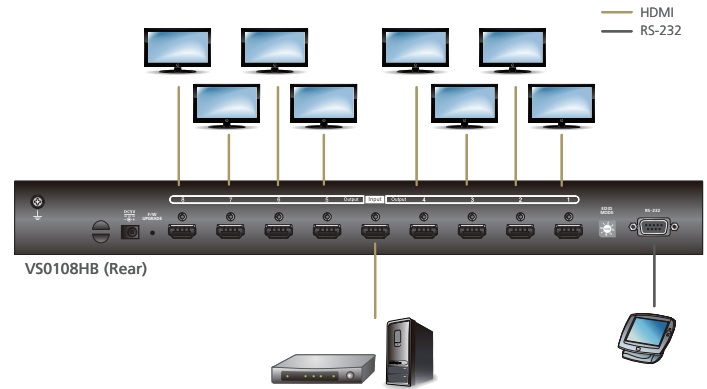# 8-Port True 4K HDMI Splitter
VS0108HB

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.

VS0108HB (Rear)

Specifications

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

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)
- Supports HDR
- 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)

Product information is subject to change without prior notice.