



KA241 2 PORT HHDMI SPLITTER V2.1 – KAMEHA



Introduction

This product is an 8K HDMI splitter that splits one HDMI input signal to two HDMI output signals. Adopting the latest standard HDMI2.1, the video signal transmission is as high as 8K@60Hz/4K@120Hz. With HDR10+, Dolby Vision high dynamic range image and variable refresh rate (VRR), the screen display is more delicate and smooth, which can be widely used in TV stores, cinemas, outdoor advertising and home entertainment, etc.

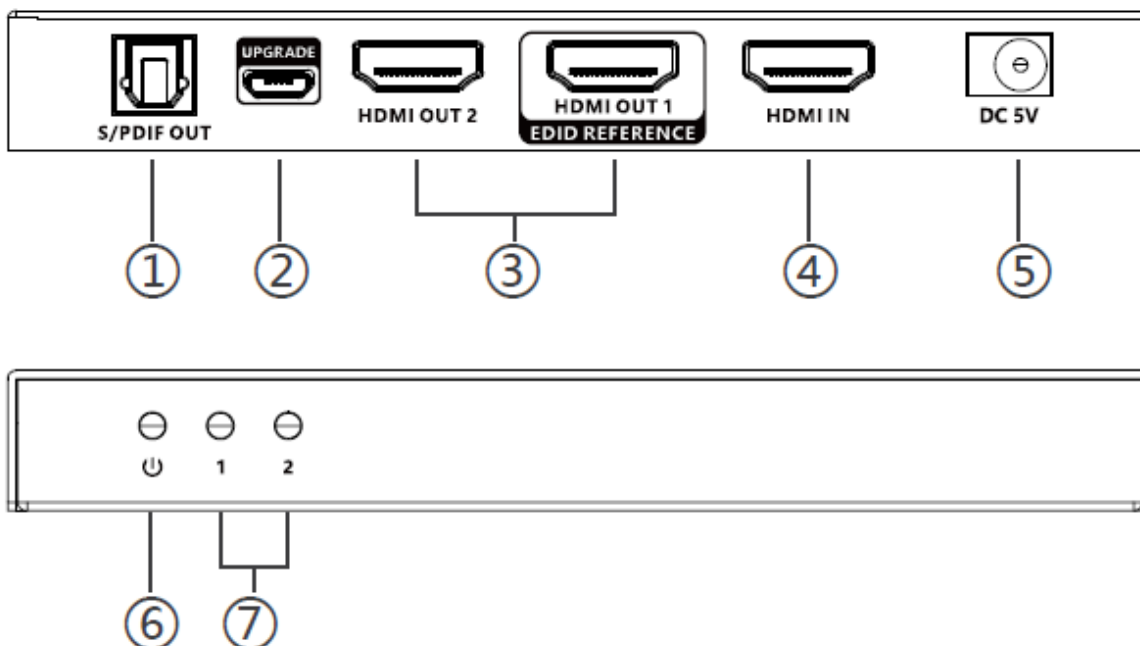
Features

1. Splits one HDMI input signal to two HDMI display device output signals.
2. Support up to 8K@60Hz/4K@120Kz resolution, downwards compatible.
3. Support HDR10+, Dolby Vision high range image.
4. Support variable refresh rate (VRR).
5. Support HDMI 3D.
6. Support EDID pass-through and auto downscaling.
7. Support S/PDIF digital audio separation output.
8. Support firmware upgrading via Micro-USB port.
9. Lightning protection, surge protection, ESD protection.
10. Support 7x24 uninterrupted working, stable and reliable.

Specifications

Items		Description
Video signal	HDMI Input	1x HDMI
	HDMI Output	2x HDMI
	Compatibility	HDMI 2.1, HDMI2.0, HDMI1.4
		HDCP 2.3, HDCP2.2, HDCP1.4
	Resolutions	7680x4320@24/25/30/50/60Hz
		3840x2160@24/25/30/50/60/120Hz
		1080p@24/25/30/50/60/120Hz
		720p@50/60/100/120Hz
	EDID pass-through, auto downscaling	
	HDR10/HDR10+/Dolby Vision	
HDMI 3D		
HDMI CEC		
VRR, Free Sync, G-Sync		
Audio signal	S/PDIF Output	LPCM5.1, DTS 5.1, Dolby 5.1
	HDMI Output	Dolby Atmos, Dolby Digital 7.1CH, Dolby True HD, DTS:X, DTS-HD, LPCM 7.1CH, etc.
Power	Power Supply	DC5V/1A
	Power Consumption	<4W
Operating Environment	Working temperature	-20°C~60°C
	Storage temperature	-30°C~70°C
	Humidity	0~90%RH (No condensation)
Physical Properties	Housing	Iron
	Weight	200g
	Color	Black
	Dimensions	135.0(L)*54.0(W)*16.5(H)mm
Protection	ESD protection 1a Contact discharge level 2 (±4KV) 1b Air discharge level 3 (±8KV) Implementation of the standard: IEC61000-4-2	
	Lightning protection, Surge protection	

