

Video Splitter



Video Sharing with up to 2 computers

Drive multiple monitors from either 1 or 2 CPUs

Crystal clear video, up to 1600 x 1280 non-interlaced up to 250 feet away

Models available to drive 2, 4 or 8 monitors

Features and Benefits

- Drives multiple monitors from either 1 or 2 computers
- Available in two, four, or eight output models
- Internal gain adjustment to increase brightness of monitors
- Ideal for classrooms, conference rooms, point of sale presentations, trading room floors, process control, security systems, airports, restaurants, and many other applications
- Daisy-chain units to one another with VGA male to female cables to drive 64 or more videos
- Designed to drive long cables with high capacitance
- Monitors can be located up to 250 feet away from your CPU with optional extended distance cables
- Uses VGA style HD15 connectors, male for CPUs, female for monitors
- Optional built in A/B switches allows you to switch from two different CPUs
- Output enable turns off all but port one, so that you can hide the video output while still being able to use one output

The Video Splitter™ Advantage...

When it comes to multiple monitor capability with connectivity to one or two computers, The Video Splitter is the device to use. The Video Splitter was designed to provide drive long cables with high capacitance.

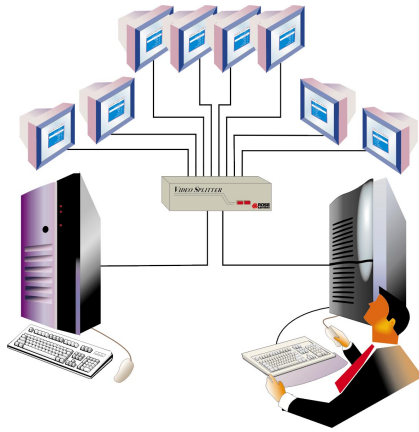
Applications for use in classrooms, conference rooms, point-of-sale, process control, and security systems are perfect for the Video Splitter. And, you can daisy-chain them to attach additional monitors.

Video Splitter models are available to drive two, four, or eight monitors. Monitors can be located up to 250 feet away from your computer. If additional distance is required, we can assist with Rose's extended distance cables.

An added feature is the built-in A/B switch, which allows you to switch 2 CPUs to multiple monitors. For control, a blanking switch disconnects all monitors except one for setup of presentations. The Video Splitter is rack mountable with optional 19", 23" and 24" racks.



Typical Application



Introduction Created for "plug and play" operation, the VideoSplitter is a distribution amplifier that allows you to drive multiple monitors with one or two computers from a distance of 250 feet. Applications include classrooms, conference rooms, point-of-sale, process control, airports, restaurants, security systems, and many other applications. You can daisy-chain them to attach additional monitors.

Cables The VideoSplitter uses the common HD15 VGA connector. The inputs are male, so that you use a male to female cable to connect your video source. The output is female, so that you use a male to male cable to connect the monitors or directly plug in the monitor to the VideoSplitter. The gender of the connectors was chosen this way so that for testing purposes you can connect the cables together and bypass the box. It is recommended to use Rose high quality coax cables for best results.

Installation Easy installation, easy "expandability", and easy maintenance are hallmarks of all Rose products. The Video Splitter is no exception. Simply connect your computers and monitors to the Video Splitter ports with your cables. Plug in the power transformer to the unit and your AC source and turn the unit on. The green power LED should come on to indicate that the power is connected correctly. You should see video from the computer on all the monitors connected.

Operation There are a few features in the VideoSplitter that are rather unique. The first one is the optional inclusion of a built-in A/B switch. While not used in all applications, it is useful when you need to switch two video sources to the output monitors. The second feature is the output enable. In many types of applications, the computer that generates the video must be used to setup the application that is generating the video as well as it must be accessed for maintenance. Well, you really don't want to show that information to all the monitors, so you can disable all the outputs but one. Port number one on the back of the unit is always live.

Inside the unit are some dip switches. These dip switches can be set for two different gain settings, low and high. Use the high gain setting when the cable length exceeds 100 feet or if you can not adjust the brightness on the monitors at the remote end. You can experiment to find the best setting for your application.

Options The unit is rack mountable with 19", 23" and 24" rack kits available. The unit is also available in a 220 volt model.

Going further To locate your monitors even further than 250', try our CrystalView™ extenders which can go as far as 1000 feet using twisted pair cabling.

Support and Warranty Rose Electronics has been in business for over 16 years providing innovative solutions for switching and sharing. We provide unlimited pre-sale and post-sale support. All our products have a one-year warranty. The VideoSplitter is manufactured in the USA. We welcome the opportunity to provide a solution for you. Please give us a call and join the thousands of companies who use our products every day.

Part Numbers

VSP-1X2V	1 to 2 VGA, HD15 connectors
VSP-1X4V	1 to 4 VGA, HD 15 connectors
VSP-1X8V	1 to 8 VGA, HD 15 connectors
VSP-2X2V	2 to 2 VGA, HD15 connectors
VSP-2X4V	2 to 4 VGA, HD 15 connectors
VSP-2X8V	2 to 8 VGA, HD 15 connectors

Specifications

Dimensions	8.85" W x 4.90" D x 2.10" H 22.5 x 12.5 x 5.3 cm
Weight	3 lb. (1.8 kg.)
Input Power	117 VAC Power adapter supplied 230 VAC optional
Output Power	17 VAC CT, 700 ma
Connectors:	Power: DIN5 Video in: HD15 Male Video out: HD15 Female
Video Bandwidth	250 Mhz
Video Sync and Rack mount option	Vertical/Horizontal, supports composite sync on green also 19", 23" or 24"
Chassis	Electro-galvanized steel, painted
Controls	Power On/Off Switch, 8-Position Dip Switch
Indicators	1 Power LED (green), Status LED (yellow), Send LED (yellow)
Environmental	0-55° C, 0-80% non-condensing rel. humidity



Rear view of VideoSplitter model VSP-2X8V

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