

## HDMI SPLITTER

HDMI Splitter 1X4 (4K30Hz)



*Where every Moment comes Alive*

**ER2843SP4**

**HDMI®**  
HIGH-DEFINITION MULTIMEDIA INTERFACE

## Introduction

The HDMI 4K 1x4 splitter is designed to distribute a one HDMI source to four HDMI displays simultaneously, making it ideal for multi-monitor setups or presentations. Supporting resolutions up to 3840x2160 at 30Hz, it ensures high-quality video output across all connected screens. Additionally, this splitter can be used to regenerate HDMI signals, enhancing signal strength over long cable runs for consistent performance.

## Features

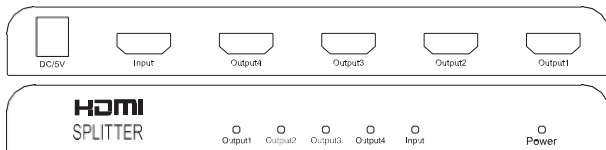
- **HDMI 1.4b Support:** Compatible with HDMI 1.4b version for reliable performance.
- **3D Video Format:** Supports 3D video formats for immersive viewing experiences.
- **High Resolution:** Handles resolutions up to 3840x2160 at 30Hz for clear and detailed visuals.
- **High Data Rate:** Supports a maximum data 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 20 meters each (15 meters at 4K resolution).
- **Multiple HDMI Sinks:** Distributes one HDMI source to up to four 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
- **HDMI Resolution:** Up to 3840x2160/30Hz
- **Supported Video Format:** 8/10/12-bit deep color
- **Supported Audio Format:** DTS-HD, Dolby TrueHD, DTS, Dolby AC3, DSD
- **Max Bandwidth:** 340 MHz
- **Max Baud Rate:** 3.4 Gbps
- **Input Cable Distance:**
  - 1080p Resolution: ≤20 meters
  - 4K Resolution: ≤15 meters
- **Output Cable Distance:**
  - 1080p Resolution: ≤20 meters
  - 4K Resolution: ≤15 meters
- **Cable Type:** AWG26 HDMI standard cable
- **Max Working Current:** 500 mA

- **Power Adapter Format:**
  - Input: AC (50Hz, 60Hz) 100V-240V
  - Output: DC 5V/1A
- **Operating Temperature Range:** -15°C to +55°C
- **Dimensions (L x W x H):** 178 x 67 x 23 mm
- **Weight:** 230 g

## Physical interface diagram



Port	Function description
DC/5V	DC5V input, connect with 5V/1A power adaptor
Input	HDMI signal input port
Output4-1	HDMI signal output port 4-1
Output1-4	HDMI 1-4 output signal indicator
Input	HDMI signal input Indicator
Power	Power Indicator

## Package Contents

- |                         |      |
|-------------------------|------|
| 1. HDMI 4K 1X4 Splitter | 1PCS |
| 2. 5V/1A Power adapter  | 1PCS |
| 3. User manual          | 1PCS |

## Connection Diagram



## Connection Operation

- 1: Connect the HD source to the splitter input with one hdmi cable
- 2: Connect the splitter output to the displays with 4 hdmi cables
- 3: Connect 5V/1A power adapter to the splitter

## Application Industries



Market



TV store



Teaching