



4K HDMI Splitter, 8-Port



Manual DS-43303 Rev. 2

1.0 Introduction

The 8-port 4K HDMI splitter allows sharing eight HDMI displays or projectors with an HDMI-enabled audio / video source device, such as a computer, Blu-ray player or cable TV, set-top box. With support for Ultra HD (4K) the HDMI splitter ensures astonishing picture quality, four times the resolution of high-definition 1080p. The 4K splitter is also backward compatible with previous HDMI revisions, supporting 1080p/ 720p HDMI video resolution devices. Even if you don't require 4K video today, the 8 ports splitter ensures you'll be ready to take advantage of display technology in the future.



2.0 Feature

- Easy to Use: Install in seconds, no need of setting
- One HDMI Input, eight HDMI outputs
- Supports Full 3D and 4Kx 2K@ 30Hz resolution
- Supports 340MHz/3.4Gbps per channel (10.2Gbps all channels)
- Supports 12bit per channel (36bit all channels) deep color
- Supports HDCP 1.4
- Supports uncompressed audio such as LPCM 7.1
- Supports compressed audio such as DTS Digital. Dolby Digital (including DTS-HD and Dolby True HD)

3.0 Specification

Input DDC Signal	5 Volts p-p (TTL)
Maximum Single Link Range	4Kx 2K@ 30Hz
HDCP support	1.4
Vertical Frequency Range	50/ 60Hz
Video Amplifier Bandwidth	3.4Gbps/ 340MHz
Interlaced Resolutions(50& 60Hz)	480i, 576i, 1080i
Progressive Resolutions(50& 60Hz)	480p, 576p, 720p, 1080p, 4Kx 2K@ 30Hz
Size(L-W-H)	211 x 65 x 26mm
Operating Temperature	0°C to 70°C
Operating Humidity	10% to 85% RH (no condensation)
Storage Temperature	-10°C to +80°C
Storage Humidity	5% to 90% RH (no condensation)
Power Supply	DC 5V, 2A
Power Consumption(Max)	5.5W

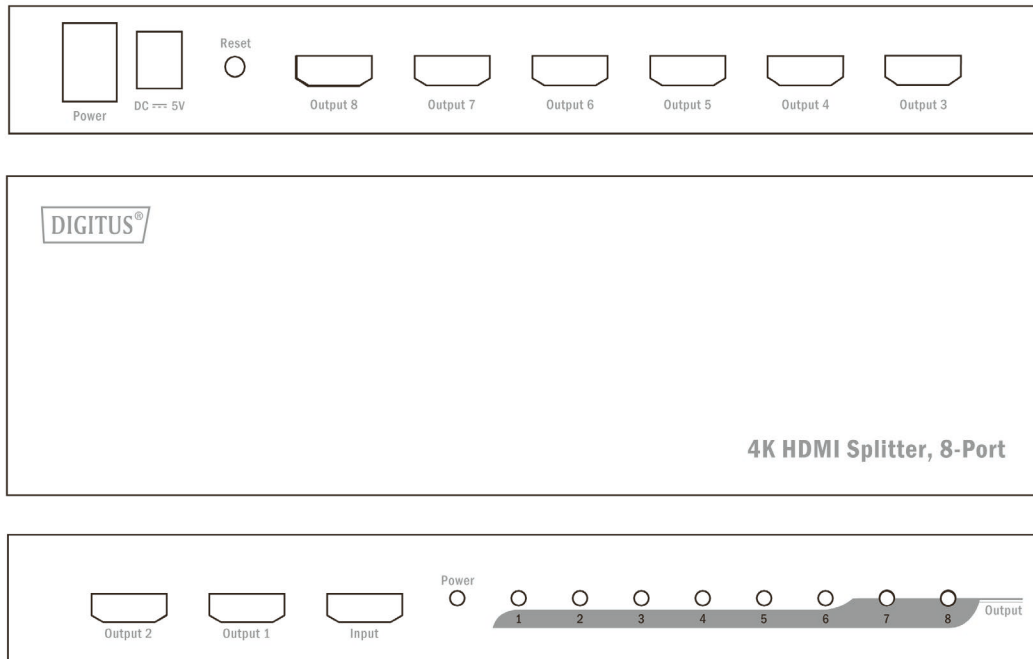
Note: Specification is subject to change without notice.



