



4K HDMI Splitter, 1x8



Quick Installation Guide

DS-55338

1. Introduction

The DIGITUS® HDMI Splitter splits your HDMI device's audio and video signals on 8 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.

2. Main Features

- Distributes an HDMI signal onto 8 TVs/ monitors/ projectors.
- EDID management: Auto/Copy/Downscaler
- 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

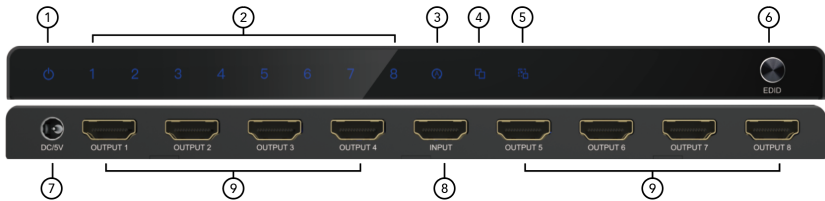
3. Package Content

- 1x HDMI Splitter
- 1x Power supply unit (5V/ 2A, 1,2 m)
- 1x QIG

4. Technical Features

Item	Description
Video Inputs	1x HDMI
Video Output	8x HDMI
Vertical Frequency Range	50/60 Hz
Video Bandwidth	6.0 Gbps / 600MHz per channel, 18 Gbps all channels
Interlaced Resolutions	480i, 576i, 1080i
Progressive Resolutions	480p, 576p, 720p, 1080p, 4K@24/30Hz, 4k@50/60Hz
Operating Temperature	0°C to 70°C
Storage Humidity	5% to 90% RH non-condensation
Power Supply	DC 5V/ 2A
Power Consumption (Max)	10W
Dimension (LxWxH)	228 x 84 x 15mm
Net Weight	387 g
Housing	Metal

5. Overview



<ol style="list-style-type: none"> 1. Power LED 2. 1-8: HDMI Output 1-8 LED Indicator 3. Auto Mode LED Indicator: <ul style="list-style-type: none"> - 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: <ul style="list-style-type: none"> - ON is In Copy EDID Mode which copy the Output1 Resolution and 	<ol style="list-style-type: none"> 5. Downscaler Mode LED Indicator: <ul style="list-style-type: none"> - 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. 6. EDID: Three EDID select button for downscaler, auto and copy 7. DC/5V: DC 5V Input 8. INPUT: HDMI Input port 9. OUTPUT 1-8: HDMI Output 1-8 port
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Audio Format for
the Input Device to
Output the Signal

6. Connection Diagram



7. Troubleshooting

Problems	Causes	Solutions
Power light is off, and product is not working	No power supply connected	Please connect the power supply
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	Maybe the downscaler function can't support the input signal, such as	The downscaler function only support the 4K@60Hz 4:4:4 and 4:2:0(HDR 10) signal downscaler to 1080p signal, or there

have normal picture to the 4K HDR supported TV at the same time	4K@60Hz 4:2:2 HDR signal (Dolby Vision) or when connect one FHD TV with a fixed 4K@60Hz output device	will be no picture output to the FHD TV, the customer need change a supported downscaler signal input
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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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Assmann Electronic GmbH
 Auf dem Schüffel 3
 58513 Lüdenscheid
 Germany

