

Product Perspective

VIDEO MATRIX SWITCHES



DVI Video Matrix Switch

The VEEMUX® SM-nXm-DVI-LCD DVI Video Matrix Switch routes video from up to 32 single link digital DVI video sources to up to 32 displays and stereo audio speakers (with audio option). Configure and control the switch through Ethernet, serial port, front panel buttons, or IR remote. Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200 (WUXGA). Built-in default EDID configuration tables for both PC and MAC. Matrix Control Software with Graphical user Interface is included. Available with audio option. Available sizes: 4x4, 8x8, 16x16, and 32x32.



Low-Cost 4K HDMI Video Matrix Switch

The VEEMUX® Low-Cost 4K HDMI Matrix Switch routes digital 4Kx2K HDMI video and audio signals from up to eight HDMI video sources (computers, Blu-Ray players, satellite receivers, etc) to up to eight displays (monitors, 4K TV's, projectors, etc). Supports Ultra-HD 4Kx2K resolutions (4096x2160 and 3840x2160 @24/30/60Hz YUV 4:4:4) and HDTV resolutions to 1080p. HDCP 2.2 compliant. Configure and control the switch through Ethernet, RS232, front panel buttons, or IR remote control. Available sizes: 4x4 and 8x8.



4K HDMI Matrix Switch Over HDBase-T with Power Over Ethernet (PoE)

The VEEMUX® 4K HDMI Matrix Switch Over HDBase-T with Power Over Ethernet routes uncompressed digital HDMI signal and IR from eight HDMI video sources to eight displays (projectors, monitors, etc.) and speakers via inexpensive CATx cable using HDBase-T technology. It is capable of connecting to as many as eight HDMI video sources directly and eight video displays via receivers with a maximum extension of 375 feet from the switch using CAT7 cable. Power over Ethernet (PoE) provides power to all connected receivers. Supports Ultra-HD 4Kx2K resolutions to 4096x2160, HDTV resolutions to 1080p, and computer resolutions to 1920x1200. Bi-directional IR from input and output locations. HDCP compliant. Configure and control the switch through Ethernet, serial port, front panel buttons, or IR remote control.



VGA Video + Audio Matrix Switch via CAT5 to 600 feet

The VEEMUX® SM-nXm-C5AV-LCD CAT5 Audio/Video Matrix Switch works with NTI's CAT5 VGA transmitters and receivers to create a high performance audio/video signal routing system with a maximum extension of 600 feet. It is capable of connecting to as many as 32 VGA video sources via transmitters and 16 video displays via receivers using inexpensive CAT5/5e/6 cable. Configure and control the switch through Ethernet, serial port or front panel buttons. Supports resolutions up to 1920x1440. 1RU or 2RU rackmount case is standard. Matrix Control Software with Graphical User Interface is included. Available sizes: 8x8, 8x16, 16x8, 16x16, 32x8, 32x16.



VGA Video + Audio Matrix Switch via CAT5 to 1,000 feet

The VEEMUX® SM-nXm-C5AV-1000 Audio/Video Matrix Switch routes audio and video inputs from many VGA video sources to multiple displays and speakers via inexpensive CAT5/5e/6 cable. It is capable of connecting to as many as 32 VGA video sources via transmitters and 64 video displays via receivers with a maximum extension of 1,000 feet between the transmitters and receivers. Configure and control the switch through Ethernet, serial port, front panel buttons, or Infrared remote control. Supports resolutions up to 2048x1536 using NTI's 1,000' extenders and 1920x1440 using NTI's 600' extenders. Matrix Control Software with Graphical User Interface is included. Available sizes: 16x16, 16x32, 16x48, 16x64, 32x32, 32x64, 64x16, 64x32, 64x64.

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VIDEO MATRIX SWITCHES



Matrix Switch with Direct VGA Inputs & CAT5 Outputs

The VEEMUX® SM-nXm-C5AVR-LCD Audio/Video Matrix Switch with Direct-Connect VGA Inputs and CAT5 RJ45 Outputs routes audio/video signals from many computers to multiple displays and speakers. It is capable of connecting to as many as 16 video sources directly and 16 video displays via receivers with a maximum extension of 600 feet from the switch using CAT5/5e/6 cable. Configure and control the switch through Ethernet, serial port or front panel buttons. Supports video resolutions to 1920x1440. Matrix Control Software with Graphical User Interface is included. Available with audio option. Available sizes: 8x8, 8x16, 16x8, and 16x16.



VGA Video Matrix Switch

The VEEMUX® Video Matrix Switch is designed to simplify the task of routing video signals from up to 32 computers to up to 16 displays. Configure and control the switch through Ethernet, serial port or front panel buttons. Supports 1920x1200 video resolution at a refresh rate of 85 Hz. Matrix Control Software with Graphical User Interface is included. IR remote control is standard with 4- and 8-input models and optional with 16- and 32-input models. Stand-by mode for power conservation available on 4- and 8-input models. Available sizes: 4x2, 4x4, 8x2, 8x4, 8x8, 16x2, 16x4, 16x8, 16x12, 16x16, 32x2, 32x4, 32x8, and 32x16.



VGA/Audio Matrix Switch

The VEEMUX® SM-nXm-AV-LCD Audio/Video Matrix Switch is designed to simplify the task of routing audio and video signals from up to 32 computers to up to 16 displays and speakers. Configure and control the switch through Ethernet, serial port or front panel buttons. Supports 1920x1200 video resolution at a refresh rate of 85 Hz. Matrix Control Software with Graphical User Interface is included. Features break-away audio — allows audio to be switched independent of video. Available sizes: 8x2, 8x4, 8x8, 16x2, 16x4, 16x8, 16x12, 16x16, 32x2, 32x4, 32x8, and 32x16.