

4-Port True 4K HDMI Switch

VS481C

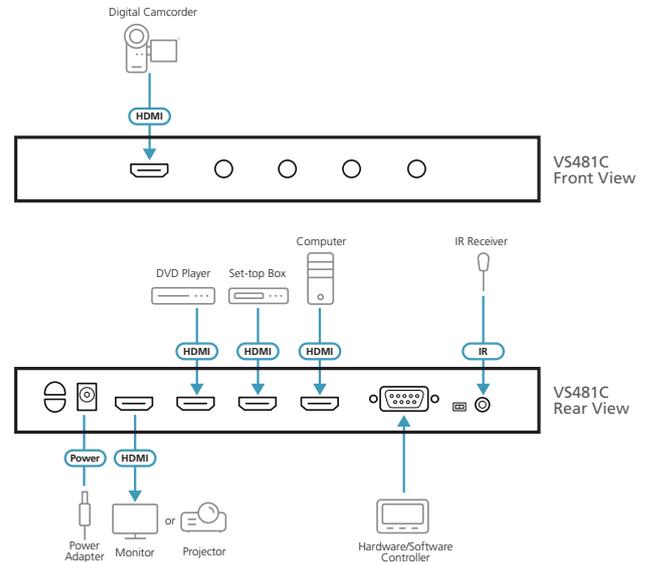
The ATEN VS481C is designed for applications that require the routing of 4 sources to one compatible display device. It enables the reliable transmission at video resolutions up to True 4K (4096 x 2160 @ 60Hz 4:4:4), data rates up to 18 Gbps, 3D, Deep Color up to 12-bit, and HD lossless audio formats. Integrator-friendly features include Auto Switching modes for auto port selection, bi-directional RS-232, and IR for remote device control.

Engineered to meet today's demand of True 4K signal transmission and user-oriented design, the ATEN VS481C is a powerful solution for a wide range of settings, such as home theater, meeting rooms, trade shows, and shopping centers.



Features

- Allows up to 4 HDMI sources to be connected to one HDMI display
- HDMI 2.0 (3D, Deep Color, 4K); HDCP 2.2 compliant
- Superior video quality – True 4k resolutions of 4k x 2k @ 60 Hz (4:4:4)
- Supports HDR10+
- Supports IR extension
- Built-in bi-directional RS-232 serial port for high-end system control
- Auto switching modes for auto port selection
- LED indication of source device status
- Plug-and-play



Note: Three HDMI in ports are located on the rear panel, and one on the front.

Specifications

VS481C	
Video Input	
Interfaces	4 x HDMI Type-A Female (Black)
Impedance	100 Ω
Max. Distance	5m at 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	5m at 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); HDCP 2.2 Consumer Electronics Control (CEC)
Max. Resolution	4096 x 2160 / 3840 x 2160 @ 60Hz (4:4:4)
Control	
RS-232	Connector : 1 x DB-9 Female (Black) Baud Rate : 19200 / Data Bits : 8 / Stop Bits : 1 / Parity : NO / Flow Control : NO
IR	1x IR Receiver; 1 x Mini Stereo Jack Female (Black)
Switches	
DIP	Auto Switch ON/OFF
Connectors	
Power	1 x DC Jack (with locking)
Power Consumption	
	DC5V:0.924W
Environmental	
Operating Temperature	0 – 40° C
Storage Temperature	-20 – 60° C
Humidity	0 – 80% RH, Non-Condensing
Physical Properties	
Housing	Metal
Weight	0.47 kg
Dimensions (L x W x H)	20.00 x 8.21 x 2.50 cm

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