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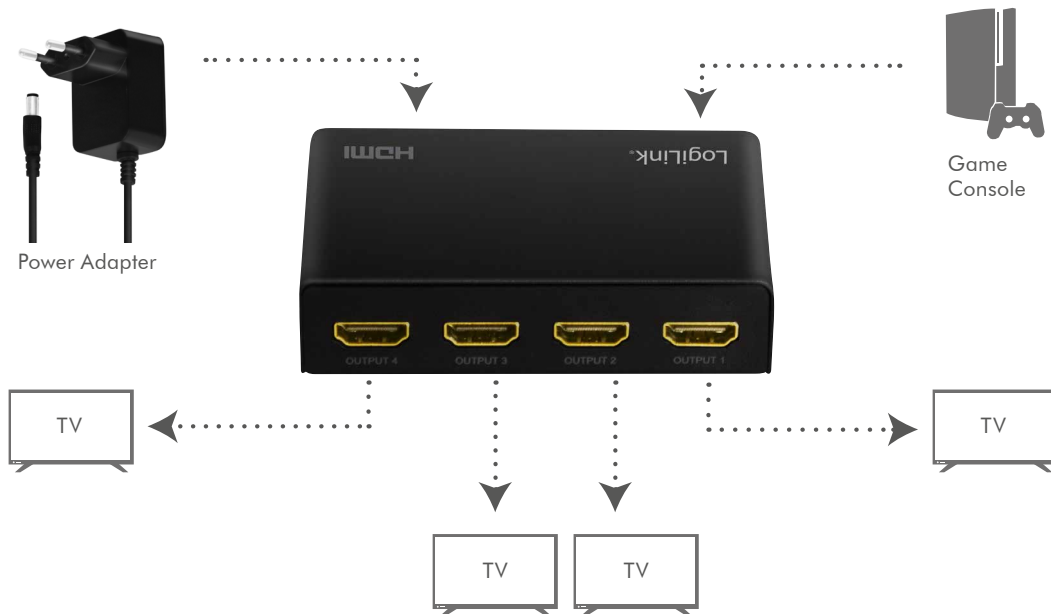
4K HDMI Splitter, 1x4 Ports 4K/60 Hz, EDID, Downscaler

Art. No.: HD0038

This 4K HDMI Splitter with EDID management is an advanced solution for splitting a single HDMI input to four HDMI outputs. It provides high performance audio and video output up to UHD 4K/60 Hz resolution and delivers up to 18 Gbps of bandwidth, ensuring the best 4K picture quality.

Features:

- » Connects one HDMI source to four HDMI displays at the same time
- » Resolution up to UHD 4K/60 Hz (YUV 4:4:4) and Full 3D
- » Bandwidth up to 18 Gbps (6 Gbps at 600 MHz per channel)
- » Supports HDCP 2.2 (internal HDCP Key) and EDID Management
- » Supports DDC, HDR, CEC (HDMI output 1) and downscaler function
- » Supports 36 bit Deep Color (12 bit per channel)
- » Supports LPCM 7.1, Dolby TrueHD and DTS-HD Master Audio™
- » Perfect solution for home, school, bars and restaurants



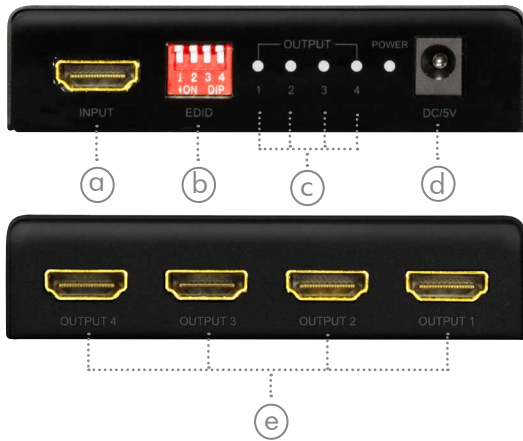
The „Downscale“ function allows the product to display the 4K input resolution on two screens/monitors with different maximum resolutions (e.g. 1080p and 4K) simultaneously. This is useful, for example, when using an older Full HD (1080p) monitor and a newer Ultra HD (4K) monitor at the same time.



