

# 3-Port True 4K HDMI Switch

## VS381B

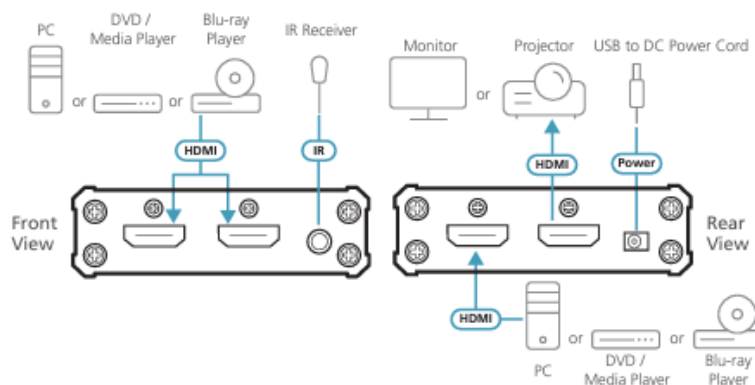
The VS381B 3-Port True 4K HDMI Switch with Auto Switching provides users to switch 3 HDMI input sources to an HDMI display. It supports video resolutions up to True 4K (4096 x 2160 @ 60Hz 4:4:4), data rates up to 18 Gbps, HDR, 3D, Deep Color, and HD lossless audio formats. Furthermore, the VS381B offers 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
<b>Video Input</b>	
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)
<b>Video Output</b>	
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)
<b>Video</b>	
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)
<b>Control</b>	
IR	1 x Mini Stereo Jack Female (Black) / Max distance @ 5m
<b>Connectors</b>	
Power	1 x DC Jack*
<b>Power Consumption</b>	
	DC 5V : 1.46 W : 6 BTU
<b>LEDs</b>	
Input	3 x HDMI-In (Green)
Power	1 x Power LED (Green)
<b>Pushbuttons</b>	
Select	1 x Push Button (Input Selection)
<b>Audio</b>	
Input	3 x HDMI Type A Female (Black)
Output	1 x HDMI Type A Female (Black)
<b>Environmental</b>	
Operating Temperature	0 – 40 °C
Storage Temperature	-20 – 60 °C
Humidity	0 – 80% RH, Non-Condensing
<b>Physical Properties</b>	
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.