

AVG-PSP12-102-4K

1 x 2 4K HDMI Splitter with Scaler



The AVönic SPLITTER is a 1 x 2 HDMI splitter with scaler, reliably distributes one HDMI input signal to two outputs at resolutions up to 4K@60Hz 4:4:4 chroma subsampling. It follows HDCP 2.2 and HDMI 2.0b specifications, including supported data rates up to 18 Gbps, HDR (high dynamic range), 3D and HD lossless audio formats. With the built-in scaler, when connected to different displays, the corresponding HDMI output is capable of scaling down automatically (down to 1080P) to feed an optimal output signal to its attached display.

Features

- AVon-Link technology simplifies audio & video routing and enhances system flexibility and ease of use.
- Distributes one HDMI input signal to two HDMI displays
- Supports HDMI 2.0b Specifications, including:
 - Data rates up to 18.0 Gbps
 - HDR and 3D
 - HD lossless audio formats
 - HDCP 2.2 compliant
- Each HDMI output supports scaling down to 1080P individually (fps will not change during scaling down from 4K to 1080P)
- Automatic input cable equalization for signal regeneration compensation

Specifications

Video	
Input/Output Signal Type	HDMI with 4K@60Hz 4:4:4, HDCP 2.2, HDR, 3D, Scaler
Input/Output Resolution Supported	Up to 4096x2160@60Hz, including 4K@30Hz/60Hz, 1080P/720P
Deep Color	4K: 8/10/12bit 1080P: Up to 8bit
Maximum Data Rate	18 Gbps
Maximum Pixel Clock	600MHz

Audio	
Audio Format Supported	Fully supports audio formats in HDMI 2.0 specification, including PCM, Dolby TrueHD, Dolby Atmos, DTS-HD Master Audio, DTS:X
General	
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Humidity	10% to 90%, non-condensing
ESD Protection	Human-body Model: ±8kV (Air-gap discharge)/ ±4kV (Contact discharge)
Power Supply	DC 5V 1A
Power Consumption (Maximum)	1.8W
Device Dimension (W x H x D)	100mm x 20mm x 65.2mm/ 4" x 0.8" x 2.6"
Product Weight	0.18kg/0.4lb

Transmission Distance

Note: Straight-through category cable wired to T568B standard is recommended.


Cable Type	Range	Supported Video
HDMI	Input/Output:15m/50ft	1080P@60Hz
	Input: 10m/33ft Output: 15m/50ft	4K@30Hz
	Input/Output: 5m/16ft	4K@60Hz



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