



1. Introduction

18Gbps 1x8 HDMI Splitter is an advanced solution for splitting 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 the COPY/ AUTO EDID configuration. Supporting the latest features you can be assured of reliable and high quality HDMI distribution.

2. 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 via dialling the dip switch
- Compact design for easy and flexible installation

3. Package Contents

- 1x 18Gbps 1x8 HDMI Splitter
- 1x 12V/1A DC Locking Power Adapter
- 1x User Manual

4. 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)
Connection	
Input Ports	1xHDMI Type A (19-pin female) 1xSERVICE (Micro USB, Update port)

Output Ports	8xHDMI Type A (19-pin female)
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	243mm (W) x 102mm (D) x 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 (Max.)
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)

5. Application Example

