

VS381B

3-Port True 4K HDMI Switch



The VS381B 3-Port [True 4K](#) HDMI Switch with Auto Switching provides you to switch 3 HDMI input sources to an HDMI display. It supports video resolutions up to [True 4K](#) (4096 x 2160 @ 60Hz 4:4:4), data rates up to 18 Gbps, [HDR](#), 3D, Deep Color, and HD lossless audio formats. Furthermore, the VS381B offers switching methods between HDMI sources by front panel pushbuttons and IR remote control, enabling users to effortlessly select desired input.

Featuring above functionalities provides you a practical solution for auditorium, [home theater](#), [meeting rooms](#), trade shows, shopping centers, and more.



Features

- Allows up to 3 HDMI input sources to be transmitted to 1 HDMI output display
- Superior video quality - [True 4K](#) resolution of 4096 x 2160 / 3840 x 2160 @ 60Hz (4:4:4) up to 5m; [HDR](#) supported
- HDMI (3D, Deep Color, 4K, [HDR10+](#), Dolby Vision, HLG)
- HDCP 2.2 compliant
- Auto switching mode for auto port selection
- Switching between HDMI input sources via front panel pushbuttons and IR remote control
- Supports IR extension
- Supports 7.1 channel audio output
- Clear LED indication of device status
- Plug-and-play - no software installation required

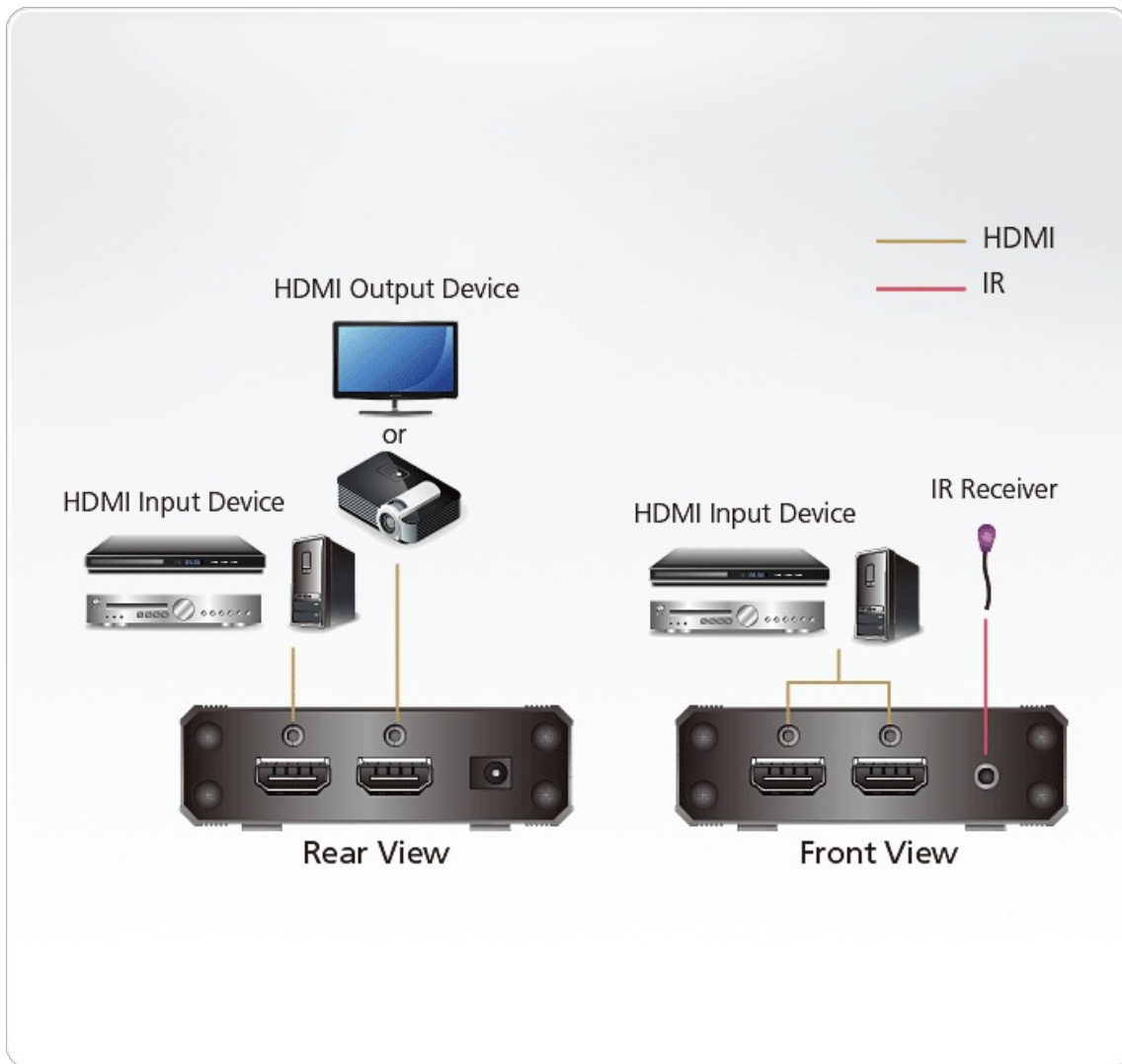
Specifications

Note	USB to DC cable as the main power source; In some circumstances power from HDMI maybe sufficient for the device; however, the power source from USB via USB to DC cable is recommended for device operation
LEDs	
Input	3 x HDMI-In (Green)
Power	1 x Power LED (Green)

Pushbuttons	
Select	1 x push button (input selection)
Audio	
Input	3 x HDMI Type A Female (Black)
Output	1 x HDMI Type A Female (Black)
Video Input	
Interfaces	3 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	Max 5m @ Up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:4:4)
Video Output	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	Max 5m @ Up to 4096 x 2160 / 3840 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, Deep Color, 4K, HDR10, Dolby Vision) HDCP 2.2
Max. Resolution	4096 x 2160 / 3840 x 2160 @ 60Hz (4:4:4)
Control	
IR	1 x Mini Stereo Jack Female (Black) / Max distance@ 5m
Connectors	
Power	1 x DC Jack
Power Consumption	DC5V:1.46W:6BTU
Environmental	
Operating Temperature	0-40 °C
Storage Temperature	-20 - 60 °C

Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Metal
Weight	0.15 kg (0.33 lb)
Dimensions (L x W x H)	7.16 x 7.90 x 2.55 cm (2.82 x 3.11 x 1 in.)
Carton Lot	20 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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