

VS481B

4-Port 4K HDMI Switch



The VS481B 4-Port HDMI Switch allows you to quickly connect 4 HDMI sources to your HDMI display and easily switch between them via front panel pushbuttons, RS-232 or IR remote control. The front panel's LEDs indicate the source device selected for the display at a glance.

The VS481B supports Ultra HD 4Kx2K, the newest resolution for high definition displays; Auto Switching modes for auto port selection; Instant Switching for a smooth video transition between HDMI ports with increased efficiency; and features a built-in bi-directional RS-232 serial port that allows the switch to be controlled through a high-end controller, PC, and/or home automation/home theater software package.



Features

- Allows up to four HDMI A/V sources to be connected to one HDMI display
- Quick and easy switching between HDMI sources via front panel pushbuttons, RS-232 or IR Remote control
- Supports 300MHz bandwidth for ultrahigh 4kx2k video
- HDMI (3D, Deep Color, 4kx2k); HDCP compatible
- Auto switching modes for auto port selection
- Long distance transmission – up to 50 ft. (15 m) (24 AWG)
- Consumer Electronics Control (CEC) support
- Supports Dolby True HD and DTS HD Master Audio
- Built-in bi-directional RS-232 serial remote port for high-end system control
- Instant switching between HDMI input sources
- Supports IR extension using a IR extension cable *
- LED indication of video source devices

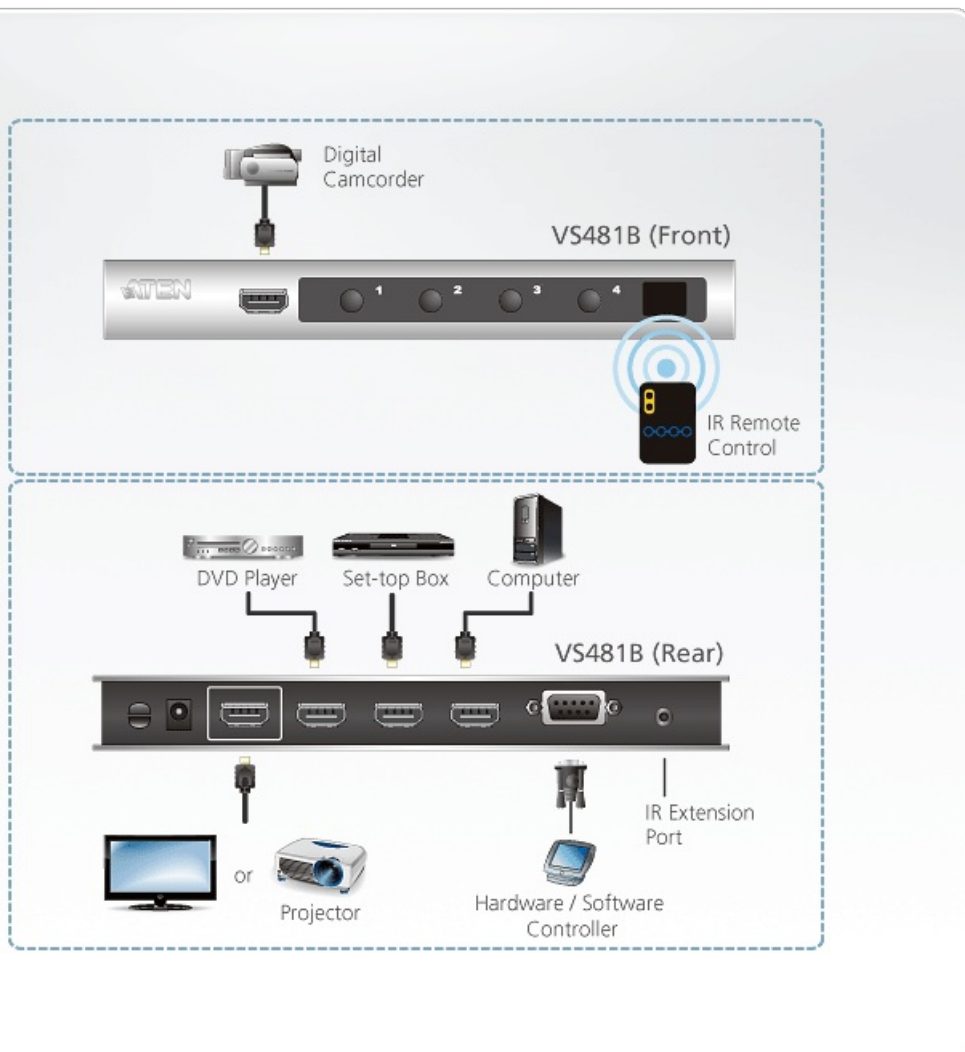
Note: The IR extension cable (Part No. [2XRT-0003G](#)) is not included in this package.

Specification

| | |
|---------------|--------------------------------|
| Video Input | |
| Interfaces | 4 x HDMI Type A Female (Black) |
| Impedance | 100 Ω |
| Max. Distance | 3m @3840x2160@30 (4:4:4) |

| | |
|------------------------|--|
| Video Output | |
| Interfaces | 1 x HDMI Type A Female (Black) |
| Impedance | 100 Ω |
| Max. Distance | 15m @3840x2160@30 (4:4:4) |
| Video | |
| Max. Data Rate | 10.2 Gbps (3.4 Gbps per lane) |
| Max. Pixel Clock | 340 MHz |
| Compliance | HDMI (3D, Deep Color, 4K) HDCP Compatible Consumer Electronics Control (CEC) |
| Max. Resolution | Up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4) |
| 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 |
| IR | 1 x Mini Stereo Jack Female (Black) |
| Connectors | |
| Power | Connector: 1 x DC Jack |
| Power Consumption | DC5V:1.76W:8BTU |
| Environmental | |
| Operating Temperature | 0 - 50°C |
| Storage Temperature | -20 - 60°C |
| Humidity | 0 - 80% RH, Non-Condensing |
| Physical Properties | |
| Housing | Metal |
| Weight | 0.48 kg (1.06 lb) |
| Dimensions (L x W x H) | 20.00 x 8.25 x 2.50 cm (7.87 x 3.25 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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