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- (a) HDMI input port
- (b) EDID mode select DIP-switch
- (c) HDMI output 1-4 LED indicator
- (d) DC 5 V input
- (e) HDMI output 1-4 ports

EDID Control Modes:

Mode	Binary Code	1 2 3 4	EDID Information	Output Resolution
Mode 1	1 1 1 1	↑ ↑ ↑ ↑	4K/60 Hz, 24 bit, 2D, 2.0CH	4x 4K/60 Hz simultaneously
Mode 2	1 1 1 0	↑ ↑ ↑ ↓	1080p/60 Hz, 24 bit, 3D, 2.0CH	4x 1080p/60 Hz simultaneously
Mode 3	1 1 0 1	↑ ↑ ↓ ↑	1080p/30 Hz, 1080i/60 Hz, 720p/60 Hz, 24 bit, 2D, 2.0CH	4x 1080p/30 Hz simultaneously 4x 1080i/30 Hz simultaneously 4x 720p/60 Hz simultaneously
Mode 4	1 1 0 0	↑ ↑ ↓ ↓	1080p/30 Hz, 1080i/60 Hz, 720p/60 Hz, 24 bit, 2D, 7.1CH	4x 1080p/30 Hz simultaneously 4x 1080i/30 Hz simultaneously 4x 720p/60 Hz simultaneously
Mode 5	1 0 1 1	↑ ↓ ↑ ↑	1080p/60 Hz, 36 bit, 2D, 2.0CH	4x 1080p/60 Hz simultaneously
Mode 6	1 0 1 0	↑ ↓ ↑ ↓	1080p/60 Hz, 36 bit, 2D, 7.1CH	4x 1080p/60 Hz simultaneously
Mode 7	1 0 0 1	↑ ↓ ↓ ↑	1080p/60 Hz, 24 bit, 2D, 2.0CH	4x 1080p/60 Hz simultaneously
Mode 8	1 0 0 0	↑ ↓ ↓ ↓	1080p/60 Hz, 24 bit, 2D, 7.1CH	4x 1080p/60 Hz simultaneously
Mode 9	0 1 1 1	↓ ↑ ↑ ↑	Copy Output 2	It depends on the resolution of Output 2. If Output 2 is 4K/60 Hz, the resolution is 4x 4K/60Hz simultaneously
Mode 10	0 1 1 0	↓ ↑ ↑ ↓	Copy Output 3	It depends on the resolution of Output 3. If Output 3 is 4K/60 Hz, the resolution is 4x 4K/60Hz simultaneously
Mode 11	0 1 0 1	↓ ↑ ↓ ↑	Copy Output 1	It depends on the resolution of Output 1. If Output 1 is 4K/60 Hz, the resolution is 4x 4K/60Hz simultaneously
Mode 12	0 1 0 0	↓ ↑ ↓ ↓	Copy Output 4	It depends on the resolution of Output 4. If Output 4 is 4K/60 Hz, the resolution is 4x 4K/60Hz simultaneously
Mode 13	0 0 1 1	↓ ↓ ↑ ↑	Compose Downscale	4x 4K/60 Hz simultaneously 4x 1080p/60 Hz simultaneously 2x 4K/60 Hz, 2x 1080p/60 Hz simultaneously 1x 4K/60 Hz, 3x 1080p/60 Hz simultaneously 3x 4K/60 Hz, 1x 1080p/60 Hz simultaneously



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Specifications:

Input Port	1x HDMI-A female
Output Ports	4x HDMI-A female
HDMI Version	2.0
HDCP Version	2.2
Output Resolution	480i/60 Hz, 576i/50 Hz, 1080i/50/60 Hz, 480p/60 Hz, 576p/50 Hz, 720p/50/60 Hz, 1080p/24/25/30/50/60 Hz, 4K@24/25/30 Hz, 4K@50/60 Hz 4:4:4
Video Bandwith	Up to 18 Gbps
CEC (Consumer Electronics Control)	HDMI output 1
DDC (Display Data Channel)	Yes
HDR (High-Dynamic Range)	Yes
EDID Management	Yes
LED Indicator	Yes
Chassis Material	Metal
3D Supporting	Yes
Power Consumption	5 W max.
Power Supply	5 V/1 A
Uncompressed Audio	LPCM 7.1
Compressed Audio	DTS-HD Master Audio™, Dolby TrueHD
Operating Temperature	0–70°C
Operating Humidity	10–85% RH (no condensation)
Dimensions	9.5 x 6.5 x 2.3 cm
Weight	211 g

Specification of External Power Supply:

Input Voltage	100–240 V, 50/60 Hz 0.2 A
Output Power	5 V/1 A, 5 W max.
DC Plug	5.5 x 2.1 mm
Dimensions	51 x 35 x 59 mm
Cable Length	1.2 m
Weight	70 g



Package Contents:

- » 1x HDMI Splitter
- » 1x Power Adapter
- » 1x User Manual

Package Information:

- » Packing Dimension: 190 x 145 x 60 mm
- » Packing Weight: 0.36 kg
- » Carton Dimension: 505 x 235 x 340 mm
- » Carton Q'ty: 15 pcs
- » Carton Weight: 5.6 kg



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