

AVA-EXHD14/8K

1x4 HDMI V2.1 8K Splitter with Audio Out



AVA-EXHD14/8K HDMI V2.1 1x4 Splitter, which can distribute one HDMI input to two outputs. The splitter supports HDMI video resolution up to 8K@60Hz 4:4:4 and DTS/Dolby audio formats. Besides passing EDID information from the display, there are multiple built-in EDID settings can be selected by the 4-pin DIP switch.

Moreover, the splitter supports convenient firmware upgrade through type-C port.

Features

- Supports HDMI V2.1 and the video resolution up to 8K@60Hz 4:4:4.
- HDMI input supports HDCP 2.3 and the outputs support HDCP Active or HDCP Passive mode.
- Supports video resolution down-scaling, the 8K/4K input can be automatically degraded to 4K/1080p output for compatibility with 1080p display.
- 48Gbps high bandwidth.
- Advanced EDID management: multiple built-in EDID and user defined settings can be selected.
- Supports ALLM, VRR and audio de-embedding
- Supports CEC pass-through.
- Provides LEDs to indicate the current operating status.
- Firmware upgrade by USB-C port.

Technical specification

Video

Input	1 x HDMI
Input Connector	1 x Type-A female HDMI
HDMI Input Resolution	Up to 8K@60Hz 4:4:4 8bit
HDMI Standard	2.1
HDCP Version	2.3, 2.2, 1.4 compliant
CEC	Supported

Output	(4) HDMI
Output Connector	(4) Type-A female HDMI
HDMI Output Resolution	Up to 8K@60Hz 4:4:4 8bit
HDMI Standard	2.1
HDCP Version	2.3, 2.2, 1.4 compliant
CEC	Supported

General

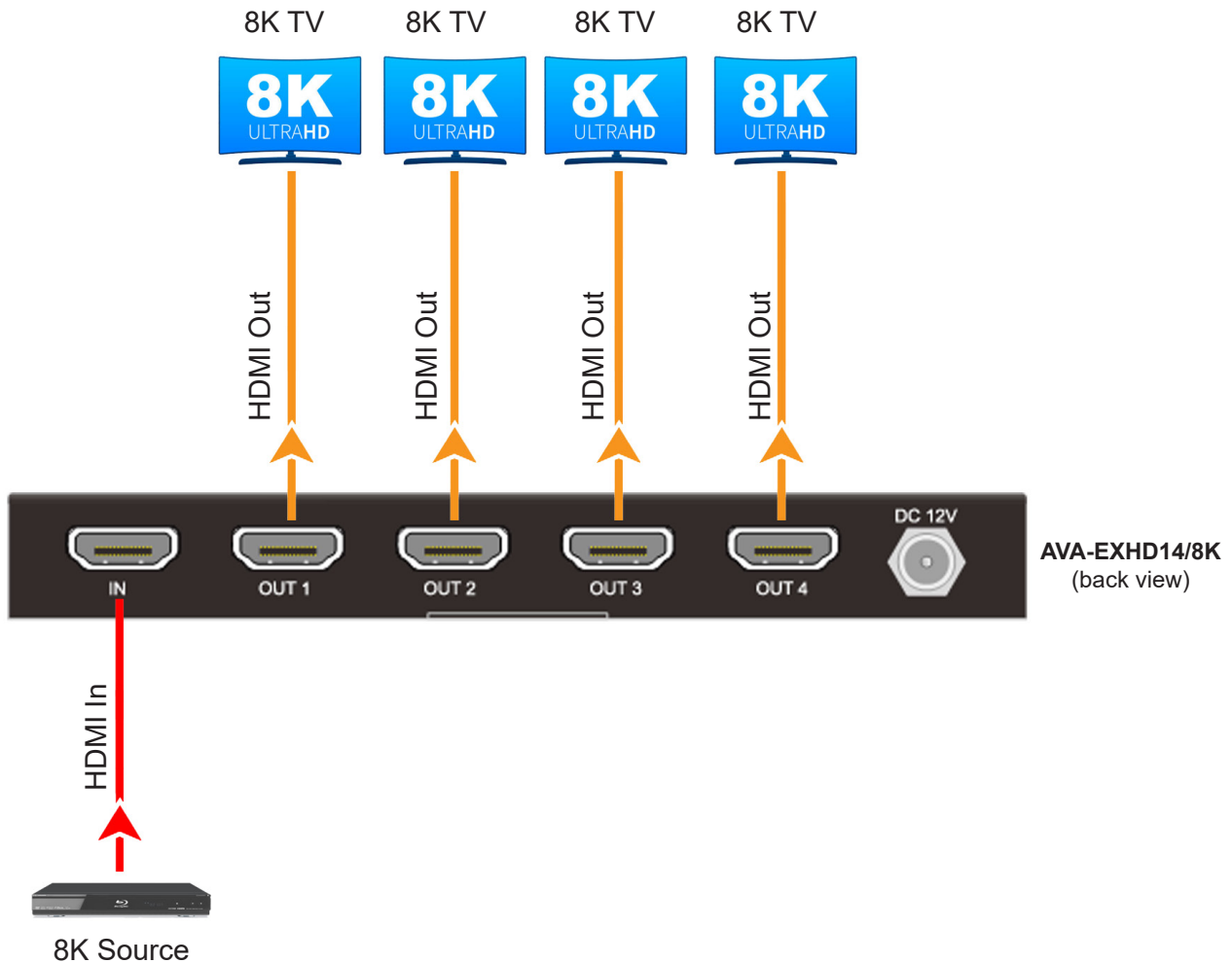
Control Part	1 x EDID 4-pin DIP switch, (1) USB-C port
Bandwidth	48Gbps
HDMI V2.1 Cable Length	8K@60Hz 4:4:4 ≤ 3m, 4K@60Hz 4:4:4 ≤ 5m, 4K@60Hz 4:2:0 ≤ 10m, 1080p ≤ 15m
Operation Temperature	-5 to +55°C (+23° to +131°F)
Storage Temperature	-25 to +70°C (-13° to +158°F)
Relative Humidity	10% to 90%, Non-condensing
Power Supply	12V DC 1A
Power Consumption	5W (Max)
Dimension (W*D*H):	142.0mm x 70.4mm x 17.6mm
Net weight:	225g

Note: Please adopt high-qualified HDMI cable fully compliant with HDMI V2.1 for reliable transmission and connection.

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Diagram



Note: When connecting, there may be over-edge problems. At this time, you need to set over-scanning in the graphics card settings.