



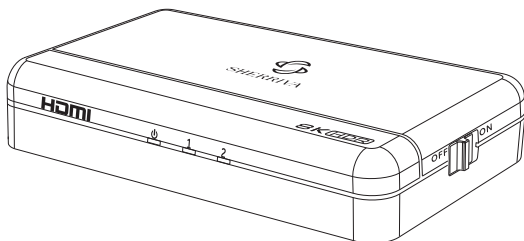
SHERRIVA

## Splitter - 1 input 2 outputs

with auto down-scaling

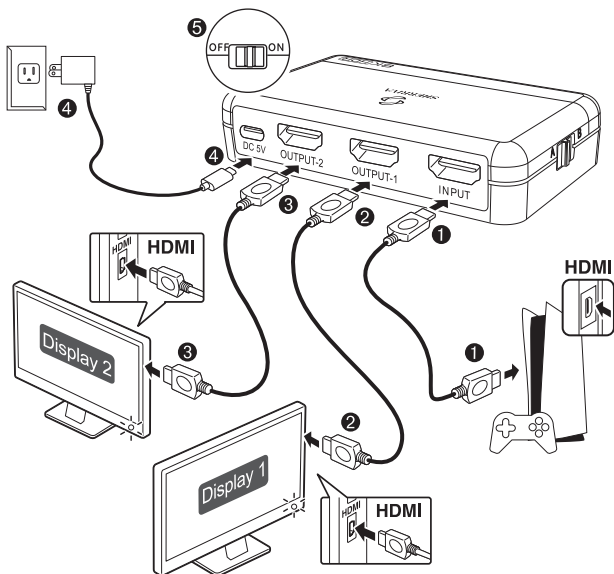
Incorporates HDMI® technology

- HDMI 2.1 8K
- HDCP 2.3 Compliant



**UHD-1280**

# QUICK START GUIDE



Display 1

Display 2

8K@60Hz

8K@60Hz or  
4K@60Hz or  
1080P@60Hz

OR

4K@120Hz

4K@120Hz or  
1080P@120Hz

- Step 1. Connect the HDMI cable from your source to the input port **INPUT** of the splitter.
- Step 2. Connect the HDMI cable from the first display to the output port **OUTPUT-1** of the splitter.
- Step 3. Connect the HDMI cable from the second display to the output port **OUTPUT-2** of the splitter.
- Step 4. Connect one end of the power adapter (included) to a wall outlet and plug the other end into the **DC 5V** USB-C port on the splitter.
- Step 5. After completing the connection, power on both the input sources and output displays. Then, switch the toggle located on the side of the splitter to the **ON** position, the LED at the front panel will light up to indicate each connected port.

**NOTE :**

- ※ **HDMI cable not included.**
- ※ To enjoy best performance, please restart the power of HDMI splitter (to ensure HDCP function work at its best)

## INTRODUCTION

The UHD-1280 2-port splitter seamlessly distributes HDMI video and audio from a single source to two displays simultaneously, supporting resolutions of up to 8K@60Hz and 4K@120Hz , 1080p@240Hz, as well as HDR and 7.1 surround sound.

It is designed with a built-in amplifier and equalizer to ensure stability and maintain outstanding signal quality.

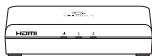
With its intelligent auto video down-scaling feature, the splitter automatically detects and configures video resolution based on the capabilities of each connected monitor. It supports for mixed 8K/60Hz and 4K/60Hz display outputs. Ideal for environments containing displays of mixed resolutions. You won't need to upgrade all displays or AVRs to 8K to enjoy its benefits. It's perfect for your gaming and home theater setups.

## FEATURES

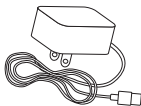
- HDMI 2.1 8K
- HDMI 2.1 4K@120
- Down-scaling for 8K content to 4K or 1080P display
- Down-scaling for HDR content to SDR display
- Support Video Data Rate 48Gbps
- HDCP 2.3 compliant
- Plastic housing design
- Gold plated connectors
- Dual detection mode selection (TV+TV) / (TV+AVR)
- Compliant with DTS-HD, Dolby TrueHD lossless compressed digital audio
- Maintain the same image quality as source, up to 8K@60Hz. (Using UHS Certificate HDMI cable)
- Amplifier and Equalizer functions enable longer HDMI cable (UHS Certificate HDMI cable 5M)
- Expand 2 HDMI outputs of your High-definition sources

