SIIG CE-H25411-S2 HDMI Video Wall Over IP Multicast System Controller User Manual

**HDMI Video Wall Over IP Multicast System
Controller
User Manual**

04-1215B

THREE YEAR Manufacturer Warranty

P/N: CE-H25411-S2

Contents

⚠️ **Safety and Notice**

The device has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipment, the device should be used with care. Please read and follow the safety instructions to protect yourself from possible injury and to minimize the risk of damage to the unit.

- Follow all instructions and warnings marked on this unit.
- Do not attempt to service this unit yourself, except where explained in this manual.
- Provide proper ventilation and air circulation and do not use near water.
- Keep objects that might damage the device and assure that the placement of this unit is on a stable surface.
- Use only the power adapter and power cords and connection cables designed for this unit.
- Do not use liquid or aerosol cleaners to clean this unit.
- Always unplug the power to the device before cleaning.

ESD CAUTION

Features

- Control center of the IP-based Transmitter and Receiver (CE-H28A11-S1, CE-H27F11-S1 & CE-H27G11-S1)
- Monitors all devices in one central system
- Cost effective solution for IoT

- Intuitive and powerful user interface
- Includes Web interface and mobile support
- Easy installation with auto-detection of transmitter and receiver units in the network.
- Drag-and-drop easy matrix switching
- Easy to create multiple video walls
- Schedule time for audio/video mapping, cycle-play and mute/resume
- Allows to create custom OSD
- Watch-dog with self-recovery
- Assigns the video sources for each display with account/password submit Supports video wall function
- Supports video wall function

Package contents

- HDMI Video Wall Over IP Multicast System Controller
- Power adapter DC 5V / 0.85A
- Rack-mounting ear set
- User Manual

