



4K 1x2 HDMI™ Splitter

USER MANUAL

UHDS-102

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Thank you for purchasing this product

For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Surge protection device recommended

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lightning strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the service life of your equipment.

Registration Page

Please Activate your warranty by registering our product through the link below

- www.orei.com/register

Technical Support

Need Help?

Our experienced Technical Support Team is here for you to answer your questions, give technical advice or help troubleshoot your project to get you installed on time and on budget. Call, email or chat with us now.

OREI Live Technical Support Hours

US team (US/Canada/Mexico): Monday-Friday, 9 a.m. - 5 p.m. Central Time **Support**

Email - info@orei.com |

Support Number - 877-290-5530

Or

Chat Live on www.orei.com

Send us an instant message now. Our Technical Support Team will respond momentarily. Available during live support hours.

Introduction

The UHDS-102 1x2 HDMI Splitter lets you connect a media source and duplicate it to 2 displays. It is HDCP 2.3 and DVI 1.0 compliant and supports 4K@60Hz video resolution with an 18Gbps bandwidth. It also supports HDR10+ and Dolby Vision. It supports CEC control between INPUT and OUT-1 and offers EDID management with 2 presets. Its compact metal design makes it best for both home and commercial setups.



Features & Package Contents

1. HDCP 2.3 & DVI 1.0 compliant
2. Video resolutions upto 4K@60hz
3. 18Gbps video bandwidth
4. HDR10+, Dolby Vision and HLG support
5. PCM, Dolby TrueHD, DTS-HD Master Audio 7.1CH audio support
6. CEC support between INPUT and OUT1
7. EDID management
8. Compact space saving design

Package Contents

1.	UHDS-102	1pcs
2.	Power Adapter	1pcs
3.	User Manual	1pcs

Specifications

Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.3 / 1.4
DVI Compliance	DVI 1.0
Video Bandwidth	18Gbps
Video Resolution	Up to 4K2K@60Hz
Color Depth	8/10/12-bit
Color Space	RGB, YCbCr 4:4:4 / 4:2:2, YUV 4:2:0
HDR	HDR, HDR10, HDR10+, Dolby Vision, HLG
Audio Formats	LPCM 2.0/5.1/7.1CH, DD, DD+, DTS, Dolby True HD, and DTS-HD Master
Sample Rate	44.1KHz/48KHz/88.2KHz/96KHz/176.4KHz/192KHz
ESD Protection	IEC 61000-4-2: ±8kV (Air-gap discharge) & ±4kV (Contact discharge)

Specifications

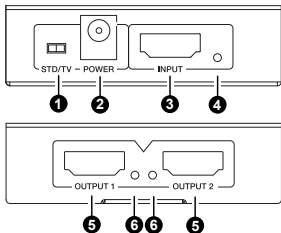
Connection	
Input	1 × HDMI [Type A, 19-pin female]
Output	2 × HDMI [Type A, 19-pin female]
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	L: 70mm / 2.75in W: 60mm / 2.36in H: 20.5mm / 0.8in
Weight	118g / 4.16oz
Power Supply	Input: AC 100-240V 50/60Hz Output: DC 5V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	1.41W (Max.)
Operation Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Operating Humidity	20%-80% relative humidity, non-condensing
Storage Humidity	10%-90% relative humidity, non-condensing

Operation Controls and Functions

Recommended HDMI Cable

Video Resolution	4K60	4K30	1080P
HDMI Cable Length (HDMI IN / OUT)	5m/16ft	10m/33ft	15m/49ft

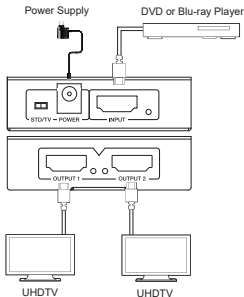
The use of "Premium High Speed HDMI" cable is highly recommended.



Operation Controls and Functions

No.	Name	Function Description
1.	STD/TV switch	Used to switch the EDID mode. STD: Fixed EDID of 1080p 2CH. TV: Copy EDID from OUT1. If OUT1 is not connected, copy from OUT2.
2.	POWER	Connect the power adapter
3.	INPUT	Connect a media device such as a DVD Player, set-top box, etc.
4.	INPUT LED	When a media device is connected to the input port the red LED will light up.
5.	OUTPUT port (1-2)	Connect a display device such as a TV, Monitor, etc.
6.	OUTPUT LED (1-2)	When a display device is connected to the output port the corresponding red LED will light up.

Application Example



HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

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FAQs & Troubleshooting

1. Not getting video output

Try a lower resolution from the media source
Try changing the HDMI cables
Try changing the EDID setting

2. Does not display to my 1080p monitor

The UHDS-102 does not downscale 4K to 1080p. You will need to set the video resolution to 1080p from the media source

Still have some questions?

Please feel free to contact us at: info@orei.com. OR Fill out the form on the 'Contact Us' page on the website. Our team will be more than happy to help you.

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