

VS182B

2-Port True 4K HDMI Splitter



The VS182B True 4K HDMI Splitter is the perfect solution for anyone who needs to send one source of digital high definition video to two displays at the same time. It supports all HDMI-enabled equipment, such as DVD players, satellite set-top boxes and all HDMI monitors, displays, projectors, or TVs.

The VS182B True 4K HDMI Splitter is HDMI 2.0 compliant, 4K at 60Hz (4:4:4), and supports multiple streaming audio, making it effective for use with all HDMI displays in home theater applications, as well as in corporate, educational and commercial settings.

A/V Out

HDMI

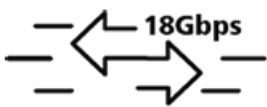
A/V In

HDMI

HDCP 2.2

EDID

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE



18Gbps Max.
Bandwidth



Features

- Connects one HDMI source to two HDMI displays at the same time
- HDMI (3D, Deep Color, 4K); HDCP 2.2 Compatible
- Supports HDR10⁺
- Supports max resolutions of up to 4096 x 2160 / 3840 x 2160 @ 60 Hz (4:4:4)
- Long distance transmission- up to 15 m(1920x1200) / 5 m (True 4K)*
- Max pixel clock rate up to 600 MHz
- Max data rate up to 18 Gbps (6 Gbps per lane)
- LED indication of power status and source devices
- EDID Expert™ – Selects optimum EDID settings for smooth power-up, high-quality display and use of the best video resolution via EDID DIP Switch, allowing users to effortlessly switch among Port 1, Default, and Auto
- Plug-and-play – No software installation required

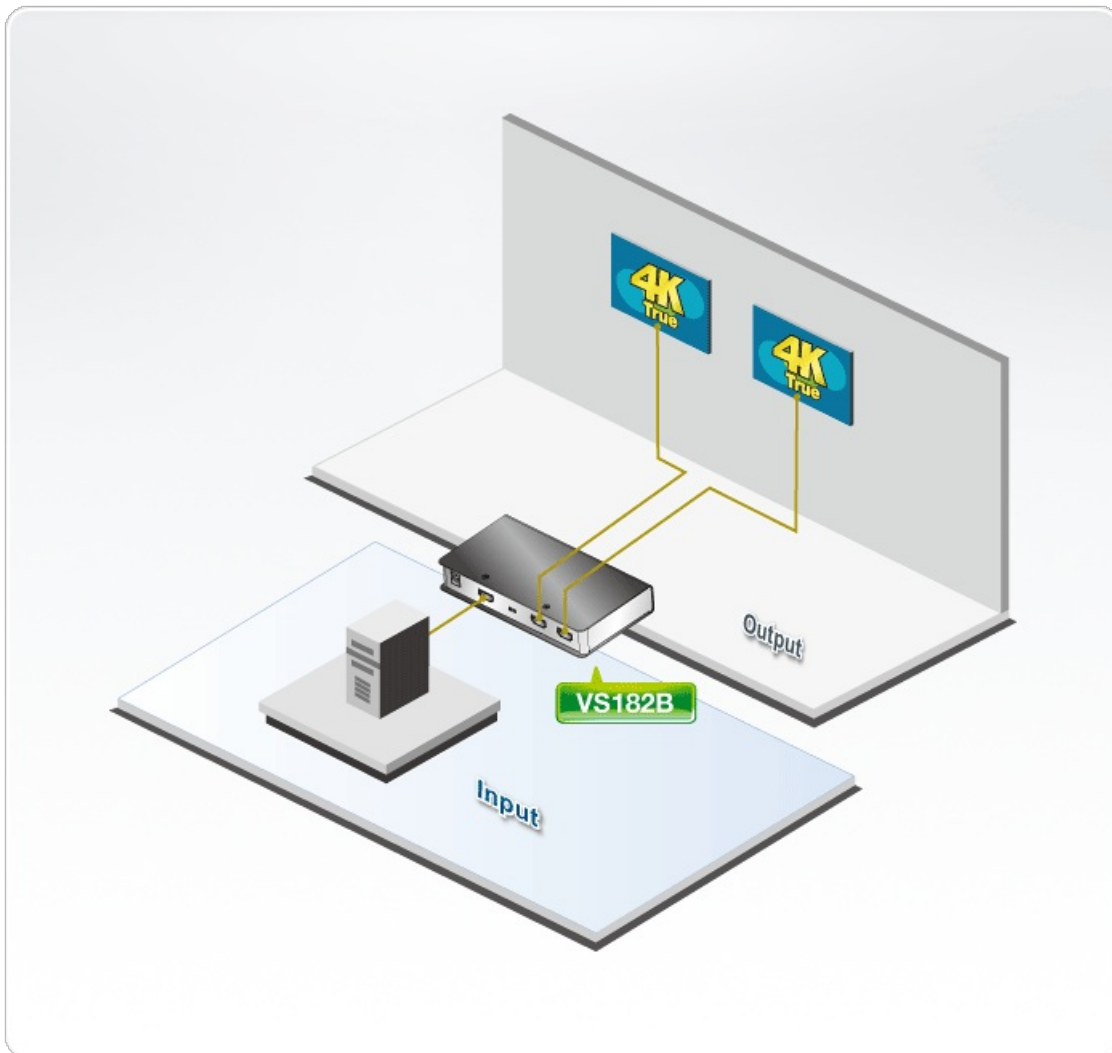
* Note: Compatible with ATEN [2L-7D02H-1](#)

Specification

Video Input	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	5m at 4K@60Hz (4:4:4)
Video Output	
Interfaces	2 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	5m at 4K@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 Compatible
Max. Resolution	Up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:4:4)
Audio	
Input	1 x HDMI Type A Female (Black)
Output	2 x HDMI Type A Female (Black)
Connectors	
Power	1 x DC Jack
Power Consumption	DC5V:4.24W: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	0.32 kg (0.7 lb)
Dimensions (L x W x H)	12.50 x 8.00 x 2.50 cm (4.92 x 3.15 x 0.98 in.)
Carton Lot	20 pcs
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram





Simply Better Connections

ATEN International Co., Ltd.

3F., No.125, Sec. 2, Datong 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



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