



HDMI® Splitter, 1x2, 4K / 30 Hz



Quick Installation Guide

DS-45340

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1. Introduction

Splits an HDMI input signal onto two output displays. It supports a maximum resolution of 4K2K/30Hz. Via an EDID changeover switch, two modes can be selected (Copy: HDMI output 1 / Auto mode: Automatically compares HDMI output 1&2 and merges together a new EDID and plays this back to the HDMI input.

2. Feature

1. Output of an HDMI input signal onto two output displays at the same time, in 4K/30Hz
2. EDID support (2 modes) 1: Copy – HDMI output 1 / 2: Auto Mode – Compare & create HDMI output 1 & 2
3. HDMI 1.4b
4. HDCP 1.4
5. Video bandwidth: 2.97 Gbps
6. Compact design for easy and flexible installation

3. Package Content

- 1x HDMI splitter
- 1x Power adapter (DC 5V/1A, 1.5 m)
- 1x User manual

4. Specifications

Technical	
HDMI Compliance	HDMI1.4b
HDCP Compliance	HDCP1.4
Video Bandwidth	2.97Gbps
Video Resolution	Up to 4K×2K@30Hz
Audio Formats	DTS-HD/Dolby-true HD /LPCM 7.1/DTS/ Dolby-AC3/DSD
Color Depth	30bit, 36bit and 48bit/pixel
ESD Protection	Human body model: +/- 8 kV (air-gap discharge) +/- 4 kV (contact discharge)

Connection	
Input	1x HDMI Type A (19-pin female)
Output	2x HDMI Type A (19-pin female)
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	60 x 70 x 20mm
Weight	125g
Power Supply	DC 5V/1A
Power Consumption	1.5W
Operation Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)

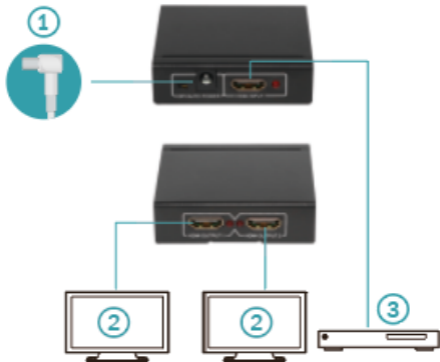
5. Product Overview



No.	Name	Function Description
1	EDID switch	<p>Use the switch to set EDID mode:</p> <ul style="list-style-type: none">• Copy mode: Copy the EDID of HDMI OUTPUT 1 port to the input port.• Auto mode: Compare the EDID of two HDMI output ports automatically, and merge a new EDID to the input port.

2	DC 5V	5V DC power supply port.
3	HDMI INPUT	HDMI signal input port. Connect to HDMI source device such as DVD or PS3 box with HDMI cable.
4	Input LED	Red LED is on when there is HDMI signal input.
5	HDMI OUTPUT 1	HDMI signal output port 1. Connect to HDMI display device such as HDTV or Monitor.
6	OUTPUT 1 LED	Red LED is on when the HDMI OUTPUT 1 port outputs HDMI signals.
7	OUTPUT 2 LED	Red LED is on when the HDMI OUTPUT 2 port outputs HDMI signals.
8	HDMI OUTPUT 2	HDMI signal output port 2. Connect to HDMI display device such as HDTV or Monitor.

6. Application Example



1. Power Supply

2. TV or Monitor

3. DVD or Blu-ray Player

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