4.0 Package Content

- Main Unit
- 5V DC Power Supply
- User Manual

5.0 Panel Description



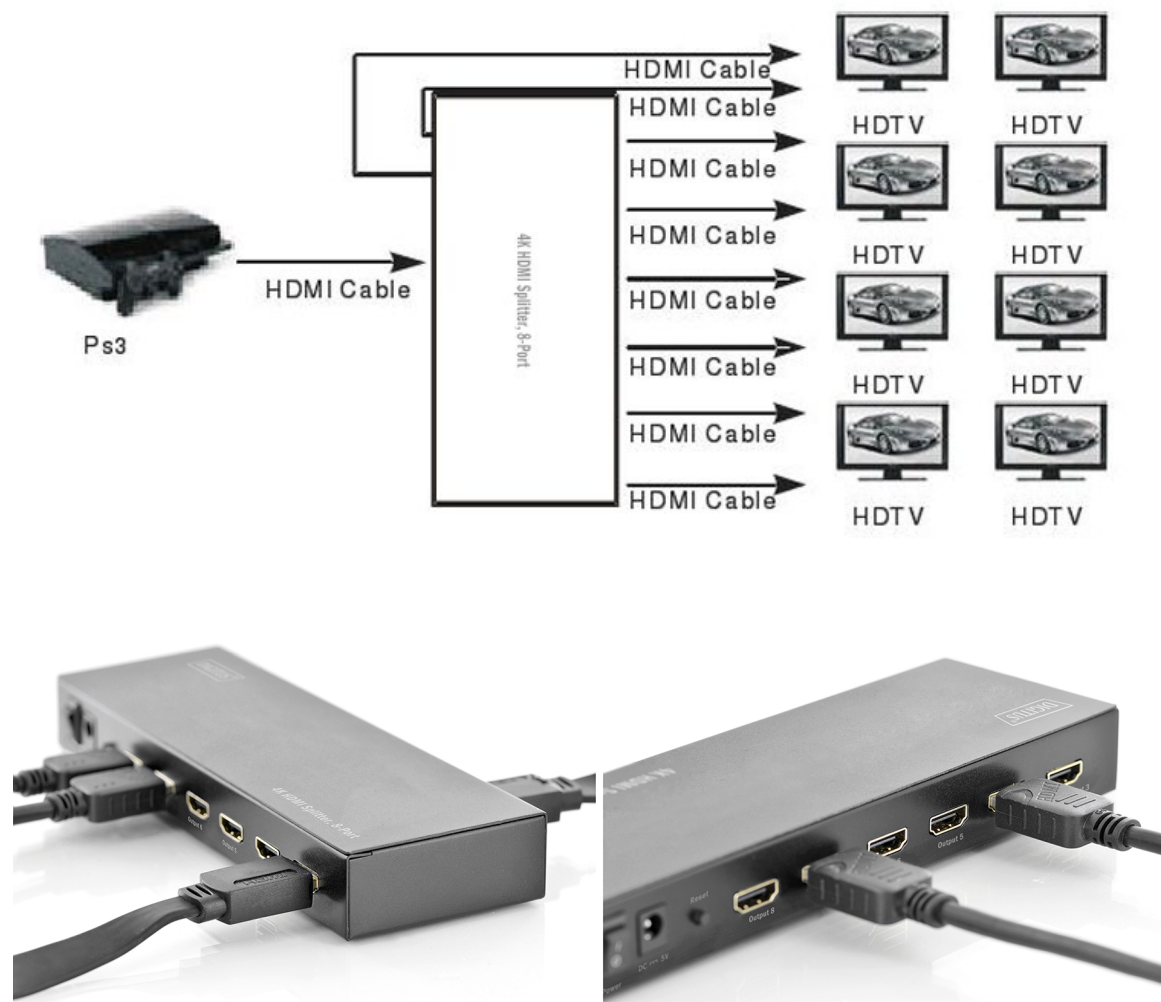
6.0 Connection and Operation

- Connect the HDMI input source and output devices into the HDMI Amplifier Splitter.
- Insert the DC side of 5V power supply into the splitter and then connect the AC side of the power supply into the wall outlet.
- Turn on the power.

Attention: Insert / Extract cable gently.



6.1 Connection Diagram



This is a Class A product. In home environment, this product may cause radio interference.
In this case, the user may be required to take appropriate measures.

Hereby Assmann Electronic GmbH, declares that the Declaration of Conformity is part of the shipping content. If the Declaration of Conformity is missing, you can request it by post under the below mentioned manufacturer address.

www.assmann.com
Assmann Electronic GmbH
Auf dem Schüffel 3
58513 Lüdenscheid
Germany