## PACKAGE CONTENTS

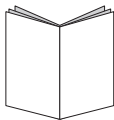
1. UHD-1280 Splitter



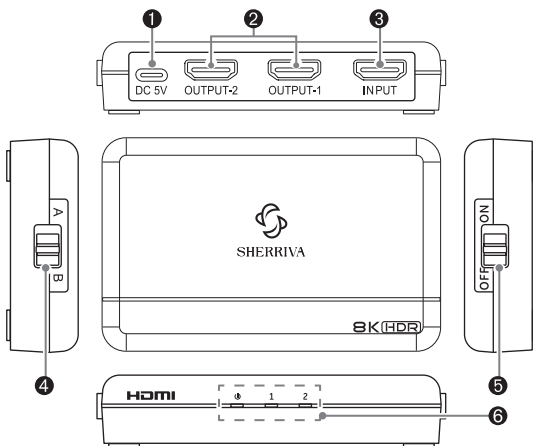
2. Power Adaptor



3. User manual



## PRODUCT OVERVIEW



| No. | Name                 | Description  |
|-----|----------------------|--|
| 1   | DC 5V<br>(USB-C)     | Connect the power adaptor (included) to power the splitter.                        |
| 2   | OUTPUT-1<br>OUTPUT-2 | HDMI signal output port.<br>Connect to display devices like monitors, TV, etc      |
| 3   | INPUT                | HDMI signal input port.<br>Connect HDMI source devices like Game Console, N/B, etc |
| 4   | EDID Switch          | Toggle between 2 EDID mode.<br>(Refer page.7 for detail)                           |
| 5   | Power Switch         | Slide the switch left or right to power the device On/ Off.                        |
| 6   | Indication LED       | When the LED is lit, it shows corresponding device activates.                      |

## EDID MODE

### Detection mode selection

| Detection mode                           | Action describe  |
|--|--|
| <b>A</b><br>(Highest Common Factor Mode) | <p><b>【Auto detection】</b></p> <ol style="list-style-type: none"> <li>1) The video resolution and the audio source format intersect.</li> <li>2) The HDMI Splitter will compare the EDID information of each sink device (UHD TV). And output of suitable video and audio content</li> </ol> <p>※ If the connected TV has 8K and 4K, the same frame rate, it will be presented on each screen.</p> <p>※ Low-resolution TV will follow high-resolution TV frame EDID rendering if the frame is different.</p> <p>※ TVs with the same resolution and frame rate will have the same video.</p> <p>※ The audio format of the output is based on the TV's EDID.</p> |
| <b>B</b><br>(Priority Mode)              | <p><b>【Copy the EDID of the first port】</b></p> <ol style="list-style-type: none"> <li>1) Copy the video and audio source information of <b>OUTPUT-1</b>, if <b>OUTPUT-1</b> is not connected, take <b>OUTPUT-2</b>... And so on.</li> <li>2) The source device will set the output signal based on <b>OUTPUT-1</b> (primary sink device).</li> </ol> <p>The source device will set the output signal based on <b>OUTPUT-1</b> (primary sink device).</p> <p>※ The audio format of the output is based on the TV's EDID, highest audio format devices is suggested to connect <b>OUTPUT-1</b> under B mode.</p>  |

## Notes.

- ※ Down-scaling mechanism : it is a multiple of 2/3/4/8/16/32, it can be down-converted if it is evenly divisible

Examples:

For a multiple of 2:

Original Resolution: 8K UHD (7680 × 4320)

Down-Scaled to: 3840x2160

For a multiple of 4:

Original Resolution: 8K UHD (7680 × 4320)

Down-Scaled to: 1920×1080

- ※ 4K@30Hz monitors will display in 1080p@60Hz when the source content is 4K@60Hz.
- ※ Down scaling to 720p is not supported.
- ※ Frame rate conversion (e.g., 60Hz to 30Hz) is not supported.



### When there is no picture presented, please:

#### Solution :

1. Make sure the direct connection from the source to the display without this unit is working.
2. Check if all connectors are connected well; and check if all HDMI cables can support the transmission speed. UHS Certification cables are recommended.
3. Check the main unit is powered on.

### When resolution could not show in 8K :

#### Solution :

1. Make sure your sources and displays are fully supporting 8K.
2. Make sure your HDMI cables are capable of transmit 8K video signal.
3. Make sure used HDMI 2.1 certification UHS cable.

### When there is only picture displayed and without sound:

#### Solution :

1. Check the output audio mode if you do not sure the display can support which audio format. Please select the A mode (Highest Common Factor Mode), and reset the HDMI Splitter. Make sure the connection is in the HDMI standard.
2. HDCP may not match very well at first connection. Please reset your HDMI Splitter by power on/off key.

## SPECIFICATIONS

| <b>General</b>      |  |
|---------------------|--|
| HDMI Version        | HDMI 2.1   |
| HDCP Compliance     | HDCP 2.3   |
| Video Bandwidth     | 48 Gbps  |
| Video Format        | Non-DSC:<br>Up to 8K60 4:2:0 12bit, 4K120 4:4:4 12bit<br>DSC:<br>Up to 8K60 4:4:4 12bit, 4K240 4:4:4 12bit                                 |
| HDR                 | HDR, HDR10, HDR10+, Dolby Vision, HLG<br>(Pass through)  |
| CEC function        | Out 1 Support (Pass through)   |
| Audio Format        | HDMI Standard audio (Pass through)<br>LPCM, Dolby Digital/Plus/EX, Dolby ATMOS,<br>Dolby True HD, DTS, DTS-EX, DTS-HD Master<br>Audio, DSD |
| <b>Connectivity</b> |  |
| INPUT               | Type A 19-pin female (Gold plated connectors)  |
| OUTPUT-1            | Type A 19-pin female (Gold plated connectors)  |
| OUTPUT-2            | Type A 19-pin female (Gold plated connectors)  |
| Power               | USB-C  |

※ Specification subject to change without further notice.

## NOTICE

- Manufacturer reserves the right to make changes in the hardware, packaging and any accompanying documentation without prior written notice.

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HIGH-DEFINITION MULTIMEDIA INTERFACE

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