

4-Port True 4K HDMI Switch with Dual Output

VS482B

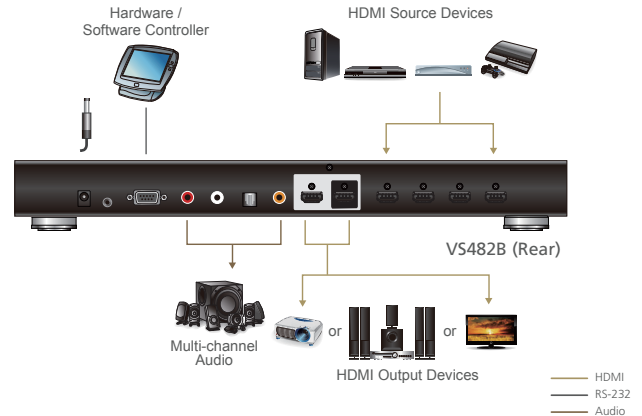
- The ATEN VS482B Switch is an ideal solution for application requiring superior video resolution of True 4K when connecting 4 HDMI A/V sources to 2 HDMI displays. Complying with HDMI 2.0 standards, the switch's Audio Return Channel (ARC) function allows users to send audio without having to attach a 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 Expert™, 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 2.0 (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



Specifications

Function	VS482B
Video Input	
Interfaces	4 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	3m (4096 x 2160 @ 60Hz, 4:4:4)
Video Output	
Interfaces	2 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	3m (4096 x 2160 @ 60Hz, 4:4:4)
Video	
Max. Data Rate	18 Gbps (6 Gbps Per Lane)
Max. Pixel Clock	600 MHz
Compliance	HDMI 2.0 (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 3m (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)
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)
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	DC 5V: 3.29W: 15BTU
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
Dimensions (L x W x H)	43.72 x 15.88 x 4.40 cm

Product information is subject to change without prior notice.

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