

HDMI SPLITTER

HDMI Splitter 1x8 (4K30Hz)



Where every Moment comes Alive

ER2844SP8

HDMI[™]
HIGH-DEFINITION MULTIMEDIA INTERFACE

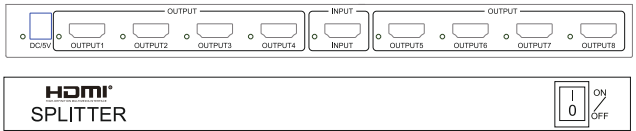
Introduction

The HDMI 4K 1x8 splitter is designed to distribute a one HDMI source to eight 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.
- **Deep Color:** Supports 8/10/12-bit deep color for vibrant and accurate color reproduction.
- **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.
- **Transmission Distance:** up to 20m

Physical interface diagram



The Package Includes

- | | | | |
|------------------|------|----------------|------|
| 1. HDMI splitter | 1pcs | 3. User manual | 1pcs |
| 2. Power adapter | 1pcs | | |

Specifications

- **HDMI Resolution:** Up to **3840x2160/30Hz**.
- **Supported Video Format:** **8/10/12-bit deep color**.
- **Supported Audio Formats:** **DTS-HD, Dolby-TrueHD, DTS, Dolby-AC3, DSD**.
- **Max Bandwidth:** **340MHz**.
- **Max Baud Rate:** **3.4Gbps**.
- **Input Cable Distance:**
 - **1080p resolution:** **≤10m** (AWG26 HDMI standard cable).
 - **4K resolution:** **≤5m** (AWG26 HDMI standard cable).
- **Output Cable Distance:**
 - **1080p resolution:** **≤20m** (AWG26 HDMI standard cable).
 - **4K resolution:** **≤10m** (AWG26 HDMI standard cable).
- **Max Working Current:** **0.4A**.
- **Power Adapter:**
 - **Input:** **AC (50Hz, 60Hz) 100V-240V**.
 - **Output:** **DC 5V/1A**.
- **Operating Temperature Range:** **-15 to +55 C**.
- **Dimensions (L x W x H):** **276 x 136 x 24 mm**.
- **Weight:** **660g**.

Connection and operation

1.Connect the HDMI Source:

Use one HDMI cable to connect the HD source (e.g., DVD player, gaming console, set-top box) to the splitter input.

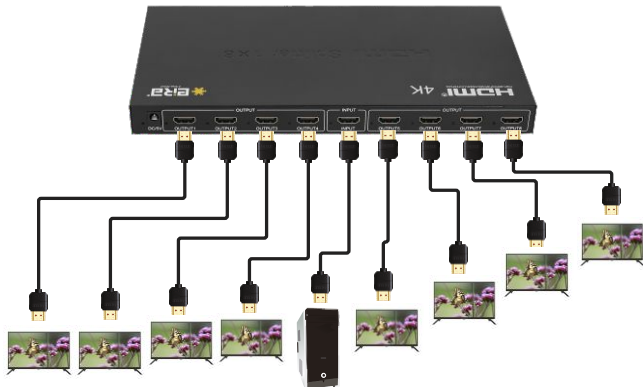
2.Connect the Displays:

Use eight HDMI cables to connect the splitter output to up to 8 display devices (e.g., TVs, monitors, projectors).

3.Power the Splitter:

Connect the 5V/1A power adapter to the splitter to ensure proper operation.

Connection diagrams



Application Industries



Conference Rooms



Electronics Shops



Home Theaters