DIGITUS®

4K HDMI Splitter, 1x2

Quick Installation Guide
DS-55336

1. Introduction

The DIGITUS® HDMI Splitter splits your HDMI device's audio and video signals on two 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 output of 4K contents on Full HD displays. Additionally, a 4K as well as a Full HD display 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 2 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
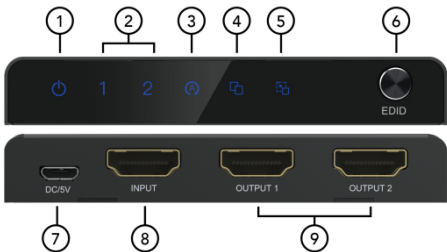- Supports Deep Color (36-bit)
- HDMI 2.0

3. Package Content

- 1x HDMI Splitter
- 1x Micro USB cable (0,7 m)
- 1x QIG

4. Technical Features

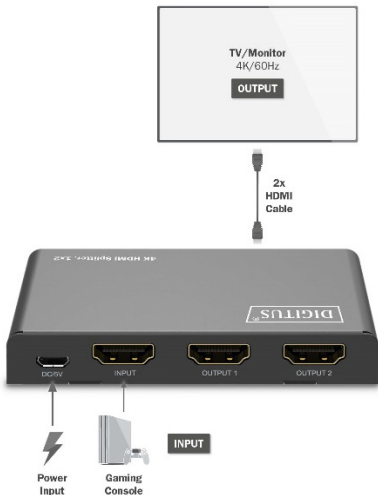|	
Input Ports	HDMI x 1
Output Ports	HDMI x 2
Vertical Frequency Range	50/60Hz
Video Amplifier Bandwidth	6.0Gbps/600MHz per channel(18Gbps all channels)
Interlaced(50&60Hz)	480i,576i,1080i
Progressive(50&60Hz)	480p,576p,720p,1080p,4K@24/30Hz,4K@50/60Hz
Operating Temperature	0℃ to 70℃
Storage Humidity	5% to 90% RH non-condensation
Power Consumption (Max)	5W

5. Panel Description

1.)	**Power LED**
2.)	**1-2:** HDMI Output 1-2 LED indicator
3.)	**Auto Mode LED Indicator:** ON is in Normal Auto EDID Mode which gets the Lower Resolution and Audio Format of the Both Output for the Input Device to Output the Signal to fit both Outputs
4.)	**Copy Mode LED Indicator:** ON is In Copy EDID Mode which copy the Output1 Resolution and Audio Format for the Input Device to Output the Signal
5.)	**Downscaler Mode 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 1080p by the FHD (1080p) Display and 4K Resolution to the 4K Displays Simultaneously.
6.)	**EDID:** Three EDID select button for downscaler, auto and copy

7.)	**DC/5V:** Micro USB DC 5V Input
8.)	**INPUT:** HDMI Input port
9.)	**OUTPUT 1-2:** HDMI Output 1-2 port

6. Connection Diagram

7. Troubleshooting

Problems	Causes	Solutions
Power light is off, and product is not working	No power supply	Please check if the power adapter and Micro USB power cable is connected properly
Screen splash	HDMI cable may not be HDMI 2.0 specification, or the cable is too long	Please use at least one 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 not have 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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