Layout
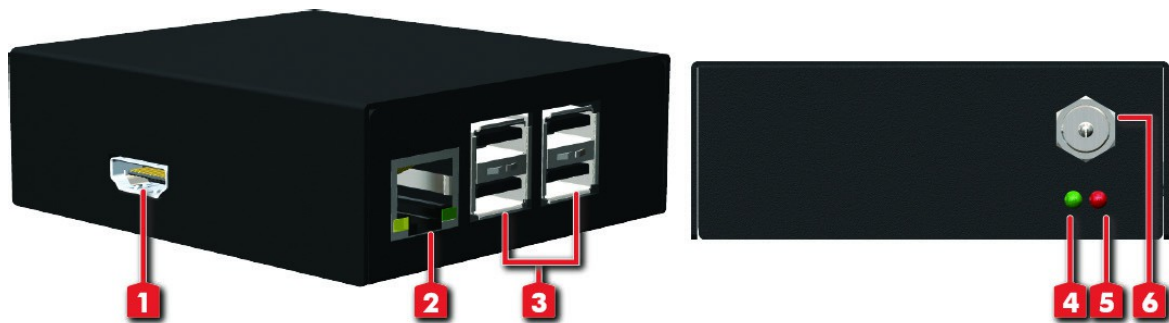
1. **Output:** HDMI output, it displays the information of controller
2. **RJ-45:** Ethernet control port
3. **USB:** Reserved
4. **Activity LED indicator:** When the storage device is being used, the light will blink
5. **Power LED indicator:** When unit connect a power supply unit, the light will shine
6. **Power jack:** Connect to DC 5V/1A power adapter
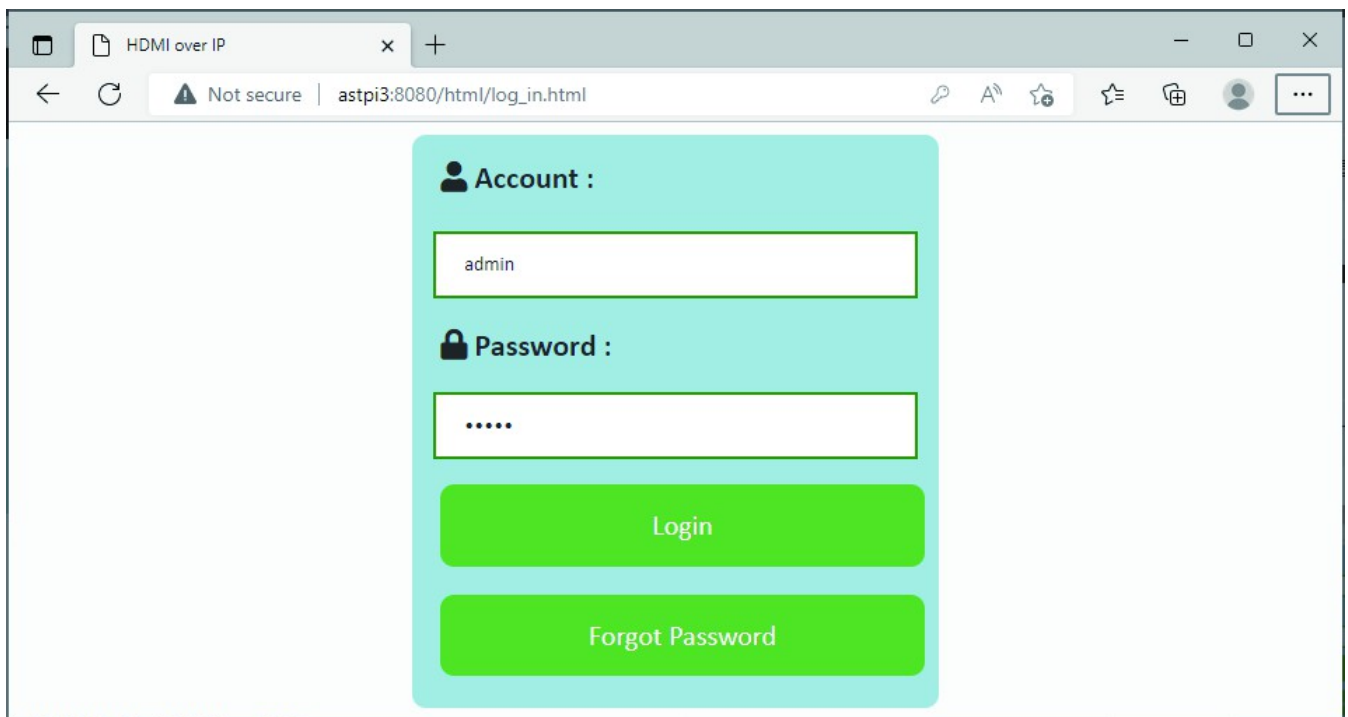
Application
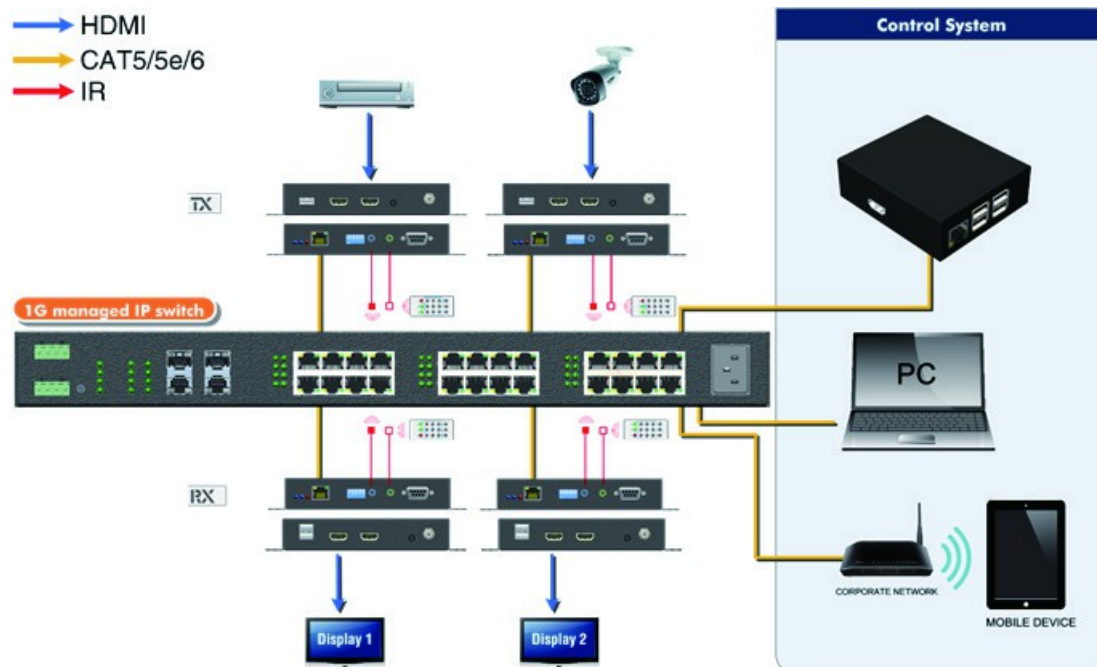
OPERATION

