



## Multiscreen - Dual, Tri, or Quad Video DVI Switch

1x4 Dual, Tri, and Quad models

Switch to dual, tri, or quad head video simultaneously.

Supports video resolutions up to: 2K (2048 x 1080) / WQXGA (2560 x 1600)

Supports DVI-I Dual Link operation

USB 2.0 Hi Speed device support

Stereo audio selection and switching

## Features and Benefits

- Full dual link DVI video support
- Available models:
  - 1x4 dual-link Dual, Tri, or Quad DVI-I video
- Resolutions up to 2560 x 1600
- Select a computer using the front panel switches, hotkeys, or the mouse buttons
- Switch dual link digital video up to 300 Mpixels/sec
- Front panel indicator shows the currently active channel, which peripherals are switched to the active channel, keyboard and mouse activity, and power
- Digital or analogue video support (Analogue requires a converter)
- Supports a wide range of USB 2.0 peripherals (HID and Transparent devices)
- RS232 serial port for upgrades to the units firmware, synchronizing Vista DVI units so multiple computers/video screens can be switched and accessed
- Remote serial port switching
- Flash upgradeable

## The MultiVideo DVI Advantage . . .

The MultiVideo DVI is the ideal addition to your video switching environment where dual, tri, and quad head computer video's need to be switched simultaneously to remote monitors.

The MultiVideo DVI support both digital and analog video, USB keyboards and mice, even specialty keyboards and mice, audio, and two USB 2.0 peripherals.

Switching can be performed where the KVM, USB peripherals, and audio are all switched together to a selected CPU port or you can switch the KVM to CPU port #1, the USB peripherals to CPU port #2, and the audio to CPU port #4.

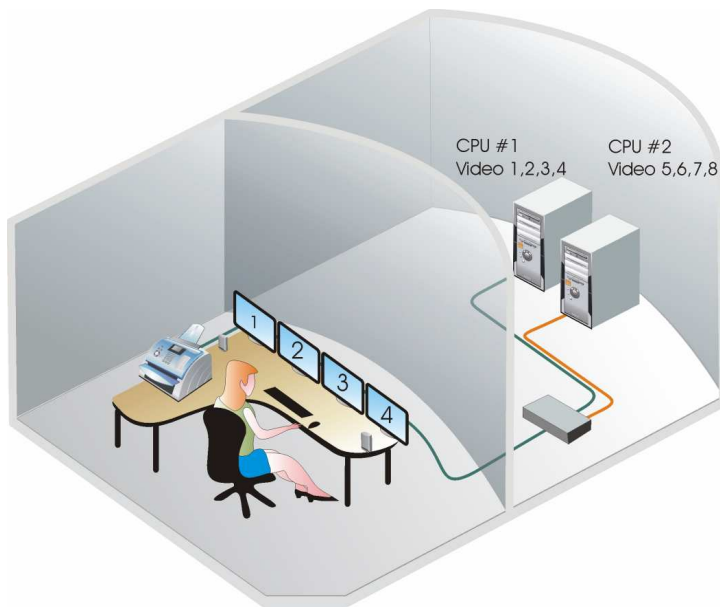
The versatility of MultiVideo DVI makes selective switching easy using either the front panel display, hotkey sequences, or sending serial switching commands from a remote computer via a serial cable.

The MultiVideo DVI can be connected to an additional unit and synchronized to switch video from multiple computers. When a switching command is sent to the master unit, it sends the same switching command to the secondary unit. Both units are switched to the same CPU port and video is displayed on all of the connected monitors.



Independent or simultaneous switching of KVM and peripherals

## Typical Application



**Models:** The MultiVideo DVI is available in three models;

- 1 x 4 Dual
- 1 x 4 Tri
- 1 x 4 Quad

All models offer hotkey switching and front panel selection and switching.

**Cables:** The cables needed are ;

DVI MM video cable – MultiVideo DVI to computer(s)  
USB Type A-B – MultiVideo DVI to computer USB port  
3.5mm audio – MultiVideo DVI to computer audio port

**Installation:** Installation of the MultiVideo DVI is an easy and simple process. Simply connect the DVI MM cables from the assigned CPU video ports (1-4), along with a corresponding USB Type A/B cable to the corresponding ports on the MultiVideo DVI unit. Directly connect your USB keyboard, mouse, monitor, speakers, and 2 supported USB 2.0 peripherals to the user console ports.

**Operation:** Operating the MultiVideo DVI can be performed using the front panel display and switches, hotkey commands from the local keyboard, or sending serial commands to the "Option" port on the unit from a remote computer. The front panel display can be used to switch any connected computer's keyboard, monitor, mouse, USB ports and speakers to the user console. The mode button selects which peripherals are switched to a computer. These peripherals can be switched collectively or linked to separate systems.

**USB devices:** All models supports up to two USB 2.0 devices.

## Specifications

Part Number	Description
MDM-4T2DDL/A1	1x4 Dual-Video
MDM-4T3DDL/A1	1x4 Tri-Video
MDM-4T4DDL/A1	1x4 Quad-video

(All models feature Dual-Link video, USB 2.0, and Audio support)

### Dimensions:

Width (in / cm)	Depth (in / cm)	Height (in / cm)	Weight (lbs / kg)
10.24 / 26	5.9 / 15	3.94 / 10	5.0 / 1.87

### Video:

Dual link	DVI-I
Resolution	2K (2048x1080) WQXGA (2560 x 1600)

### Connectors:

DVI in / out	DVI-I female
Keyboard	USB Type A
Mouse	USB Type A
Audio	3.5mm Female audio jack
USB2.0	Type A – Peripherals (2) Type B – To Computer (1) Power Male barrel jack

### Controls:

Front Panel push buttons (Computer / Mode)

### Power:

Adapter 100 – 240 VAC 50/60 Hz /  
+5 VDC / 2A(1x4) - 4A(1x8)

**Operating Temp.** 32°F - 104°F (0°C - 40°C)

**Approvals:** CE, FCC

## Rear Panel

### MultiVideo 1x4



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DS-MVDVI 2.4

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