DIGITUS®

4K HDMI Splitter, 1x2

Quick Installation Guide
DS-45327

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1. Introduction

The DIGITUS® 4K HDMI Splitter, 1x2 distributes an AV signal onto 2 screens in UHD resolution (4K/60Hz) Thanks to the down-scaling function, no screen will remain black if for example a 4K signal needs to be output simultaneously on a 4K and a Full HD monitor. The splitter does not require an external power adapter and is supplied with power via the Micro USB cable included in delivery, e.g. via the source device.

2. Main Features

- Supports 4K2K/60Hz (HDR, 4:4:4)
- Video bandwidth: 18 Gbps
- Auto down-scaling (4K -> 1080p)
  - Mixed operation of Full HD + 4K screen possible
- Power supply via Micro USB cable - No external power adapter required
- HDMI 2.0
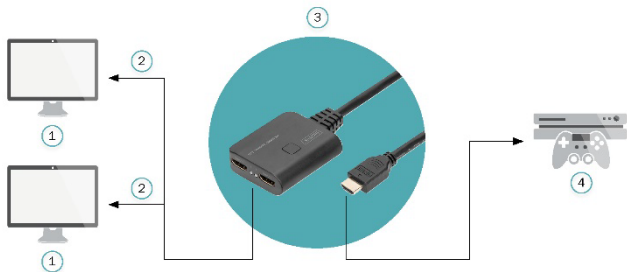- HDCP 2.2 / 1.4
- Cable length: 0.5 m

3. Package content

- 1x HDMI splitter
- 1x Micro USB cable (0.5 m)
- 1x QIG

4. Ports and Interfaces

1.	HDMI IN: HDMI INPUT Male Port with fixed HDMI cable
2.	MICRO USB: USB DC 5V Input
3.	POWER: Power LED
4.	RESET: USB DC 5V Input
5.	OUTPUT 1-2: HDMI Output 1-2 port
6.	OUTPUT 1-2: HDMI Output 1-2 LED Indicator

5. Connection Diagram

1	Monitor	3	4K HDMI Splitter
2	HDMI Cable	4	Gaming Console

6. Specification

Input Ports	HDMI x 1
Output Ports	HDMI x 2
Vertical Frequency Range	50/ 60 Hz
Video Amplifier Bandwidth	6.0Gbps/600MHz per channel (18Gbps all channels)
Interlaced (50&60Hz)	480i, 576i, 1080i
Progressive (50&60Hz)	480p, 576p, 720p, 4K 24/30 Hz, 4K 50/60 Hz
Limited Waranty	1 Year Parts and Labor
Operating Temperature	0°C to 70°C

Storage Humidity	5% to 90% RH non- condensation
Power Supply	USB Power Cable
Power Consumption (Max)	5 W
Splitter Unit Cert	FCC, CE, RoHS
Power Supply Cert	FCC, CE, RoHS
Power Adapter Standard	US, EU, UK, AU Standard etc.
Dimension (LxWxH)	65 x 54.5 x 20.5 mm
Net Weight	92 g
Material	ABS
User Manual	English Version

Note: Specifications are subject to change without notice.

7. Troubleshooting

Problems	Causes	Solutions
Power light is off and product is not working	Is the USB power cable properly connected and the power on/off button is on	Please check if the power adapter is connected properly and switch on the power on/off button
Screen splash	HDMI cable may not be HDMI 2.0 specification or the cable is too long	Please use the standard HDMI 2.0 cable, the output cable length does not exceed 5M 4K/60Hz 4:4:4, 4K 30Hz/1080p can reach to 10M

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

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