

# PRODUCT PERSPECTIVE: VIDEO MATRIX SWITCHES

## VIDEO MATRIX SWITCHES



### VEEMUX® Video Matrix Switch

The VEEMUX® SM-nXm-15V-LCD video matrix switch routes video from many computers to multiple displays (projectors, monitors, etc.) This switch can drive standard VGA cables, thus eliminating the need for external interfaces and coax cable connections via BNC connectors.

Signals from a range of input sources can be distributed to various output devices, in essence creating a “matrix” pattern of interconnection possibilities. A single computer video output can be routed to one or more monitors. Each image will be as crisp and clear as if directly connected to the original source. Each video output is buffered from each input, ensuring signal integrity throughout the system. It supports crisp and clear 1900x1200 video resolution. Complies with CE standards.

## AUDIO/VIDEO MATRIX SWITCHES



### VEEMUX® Audio/Video Matrix Switch

The VEEMUX® SM-nXm-AV-LCD audio/video matrix switch routes audio and video inputs from many computers to multiple displays (projectors, monitors, etc.) and speakers. This switch can drive standard VGA cables, thus eliminating the need for external interfaces and coax cable connections via BNC connectors.

Independently connect each input to any or all outputs. Each video output is buffered from each input, ensuring signal integrity throughout the system. Crisp and clear 1900x1200 video resolution is supported.

Stereo audio is supported, as well as volume control and separate audio/video switching. Audio inputs accept any standard line level audio; audio outputs are capable of driving 8-Ohm speakers. Complies with CE standards.



### HDTV Audio/Video Matrix Switch

The VEEMUX® SM-8X4-HDA HDTV Audio/Video Matrix Switch independently switches eight sets of YPbPr component video and analog/digital audio signals to any or all of the four outputs. Each input and output has YPbPr component video, L/ R analog audio (balanced/unbalanced), and digital audio on coax (S/PDIF).

The SM-8X4-HDA supports High Definition and Standard Definition component YPbPr video, S-Video or composite video signals; and unbalanced analog stereo, balanced analog stereo or digital S/PDIF audio signals. It supports 480i (interlaced), 480p (progressive), 720i, 720p, 1080i, and 1080p formats. Complies with CE standards.

## AUDIO/VIDEO MATRIX SWITCHES VIA CAT5



### VEEMUX® Audio/Video Matrix Switch via CAT5

The VEEMUX® SM-nXm-C5AV-LCD CAT5 audio/video matrix switch works with NTI's ST-C5x-600 CAT5 transmitters and receivers to create a high performance audio/video signal routing system with a maximum extension of 600 feet between the local and remote units. It is capable of connecting to as many as 32 video sources and 16 video displays.

A single computer audio/video output can be routed to one or more destinations. Each image will be as crisp and clear as if directly connected to the original source. Buffered video outputs and digital transmission of audio signals ensures integrity is maintained throughout the system. Crisp and clear 1024x768 resolution is supported at 600 feet; higher resolutions are supported at shorter distances up to 1920x1440. Complies with CE standards.