

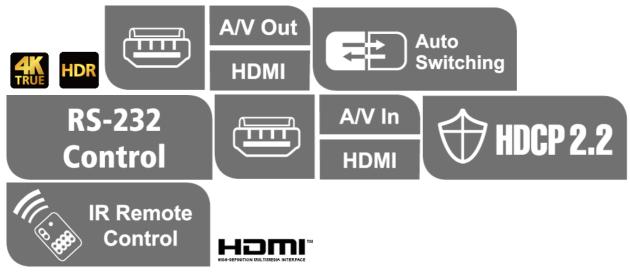
## **VS481C**

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, bidirectional 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.



- 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

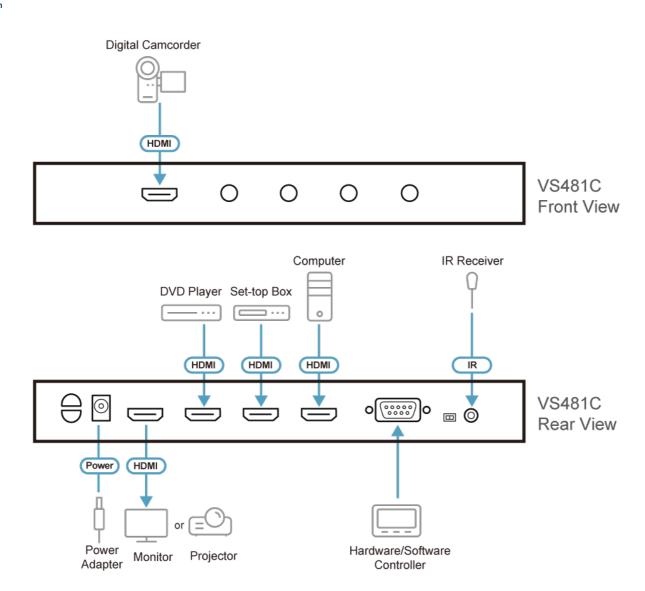


# Specifications

| Switches               |   |
|------------------------|---|
| DIP                    | Auto Switch ON/OFF  |
| 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 (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:0.924W:20BTU/h  Note:  The measurement in Watts indicates the typical power consumption of the device with no external loading.  The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. |
| 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<br>(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.   |

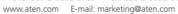


## Diagram



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