

# 8-Port True 4K HDMI Splitter

## VS0108HB

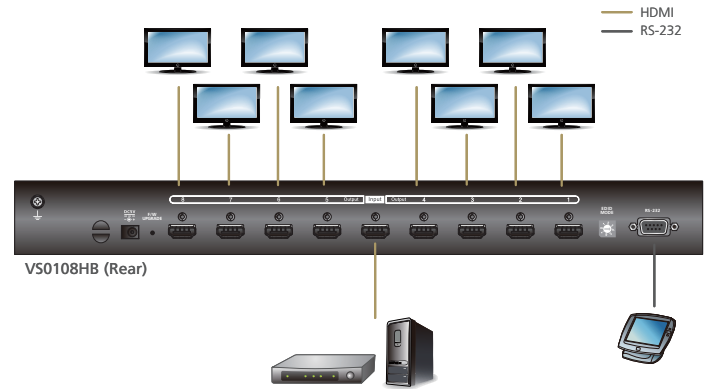
- The ATEN VS0108HB is designed for applications that require the routing of one HDMI source to 8 compatible display devices. It supports Dolby True HD and DTS HD Master Audio, video signals up to True 4K, data rates up to 18 Gbps, 3D, and HD lossless audio formats. Featuring ATEN EDID technology, the VS0108HB guarantees continuous EDID communication with connected devices and ensures that the HDMI sources power-up properly and maintain correct video outputs.

Engineered to meet today's demand of True 4K signal transmission and user-oriented design, ATEN VS0108HB is a powerful solution for a wide range of settings, such as home theater, commercial settings, educational centers, meeting rooms, or wherever needed to meet application requirements.



### Features

- Allows one HDMI source to be connected to up to 8 HDMI displays
- HDMI 2.0 (3D, Deep color, 4K); HDCP 2.2 compliant
- Superior video quality – up to True 4K resolutions (4096 x 2160 @ 60Hz 4:4:4)
- Long distance transmission from source to output - up to 6 m
- Built-in bi-directional RS-232 serial control port for high-end system control
- Supports Dolby True HD and DTS HD Master Audio
- Clear LED indication of device status
- EDID Expert™** – Selects optimum EDID settings for smooth power-up, high quality display and use of the best resolution across different screens
- Plug-and-play
- Rack-mountable (1U design)



### Specifications

Function	VS0108HB
<b>Video Input</b>	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	3M Source to VS0108HB at 4K@60Hz (4:4:4)
<b>Video Output</b>	
Interfaces	8 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	3M VS0108HB to Display at 4K @ 60Hz (4:4:4)
<b>Video</b>	
Max. Data Rate	18 Gbps (6 Gbps Per Lane)
Max. Pixel Clock	600 MHz
Compliance	HDMI 2.0 (3D, Deep Color, 4K); HDCP 2.2
Max. Resolution	Up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:4:4)
<b>Control</b>	
RS-232	Connector: DB-9 Female (Black) x 1; Baud Rate: 19200.; Data Bits: 8, Stop Bits: 1, Parity: No, Flow Control: No
<b>EDID Settings</b>	EDID Slide Switch x 1 EDID Mode: Port 1 / Default / Auto / Switch
<b>Connectors</b>	
Power	1 x DC Jack
<b>LEDs</b>	
Video Input	1 x LED (Green)
Video Output	8 X LED (Green)
Power	1 x LED (Green)
<b>Power Consumption</b>	5VDC, 20W
<b>Environmental</b>	
Operating Temperature	0° to 40° C
Storage Temperature	-20° to 60° C
Humidity	0 - 80% RH, Non-Condensing
<b>Physical Properties</b>	
Housing	Metal
Weight	2.18 kg
Dimensions (L x W x H)	43.72 x 15.78 x 4.40 cm

Product information is subject to change without prior notice.

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