NETWORK TECHNOLOGIES INCORPORATED

INNOVATORS IN QUALITY IT & A/V SOLUTIONS

24x7 Remote Monitoring for Any Application

Temperature, Humidity, Liquid Detection, Power, Access Control, Live Video & Much More

Product Catalog

www.networktechinc.com

About NTI

Exceptional Quality • Reliable Performance • Innovative Technology

Company Overview

Founded in 1984, Network Technologies Inc is a leading global provider of high quality IT infrastructure management solutions. NTI provides easy-to-use IT and audio/video solutions that improve efficiency, reduce costs, and maximize space. The company designs, manufactures, and tests its own products, and provides friendly technical and sales support in Aurora OH, USA.

NTI products are used worldwide by leading companies in every industry, including manufacturing, retail, government, education, healthcare, financial services, entertainment, worship, broadcast, and telecommunications.

NTI rapidly introduces new products with state of the art technology to meet the ever-changing market demands. Most new products use an embedded Linux Operating System. Lower-cost solutions are constantly being evaluated to determine how to best meet customer needs.

About NTI Products

NTI products are easy-to-use, hardware-based solutions that are compatible with commonly available software and drivers. Each product is rigorously tested to ensure long-lasting and proper operation. Tests include functionality, burn-in, temperature, impact, and power cycling. All products are backed by a two-year warranty on all parts and labor.

Environmental Policy

NTI is committed to being environmentally responsible, and as a result is constantly improving its products, packaging and work environment to be more “green” friendly. Some of NTI’s commitments to protecting the environment include producing RoHS compliant products, reducing power consumption in new products, responsible printing, and recycling.

RoHS Compliance

NTI products are compliant with EU’s RoHS Directive 2002/95/EC, which restricts the use of certain hazardous substances in electrical and electronic equipment.

RoHS COMPLIANT 2002 / 95 / EC

Quality Policy

NTI is dedicated to delivering solutions that are of exceptional quality, reliable performance, and innovative technology. The company has implemented quality assurance systems and processes that are constantly being improved in order to meet or exceed customers’ expectations for product quality, product performance, and timely delivery of products. Examples of the company’s quality processes include using only the finest components, strict manufacturing and inventory management, properly training personnel, and keeping up with the latest in manufacturing technology.

Friendly, Responsive Customer Service & Technical Support

NTI provides complete support and the highest level of customer satisfaction to new and existing customers.

Ordering Information

Call us:
- USA & Canada: 800-RGB-TECH (800-742-8324)
- Worldwide calls: 1-330-562-7070

Fax:
- 1-330-562-1999

E-mail:
- sales@ntigo.com

Website:
- www.networktechinc.com
- Most products can be ordered on our website.

We Ship Worldwide

Payment Terms:
- Visa, MasterCard, Discover, American Express, PayPal
- Net30, pending approved credit
- Wire Transfer ▸ Prepaid or COD

US Government Orders:
- We are an approved GSA supplier, contract #GS-35F-0512K
- Visit www.networktechinc.com/gsa.html for details.

International Orders:
- Contact one of our international distributors or contact us directly; see the inside back cover or go to www.networktechinc.com/intldist.html for complete list.

Environment Monitoring Systems — ENVIROMUX®

Enterprise Environment Monitoring Systems . . . 4
Low-Cost Environment Monitoring Systems . . . 4-5
Micro Environment Monitoring System with 1-Wire Sensor Interface . . . 5
Secure Remote Power Control Units . . . 5
Low-Cost Remote Power Reboot Switch . . . 5

Multiviewers — SPLITMUX®

Quad Screen Splitter/Multiviewers . . . 6
Quad Screen Splitter/Multiviewers with Built-In KVM Switch . . . 6

Extenders — XTENDEX®, VOPEX®

Point to Point

HDMI HDBase-T Extenders . . . 7
HDMI Extenders via CATx . . . 7
HDMI Extenders via Fiber . . . 8
HDMI Over IP Extenders . . . 8
DVI Extenders via CATx . . . 8-9
DVI Extenders via Fiber . . . 9
3GSDI Extenders via Fiber . . . 9
VGA Extenders via CATx . . . 10
HDMI USB KVM Extenders via CATx . . . 10-11
VGA USB KVM Extenders via CATx . . . 11
HDMI USB KVM Over IP Extenders . . . 12
USB Over IP Extender . . . 12
Transparent USB Extender with DVI Video Over Fiber . . . 12
USB Extenders via CATx . . . 12-13
VGA PS/2 KVM Extenders . . . 13-14
Rackmount Extenders (USB KVM, PS/2 KVM, VGA, HDMI) . . . 14

