DIGITUS®

4K HDMI Splitter, 1x4

Quick Installation Guide
DS-55337

1. Introduction

The DIGITUS® HDMI Splitter splits your HDMI device's audio and video signals on 4 TVs, monitors or projectors with a resolution of UHD 4K / 60 Hz. Via EDID management, you can choose from 3 modes (Copy, Auto, Downscaler). The integrated Downscaler supports the display of 4K contents on Full HD displays. Additionally, 4K as well as Full HD displays can be operated simultaneously. Thanks to its Auto-EDID function, the splitter automatically recognizes the connected displays - no manual settings required. The video splitter is supplied with power via the Micro USB cable, e.g. via the source device or a USB charging adapter.

2. Main Features

- Distributes an HDMI signal onto 4 TVs/monitors/projectors
- EDID management: Auto/Copy/Downscaler
- Power supply via Micro USB cable (included)
- Max. resolution: 4K/60Hz (4:4:4)
- Video bandwidth: 18 Gbps
- Supports High Dynamic Range (HDR)
- Supports HDCP 2.2
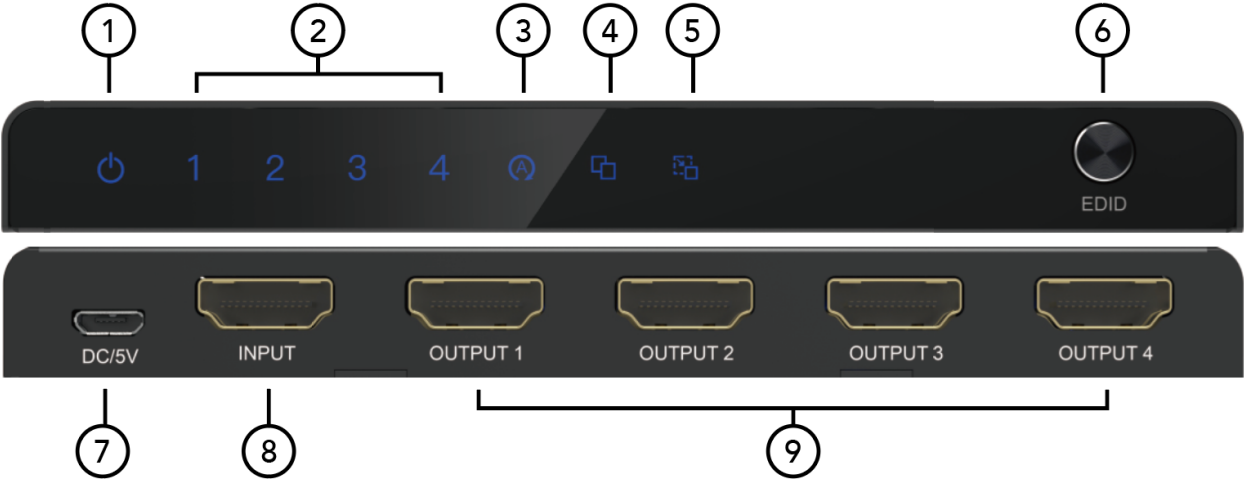- Supports Deep Color (36-bit)
- HDMI 2.0

3. Package Content

- 1x HDMI Splitter
- 1x Micro USB cable (0,75 m)
- 1x QIG

4. Technical Features

Specs	Description
Video Inputs	1x HDMI
Video Output	4x HDMI
Vertical Frequency Range	50/60 Hz
Video Bandwidth	6.0Gbps / 600MHz per channel, 18Gbps all channels
Interlaced Resolutions	480i, 576i, 1080i
Progressive Resolutions	480p, 576p, 720p, 1080p, 4K@24/30Hz, 4k@50/60Hz
Operating Temperature	0℃ to 70℃
Storage Humidity	5% to 90% RH non-condensation
Power Supply	Micro USB (Cable)
Power Consumption (Max)	5W
Dimension (LxWxH)	136 x 61 x 14.5mm
Net Weight	182 g
Material	Metal

5. Overview

1. **Power LED**	5. **Downscaler Mode LED Indicator:**
2. **1-4:** HDMI Output 1-4 LED Indicator	- ON is In Downscaler EDID Mode which can downscale the Input 4K Resolution to 1080p by the FHD (1080p) Display and 4K Resolution to the 4K Displays Simultaneously.
3. **Auto Mode LED Indicator:**	
- ON is in normal Auto EDID Mode which gets the lower resolution and audio format of the both outputs for the input device to output the signal to fit both outputs	6. **EDID:** Three EDID modes to select via button for downscaler, auto and copy
4. **Copy Mode LED Indicator:**	7. **DC/5V:** USB DC 5V Input
- ON is in Copy EDID Mode which copies the Output1 resolution and audio format for the input device to output the signal	8. **INPUT:** HDMI Input port
	9. **OUTPUT 1-4:** HDMI Output 1-4 port

6. Connection Diagram

7. Troubleshooting

Problems	Causes	Solutions
Power light is off and product is not working.	No power supply connected.	Please connect the micro USB cable and connect it to the signal source or, if necessary, to a USB charging adapter via a socket.
No signal output on the screen.	The HDMI cable may not comply with the HDMI 2.0 specification or is maybe too long.	Please use at least a High Speed HDMI 2.0 cable that does not exceed the maximum length of the input/output cable of 5 m for 4K/60Hz (4:4:4) or

		10 m for 4K@30Hz / 1080p.
No picture out only sound out or output pink screen.	Maybe the displays can't support the resolution or the HDCP.	Change a lower resolution of the input HDMI signal to check whether this issue or not; if not, maybe the customer should change a non-HDCP input source or HDCP compliant displays or devices.
No picture out to a FHD TV when connecting a 4K@60Hz source, and have normal picture to the 4K HDR supported TV at the same time.	Maybe the downscaler function can`t support the input signal, such as 4K@60Hz 4:2:2 HDR signal (Dolby Vision) or when connect one FHD TV with a fixed 4K@60Hz output device.	The downscaler function only support the 4K@60Hz 4:4:4 and 4:2:0(HDR 10) signal downscaler to 1080p signal, or there will be no picture output to the FHD TV, the customer need change a supported downscaler signal input.

Disclaimer

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.

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