



User Manual

1x2 HDMI 2.0 Splitter Scaler

4K@60 4:4:4 8bit HDR, Scaler Output

EZ-SP12H2

Make Installation Easy

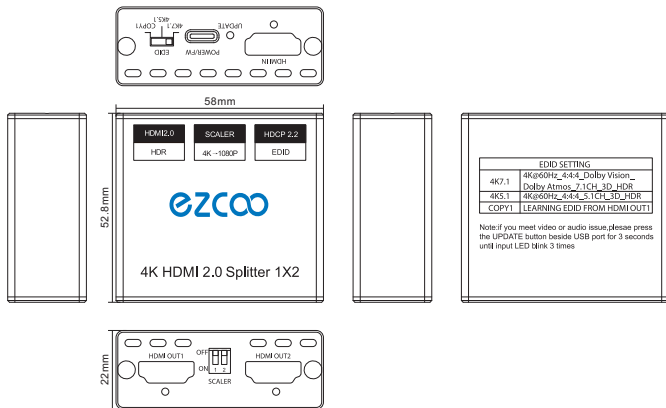
OVERVIEW

EZ-SP12H2 is a Mini 1x2 splitter for HDMI with Ultra HD 4K support. This splitter reliably distributes one HDMI source signal to two HDMI outputs. Especially when you have one 4K TV and one 1080P TV, both HDMI outputs can down scaler to 1080P if you have 4K source. It supports HDMI 2.0 specification features including data rates up to 4K@60Hz 4:4:4 8bit, HDR and HDCP2.2, Deep Color, 3D, Lip Sync, and HD lossless Audio/Video formats. It is ideal choice for applications which require the distribution of an HDMI source signal to multiple outputs.

FEATURES

- Distributes one HDMI source signal to two HDMI displays. It supports 4K and 1080P output simultaneously.
- Support HDMI2.0 4K@60Hz 4:4:4 8bit HDR and HDCP 2.2.
- Support both HDMI outputs down scaler to 1080p.
- Support EDID management, 4K/ 1080P/ learning from OUTPUT 1.
- Support 3D, Support deep color 30bit,36bit.
- Support Blue-Ray 24/50/60fs/HD-DVD|xyYCC.
- Dolby Digital Audio format, HDMI ports support Dolby Digital 7.1CH Audio.

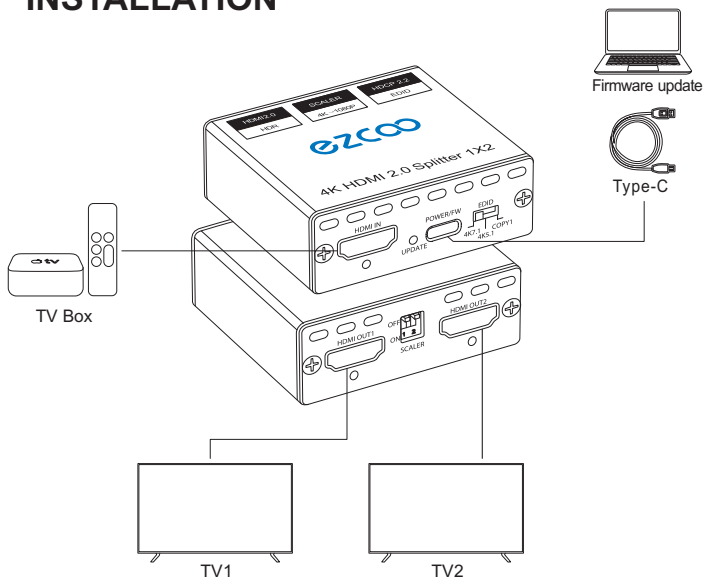
PRODUCT DIAGRAM



Package Accessories:


- ① HDMI Splitter x1
- ② Type-C cable x1
- ③ User Manual x1
- ④ Pin key for the pinhole x1




INSTALLATION




1. Connect one cable from HDMI source devices to HDMI Splitter input.
2. Connect one cable from each display (monitor or projector) to the HDMI Splitter outputs.
3. Power on HDMI Splitter by Type-C cable. We can connect to any active device with a USB port. Such as Blu-Ray player, or phone charging adaptor.

INSTRUCTION

 <p>SCALER</p>	Position 1 for OUT 1, OFF: pass through, ON: Down Scaler from 4K to 1080P.
	Position 2 for OUT 2, OFF: pass through, ON: Down Scaler from 4K to 1080P
	DO NOT down-scaler Refresh rate and Dolby Vision
	Pls TURN OFF Scaler when play 4K HDR Dolby Vision

	4K7.1	4K@60Hz_4:4:4_Dolby Vision_Dolby Atmos_7.1CH_3D_HDR
	4K5.1	4K@60Hz_4:4:4_5.1CH_3D_HDR
	COPY1	LEARNING EDID FROM HDMI OUT1

 <p>POWER/FW</p>	POWER	This splitter power by Type-C (cable included without adaptor) We can connect to USB port of Blu-Rayplayer, or use a phone charging adaptor. Range: 5V/1A----5V/3A
	FW	For firmware update and advanced settings, more details please visit SP12H2 in our website. https://www.easycoolav.com

SPECIFICATIONS

HDMI version	HDMI 2.0	HDMI version	HDCP 2.2
HDMI resolution	4K*2K/1080p/1080i/720p/576p/576i/480p/480i	Video format	24bit/30bit,36bit
Audio format	Dolby true HD/DTS-HD/LPCM7.1/Dolby AC3/DSD		
Input/Output TMDs signal	0.5~1.5Volts p-p(TTL)	Max bandwidth	600MHz
Input/Output DDC signal	5Volts p-p (TTL)	Max working current	200mA
Power adapter format	Input AC 100V-240V/50HZ,60HZ; Output: USB 5V/0.5A	Max baud rate	6Gbps
Operating Temperature range	(-15 to +55°C)	Operating Humidity range	5 to 90%RH (No Condensation)
Dimension (LxWxH)	58*52.8*22 (mm)	Weight	180g

USING TIPS

- Re-powering and unplugging the HDMI cable is a common troubleshooting method.
- Hold 5 seconds till input LED blink 3 times as RESET, to solve picture flash/black issue.
- Please use qualified or brand-new HDMI 2.0 standard cable less than 3 meter.
- Only support down-scale 4K to 1080p. Does not support another resolution.
- Does not support 4K 60hz & 1080p 120hz work in sync.
- Does not support ARC, eARC , CEC, VRR, 4K 120Hz; Not for Sonos ARC.
- Does not EXTEND screen, only Copy/ Mirror.

NOTES

Please use this machine based on below instructions to keep longer lifetime.

1. The machine should be placed at the spot far away from the Damp, High-Temperature, Dusty, Erosive, and Oxidant environment.
2. All parts will be free from the strong shake, hit, fall.
3. Touching the device with the wet hands is prohibited.
4. Please turn power off when machine is not used for long time.
5. Please do not open the cover and do not touch the inside parts.
6. Please use the original factory power adaptor.
7. Before power on, please check the connection cable carefully. And make sure that all interfaces are normally connected.

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