VS481C

4-Port True 4K HDMI Switch

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

Specification

Switches	
DIP	Auto Switch ON/OFF
Video Input	
Interfaces	4 x HDMI Type A Female (Black)

Impedance	100 Ω
Max. Distance	3M
Video Output	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	3M
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	1 x Mini Stereo Jack Female (Black) 1 x IR Receiver
Connectors	
Power	1 x DC Jack (with locking)
Power Consumption	DC5V:0.294W:20BTU
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 (1.04 lb)
Dimensions (L x W x H)	20.00 x 8.21 x 2.50 cm (7.87 x 3.23 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