

2/4/8-Port VGA Splitter with Audio

VS0102 / VS0104 / VS0108

- The ATEN VS0102 / VS0104 / VS0108 2/4/8-Port VGA Splitter with Audio are VGA splitters that allow a single VGA video and audio signal to be distributed to two, four, or eight output displays with independent stereo control. The splitters support up to 450 MHz video bandwidth, which provides optimum video quality, supported by resolutions up to 1920 x 1440.

Furthermore, for complete systems integration, serial control is standard through the VS0102 / VS0104 / VS0108's built-in RS-232 port, which allows the splitter to be controlled through a high-end controller or PC.

The VS0102 / VS0104 / VS0108 is perfect for conference rooms, training facility and multi-display broadcasting, with cascadable support up to three levels allowing a single video signal to be sent across up to 8/64/512 video displays while sustaining the highest quality possible.



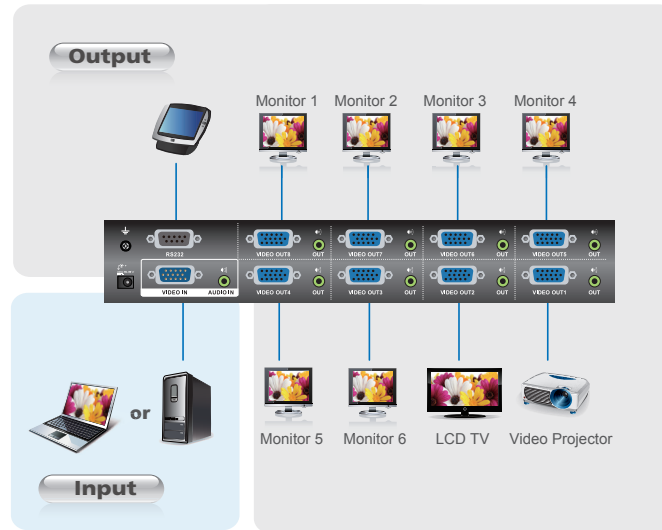
Features

- One video input to 2/4/8 video outputs
- Superior video quality – up to 1920 x 1440 @ 60Hz
- Supports up to 450 MHz bandwidth for high performance video
- Long distance transmission – up to 30 m*
- Supports VGA, SVGA, UXGA, WUXGA, and multisync
- EDID Expert™ – selects the optimum EDID settings for smooth power-up and highest quality display
- Expandable – provides up to 8/64/512 video displays
- Features RS-232 serial port for command controls**
- RS-232 chain control – use RS-232 commands to control cascaded devices via VGA cable
- Supports stereo audio
- Plug-and-play – no software installation required

Note:

* Video content sent over very long distance using a VGA cable might result in slight degradation of the video signal and quality.

** The VS0102 / VS0104 / VS0108 AP and GUI operation instructions can be downloaded from the ATEN website (www.aten.com).



Specifications

Function	VS0102	VS0104	VS0108
Video Input			
Interfaces	1 x HDB-15 Male (Blue)	1 x HDB-15 Male (Blue)	1 x HDB-15 Male (Blue)
Impedance	75 Ω	75 Ω	75 Ω
Max. Distance	1.8 m	1.8 m	1.8 m
Video Output			
Interfaces	2 x HDB-15 Female (Blue)	4 x HDB-15 Female (Blue)	8 x HDB-15 Female (Blue)
Impedance	75 Ω	75 Ω	75 Ω
Video			
Max. Bandwidth	450 MHz	450 MHz	450 MHz
Max. Resolution	Up to 1920 x 1440	Up to 1920 x 1440	Up to 1920 x 1440
Max. Distance	Up to 30 m	Up to 30 m	Up to 30 m
Audio			
Input	1 x 3.5mm Audio Jack Female (Green)	1 x 3.5mm Audio Jack Female (Green)	1 x 3.5mm Audio Jack Female (Green)
Output	2 x 3.5mm Audio Jack Female (Green)	4 x 3.5mm Audio Jack Female (Green)	8 x 3.5mm Audio Jack Female (Green)
Control			
RS-232	1 x DB-9 Female (Black)	1 x DB-9 Female (Black)	1 x DB-9 Female (Black)
EDID Settings			
	EDID Mode: Port 1 / Auto / Default	EDID Mode: Port 1 / Auto / Default	EDID Mode: Port 1 / Auto / Default
Connectors			
Power	1 x DC Jack		
Power Consumption			
	DC5.3V: 0.74W: 3BTU	DC5.3V: 1.13W: 5BTU	DC5.3V: 2.18W: 10BTU
Environmental			
Operating Temperature	0 – 50°C		
Storage Temperature	-20 – 60°C		
Humidity	0 – 80% RH, Non-condensing		
Physical Properties			
Housing	Metal	Metal	Metal
Weight	0.46 kg	0.68 kg	0.87 kg
Dimensions (L x W x H)	13.00 x 7.61 x 4.40 cm	20.00 x 7.61 x 4.40 cm	26.00 x 7.61 x 4.40 cm

Product information is subject to change without prior notice.

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

Publish Date: 03/2020 V5.0



© Copyright 2020 ATEN® International Co., Ltd.
 ATEN and the ATEN logo are trademarks of ATEN International Co., Ltd.
 All rights reserved. All other trademarks are the property of their respective owners.