Point to Multi-Point

VGA USB KVM Splitter/Extender with Stereo Audio via CATx . . . 14
VGA Video/Audio Splitter/Extenders via CATx . . . 15
Industrial VGA Video/Audio Splitter/Extenders via CATx with M12 Connectors . . . 15
HDMI HDBase-T Splitter/Extenders via CATx . . . 15

Audio/Video Matrix Switches — VEEMUX®

DVI Video Matrix Switches . . . 16
HDMI Matrix Switch Over HDBase-T with Power Over Ethernet (PoE) . . . 16
Audio/Video Matrix Switches via CATx . . . 16
VGA Video Matrix Switches . . . 17
VGA Video + Audio Matrix Switches . . . 17

KVM Drawers — RACKMUX®

VGA/DVI USB + PS/2 KVM Drawers . . . 17
VGA/DVI SUN USB KVM Drawers . . . 17

KVM Switches — UNIMUX™, PRIMUX®, KEEMUX®

DVI USB KVM Switches (Single-User) . . . 18
VGA USB KVM Switches (Single-User & Multi-User) . . . 18-19
VGA KVM Switches via CATx (Single-User & Multi-User) . . . 19
VGA PS/2 KVM Switches (Single-User) . . . 19

Console Serial Switches — SERIMUX®

SSH Secure Console Switches . . . 20
Console Switches . . . 20

Video Splitters — VOPEX®

4K DVI Video Splitters . . . 20
VGA Video Splitters . . . 20

Video Switches — VIDMUX®

VGA Video Switches . . . 21
DVI Video Switches . . . 21

Video Converters

DVI to VGA Converter . . . 21
3G-SDI to DVI Converter/Extender via Fiber . . . 21

KVM Splitters — VOPEX®

VGA PS/2 KVM Splitter . . . 22
VGA USB KVM Splitter . . . 22
DVI/HDMI USB KVM Splitter . . . 22

Monitor Arms

Wall Mount LCD Arm with Keyboard/Mouse Holder . . . 22

ENVIROMUX®

ENVIROMUX-2D

Small Enterprise Environment Monitoring System

Monitor and manage environmental and security conditions over IP. Provides early warnings before critical events turn into disaster.

- Monitor and manage environmental conditions over IP.
  - Monitoring: temperature, humidity, water leaks, air flow, power, motion/intrusion/vibration, smoke/carbon monoxide and more.
- Sensors supported:
  - 2 external configurable sensors.
  - 5 digital inputs sensitive to contact closure.
  - 8 remote temperature/humidity sensors over IP.
- One output relay for control of external devices.
- Alerts via email, LEDs, alarm beacon/siren, web page, network management (SNMP), voice phone calls (via Automatic Voice Dialer System), and SMS messages (via external USB 3G modem).
- Supports IP network video cameras for live view of any facility.
- Monitor (ping) up to 64 IP network devices.
- Two USB ports for connecting USB modem or for downloading log data to USB flash drive, and one USB console port for serial terminal interface.
- Dual redundant power supplies for connection to two separate power sources. Available with optional 24VDC power.
- Security: HTTPS, SSHv2, SSLv3, IP Filtering, LDAPv3, AES 256-bit encryption, 16-character username/password authentication, user account restricted access rights.
- Linux inside.
- Available with optional internal battery backup.
- Optional intuitive graphical software provides an easy-to-use, unified interface for monitoring and configuring up to 3,000 ENVIROMUX units.

ENVIROMUX®

ENVIROMUX-5D

Medium Enterprise Environment Monitoring System

Monitor and manage environmental and security conditions over IP. Provides early warnings before critical events turn into disaster.

