

VS482B

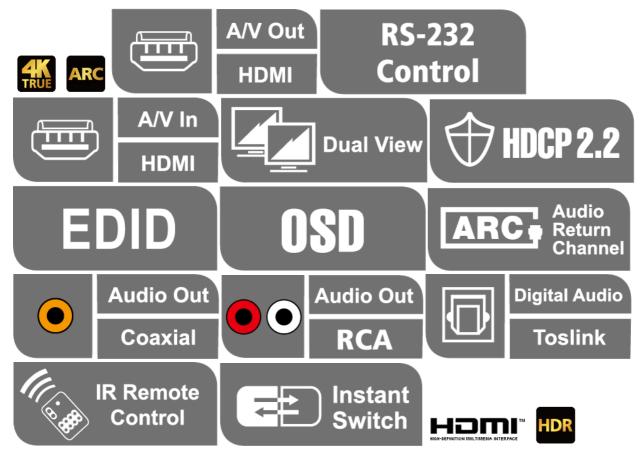
4-Port True 4K HDMI Switch with Dual Output





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

Specification

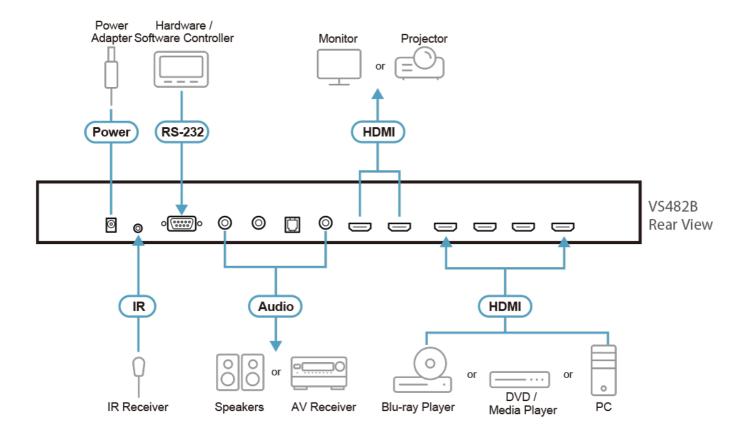
LEDs	
Input	LED (Green) x 4 (HDMI-In)
Audio	LED (Green) x 1 (ARC ON/OFF)
Power	LED (Green/Orange) x 1 (Power ON/OFF)
Switches	·
Video Input Port Selection	Push button x 4 (HDMI-In)
Mode Selection	Push button x 1 (ARC ON/OFF)
Power	Push button x 1 (Power ON/OFF)
Video Input	
Interfaces	4 x HDMI Type A 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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