

VS172

2-Port DVI Dual Link/Audio Splitter



The VS172 2-Port DVI Dual Link Splitter with Audio combines DVI quality video and audio, taking signals from an audio/ video source and replicating them to two audio/video outputs. This [video splitter](#) uses dual link technology, which offers high bandwidth capacity for added transmission power and faster refresh rates, thereby providing better video quality of viewing resolutions up to 2560 x 1600.

The built-in bi-directional RS-232 port on the rear panel allows the splitter to be controlled through a Control Unit, PC, and/or home automation/home theater software package for complete system integration.

The VS172 is easy to operate and can be cascaded to three levels, handling up to 8 monitors, which makes them the ideal solution for situations such as:

- a) Broadcasting video information to the public (news headlines, stock prices, airline and train schedules, etc.)
- b) Company training facilities
- c) Classroom instruction



Features

- Displays DVI audio/video to multiple DVI-compatible monitors or projectors
- Superior video quality - up to 2560 x 1600 @ 60 Hz including 2K-resolution (2048 x 2048 @ 60 Hz)
- Cascadable to 3 levels – provides up to 8 video signals
- Audio enabled
- Features RS-232 serial port for command controls
- RS-232 Chain Control – use RS-232 commands to control cascaded devices via a DVI Cable
- EDID Expert – selects the optimum [EDID](#) settings via RS-232

Note:

* The VS172 AP and GUI operation instructions can be downloaded from the ATEN website (www.aten.com)

** [HDCP](#) is not supported.

Specifications

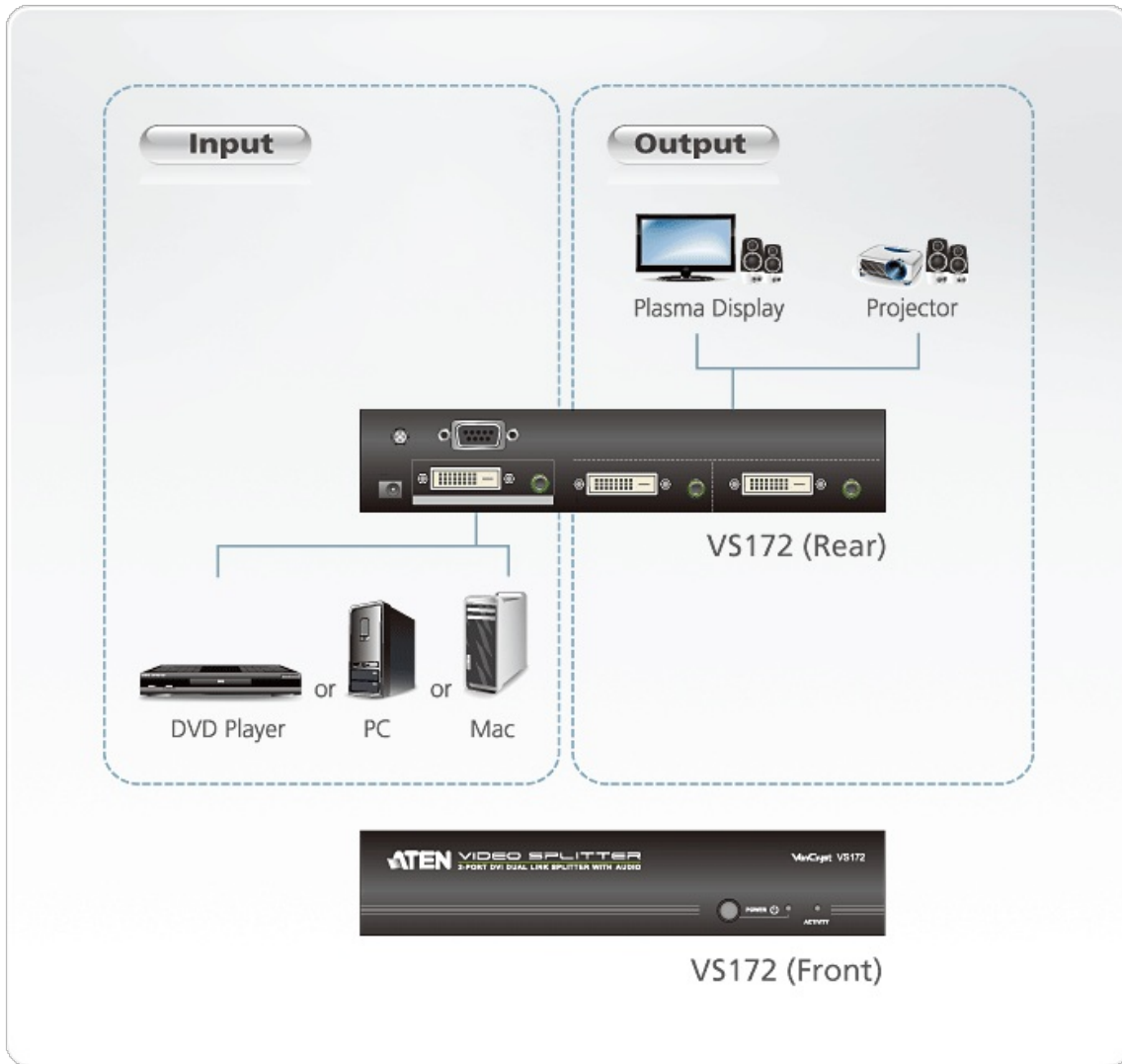
2-Port DVI Dual Link Splitter with Audio

Video Input

Interfaces	1 x DVI-D Female (White)
Impedance	100 Ω
Max. Distance	1.8 m
Video Output	
Interfaces	2 x DVI-D Female (White)
Impedance	100 Ω
Video	
Max. Data Rate	13.5 Gbps (2.25 Gbps Per Lane)
Max. Pixel Clock	225 MHz
Max. Resolution	Up to 2560 x 1600
Max. Distance	Up to 5 m
Audio	
Input	1 x Mini Stereo Jack Female (Green)
Output	2 x Mini Stereo Jack Female (Green)
Control	
RS-232	Connector: 1 x DB-9 Female (Black) Baud rate and protocol: Baud Rate: 19200, Data Bits: 8, Stop Bits:1, Parity: No, Flow Control: No
EDID Settings	EDID Mode: Default / Port 1 / Auto
Connectors	
Power	1 x DC Jack
Power Consumption	DC5.3V:3.6W:17BTU
Environmental	
Operating Temperature	0-50 °C
Storage Temperature	-20 - 60 °C
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Metal
Weight	0.68 kg (1.5 lb)

Dimensions (L x W x H)	21.00 x 8.80 x 5.55 cm (8.27 x 3.46 x 2.19 in.)
Carton Lot	5 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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