- Monitor and manage environmental conditions over IP.
- Sensors supported:
  - 5 external configurable sensors.
  - 5 digital inputs sensitive to contact closure.
  - 8 remote temperature/humidity sensors over IP.
  - 2 internal sensors – temperature and humidity.
- Two output relays for control of external devices.
- Alerts via email, LEDs, alarm beacon, siren, web page, network management (SNMP), voice phone calls (via Automatic Voice Dialer System), and SMS messages (via external USB 3G modem).
- Supports IP network video cameras for live view of any facility.
- Monitor (ping) up to 64 IP network devices.
- Four USB ports for connecting USB modem or for downloading log data to USB flash drive, and one USB console port for serial terminal interface.
- Dual redundant power supplies for connection to two separate power sources. Available with optional 24VDC power.
- Security: HTTPS, SSHv2, SSLv3, IP Filtering, LDAPv3, AES 256-bit encryption, 16-character username/password authentication, user account restricted access rights.
- Linux inside.
- Available with optional internal battery backup.
- Available with optional 48VDC power.
- Optional industrial model for high temperature environments up to 176°F (80°C).
- Optional intuitive graphical software provides an easy-to-use, unified interface for monitoring and configuring up to 3,000 ENVIROMUX units.

ENVIROMUX®

ENVIROMUX-16D

Large Enterprise Environment Monitoring System

Monitor and manage environmental and security conditions over IP. Provides early warnings before critical events turn into disaster.

- Monitor and manage environmental conditions over IP.
- Sensors supported:
  - 16 external configurable sensors.
  - 8 digital inputs sensitive to contact closure.
  - 8 remote temperature/humidity sensors over IP.
  - 3 internal sensors – temperature, humidity and power.
- Four output relays for control of external devices.
- Alerts via email, LEDs, alarm beacon, siren, web page, network management (SNMP), voice phone calls (via Automatic Voice Dialer System), and SMS messages (via external USB 3G modem).
- Supports IP network video cameras for live view of any facility.
- Monitor (ping) up to 64 IP network devices.
- Four USB ports for connecting USB modem or for downloading log data to USB flash drive, and one USB console port for serial terminal interface.
- Security: HTTPS, SSHv2, SSLv3, IP Filtering, LDAPv3, AES 256-bit encryption, 16-character username/password authentication, user account restricted access rights.
- Linux inside.
- Internal battery backup.
- Available with optional 48VDC or 24VDC power.
- Available with optional dual power for connection to two separate power sources.
- Optional intuitive graphical software provides an easy-to-use, unified interface for monitoring and configuring up to 3,000 ENVIROMUX units.

ENVIROMUX®

ENVIROMUX-MICRO-T

Micro Environment Monitoring System
Remote Temperature/Humidity Sensor over IP

Monitor and manage environmental and security conditions over IP. Provides early warnings before critical events turn into disaster.

- Monitor and manage environmental conditions over IP.
  - Use independently or as an IP-connected remote sensor for the ENVIROMUX-2D/5D/16D.
- ENVIROMUX-MICRO-T features:
  - 1 integrated temperature sensor
  - 2 RJ45 ports for external temperature/humidity sensors
  - 2 digital inputs sensitive to contact closure
  - Dual DC power provides dual redundancy.
- ENVIROMUX-MICRO-TRHP features:
  - 1 integrated temperature/humidity combination sensor
  - 2 RJ45 ports for external temperature/humidity sensors
  - 2 digital inputs sensitive to contact closure
  - Built-in Power over Ethernet and dual DC power provides triple redundancy.
- Alerts via email, web page, network management (SNMP), and/or SMS messages (via external USB 3G modem).
- Supports 4 IP network video cameras for live view of any facility.
- Monitor (ping) up to 4 IP network devices.
- USB port for connecting USB modem.
- Security: HTTPS, SSLv3, AES 256-bit encryption, 16-character username/password authentication, user account restricted access rights.

ENVIROMUX®

ENVIROMUX-1W

Micro Environment Monitoring System with 1-Wire Sensor Interface

Monitor and manage environmental and security conditions over IP. Supports up to 24 temperature-only 1-wire sensors or 8 temperature/humidity 1-wire sensors.

