



Manual



04-1450A



CE-H3SP11-S1

4-Port 8K60Hz HDMI Splitter with EDID

User Manual



Thank you for choosing **SIIG** for your connectivity needs in IT and AV products. Our products are engineered for optimal performance and reliability. To ensure the best experience and safety, please read the instructions thoroughly and keep this user guide for future reference. For more details about our product range, visit **www.siig.com**

If you require technical support, email us at **support@siig.com**
For drivers or manuals, please visit **www.siig.com/download**



ESD CAUTION

Important Safety Guidelines

This device has been rigorously tested and certified to meet international safety standards. However, as with all electronic equipment, it should be handled with care. To ensure your safety and to minimize the risk of damage, please follow these safety guidelines:

- Follow all provided instructions and warnings
- Ensure proper ventilation and avoid using near water
- Do not put any items into the device or attempt to modify its operation
- Do not use liquid or aerosol cleaners; avoid exposure to moisture ; Unplug the device before cleaning
- If there is any strange sound, smoke or odor, pull of the cable immediately
- Use the included power adapters or cable only. Make sure the specification matches if using 3rd-party power adapters
- Shut off power and make sure environment is safe before installation

Introduction

Allow to share four HDMI displays or projectors with an HDMI enabled Audio/Video source device with support for Ultra HD 8K60Hz resolution the HDMI splitter ensures astonishing picture quality, four times the resolution of UHD 4K60Hz.

Key Features

- Compliant with HDMI 2.1, HDCP 2.3/2.2/1.4 with 48Gbps bandwidth
- Supports up to 8K60Hz and compatible with 4K120Hz
- Support auto downscaling from 120Hz to 120Hz, 60Hz to 60Hz, 30Hz to 30Hz
- Support High Dynamic Range (HDR) video pass-through, such as HDR10/HDR10+
- Support 12bit per channel (36bit all channels) deep color
- Supports EDID management
- Supports S/PDIF Audio extractor for 2ch
- Supports reset button and power On/Off switch
- High quality materials with metal housing extend the stability and durability, allowing for long hours of operation

Package Contents

- 1 x 4-Port 8K60Hz HDMI Splitter with EDID
- 1 x User Manual
- 1x Power Adapter (5V/1A)

Layout

Front side

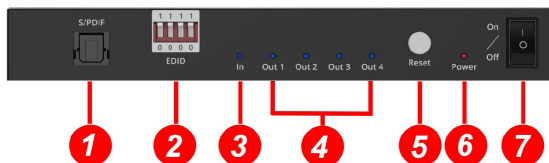


Figure 1: Product front side layout

No.	Connections	Descriptions
1	S/PDIF	Digital stereo audio output interface
2	EDID	EDID setting refer to page 8 for detail information
3	Input LED	HDMI input indicator
4	Out 1-4	HDMI output 1-4 indicator
5	Reset	Press and hold 3 sec to reset the product
6	Power LED	Power on indicator
7	On/Off Switch	Power switch

Rear side

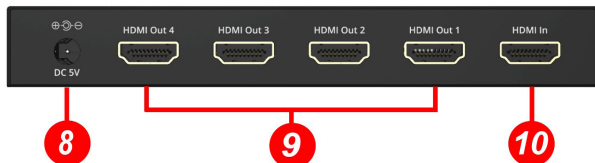


Figure 2: Product rear side layout

No.	Connections	Descriptions
8	Power Jack	DC 5V/1A power input port
9	HDMI Out 1-4	HDMI output 1-4 port
10	HDMI In	HDMI input port



