

# VIDMUX® VIDEO SWITCH WITH OPTIONAL AUDIO AND RS232

Share one DVI monitor among multiple video sources

## Available options:

- **RS232**
- **Audio**



VIDMUX® SE-DVI-2 (Front & Back)

## Features & Applications

The VIDMUX® DVI video switch enables one DVI-D TV/monitor to be switched between two single link digital DVI video sources.

- Supports DVI interface for crisp and clear video quality on flat panel display.
- Supports HDTV resolutions up to 1080i and computer resolutions to 1600x1200.
- Saves power by switching to “sleep” mode when no video signal is available.
- Eliminates redundant video displays.
- Control via front panel push buttons or optional RS232 control.
- High quality, rugged steel construction with durable powder coat finish.
- Available with optional stereo audio.

## Specifications

### Video Input

- Female DVI-I connectors.
- Compatible with computers and HDTV video sources (satellite receivers, DVD players, etc) with single link digital DVI outputs.
- Multiplatform support: Windows 2000/XP/Vista, Server 2000/2003/2008, Solaris, Linux, FreeBSD, and MAC OS 9/10.

### Video Output

- Female DVI-I connector.
- Single link DVI-D signal.
- Video bandwidth: 165 MHz.
- Supports HDTV resolutions to 1080i and computer resolutions to 1600x1200.

### Power

- 110 or 220 VAC at 50 or 60 Hz via AC Adapter.
- Power consumption: 5W.

### MTBF

- 69,209 hrs

### Dimensions

- WxDxH (in): 5.7x4.5x1.8

### Enclosure

- Electro-galvanized steel, powder coated.

### Cables

- Use DVI-IS-xx-MM DVI-I interface cables between the video source/display and the switch for proper operation.
- Cables not included.

### Environmental

- Operating temperature: 32°F to 100°F (0°C to 38°C).
- Storage temperature: -20°F to 140°F (-30°C to 60°C).
- Operating and Storage Relative Humidity: 17 to 90% non-condensing RH.

### Regulatory Approvals

- CE, RoHS

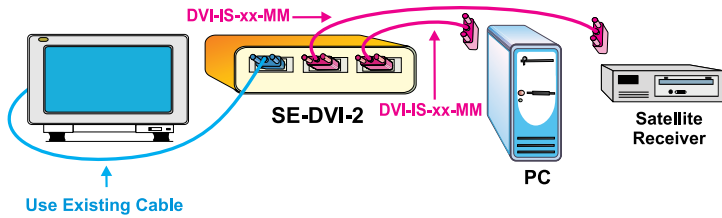
### Warranty

- Two years

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## Configuration and Cable Illustration



## DVI Video Switch Models (2 Ports)

NTI Part#	Description
SE-DVI-2	DVI Switch
SE-DVI-2-RS	DVI Switch, RS232 Control
SE-DVI-2A	DVI Switch, Audio Option

## Audio Option

- 3.5mm stereo audio jacks for inputs and output.
- Maximum input/output levels: 4Vp-p (line level).
- Input impedance: 10k Ohms.
- Output impedance: 32 Ohms.
- Signal-to-Noise Ratio (SNR): 87 dBA
- Frequency Response: 20 Hz to 20 kHz, +/-0.5 dB.
- Total Harmonic Distortion + Noise: 0.02% at 1kHz.
- Requires powered speakers or headphones.
- CD quality audio output.

## Control Methods

- Touch buttons on front panel with LED indication of port selection.
- RS232 Control Option:
  - Female DB9 connector.
  - Baud rate 300 through 9600.



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