



## 48Gbps 1x8 Splitter

This 1x8 HDMI Splitter is an advanced solution for splitting single HDMI signal to 8 HDMI outputs synchronously, with video resolution up to 8K@60 4:2:0 12bit. It supports data rates up to 48Gbps, complying with HDMI 2.1 and HDCP 2.3 requirements. It includes several features for ease of integration, including EDID management, cable equalization. This multi-functional product can work well with xbox or PS5 to achieve 4K@ 120Hz on your TVs or relative monitors.

### Featured Highlights

- HDCP 2.3 compliant
- Support 48Gbps FRL and 18Gbps TMDS video bandwidth
- Support resolution up to 8K@60Hz 4:2:0 12bit, 4K@120Hz 4:4:4 12bit, as specified in HDMI 2.1
- Support VRR, ALLM, QMS, QFT, SBTM, as specified in HDMI 2.1
- Support HDR, HDR10, HDR10+, Dolby Vision, HLG pass-through
- Support HDMI audio formats: LPCM 7.1CH, Dolby TrueHD, Atmos, DTS-HD Master Audio
- Support resolution auto downscaling on each output
- Support auto converting of HDR to SDR on each output
- Advanced EDID management

**TECHNICAL**

HDMI Compliance	HDMI 2.1
HDCP Compliance	HDCP 2.3, HDCP 1.4
Video Bandwidth	48Gbps FRL and 18Gbps TMDS
Video Resolution	Up to 8K@60Hz 4:2:0 12bit, 4K@120Hz 4:4:4 12bit
Color Depth	8/10/12bit
Color Space	RGB, YCbCr 4:4:4 / 4:2:2 / 4:2:0
HDR	HDR, HDR10, HDR10+, Dolby Vision, HLG
Audio Formats	<b>HDMI input/output:</b> LPCM, Dolby Digital/Plus/EX, Dolby True HD, Dolby Atmos, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
ESD Protection	IEC 61000-4-2: ±8kV (Air-gap discharge) & ±4kV (Contact discharge)

**Connection**

Input	1 × HDMI IN [Type A, 19-pin female]
Output	8 × HDMI OUT [Type A, 19-pin female]
Control	1 × SERVICE [USB Type C, Update port]

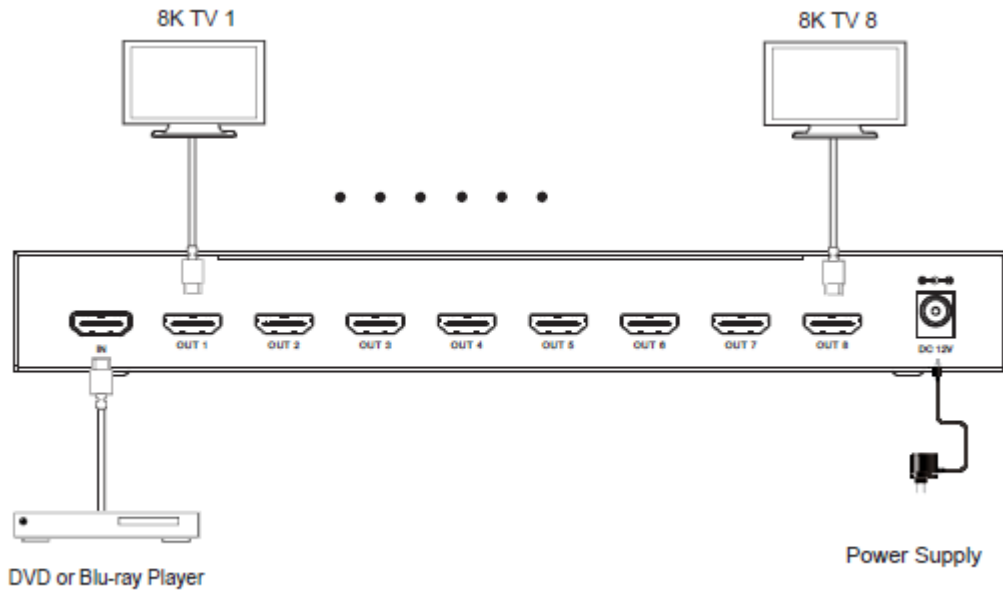
**MECHANICAL**

Housing	Metal Enclosure
Color	Black
Dimensions	250mm [W] × 104mm [D] × 30mm [H]
Weight	743g
Power Supply	DC 12V/2.5A
Power Consumption	12.2W (Max)
Operation Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity	20~90% RH (non-condensing)

**Recommended HDMI Cable**

Video Resolution	8K	4K60	4K30	1080P
HDMI Cable Length (HDMI IN / OUT)	3m/9.8ft (Ultra HDMI 2.1)	5m/16ft	10m/33ft	15m/49ft

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

**Classic Application Example**

**Applications**

AV distribution system in Digital signage, Shopping malls, Video-wall, etc.