- Monitor and manage environmental conditions over IP.
  - Use independently or as an IP-connected remote sensor for the ENVIROMUX-2D/5D/16D.
- Sensor connectors:
  - 2 RJ12 ports for up to 8 temperature/humidity 1-wire sensors or 24 temperature-only 1-wire sensors.
    - Use RJ11 splitters to daisy-chain sensors.
    - The farthest sensor can be extended up to 600 feet from the ENVIROMUX-MICRO-1W.
  - 2 digital inputs sensitive to contact closure.
- Alerts via email, web page, network management (SNMP), and/or SMS messages (via external USB 3G modem).
- Supports 4 IP network video cameras for live view of any facility.
- Monitor (ping) up to 4 IP network devices.
- USB port for connecting USB modem.
- Security: HTTPS, SSLv3, AES 256-bit encryption, 16-character username/password authentication, user account restricted access rights.
- Dual redundant power supplies for connection to two separate power sources.
- Available with optional built-in Power over Ethernet.

ENVIROMUX®

ENVIROMUX-MINI-LXO

Mini Environment Monitoring System

Monitor and manage environmental and security conditions over IP. Provides early warnings before critical events turn into disaster.

- Monitor and manage environmental conditions over IP.
  - Monitoring: temperature, humidity, water leaks, air flow, power, motion/intrusion/vibration, smoke/carbon monoxide and more.
- Sensors supported:
  - 2 external temperature/humidity sensors.
  - 5 digital inputs sensitive to contact closure.
- One output relay for control of external devices.
- Alerts via email, LEDs, alarm beacon/siren, web page, network management (SNMP), voice phone calls (via Automatic Voice Dialer System), and SMS messages (via external USB 3G modem).
- Supports IP network video cameras for live view of any facility.
- Monitor (ping) up to 16 IP network devices.
- Two USB ports for connecting USB modem or for downloading log data to USB flash drive, and one USB console port for serial terminal interface.
- Security: HTTPS, SSHv2, SSLv3, IP Filtering, LDAPv3, AES 256-bit encryption, 16-character username/password authentication, user account restricted access rights.
- Linux inside.
- Available with optional internal battery backup.
- Optional industrial model for high temperature environments up 167°F (75°C).

ENVIROMUX®

IPDU-S8-P15

Secure Remote Power Control Unit with Environmental Monitoring

Securely control power on/off/reboot to a server, router, web cam, firewall or other remote devices over IP.

- Three operating modes for power reboot:
  - Manual – select the outlet and turn the power on/off.
  - Scheduled – set date/time/duration of power cycle.
  - Associated – power on/off a device when a sensor goes out of range of a user-defined threshold, or reboot unresponsive IP devices.
- Security: HTTPS, SSHv2, SSLv3, TLS (4/8-port models only), IP Filtering, LDAPv3, AES 256-bit encryption, 16-character username/password authentication, user account restricted access rights.
- Configure, control and monitor the unit via Web interface or Command Line Interface (CLI).
- Current, line voltage, line frequency, power factor monitoring (4/8-port models only).
- Monitor (ping) up to eight IP network devices.
- Supports two environmental sensors, including: temperature, humidity, and water detection.
- Sends alert notifications via email, syslog, LEDs, Web page, and SNMP.
- Overload protection via circuit breaker (4/8-port models only).
- Features Normally Open (NO) relay contacts.
  - Optional Normally Closed (NC) available on 4/8-port units.
- Optional intuitive graphical software provides an easy-to-use, unified interface for monitoring and configuring up to 3,000 ENVIROMUX units.
- Available sizes: 2-, 4-, and 8-port.

ENVIROMUX®

PWR-RMT-RBT-LC

Low-Cost Remote Power Reboot Switch with IEC320 C13 Outlet

Remotely control power on/off/reboot to a server, router, web cam, firewall or other remote device over IP.

- Remotely reboot and control power (on/off) to a server or other powered device over IP.
- Auto-scheduler allows for scheduling power on/off/reboot events.
- Easy-to-use web interface makes it easy to control power from anywhere in the world.
- Multiple control options: Web interface, AutoPing, Telnet, DxP.
  - The DxP protocol allows developers to design and integrate the PWR-RMT-RBT-LC into custom applications.
- Auto-ping up to 2 IP addresses:
  - Local ping: automatically reboots device if there is no response.
  - Remote ping: pings a remote host and powers up alarm or connected device when there is no response.
- Dual password protection with separate user and administrator passwords.
- A Windows batch file can be used to automatically power on/off/reboot the device.
- Protocols: HTTP, TCP/IP, DHCP, Built-in Telnet server, DxP Messaging Protocol, Auto-ping TCP Protocol.
- Power switching: up to 12 Amps at 105-125 VAC, 10 Amps at 210-240 VAC.

