

# MultiVideo



## Single user KVM switch for CPUs with multi-monitor video cards

Switches all video ports simultaneously from simple keyboard command or front panel

Use for financial trading floors, trade shows, and presentation applications

High resolution video

## Features and Benefits

- Available in 4 different port configurations
  - Two computers, each with two video ports
  - Two computers, each with four video ports
  - Four computers, each with two video ports
  - Four computers, each with four video ports
- Uses UltraCable™ for superior cable management with lengths of up to 100 feet
- Video resolution up to 1600 x 1280
- Optional Advanced Visual Interface (AVI) on-screen display for configuration and computer selection
- Security system with configuration and user passwords prevents unauthorized configuration and access
- Switch computers from your keyboard, front panel, AVI, or RS232 port
- Multi-platform models converts PC, Unix, Apple, or Sun keyboard and mouse data to any platform
- Built in daisy-chaining to support up to 256 computers
- Pre-configuration feature allows installation without powering down servers
- Flash memory with free lifetime upgrade of firmware keeps compatibility with latest devices

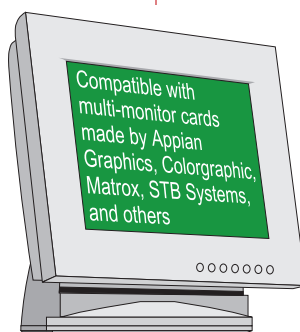
## The MultiVideo™ Advantage...

MultiVideo is for a specialized market of switching computers which have multi-monitor cards installed. These cards have multiple VGA ports on them. From each computer to the MultiVideo you connect a single keyboard and mouse, but multiple video ports. All video ports from a computer are switched simultaneously when switching computers.

Available in PC/Unix or multi-platform, the MultiVideo uses simple keyboard commands to switch between computers. The optional on-screen display allows you to switch from its streamlined visual interface and show to which computer you are switched.

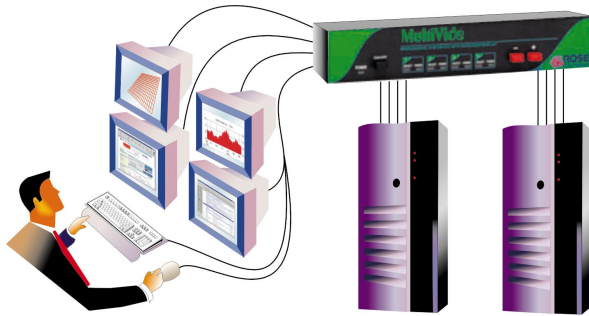
Just think of the diverse applications You can use it in many areas such as financial trading, 911 emergency, medical imaging, video editing, process control, and CAD/CAM to name a few.

MultiVideo's high resolution is sure to provide a clear picture on all the video monitors. Combine with our ViewLink or CrystalView extenders to go up to 1000 feet. Call us today to find more about the MultiVideo's unique capabilities.



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## Typical Application



**MultiVideo Models** MultiVideo is available in four different models. Choose how many computers you are using either two or four and how many video ports are on each computer either two or four. You also have a choice between PC models or multi-platform models. The multi-platform model is the most versatile. It will convert any keyboard and mouse to any other. It has direct support for PC, Apple, Sun, and Unix workstations. The PC models work with all standard PC and Unix workstations with PC-style keyboard and mouse connectors. MultiVideo can be chained together to support up to 16 computers.

**Cables** Rose's UltraCable streamlines the cable connections to MultiVideo, simplifying cable management and improving system reliability. Order the computer or user cable by the computer's keyboard, monitor, and mouse connector style and desired length. We stock a large variety of cable types in lengths up to 100 feet. You should specify standard resolution (800x600 or less) or high resolution (greater than 800x600). The connection to the extra video port connects to DB25 connectors on the MultiVideo. You can order the correct cable for PC, Apple, Sun, BNC, or any video type that you have.

