

VS482B

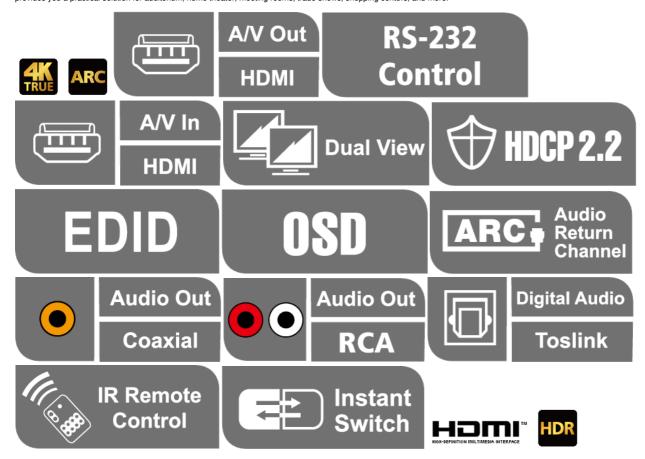
4-Port True 4K HDMI Switch with Dual Output





The ATEN VS482B Switch is an ideal solution for application requiring superior video resolution of True 4K when connecting 4 HDMI A/V sources to 2 HDMI displays. Complying with HDMI standards, the switch's Audio Return Channel (ARC) function allows users to send audio without having to attach a separate audio cable.

Furthermore, the VS482B offers switching methods between HDMI sources by front panel pushbuttons, IR remote control and RS-232 commands, enabling users to effortlessly select desired input. Equipped with EDID ExpertTM, the VS482B benefits users with optimum EDID settings for smooth power-up and highest-quality display across different screens. Featuring above functionalities provides you a practical solution for auditorium, home theater, meeting rooms, trade shows, shopping centers, and more.





Features

- Allows up to 4 HDMI A/V sources to be connected to 2 HDMI displays

 Superior video quality up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:4:4); HDR supported

 HDMI (3D, Audio Return Channel, Deep Color); HDCP 2.2 compliant

 Supports Auto Switch the VS482B automatically switches to a newly plugged-in source

 Audio Return Channel (ARC) function connects an HDMI cable to the ARC port to send audio from your source device to your audio/video receiver

- OSD for system configuration settings and information display
 Switching between HDMI input sources via front panel pushbuttons, IR remote control and RS-232 commands
 EDID Expert™ selects optimum EDID settings for smooth power-up, high-quality display, and use of the best resolution across different screens
 Built-in bi-directional RS-232 serial control port for high-end system control
 HDMI audio can be extracted to stereo audio and digital audio (optical/coaxial) outputs

- Supports 5.1 channel audio output
- Supports Consumer Electronic Control (CEC)
 Rack mountable

Specification

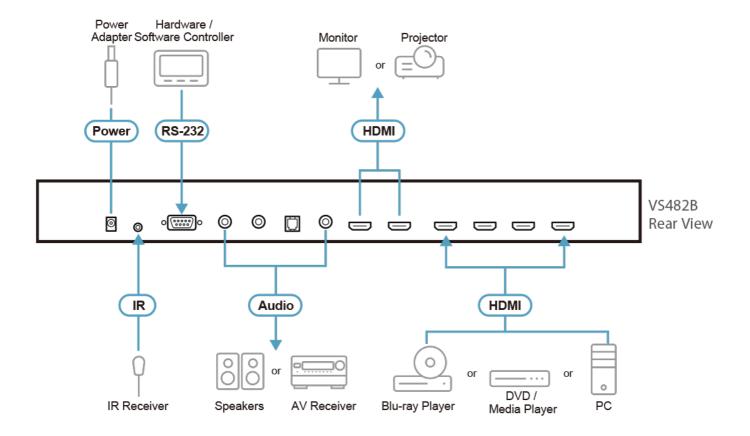
LEDs		
Input	LED (Green) x 4 (HDMI-In)	
Audio	LED (Green) x 1 (ARC ON/OFF)	
Power	LED (Green/Orange) x 1 (Power ON/OFF)	
Switches		
Video Input Port Selection	Push button x 4 (HDMI-In)	
Mode Selection	Push button x 1 (ARC ON/OFF)	
Power	Push button x 1 (Power ON/OFF)	
Video Input		
Interfaces	4 x HDMI Type A Female (Black)	
Impedance	100 Ω	
Max. Distance	5m (4096x2160@60Hz, 4:4:4)	
Video Output		
Interfaces	2 x HDMI Type A Female (Black)	
Impedance	100 Ω	
Max. Distance	5m (4096x2160@60Hz, 4:4:4)	
Video		
Max. Data Rate	18 Gbps (6 Gbps Per Lane)	
Max. Pixel Clock	600 MHz	
Compliance	HDMI (3D, Audio Return Channel, Deep Color) HDCP 2.2 Consumer Electronics Control (CEC)	
Max. Resolution	4096 x 2160 / 3840 x 2160 @ 60Hz (4:4:4)	
Max. Distance	Up to 5m (input / output)	
Audio		
Input	4 x HDMI Type A Female (Black)	
Output	Analog: 2 x RCA (Red / White) Digital: 2 x HDMI Type A Female (Black); 1 x Toslink (Black); 1 x RCA (Orange)	
Control		
RS-232	Function: Port switching & FW upgrade 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) 1 x IR Receiver	



EDID Settings	EDID Mode: Default (4K@60Hz) / Port-1 / Remix
Connectors	
Power	1 x DC Jack
Power Consumption	DC5V:3.29W:15BTU/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 - 40°C
Storage Temperature	-20 - 60°C
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Metal
Weight	2.16 kg (4.76 lb)
Dimensions (L x W x H)	43.72 x 15.88 x 4.40 cm (17.21 x 6.25 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.

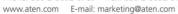


Diagram



Note: Connects up to 2 display devices to the HDMI output ports, and up to 4 video source devices to the HDMI input ports.

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