

# 2 / 4 PORT VIDEO SWITCH



## USER MANUAL

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# VS-291 / VS-491

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Read this guide thoroughly and follow the installation and operation procedures carefully in order to prevent any damage to the units and/or any devices that connect to them.

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This package contains:

w 1 Video Switch (VS-291; or VS-491)  
w 1 DC 9V Power Adapter  
w 1 User Manual

If anything is damaged or missing, contact your dealer.

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**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instruction manual, may cause interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- ◆ Reorient or relocate the receiving antenna;
- ◆ Increase the separation between the equipment and receiver;
- ◆ Connect the equipment into an outlet on a circuit different from that which the receiver is connected;
- ◆ Consult the dealer or an experienced radio/television technician for help.

This product is RoHS compliant.



## **OVERVIEW**

The VS-291/VS-491 Video Switches are control units that allow you to conveniently display the video output of two (VS-291) or four (VS-491) separate computer systems on a single monitor, thereby eliminating the unnecessary expense of purchasing a separate monitor for each computer. The units use electronic switching technology, rather than mechanical switching, for greater reliability and durability.

The VS-291/VS-491 also saves on the space that additional monitors take up, as well as the extra power costs, and eliminates the inconvenience and wasted effort involved in constantly moving around from one computer to another.

## **FEATURES**

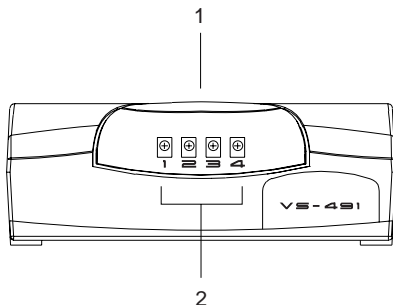
- ◆ Electronic Switching For Greater Reliability and Durability
- ◆ Display the Output of Two (VS-291) or four (VS-491) Computers on a Single Monitor
- ◆ High Resolution Video - Up To 1920 x 1440; DDC2B
- ◆ Supports, VGA, SVGA, XGA and Multisync Monitors
- ◆ Easy Installation - No Software Required - No Configuration Necessary
- ◆ Computer Selection via Pushbutton Switch

## HARDWARE REQUIREMENTS

- ◆ One VGA, SVGA, XGA, or Multisync compatible analog monitor, with a standard PC high density cable having a 15 pin D type male connector
- ◆ One VGA, SVGA, XGA, or Multisync analog video card having a standard PC 15 pin D type female connector per computer.
- ◆ One video cable (having a 15 pin D type male connector at one end, and a 15 pin D type female connector at the other), per computer

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- Note:** 1. Cables require a separate purchase. UL-2919 rated cable is recommended for the best video quality.
2. This product is not suitable for CGA, EGA, or Monochrome type monitors using a digital video signal.
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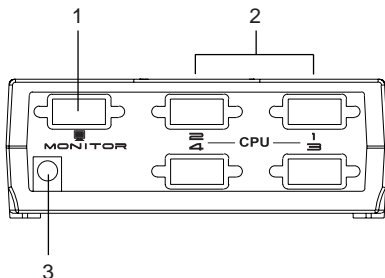
## VS-491 FRONT VIEW



No.	Description	Function
1	Port Selection Switch	Press this button to cycle the video focus among the computers.
2	Selected Port LEDs	The numbers correspond to the video ports on the back panel. A LED lights to indicate that its corresponding port is the one that has the video focus.

**Note:** The VS-291 Front View is similar to the VS-491, except it only has two Selected Port LEDs.

## VS-491 REAR VIEW



No.	Description	Function
1	Monitor Port	The monitor cable plugs in here.
2	Video Ports	The video cables that connect to the computer video ports plug in here.
3	Power Jack	The Power Adapter cable plugs in here.

**Note:** The VS-291 Rear View is similar to the VS-491, except it only has two Video Ports.

## INSTALLATION

Installation is simply a matter of plugging in cables. Refer to the diagrams above as you follow the step by step directions below:

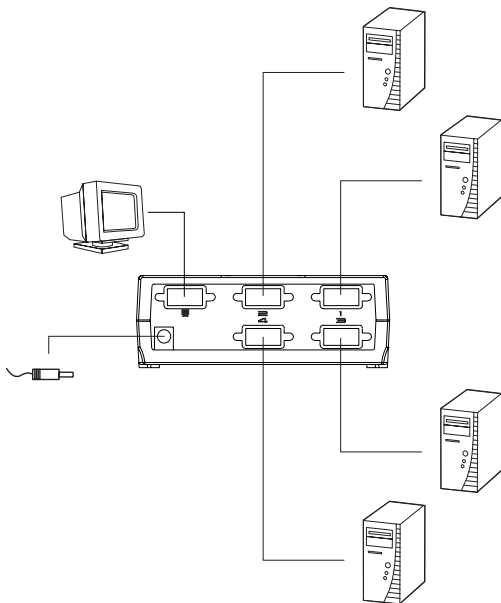
1. Plug the monitor cable into the unit's Monitor port.
2. Plug the female end of a male to female video extender cable into any available video port on the unit's rear panel; plug the male end of the cable into the computer's video output port.

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**Note:** The video extender cable does not come with the package, and must be purchased separately (part no. 2L-2401).

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Plug the power adapter (supplied with this package) into an AC source; plug the adapter's power cable into the unit's Power Jack. Power On all equipment.



# SPECIFICATIONS

Function		VS-291	VS-491
Connectors	Output	1 x HDB-15 Female	
	Input	2 x HDB-15 Male	4 x HDB-15 Male
	Power	1 x Power Jack	
LEDs (Selected Ports)		2	4
Port Selection		1 x Push Button Switch	
Video Resolution		1920 x 1440@60Hz; DDC; DDC2; DDC2B	
Cable Distance		10m (30')	
Signal Type		VGA; SVGA; XGA; Multisync	
Power Consumption		DC 9V; 0.9W (max.)	DC 9V; 1.35W (max.)
Environment	Operating Temp	0°~ 50°C	
	Storage Temp	-20°~ 60°C	
	Humidity	0 ~ 80% RH, Non-condensing	
Physical Properties	Housing	Plastic/Metal	
	Weight	0.22 kg	
	L x W x H	12 x 6.5 x 4.4 cm	



## **LIMITED WARRANTY**

IN NO EVENT SHALL THE DIRECT VENDOR'S LIABILITY EXCEED THE PRICE PAID FOR THE PRODUCT FROM THE DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT, DISK OR ITS DOCUMENTATION.

The direct vendor makes no warranty or representation, expressed, implied, or statutory with respect to the contents or use of this documentation, and specially disclaims its quality, performance, merchantability, or fitness for any particular purpose.

The direct vendor also reserves the right to revise or update the device or documentation without obligation to notify any individual or entity of such revisions, or update. For further inquires please contact your direct vendor.



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