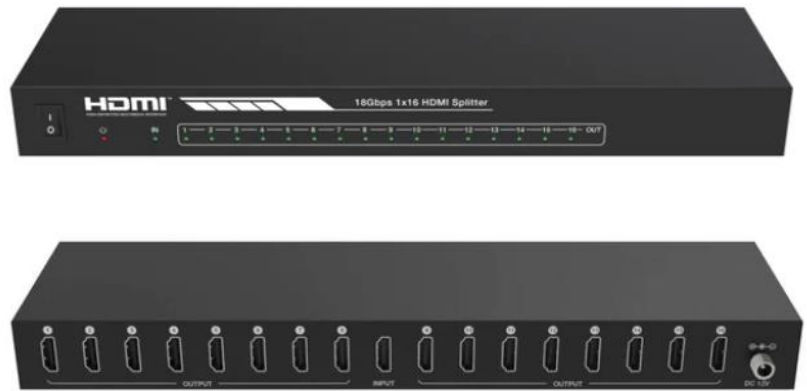


DVDO

DVDO-Splitter-116

4K 1x16 HDMI Splitter with HDR



DVDO-Splitter-116 is a 1x16 HDMI splitter that reliably distributes one HDMI source signal to 16 HDMI display devices synchronously.

It supports video resolutions up to 4K2K@50/60Hz 4:4:4 and provides advanced EDID management.

It also supports HDR, HDR10, HDR10+, HLG and Dolby vision function.

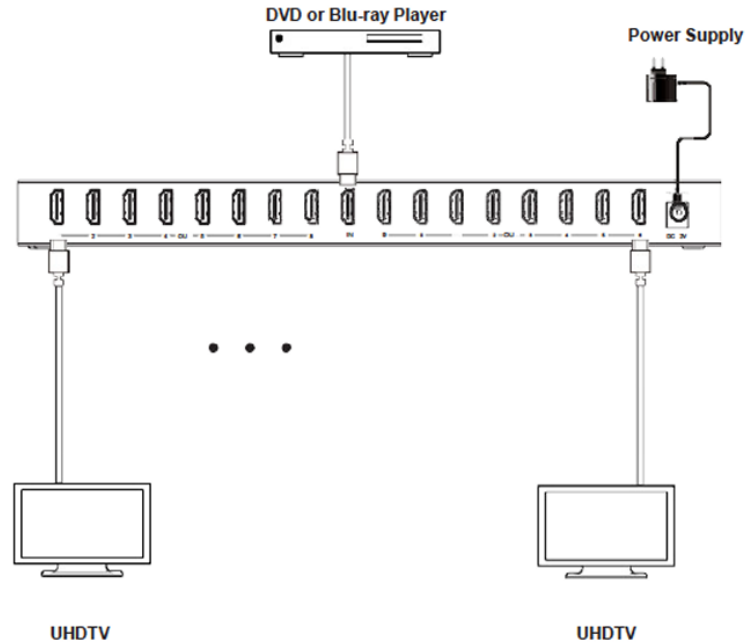
Features

- HDMI 2.0b, HDCP 2.2 / 1.x and DVI 1.0 compliant
- 18Gbps video bandwidth
- Supports video resolutions up to 4K2K@50/60Hz 4:4:4
- Digital audio formats: DTS-HD/Dolby-true-HD/LPCM 7.1/DTS/Dolby-AC3/DSD
- HDR, HDR10, HDR10+, HLG and Dolby vision functions
- Advanced EDID management
- Compact design for easy and flexible installation

Applications

- Conference Rooms
- Hospitality
- Digital Signage
- Houses of Worship
- Education
- Restaurants
- Retail
- Residential

Application Diagram



Technical Specifications

Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2 / 1.x
Video Bandwidth	18Gbps / 594MHz
Video Resolutions	Up to 4K2K@50/60Hz 4:4:4
Color Depth	8-bit, 10-bit, 12-bit (1080p@60Hz) 8-bit (4K2K@60Hz YUV 4:4:4) 8-bit, 10-bit, 12-bit (4K2K@60Hz YCbCr 4:2:2/4:2:0)
Color Space	RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:2:2/4:2:0
HDMI Audio Formats	PCM 2.0/5.1/7.1CH, Dolby 5.1, DTS5.1, Dolby TrueHD, DTS-HD
ESD Protection	Human body model — ±8kV (Air-gap discharge), ±4kV (Contact discharge)
Connections	
Input ports	1 x HDMI Type A [19-pin female]
Output ports	16 x HDMI Type A [19-pin female]
Control ports	1 x Service [Micro USB, Update port] 1 x Dial switch [5-pin]

Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	300mm [W] x 100mm [D] x 28mm [H]
Weight	900g
Power Supply	Input: AC100 ~ 240V 50/60Hz Output: DC 12V/2.5A (US/EU standards, CE/FCC/UL certified)
Power Consumption	12W
Operating Temperature	32 ~ 104°F / 0 ~ 40°C
Storage Temperature	-4 ~ 140°F / -20 ~ 60°C
Relative Humidity	20 ~ 90% RH (no condensing)