

VS481A

4-Port HDMI Switch



The VS481A 4 Port HDMI Switch allows you to quickly and easily share your HDMI display device with 4 HDMI input sources. The VS481A allows convenient switching between digital devices such as DVD players, Satellite receivers, Digital Camcorder. The VS481A allows you to select the desired input source via a remote control unit and pushbuttons located on the switch.



Features

- Allows up to four HDMI A/V source to be connected to one HDMI display
- Toggle between A/V sources using remote control or front panel pushbuttons
- Superior video quality - HDTV resolutions of 480p, 720p, 1080i, 1080p (1920x1080); VGA, SVGA, SXGA, UXGA (1600x1200) and WUXGA(1920x1200)
- HDMI (3D, Deep Color)
- Supports Dolby True HD and DTS HD Master Audio
- Up to 60 Hz refresh rate
- Long distance transmission - up to 15m (24 AWG)
- Built-in bi-directional RS-232 serial remote port for high-end system control
- Power On Detection – if one of the HDMI source devices is powered off, the VS481A will automatically switch to the next powered on device
- Plug-and-play - no software installation required
- DDC Compatible
- HDCP 1.4 compliant
- Signaling rates up to 2.25 Gbps in support of 1080p display
- All-metal casing
- LED indication of video source devices
- Easy and affordable way to add four HDMI inputs to your home theater system

* Note: The VS481A AP and GUI operation instructions can be downloaded from the ATEN website (www.aten.com)

Specification

Video Input	
Interfaces	4 x HDMI Type A Female (Black)
Impedance	100 Ω

Max. Distance	3m @1920x1080@60 (4:4:4)
Video Output	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	15m @1920x1080@60 (4:4:4)
Video	
Max. Data Rate	6.75 Gbps (2.25 Gbps Per Lane)
Max. Pixel Clock	225 MHz
Compliance	HDMI (3D, Deep Color) HDCP Compatible Consumer Electronics Control (CEC)
Max. Resolution	Up to 1080p
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	DC5.3V:1.87W:9BTU/h Note: ● 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 - 50°C
Storage Temperature	-20 - 60°C
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Metal
Weight	0.47 kg (1.04 lb)
Dimensions (L x W x H)	20.00 x 8.27 x 2.50 cm (7.87 x 3.26 x 0.98 in.)
Carton Lot	10 pcs
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram



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