**Installation** MultiVideo is easy to install. You simply connect your computer's keyboard, video ports, and mouse to MultiVideo's ports using UltraCable. Though usually not required, you can use simple keyboard commands to configure the switch and save the configuration in flash memory.

**Keyboard and Mouse** MultiVideo does full emulation of keyboard and mouse, computers can be booted at any time. It supports all operating systems such as Windows 95/98/NT/2000, Linux, Sun Solaris/Open Windows, Apple, and Unix workstations. Keyboard and mouse can be PC, Apple, or Sun. Six types of computer mice are directly supported including wheel mice. USB is supported with an inexpensive external converter cable. Apple and Sun are directly supported on multi-platform units only.

**Flash Memory** MultiVideo contains flash memory which simply means it will never become obsolete. Rose Electronics provides free lifetime firmware upgrades. They are available from our FTP site via the Internet. It is simply matter of loading in new firmware into the MultiVideo to add new features and support new equipment.

**Advanced Visual Interface Option** You can add an optional Advanced Visual Interface on-screen display card to MultiVideo. The interface is intuitive since it uses pop-up boxes to make selections. Help lines are shown for each item to make the interface even more user-friendly. You can easily configure the computer names, security,

appearance, screen saver, and many other features with ease and style. Use the AVI to configure the unit, connect to computers by name, and see which computer you are connected to.

**Other Options** To locate your computer, keyboard, monitor, or mouse further than 20 feet, use our coax high-resolution cables, ViewLink™ extenders, or CrystalView™ extenders to go as far as 1000 feet. Rack mount kits are available for 19", 23", or 24" racks.

### Part Numbers

#### PC version M chassis

MPM-2U2V 2 CPUs to 1 keyboard, 1 mouse, and 2 monitors

#### PC version B chassis

MPB-4U2V 4 CPUs to 1 keyboard, 1 mouse, and 2 monitors

#### PC version C chassis

MPC-2U4V 2 CPUs to 1 keyboard, 1 mouse, and 4 monitors

MPC-4U4V 4 CPUs to 1 keyboard, 1 mouse, and 4 monitors

#### Multi-platform version M chassis

MEM-2U2V 2 CPUs to 1 keyboard, 1 mouse, and 2 monitors

#### Multi-platform version B chassis

MEB-4U2V 4 CPUs to 1 keyboard, 1 mouse, and 2 monitors

#### Multi-platform version C chassis

MEC-2U4V 2 CPUs to 1 keyboard, 1 mouse, and 4 monitors

MEC-4U4V 4 CPUs to 1 keyboard, 1 mouse, and 4 monitors

#### Options

/OV On-screen display option (add to part number)

### Specifications

Size:	M chassis	8.8" x 4.85" x 1.75"
		22.3 x 12.3 x 4.4 cm.
	B chassis	16.7" x 4.85" x 1.75"
		42.4 x 12.3 x 4.4 cm.
	C chassis	16.7" x 4.85" x 3.50"
		42.4 x 12.3 x 8.9 cm.
Weight	2/4 port, M chassis	4 lb. (1.8 kg.)
	8 port, B chassis	6 lb. (2.7 kg.)
	4/8 port, C chassis	7 lb. (3.2 kg.)
	12/16 port, C chassis	8 lb. (3.6 kg.)
Power	Auto Switching, 90 - 240 VAC, 60 watts	
Connectors	Power: IEC 320 standard receptacle	
	CPU/KVM connector: DB25 female	
	RS232: RJ45 6 conductor	
	Video ports: DB25	
Video bandwidth	250 Mhz	
Video sync	Accepts HV, composite, and sync-on-green	
Rack mount option	19", 23", or 24"	
Chassis	Electro galvanized steel, black powder coated	
Controls	Lighted Power On / Off Switch	
Indicators	LEDs: Power, 4-16 select, 4-16 CPU power	
Environmental	0 - 55° C, 5%-80% non-cond. relative humidity	
Approvals	UL, cUL, TUV, CE	



Rear view of MultiVideo, model # MPB-4U2V



Rear view of MultiVideo, model # MPC-4U4V

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