

# 4-Port True 4K HDMI Switch

## VS481C

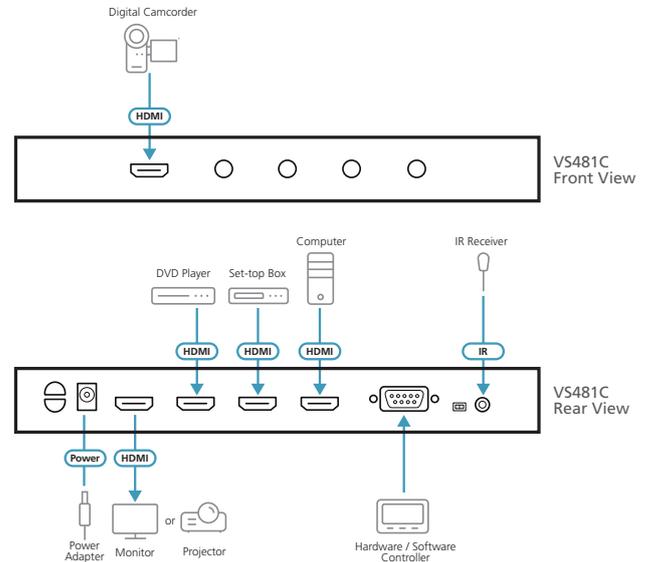
The ATEN VS481C is designed for applications that require the routing of 4 sources to one compatible display device. It enables the reliable transmission at video resolutions up to True 4K (4096 x 2160 @ 60Hz 4:4:4), data rates up to 18 Gbps, 3D, Deep Color up to 12-bit, and HD lossless audio formats. 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 (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
<b>Switches</b>	
DIP	Auto Switch ON/OFF
<b>Video Input</b>	
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)
<b>Video Output</b>	
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)
<b>Video</b>	
Max. Data Rate	18 Gbps (6 Gbps Per Lane)
Max. Pixel Clock	600 MHz
Compliance	HDMI (3D, Deep Color, 4K); HDCP 2.2 Consumer Electronics Control (CEC)
Max. Resolution	4096 x 2160 / 3840 x 2160 @ 60Hz (4:4:4)
<b>Control</b>	
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)
<b>Connectors</b>	
Power	1 x DC Jack (with locking)
<b>Power Consumption</b>	DC5V:0.924W
<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	0.47 kg
Dimensions (L x W x H)	20.00 x 8.21 x 2.50 cm

### ATEN International Co., Ltd.

3F., No.125, Sec. 2, Datung Rd., Sijhih District., New Taipei City 221, Taiwan  
 Phone: 886-2-8692-6789 Fax: 886-2-8692-6767  
 www.aten.com E-mail: marketing@aten.com

Product information is subject to change without prior notice.

Released: 09/2024 V7.0

© Copyright 2024 ATEN® International Co. Ltd.  
 ATEN and the ATEN logo are registered trademarks of ATEN International Co., Ltd.  
 All rights reserved. All other trademarks are the property of their respective owners.  
 The terms HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