Installation Setup

1. Connect the PC & controller into the Gigabit IP Switch/ Router
2. Connect controller HDMI output to display. The display will show information, as below image. (Default DHCP Enable)
3. Open browser and type in controller's IP or type **http://astpi3** will into WEB control page.
   (*Default Account/Password are admin/admin)

http://astpi3
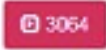
Mapping

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 pro-vides 10 profile spaces to save the frequently used scenarios into the device. Clicking the profile button to preview the saved scenarios.
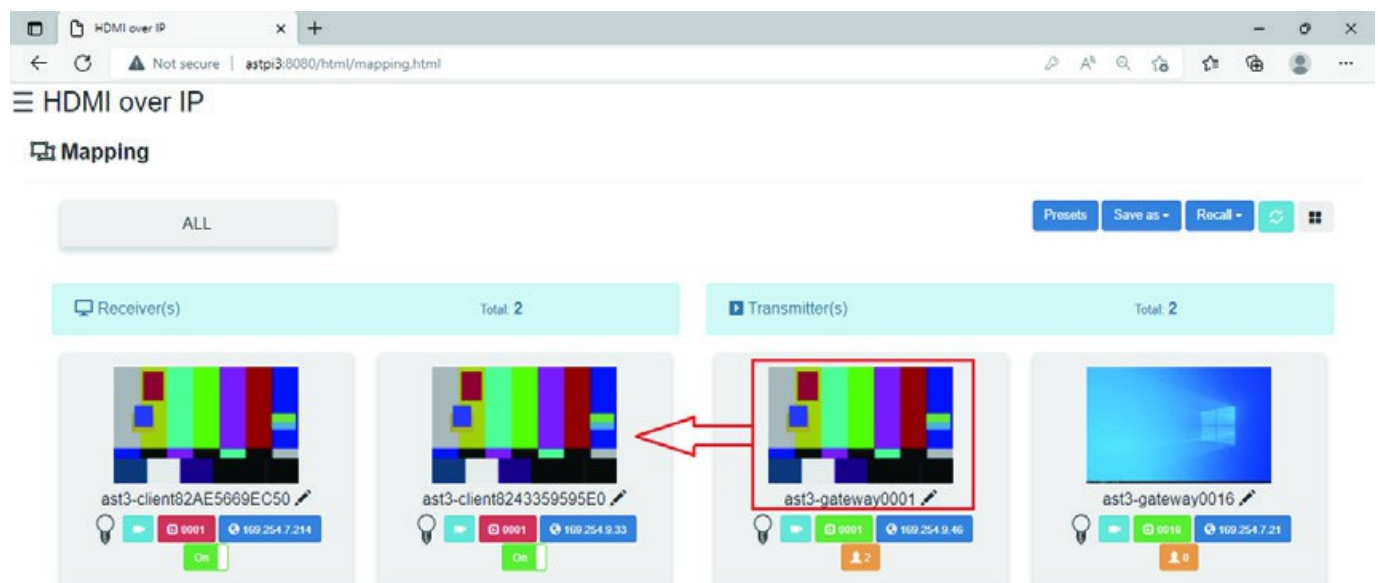
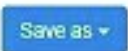| Type	Button	Function
RX/TX Settings	✏	Edit device name
	💡	Click the button to search for corresponding TX/RX device, and the device LED light will blink for 5-10 seconds.
	🎥	Sub-stream
	3064	Channel
	169.254.8.160	IP address
	On	Turn on/off the Video
	0	Number of RX subscribed to this TX
Mapping Settings	ALL	Drag the TX icon to the ALL button to switch all RX
	Presets	Manage presets
	Save as ▾	Provide 8 preset spaces for user to save
	Recall ▾	Select which preset to recall
	⟳	Refresh the page
	▦	Set the user interface of mapping table page

