

DVDO



DVDO-Splitter-18

18Gbps 1x8 HDMI Splitter

User Manual

Version: V1.1.1



Important Safety Instructions



1. Do not expose this apparatus to rain, moisture, dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.



6. Clean this apparatus only with dry cloth.



2. Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure the unit is well ventilated.



7. Unplug this apparatus during lightning storms or when unused for long periods of time.



3. To prevent risk of electric shock or fire hazard due to overheating, do not obstruct the unit's ventilation openings with newspapers, tablecloths, curtains, and similar items.



8. Protect the power cord from being walked on or pinched particularly at plugs.



4. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.



9. Only use attachments / accessories specified by the manufacturer.



5. Do not place sources of naked flames, such as lighted candles, on the unit.



10. Refer all servicing to qualified service personnel.

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 life of your equipment.

Table of Contents

Introduction	4
Features.....	4
Package Contents	4
Specifications.....	5
Operating Controls and Functions	6
Application Example	7
FAQ	8
Warranty Terms and Conditions.....	9

Introduction

The DVDO-Splitter-18 18Gbps 1x8 HDMI Splitter is an advanced solution for splitting a single HDMI signal to 8 HDMI outputs synchronously. It supports up to 18Gbps bandwidth, HDMI 2.0b/HDCP 2.2 content up to 4K@60Hz 4:4:4. It can be set to COPY/AUTO EDID configuration and provides reliable and high quality HDMI distribution.

Features

- HDMI 2.0b, HDCP 2.2 compliant
- Supports 18Gbps bandwidth
- Supports resolution up to 4K@60Hz 4:4:4
- Supports HDR function
- Supports COPY / AUTO EDID control
- Compact design for easy and flexible installation

Package Contents

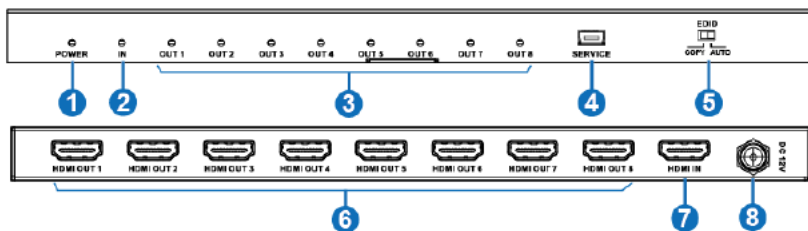
1× 18Gbps 1×8 HDMI Splitter

1× 12V/1A DC Locking Power Adapter

Specifications

Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2
Video Bandwidth	594MHz/18Gbps
Video Resolution	480i~1080p50/60Hz,4Kx2K@24/30Hz, 4k2k@60Hz
HDMI Audio Formats	PCM 2CH, LPCM 7.1/5.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos and DTS:X
ESD Protection	Human body model—±8kV (Air-gap discharge) & ±4kV (Contact discharge)
Connections	
Input Ports	1×HDMI Type A (19-pin female) 1×SERVICE (Micro USB, Update port)
Output Ports	8×HDMI Type A (19-pin female)
Mechanical	
Housing	Metal Enclosure
Silkscreen Color	Black
Dimensions	243mm (W) × 102mm (D) × 16mm (H)
Weight	572g
Power Supply	Input: AC100 - 240V 50/60Hz, Output: DC 12V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	6.15W
Operating Temperature	-10°C ~ 50°C / 14°F ~ 122°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity	20~90% RH (non-condensing)

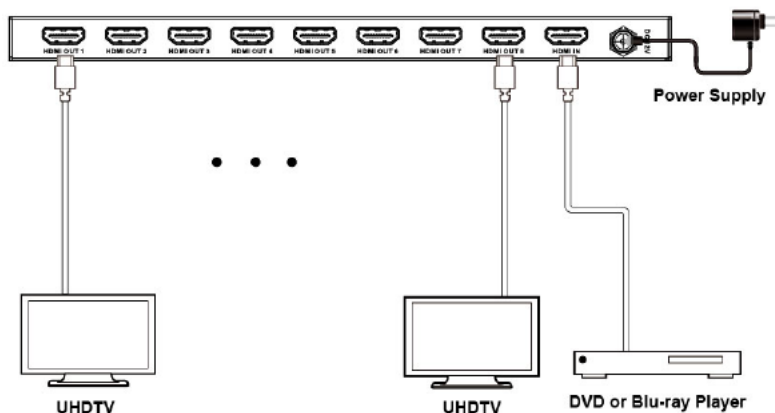
Operating Controls and Functions



Number	Name	Function description
1	POWER LED	This blue LED will illuminate when the device connects power supply.
2	IN LED	This blue LED will illuminate when HDMI IN port connects an active source device.
3	OUT LED	These blue LEDs will illuminate when HDMI OUT ports connects an active display device.
4	SERVICE	Firmware update use only.
5	EDID COPY	When dial switch is dialed to 'COPY' position, the unit will read the EDID setting of the HDMI OUT 1 display device to source device, and the source device will send matching signal to all HDMI outputs. If no HDMI OUT 1 EDID is detected then the unit will read EDID setting of the HDMI OUT 2 display device to source device, etc. The priority order is OUT 1 to OUT 8.
	EDID AUTO	When dial switch is dialed to 'AUTO', the unit will compare the EDID settings of the HDMI OUT 1~8 ports then send the best EDID signal to source device, and source device will send to all outputs.

6	HDMI OUT 1~8	Connect to HDMI display devices such as TVs or Monitors with an HDMI cable.
7	HDMI IN	Connect HDMI source such as DVD player or set-top box with HDMI cable.
8	DC 12V	Plug DC 12V power supply into the unit and connect the adaptor to an AC outlet.

Application Example



FAQ

1. Where is this product usually used?

It can be used in many place such as Entertainment Room / Home Theater / Lecture Hall / Presentation Room / Show Room / Demo Room / Public Commercial Display etc.

2. Which input source and output devices can this product connect to?

Input source devices such as Blu-ray / DVD / PS3 / PS4 player or set-top box or any 6G with HDCP2.2 source etc. Output with 6G HDMI TV / Display or audio amplifier etc.

Note: 6G performance requires high-performance HDMI cable for optimal quality.

3. Does this product require an HDMI line length for the connection interface?

According to HDMI line length test, 4K2K@60Hz / 8 bit YUV 4:4:4 can utilize maximum line length up to 3m, 4K2K@30Hz / 8-bit maximum line length up to 10m, and 1080p@60Hz / 8-bit maximum line length up to 15m.

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

Warranty Terms and Conditions

For the following cases we shall charge for the service(s) claimed for the products if the product is still repairable and the warranty becomes unenforceable or inapplicable.

1. The original serial number (specified by us) labeled on the product has been removed, erased, replaced, defaced or is illegible.
2. The warranty has expired.
3. The defects are caused by the fact that the product is repaired, dismantled or altered by anyone that is not from an authorized service partner. The defects are caused by the fact that the product is used or handled improperly, roughly or not as instructed in the applicable User Guide.
4. The defects are caused by any force majeure including but not limited to accidents, fire, earthquake, lightning, tsunami and war.
5. The service, configuration and gifts promised by salesman only but not covered by normal contract.
6. We reserve the right for interpretation of these cases above and to make changes to them at any time without notice.