

3-Port True 4K HDMI Switch

VS381B

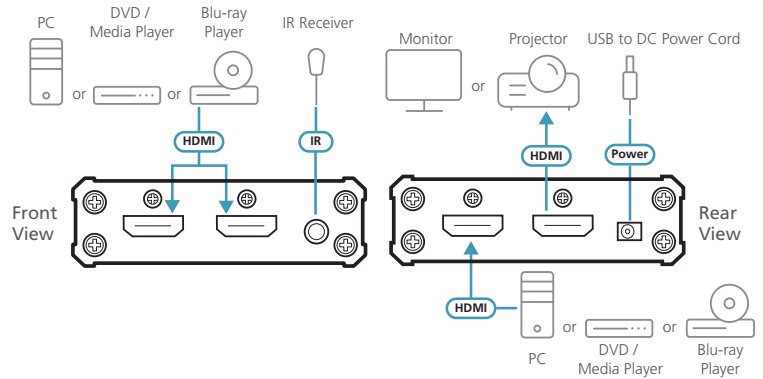
The VS381B 3-Port True 4K HDMI Switch with Auto Switching provides users to switch 3 HDMI input sources to an HDMI display. It supports video resolutions up to True 4K (4096 x 2160 @ 60Hz 4:4:4), data rates up to 18 Gbps, HDR, 3D, Deep Color, and HD lossless audio formats. Furthermore, the VS381B offers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

VS381B is 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

	VS381B
Video Input	
Interfaces	3 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	Max 5 m @ Up to 4096 x 2160 / 3840 x 2160 @ 60 Hz (4:4:4)
Video Output	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	Max 5 m @ Up to 4096 x 2160 / 3840 x 2160 @ 60 Hz (4:4:4)
Video	
Max. Data Rate	18 Gbps (6 Gbps Per Lane)
Max. Pixel Clock	600 MHz
Compliance	HDMI (3D, Deep Color, 4K, HDR10+, HLG, Dolby Vision) HDCP 2.2
Max. Resolution	4096 x 2160 / 3840 x 2160 @ 60 Hz (4:4:4)
Control	
IR	1 x Mini Stereo Jack Female (Black) / Max distance @ 5m
Connectors	
Power	1 x DC Jack*
Power Consumption	DC 5V : 1.46 W : 6 BTU
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)
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
Dimensions (L x W x H)	7.16 x 7.90 x 2.55 cm

Note: ATEN strongly recommend to use the USB via USB to DC cable (supplied) and a 5V/0.5A power adapter (self-supplied) as the main power source for the unit. The power supply from the HDMI connection may be insufficient for the unit to operate fully.

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Product information is subject to change without prior notice.

Released: 08/2022 V4.0

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