
2024/11/16-00:24	Mapping	ast3-client02f5c96a2f34 is offline
2024/11/16-00:24	Mapping	ast3-client02f5c96a2f34 is online
2024/11/16-00:48	Mapping	ast3-gatewayna is offline
2024/11/16-00:48	Mapping	ast3-client02f5c96a2f34 is offline
2024/11/16-00:48	Mapping	ast3-client02f5c96a2f34 is online
2024/11/16-00:48	Mapping	ast3-gatewayna is online
2024/11/16-03:13	Mapping	ast3-gatewayna is offline
2024/11/16-03:13	Mapping	ast3-gatewayna is online
2024/11/16-03:48	Mapping	ast3-client02f5c96a2f34 is offline
2024/11/16-03:48	Mapping	ast3-client02f5c96a2f34 is online

Showing 1 to 10 of 10 entries (filtered from 500 total entries)

20. Audio (TR) / (RR)

Click the **On/Off** on the Receiver content red mark location to **turn On** or **turn Off** the HDMI CEC control function



21. Account

Account

CHANGE PASSWORD

Old Password

New Password

Confirm Password

[Apply](#)

CREATE ACCOUNT

Role

Username

Password

Email

[Create](#)

ACCOUNT LIST

Show entries Search

ID	User name	Role	Email	Date	
1	admin	Administrator	support@sig.com	2023-02-14 12:00:00	Edit

Showing 1 to 1 of 1 entries [Previous](#) [Next](#)