



ATEN Technology, Inc.
www.aten-usa.com



2 Port Video Splitter - 250 MHz VS102 - **Legacy**

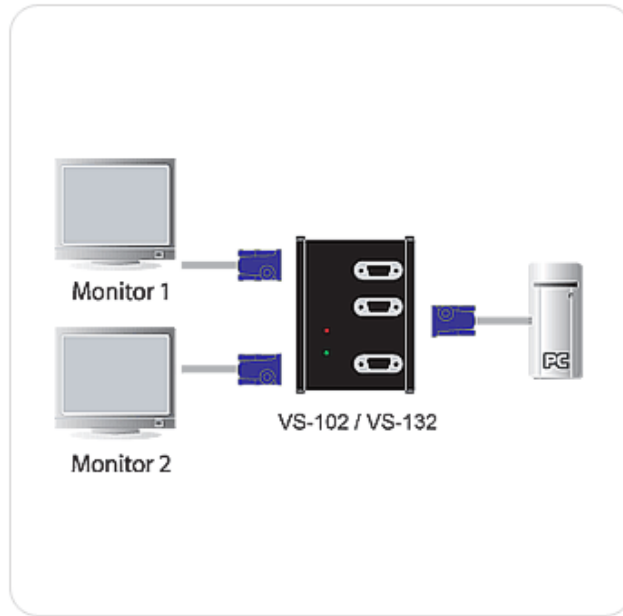
The Video Separator is a signal booster and splitter that is used to take video input from a single source and direct it to two video outputs for monitors using analog signals. The signal boost obtained by using the VS-102 allows you to not only split the signal but to extend the distance so that you can send the signal to about 210 feet. This is no mean feat, your average VGA card, over a standard VGA cable, send a clear VGA signal approximately 25 feet. This makes public broadcasts from a single computer very feasible. If you want to display the same information on many monitors at once, such as in a classroom environment, or at a demonstration, this product performs incredibly well. Bandwidth is the term that is used to describe the signal capacity of these units. In general, bandwidth is directly proportional to the amount of data transmitted per unit of time. Specifically, in analog signals, bandwidth is the difference between the highest-frequency and the lowest frequency components of a given signal. For example a voice telephone signal has a bandwidth of 3000 Hz (or 3000 cycles per second), where an analog TV signal has a bandwidth of approximately 6MHz (or 6 million cycles per second) which is approximately 2000 times greater than a simple voice phone call. These units have a bandwidth of 250MHz (which is 250 million cycles per second) and that is almost 42 times greater than a simple TV signal. This huge bandwidth allows for the transmission of large amounts of information at a very high rate of speed, and thus you can use the very high resolution setting of 1600 x 1200 in 24 or 32 bit true color mode at a refresh rate of 70Hz.

Distributor Part NO. : Contact Aten for part number @ 949.428.1111

| Features:

One video input with two video outputs Transmission distance of up to 210 feet Suitable for SVGA, VGA, and Multisync monitors Daisy-Chain multiple units together for even more outputs Power-save mode, when the computer is off the power indicator LED's flash

| Diagram :



Specification :

* Master Carton	
Width	13.5 in. (34.3 cm)
Height	14.0 in. (35.6 cm)
Depth	20.0 in. (50.8 cm)
* Master Carton Qty.	20
*** Unit Package Dimensions	
Height	2.5 in. (6.4 cm)
Width	6.4 in. (16.3 cm)
Length	9.5 in. (24.1 cm)
LEDs	
Power On	1
Housing	
Case	Metal
Weight	
Unit Pack Wt.	1.2 lb. (0.6 kg)
Master Carton Wt.	26.4 lb. (12.0 kg)
**** Unit Dimensions	
Depth	1.0 in. (2.5 cm)
Width	3.2 in. (8.1 cm)
Height	4.0 in. (10.2 cm)
Length	1.8 m. (6 ft.)
VGA Bandwidth (-3db)	250 MHz
Signal Type	VGA; SVGA; MultiSync
Connectors (Output)	2 x 15 pin HDB Female
Cable Length	1.8 m. (6 ft.)

Connectors (Input)	15 pin HDB Male
Power Consumption	DC 9V 130 mA (Max)
Video Resolution	1600 x 1200 @ 70 Hz
Cable Distance	210