

VS481A

4-Port HDMI Switch



The VS481A 4 Port HDMI Switch allows you to quickly and easily share your HDMI display device with 4 HDMI input sources. The VS481A allows convenient switching between digital devices such as DVD players, Satellite receivers, Digital Camcorder. The VS481A allows you to select the desired input source via a remote control unit and pushbuttons located on the switch.



Features

- Allows up to four HDMI A/V source to be connected to one HDMI display
- Toggle between A/V sources using remote control or front panel pushbuttons
- Superior video quality - [HDTV](#) resolutions of 480p, 720p, 1080i, 1080p (1920x1080); VGA, SVGA, SXGA, UXGA (1600x1200) and WUXGA(1920x1200)
- HDMI (3D, Deep Color)
- Supports Dolby True HD and DTS HD Master Audio
- Up to 60 Hz refresh rate
- Long distance transmission - up to 15m (24 AWG)
- Built-in bi-directional RS-232 serial remote port for high-end system control
- Power On Detection – if one of the HDMI source devices is powered off, the VS481A will automatically switch to the next powered on device
- Plug-and-play - no software installation required
- DDC Compatible
- HDCP 1.4 compliant
- Signaling rates up to 2.25 Gbps in support of 1080p display
- All-metal casing
- LED indication of video source devices
- Easy and affordable way to add four HDMI inputs to your home theater system

* Note: The VS481A AP and GUI operation instructions can be downloaded from the ATEN website (www.aten.com)

Specifications

| | |
|-------------|--------------------------------|
| Video Input | |
| Interfaces | 4 x HDMI Type A Female (Black) |
| Impedance | 100 Ω |

| | |
|------------------------|---|
| Max. Distance | 3m @1920x1080@60 (4:4:4) |
| Video Output | |
| Interfaces | 1 x HDMI Type A Female (Black) |
| Impedance | 100 Ω |
| Max. Distance | 15m @1920x1080@60 (4:4:4) |
| Video | |
| Max. Data Rate | 6.75 Gbps (2.25 Gbps Per Lane) |
| Max. Pixel Clock | 225 MHz |
| Compliance | HDMI (3D, Deep Color) HDCP Compatible Consumer Electronics Control (CEC) |
| Max. Resolution | Up to 1080p |
| 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 |
| Connectors | |
| Power | 1 x DC Jack |
| Power Consumption | DC5.3V:1.87W:9BTU/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 - 50°C |
| Storage Temperature | -20 - 60°C |
| Humidity | 0 - 80% RH, Non-Condensing |
| Physical Properties | |
| Housing | Metal |
| Weight | 0.47 kg (1.04 lb) |
| Dimensions (L x W x H) | 20.00 x 8.27 x 2.50 cm (7.87 x 3.26 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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