

8-Port True 4K HDMI Switch

VS0801HB

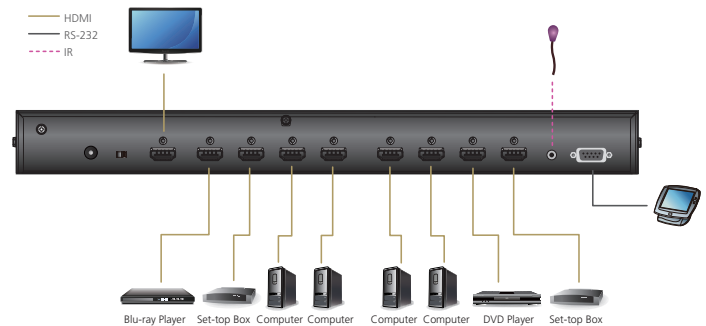
- The ATEN VS0801HB is designed for applications that require the routing of 8 sources to one compatible display device. It supports video resolutions up to True 4K (4096 x 2160 @ 60Hz 4:4:4), data rates up to 18 Gbps, 3D, Deep Color up to 12-bit, and HD lossless audio formats. It features ATEN EDID technology, guaranteeing continuous EDID communication with connected devices and ensures that the HDMI sources power-up properly and maintain correct video output. Multiple convenient control options include front panel pushbuttons, bi-directional RS-232, IR, and auto switch, allowing for easy integration.

Engineered to meet today's demand of True 4K signal transmission and user-oriented design, the ATEN VS0801HB is a powerful solution for a wide range of settings, such as home theater, meeting rooms, trade shows, and shopping centers.



Features

- Allows up to 8 HDMI sources to be connected to one HDMI display
- HDMI 2.0 (3D, Deep Color, 4K); HDCP 2.2 compliant
- Superior video quality - True 4K resolutions of 4K x 2K @ 60 Hz (4:4:4) and standard 1080p (1920 x 1080 @ 60 Hz)
- Built-in bi-directional RS-232 serial port for high-end system control
- EDID Expert™ – Selects optimum EDID settings for smooth power-up, high-quality display and use of the best video resolution across different screens
- Supports Auto Switch – the VS0801HB automatically switches to a newly plugged-in source
- Supports IR extension
- Clear LED indication of device status
- Plug-and-play
- Rack Mountable



Specifications

Function	VS0801HB
Video Input	
Interfaces	8 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	3M
Video Output	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 Ω
Video	
Max. Data Rate	18 Gbps (6 Gbps Per Lane)
Max. Pixel Clock	600 MHz
Compliance	HDMI 2.0 (3D, Deep Color); HDCP 2.2 Consumer Electronics Control (CEC)
Max. Resolution	Up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:4:4)
Max. Distance	3M
Audio	
Input	8 x HDMI Type A Female (Black)
Output	1 x HDMI Type A Female (Black)
Control	
RS-232	Connector: 1 x DB-9 Female (Black) Baud Rate and Protocol: Baud Rate: 19200, Data Bits: 8, Stop Bits: 1, Parity: No, Flow Control: No
Connectors	
Power	1 x DC Jack
Power Consumption	5 VDC, 14.84W
Environmental	
Operating Temperature	0° to 40° C
Storage Temperature	-20° to 60° C
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Metal
Weight	2.14 kg
Dimensions (L x W x H)	43.72 x 15.83 x 4.40 cm

Product information is subject to change without prior notice.

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

Publish Date: 01/2018 V1.0



© Copyright 2018 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.