Video wall

1. Video Wall Option The method of setup the video wall is to do input/ output mapping on the Mapping page, and then select RX in the RX list of the Video Wall page to set the layout.
2. Bezel and Gap Compensation Set the bezel and gap of the RX video wall to achieve seamless splicing of display screens. After completing the settings, click the "Apply" button to enable the bezel and gap Compensation.
   • OW: outside width
   • OH: outside height
   • VW: viewable width
   • VH: viewable height
   * VW must be less than OW and VH must be less than OH.
   * The field may not be blank, if users do not need this function, please set all values to 1.
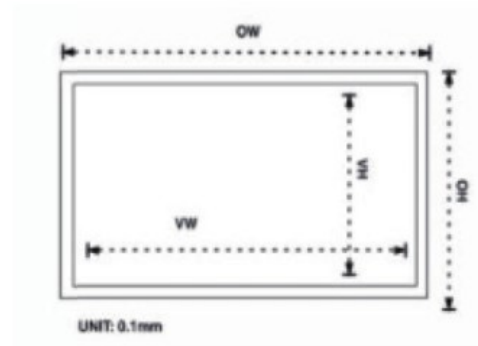   * The value must be an integer.

Bezel and Gap Compensation

OW   [　　　　　　　　]

OH   [　　　　　　　　]

VW   [　　　　　　　　]

VH   [　　　　　　　　]

UNIT: 0.1mm

3. Wall Size & Position Layout Set the layout to split the video into multiple zones.

Then set the row position and column position to select video zone to output. After completing the settings, click the button to enable the video wall.
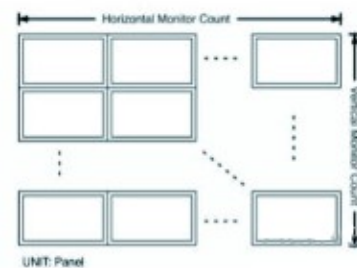
OSD

There 8 custom OSD windows for users to input the texts or images to be shown with the video. User 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, please drag the OSD window to RX window which you want to show the desired text or image.