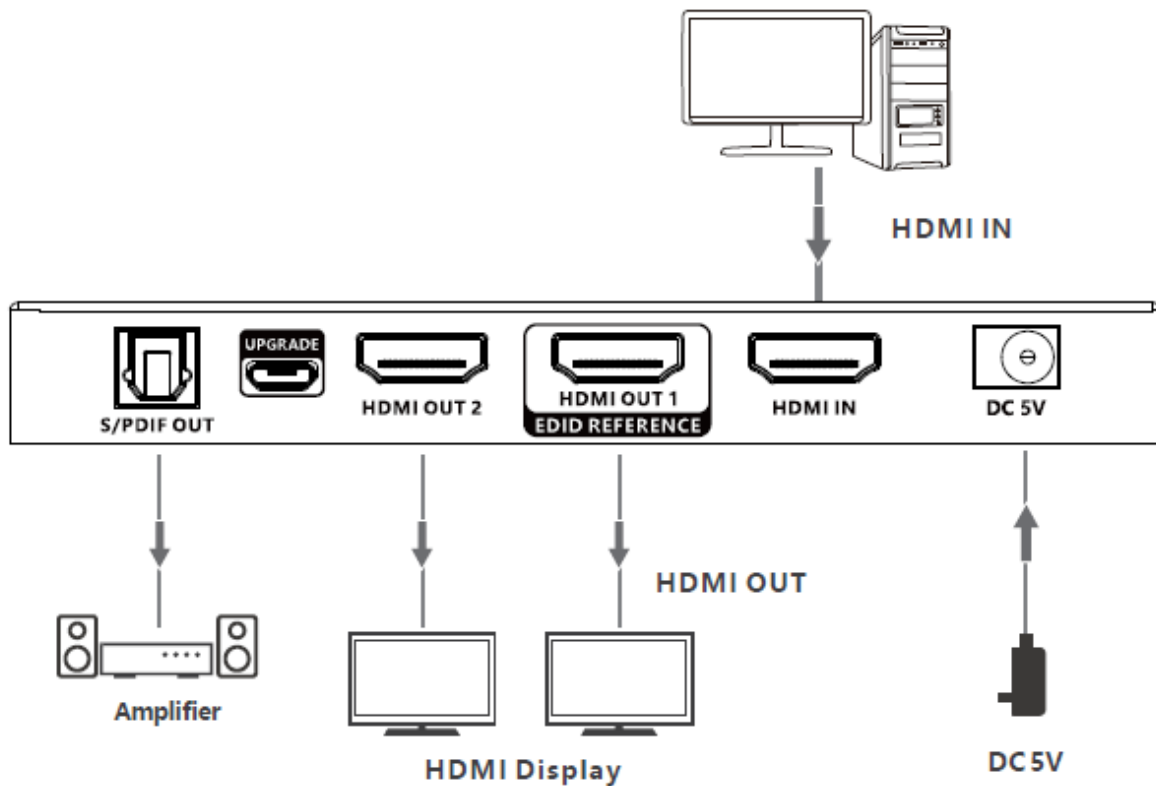
Panel Description



1.	S/PDIF Out	Connect to the audio device with digital optical audio cable
2.	Firmware Upgrading	Connect the computer with Micro USB cable for firmware upgrading
3.	HDMI Out 1/2	Connect with HDMI display devices Note: To ensure that all monitors can show at their maximum resolution, please connect the monitor with highest resolution to HDMI Output 1, which is configured as the port that can output the maximum resolution (via EDID management).
4.	HDMI In	Connect HDMI signal source
5.	DC5V Power Input	Connect with DC 5V/1A power adapter
6.	Power Light	Steady on: The power is on
7.	HDMI Signal Light 1/2	Corresponding to 2 HDMI outputs, the indicator light is steady on when the signal transmission is normal

Installation Procedures

1. Connection Diagrams



2. Connection Instructions

- 1) Connect the splitter HDMI input interface to the device with HDMI signal source output interface via an HDMI cable.
- 2) Connect the splitter HDMI output interface to the display device with HDMI input interface via an HDMI cable.
- 3) If you need to output the audio of the signal source separately, please connect the speaker or power amplifier with S/PDIF audio cable.
- 4) If firmware upgrading is required, please connect the computer with a Micro USB cable.
- 5) Connect the power supply, the power indicator is on, and the product starts to work.