

8-Port True 4K HDMI Switch

VS0801HB

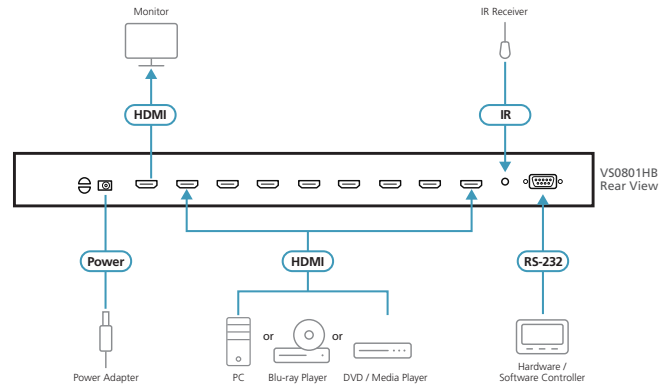
The ATEN VS0801HB is designed for applications that require the routing of 8 sources to one compatible display device. It supports video resolutions up to True 4K (4096 x 2160 @ 60 Hz, 4:4:4), data rates up to 18 Gbps, 3D, Deep Color up to 12-bit, and HD lossless audio formats. The VS0801HB features Auto Switching modes for auto port selection. 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 (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)
- Supports HDR10+
- Built-in bi-directional RS-232 serial port for high-end system control
- Auto switching modes for auto port selection
- Supports IR extension
- Clear LED indication of device status
- Plug-and-play
- Rack mountable



Specifications

VS0801HB	
Video Input	
Interfaces	8 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	5 m
Video Output	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	5 m
Video	
Max. Data Rate	18 Gbps (6 Gbps Per Lane)
Max. Pixel Clock	600 MHz
Compliance	HDMI (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	5 m
Control	
RS-232	Connector: 1 x DB-9 Female (Black) Baud Rate: 19200, Data Bits: 8, Stop Bits: 1, Parity: No, Flow Control: No
IR	1 x Mini Stereo Jack Female (Black)
Connectors	
Power	1 x DC Jack (with locking)
Switches	
DIP	1 x Auto Switch ON / OFF
Power Consumption	DC5V: 0.94W
Environmental	
Operating Temperature	0 – 40° C
Storage Temperature	-20 – 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

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