

HDMI SPLITTER

HDMI Splitter 1X2 (4K30Hz)



Where every Moment comes Alive

ER2842SP2

Introduction

The EIRA **1x2 HDMI Splitter** allows a single HDMI source to be transmitted to two HDMI-compatible displays, such as monitors or projectors. It is an ideal solution for sharing high-definition video and audio from devices like DVD players, A/V receivers, and set-top boxes. Additionally, the splitter can be used at the end of a long HDMI cable to regenerate and enhance the signal, ensuring stable transmission over extended distances. Supporting resolutions up to **3840x2160 at 30Hz**, this device delivers sharp and clear visuals, making it perfect for home theaters, presentations, and multi-display setups.

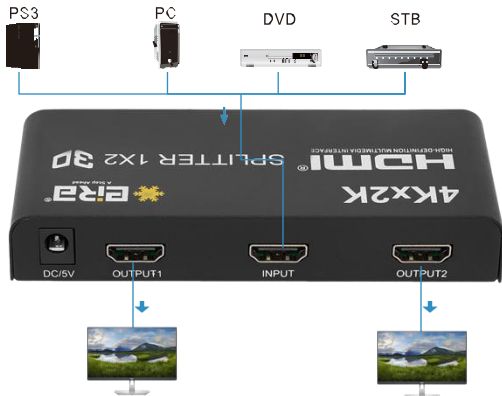
Features

- **HDMI 1.4b Support:** Compatible with HDMI 1.4b version for reliable performance.
- **3D Video Format:** Supports 3D video formats for immersive viewing experiences.
- **High Resolution:** Handles resolutions up to 3840x2160 at 30Hz for clear and detailed visuals.
- **High Data Rate:** Supports a maximum baud rate of 3.4 Gbps and a TMDS clock rate up to 340 MHz.
- **Deep Color:** Supports 8/10/12-bit deep color for vibrant and accurate color reproduction.
- **Cable Length:** Works with AWG26 HDMI standard cables; input and output up to 8 meters each.
- **Multiple HDMI Sinks:** Distributes one HDMI source to up to two HDMI displays (e.g., DVD player, A/V receiver, set-top box).
- **Power Supply:** Includes a 5V/1A power adapter for operation.

Specifications

- **HDMI version:** HDMI 1.4b.
- **Supported video formats:** 8/10/12-bit deep color.
- **Supported audio formats:** DTS-HD, Dolby-TrueHD, DTS, Dolby-AC3, DSD.
- **HDMI input:** 1 HDMI.
- **HDMI output:** 2 HDMI.
- **Max working current:** 500mA.
- **Power adapter:** Input: **AC (50Hz, 60Hz) 100V-240V**; Output: **DC 5V/1A**.
- **Operating temperature:** -15°C to +55°C.
- **Operating humidity:** 5% to 90% RH (No Condensation).
- **Dimensions (L x W x H):** 128 x 53 x 23.5 mm.
- **Weight:** 139g.

Connection diagram:



Connection and Operation:

1. Connect 1 HDMI cable from HDMI source devices into HDMI Splitter input.
2. Connect 2 HDMI cables from displays (monitors or projectors) into the HDMI Splitter outputs.
3. Connect 5V power supply to the HDMI 1x2 Splitter.

Package include :

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|------------------------|------|
| 1. HDMI splitter | 1PCS |
| 2. 5V/1A Power adapter | 1PCS |
| 3. User manual | 1PCS |