

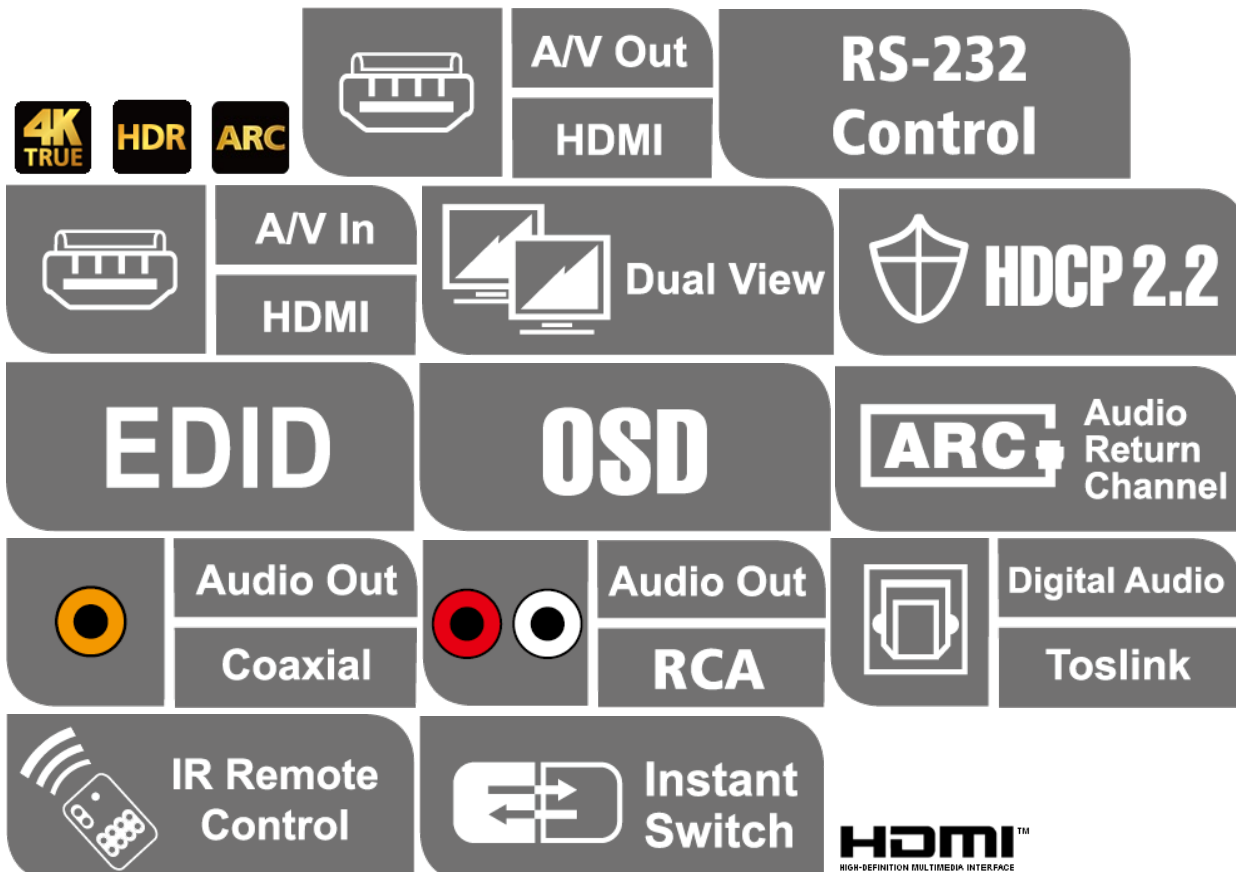
VS482B

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

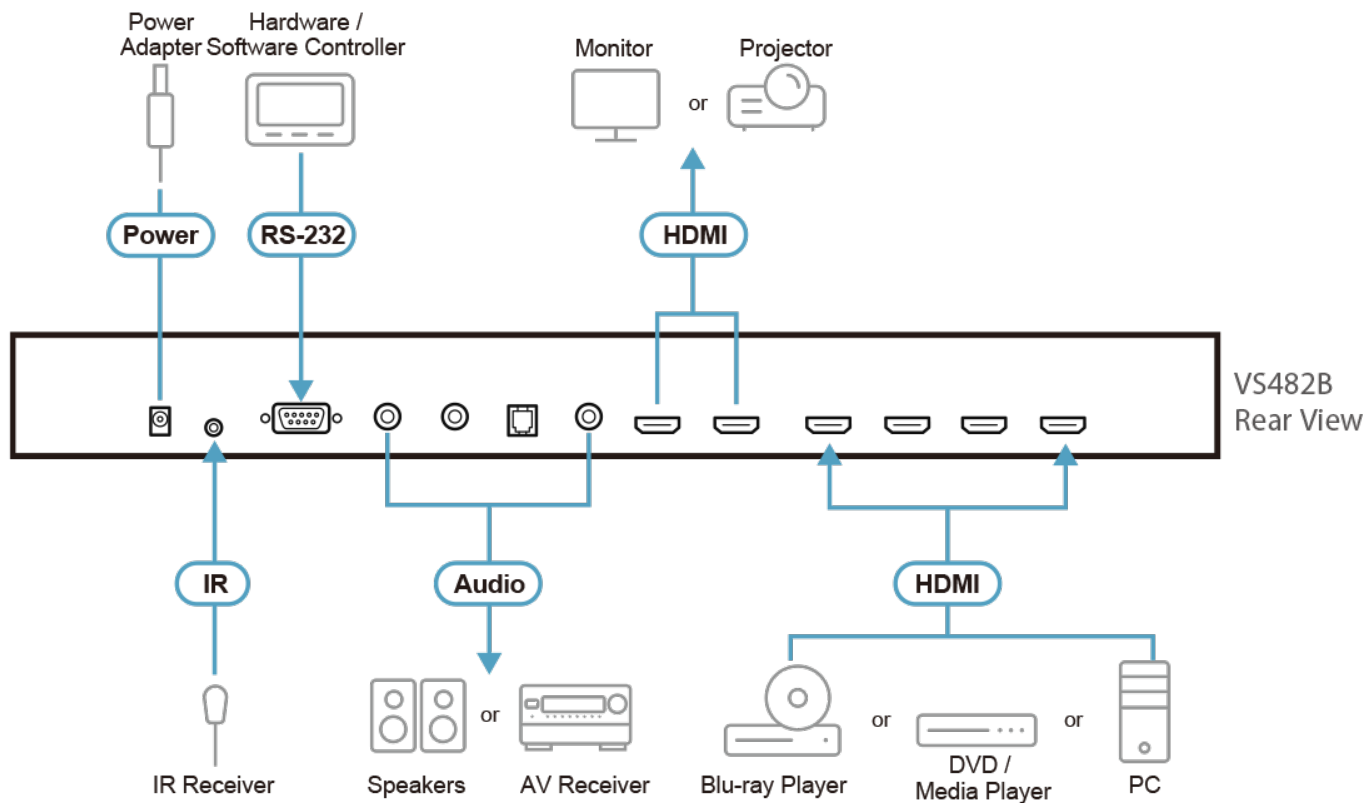
- Allows up to 4 HDMI A/V sources to be connected to 2 HDMI displays
- Superior video quality – up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:4:4); HDR supported
- HDMI (3D, Audio Return Channel, Deep Color); HDCP 2.2 compliant
- Supports Auto Switch – the VS482B automatically switches to a newly plugged-in 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
- 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

| | |
|----------------------------|---|
| 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: <ul style="list-style-type: none"> ● 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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