

VGA Video Switch with Audio and RS232 Control Options

VIDMUX®

Share one monitor among multiple PCs.

- Compatible with PCs, SUNs and MACs with VGA video.
- Eliminate redundant monitors.
- Ideal for classrooms and boardrooms.
- Interconnect NTI switches & splitters for complex applications.
- Available with audio and/or RS232 control options.
- Monitors and speakers are hot-pluggable.
- Rackmount kit included with the 4/8-port video-only models and the 4/8/16-port audio/video models. Optional rackmount case available for the 16-port video-only switch.



VIDMUX® SE-AV-8-RS (Front & Back)

The VIDMUX® VGA video switch enables up to 16 computers to be connected to a single video monitor, projector or LCD/plasma screen.

Specifications

For 2-port Models

Video

- Crisp and clear 1900x1200 resolution.
- Bandwidth: 150 MHz.
- 15-pin HD connectors (See ordering specifications for gender.)

Power

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

Control

- Touch button on front with LED indication of port selection.
- Optional RS232 control.

MTBF

- SE-15V-2-2C1U: 88,015 hrs
- SE-15V-2-2U1C: 88,231 hrs

Regulatory Approvals

- CE, RoHS

Dimensions

- WxDxH(in): 8x6.2x2.6

For 2-port-TTL Models

Video

- Crisp and clear 1900x1200 resolution.
- Bandwidth: 150 MHz.
- 15-pin HD connectors (See ordering specifications for gender.)

Power

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

Control

- Female 9-pin D connector for remote control.
 - Pin 1 = Ground.
 - Pin 2 = TTL or contact closure signal.

MTBF

- SE-15V-2-2C1U-TTL: 87,403 hrs
- SE-15V-2-2U1C-TTL: 87,616 hrs

Regulatory Approvals

- CE, RoHS

For 4-16 Port Models

Video

- Crisp and clear 1900x1200 resolution.
- Bandwidth: 150 MHz.
- Female 15-pin HD connectors.

Power

- 110 or 220 VAC at 50 or 60 Hz via IEC connector.
- Power consumption:
 - 4-port and 8-port: 5W
 - 16-port: 10W

Control

- Touch buttons on front with LED indication of port selection.
- Scan Mode automatically and sequentially displays the video from each powered-on computer.
- Optional RS232 control.

MTBF			
NTI Part #	Hours	NTI Part #	Hours
SE-15V-4-L	81,837	SE-15V-8-RS	73,669
SE-15V-4-RS	79,445	SE-15V-16-L	71,329
SE-15V-8-L	75,871	SE-15V-16-RS	72,276

Dimensions

- SE-15V-4-L/RS and SE-15V-8-L/RS WxDxH (in):
 - 10.9x6x1.75 (without supplied rackmount kit)
 - 19x6x1.75 (with supplied rackmount kit)
- SE-AV-4-L/RS and SE-AV-8-L/RS WxDxH (in):
 - 15.3x6x1.75 (without supplied rackmount kit)
 - 19x6x1.75 (with supplied rackmount kit)
- SE-15V-16-L/RS WxDxH (in): 10.9x6x3.5
- SE-15V-16-L/RS-R WxDxH (in): 19x6x1.75
- SE-AV-16-L/RS WxDxH (in):
 - 15.3x6x3.5 (without supplied rackmount kit)
 - 19x6x3.5 (with supplied rackmount kit)

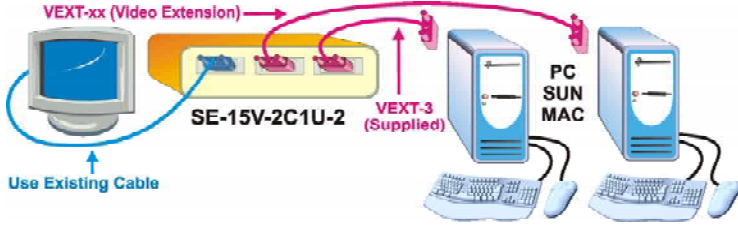
Regulatory Approvals

- CE, RoHS

VGA Video Switch with Audio and RS232 Control Options **VIDMUX®**

Share one monitor among multiple PCs.

Configuration and Cable Illustration



Audio Option

- 3.5mm stereo audio jacks for inputs and output.
- Input impedance: 10k Ohms.
- Maximum input level: 2.5 Vp-p.
- Maximum load: 32 Ohms.
- Signal-to-Noise Ratio (SNR): >92 dBA
- Frequency Response: 20 Hz to 20 kHz, ±0.5 dB.
- Total Harmonic Distortion + Noise: <0.06% at 1kHz.
- Requires powered speakers or headphones.
- CD quality audio output.

Ordering Specifications

This example explains the VIDMUX (2-port) switch part number by breaking it down into the available options. When ordering, choose the options that you require.

Number of Computers
and Monitors
SE - 15V - 2 - 2C1U - TTL
 Option
SE - 15V - 2 - 2C1U - TTL
 2C1U = 2 Computers, 1 Monitor TTL = TTL Control Method
 2U1C = 2 Monitors, 1 Computer A = Audio
 RS = RS232

VGA Video Switch Models (2 Ports)

NTI Part#	Description	15 HD Connectors
SE-15V-2-2C1U	2 Computers, 1 Monitor	2 Male, 1 Female
SE-15V-2-2U1C	2 Monitors, 1 Computer	2 Female, 1 Male

This example explains the VIDMUX (4-, 8-, or 16-port) switch part number by breaking it down into the available options. When ordering, choose the options that you require.

Video-Only or
Audio/Video
Switch Number
of
Inputs Local
Control
Method Optional
Control
Method Optional
Rackmount
Enclosure
SE - 15V - X - L - RS R
 15V = Video Only "x" = 4, 8, 16 RS = RS232 Only available
 AV = Audio/Video IR = Infrared on 16-port switch

- Delete the "L" from the NTI part number for remote push button control for 4 to 16-port units.

VGA Video Switch Models (4, 8, or 16 Ports)

NTI Part#	Description	# of Ports
SE-15V-4-L	1 monitor, 4 computers	4
SE-15V-8-L	1 monitor, 8 computers	8
SE-15V-16-L	1 monitor, 16 computers	16

Audio Video Switch Models (4, 8, or 16 Ports)

NTI Part#	Description	# of Ports
SE-AV-4-L	1 monitor, 1 set of speakers, 4 computers	4
SE-AV-8-L	1 monitor, 1 set of speakers, 8 computers	8
SE-AV-16-L	1 monitor, 1 set of speakers, 16 computers	16

Cables

Cables for 2-port and -TTL Models

- A three-foot multicoax cable is provided for connecting your computer to the 2-port switch.
- Interface cables between additional computers and the switch are required for proper operation. (Cables not included.)
- Audio cables required for audio option: SA-xx-MM.

Cables for 4-16 Port Models

- Interface cables between computers and the switch are required for proper operation.
- Cables not included.