

VS0108HB

8-Port True 4K HDMI Splitter



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)
- Supports [HDR10+](#)
- 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

LEDs	
Input	1 x LED (Green)
Video Output	8 X LED (Green)
Power	1 x LED (Green)
Video Input	

Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	5M at 4K@60Hz (4:4:4)
Video Output	
Interfaces	8 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	5M 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
Power Consumption	DC5V:11.95W:56BTU/h Note: <ul style="list-style-type: none"> ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.
Environmental	
Operating Temperature	0-40 °C
Storage Temperature	-20 - 60 °C
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Metal
Weight	2.18 kg (4.8 lb)
Dimensions (L x W x H)	43.72 x 15.78 x 4.40 cm (17.21 x 6.21 x 1.73 in.)

Carton Lot	3 pcs
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram



ATEN International Co., Ltd.

3F, No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan
 Phone: 886-2-8692-6789 Fax: 886-2-8692-6767
 www.aten.com E-mail: marketing@aten.com



© Copyright 2015 ATEN® International Co., Ltd.
 ATEN and the ATEN logo are trademarks of ATEN International Co., Ltd.
 All rights reserved. All other trademarks are the property of their respective owners.