OSD 1

Name OSD1

Type Message ⌄

Message Text (Max: 20)
OSD1

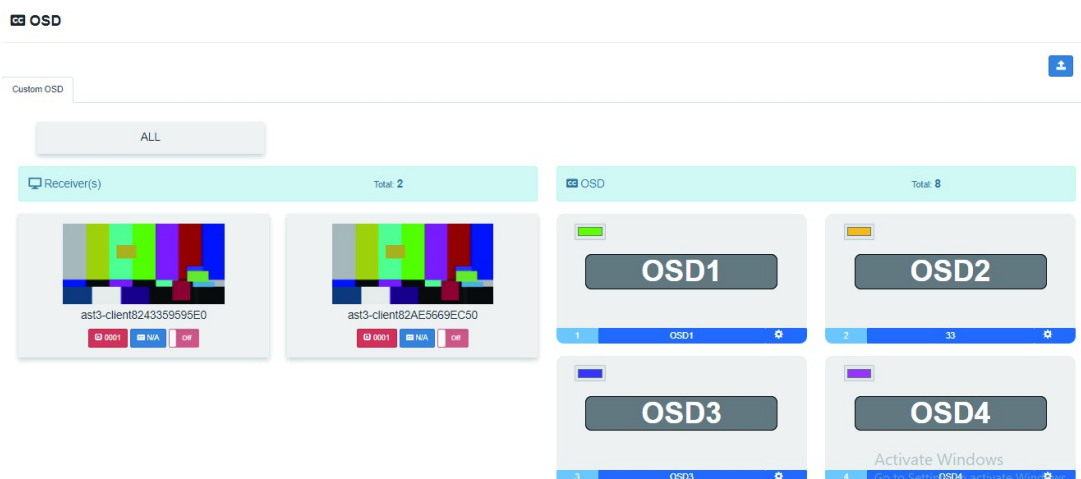**Message Size**
12

Message Color
🟩
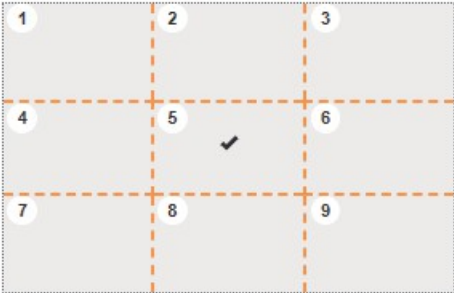
Display time (s)
Forever ⌄

Mask Transparency
———————◻—— 31

Message Position in Mask
Center aligned ⌄

X - Shift, Right (+) - Left (-)
————◻———— 50

1	2	3
4	5 ✔	6
7	8	9

Y - Shift, Down (+) - Up (-)
————◻———— 50

Close **Apply**

OSD 1

Name OSD1

Type Photo ⌄

Photo Position

1	2	3
4	5 ✔	6
7	8	9

Mask Transparency
———————◻—— 31

X - Shift, Right (+) - Left (-)
————◻———— 50

Y - Shift, Down (+) - Up (-)
————◻———— 50

Display time (s)
Forever ⌄

Close **Apply**

Setup

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

*You can click the blink LED button to search corresponding transmitter/receiver device.

TX

RX

←   ✖ Receiver Setup

ⓘ Identification

Name	ast3-client824335959E0	Alive Time	21 hr : 55 m : 30 s
Type	RX	Group	0001
Device IP	169.254.9.33	MAC Address	82:43:35:95:95:E0
System Version	A9.11.1 Build 5103		

🖥 Status

LAN	On	TV	On

ⓘ Information

Name	ast3-client824335959E0	Channel	0001	Apply

▣ A/V Setting

Streaming Video	On	Scaling	▾ Pass-Through	Apply
Rotate	▾ 0			Apply

⚙ RS232 Setting

BaudRate	▾ 115200	(It requires rebooting extender for taking effect)	Apply

⚙ KMoIP Setting

KMoIP	Off	(It requires rebooting extender for taking effect)

⊕ Factory Reset	↻ Reboot	◉ Wink LED

Password

✖ **Setup**

☰ Devices	🔒 Password	✿ System Config	⬆ FW Update

Change Password

🔒 **Old Password :**

Enter old password

🔑 **New Password :**

Enter new password

🔑 **Confirm Password :**

Enter new password again

Confirm

Sysconfig

✖ **Setup**

☰ Devices	🔒 Password	✿ System Config	⬆ FW Update

System Config

🕓 Time Config

Time Zone	🇹🇼 Taipei - UTC +8	
System Time	2022-07-08 10:54:20	

🌐 Network Config

🖥 UI Setting

FW update

Setup

Devices | Password | System Config | FW Update

FW Update

⬆
Upload FW file (.zip).

History

Date Range 2022-07-08 - 2022-07-08

Show 10 entries

Time		Type
2022/07/08-00:23		Mapping
2022/07/08-00:23		Mapping
2022/07/08-00:23		Mapping
2022/07/08-00:23		Mapping
2022/07/08-00:45		Mapping
2022/07/08-00:45		Mapping
2022/07/08-01:14		Mapping
2022/07/08-01:14		Mapping
2022/07/08-01:20		Mapping
2022/07/08-01:20		Mapping

Showing 1 to 10 of 28 entries (filtered from 72 total entries)

Dear Valued Customer
WE REALLY APPRECIATE YOUR PURCHASE
thank you–
Support
For more info or tech support **http://www.siig.com/support**
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Documents / Resources

SIIG HDMI Video Wall Over IP Multicast System Controller User Manual 04-1215B P/N: CE-H25411-S2	**SIIG CE-H25411-S2 HDMI Video Wall Over IP Multicast System Controller** [pdf] User Manual CE-H25411-S2, HDMI Video Wall Over IP Multicast System Controller, IP Multicast System Controller, HDMI Video Wall Over System Controller, System Controller, Controller, CE-H25411-S2

Manuals+,