Specifications

Compliant	HDMI: 2.1 / 2.0 / 1.4 HDCP: 2.3 / 2.2 / 1.4
Bandwidth	Up to 48Gbps
Resolution	Up to 8K60Hz 4:2:0 HDR Up to 4K144 / 120Hz 4:4:4 HDR
Connector	1x 19-pin HDMI Female, Input 4x 19-pin HDMI Female, Output 1x 4-pin EDID Switch 1x Reset button 1x S/PDIF, Toslink Audio, Output 1x On/Off, Power switch 1x DC Power Jack
Power Consumption	3.5 Watts
Audio format	HDMI: LPCM 7.1 / DTS / Dolby-Audio S/PDIF: Stereo audio
S/PDIF: Stereo audio	5V/1A
Product housing	Metal
Operating temperature	0° to 40° C (32° to 104° F)
Storage temperature	-20° to 70° C (-4° to 158° F)

Operating humidity	5 to 90% RH (no condensation)
Dimensions	5.87" (L) x 0.85" (H) x 2.52" (W)
Weight	0.62 lbs
Certifications	FCC / CE / RoHS
Warranty	2 years limited
Country of origin	China



EDID Setting

4-Port EDID (Up is 1, Down is 0)

EDID	Description	EDID	Description
1111	Copy Out 1	0000	8K 60Hz
1100	Copy Out 2	0001	8K 30Hz
1110	Copy Out 3	0011	4K 60Hz
1010	Copy Out 4	0111	4K 30Hz
		0101	1080p 60Hz

Hardware Installation

1. Power off all devices including your source(s) and HDMI display(s).
2. Connect your source device(s) to the controller's input(s).
3. Connect your HDMI display(s) to the HDMI Output(s) of the controller using HDMI cable(s) (HDMI cables not included).
4. OPTIONAL: Connect speakers to the S/PDIF output or Analog output ports.
5. Plug the included power adapter into the controller's Power Jack, then plug the power adapter into a reliable power outlet.
6. Power on all connected devices. The splitter product is ready for use.

Noted: To avoid electric shock, product damage and to protect your safety, please notice the following:

1. Please slowly plug or unplug signal cables and do not often plug, unplug or shake them.
2. The equipment should not be placed under the sun, rain and damp or unventilated environment.
3. Liquid items should not be placed on the equipment.
4. Do not install the equipment near heat sources such as fire, power or other amplifiers that produce heat.
5. Do not insert the metal or other objects to the equipment in addition to connecting cables to ports.
6. Do not demolish the equipment by yourself; it should be maintained by professional maintenance staff.

Application Diagram



Figure 3: Application Diagram



Notes

Before You Begin:

To ensure a seamless connection and prevent hardware damage, please power off all source and display devices before starting the installation.

Step 1: Set Your EDID Preference (CRITICAL)

⚠ IMPORTANT: Before connecting the power supply, please ensure the EDID switch is configured to your desired setting (e.g., Copy, specific resolution) to match your displays' capabilities.

Step 2: Connect Your Input Sources (HDMI IN)

Using high-speed HDMI cables, connect your media devices—such as a PC, Blu-ray Player, Media Streaming Box, or Game Console (PS5)—to the HDMI In port on the splitter.

(Refer to the left side of the application diagram)

Step 3: Connect Your Displays (HDMI OUT x4)

Connect up to four 8K Ultra HD TVs or Monitors to the HDMI Out 1 through Out 4 ports on the splitter using 8K-rated HDMI cables.

(Refer to the page 9 of the application diagram)

Step 4: Power Up the Splitter

Once the EDID is properly set and all HDMI cables are secure, plug the included DC 5V power adapter into the splitter's DC 5V power jack, then connect it to a standard wall outlet.

Step 5: Turn On and Enjoy

Power on your input sources, the splitter, and your 8K displays. The system will automatically handshake based on your EDID settings and distribute the stunning 8K60Hz crystal-clear signal across all connected screens.

Disclaimer

The product name and brand name may be registered trademarks of related manufacturers. TM and ® may be omitted on the user's guide. The pictures on the user's guide are just for reference, and there may be some slight differences with the actual products. We reserve the right to make changes without prior notice to a product or system described herein to improve reliability, function, or design.



Thank you for your purchase!

<https://www.siig.com>



Please visit **SIIG Support**



Please visit **Product page**