SPLITMUX®

SPLITMUX-4K-4RT

4K HDMI Quad Screen Splitter/Multiviewer

Display real-time video from four HDMI sources simultaneously on a single display – supports 4Kx2K, 1080p, and 2560x1600 output resolutions.

- Quad, Picture in Picture, Full Screen, and Custom display modes.
  - Custom Display Mode: the size, position and selection of any or all windows are customizable.
- Supported resolutions:
  - Inputs: 2K resolution 2048x1080, HDTV resolutions to 1080p and computer resolutions to 1920x1200.
  - Output:
    - Quad and Full mode: Ultra-HD 4Kx2K resolutions to 3840x2160 (60Hz) and 4096x2160 (60Hz), 2K resolution 2048x1080, HDTV resolutions to 1080p, and computer resolutions to 2560x1600.
    - PiP and Custom mode: 2K resolution 2048x1080, HDTV resolutions to 1080p and computer resolutions to 1920x1200.
  - Independent video in to video out resolution.
- HDCP compliant.
- Zoom, pan, and crop the image from any source to focus on key areas.
- Control the multiviewer through Ethernet, RS232 serial port, on screen display (OSD), front panel buttons, or IR remote.
- Switch audio independently of video from connected HDMI sources.
- Cascade multiviewers to display video from any number of video sources on one screen.
- Available options: desktop unit, 1RU rackmount unit, dual side-by-side rackmount units in 1RU.

SPLITMUX®

SPLITMUX-HD-4RT

HDMI Quad Screen Splitter/Multiviewer

Display real-time video from four HDMI/DVI sources simultaneously on a single display – supports 2K, 1080p and 1920x1200 input/output resolutions.

- Quad, Picture in Picture, Full Screen, and Custom display modes.
  - Custom Display Mode: the size, position and selection of any or all windows are customizable.
- Supports 2K resolution 2048x1080, HDTV resolutions to 1080p, and computer resolutions to 1920x1200.
  - Independent video in to video out resolution.
- HDCP compliant.
- Fluid, real-time video performance with 60 frames per second (fps) in all four quadrants.
- Zoom, pan, and crop the image from any source to focus on key areas.
- Control the multiviewer through Ethernet, RS232 serial port, on screen display (OSD), front panel buttons, or IR remote.
- Switch audio independently of video from connected HDMI sources.
  - Multiple audio sources can be simultaneously active in any display mode.
- A customized text label can be added for each video window to provide easy input identification (UMD).
- Cascade multiviewers to display video from any number of video sources on one screen.
- Backup and restore multiviewer configurations.
- Available options: desktop unit, 1RU rackmount unit, dual side-by-side rackmount units in 1RU.

SPLITMUX®

SPLITMUX-USBHD-4RT

HDMI Quad Screen Splitter/Multiviewer with Built-In KVM Switch

Display video from four HDMI/DVI computers simultaneously on a single monitor. Switch to and control any of the four computers while monitoring the other three connections in real time.

- Quad, Picture in Picture, Full Screen, and Custom display modes.
  - Custom Display Mode: the size, position and selection of any or all windows are customizable.
- Switch one of the four attached computers to a shared USB keyboard and mouse for operation.
- Supports 2K resolution 2048x1080, HDTV resolutions to 1080p, and computer resolutions to 1920x1200.
  - Independent video in to video out resolution.
- HDCP compliant.
- Fluid, real-time video performance with 60 frames per second (fps) in all four quadrants.
- Zoom, pan, and crop the image from any source to focus on key areas.
- Control the multiviewer through Ethernet, RS232 serial port, keyboard/mouse commands, on screen display (OSD), front panel buttons, or IR remote.
- Switch audio independently of video from connected HDMI sources.
- Built-in 2-port USB hub – switch devices between connected computers.
- Compliant with USB 2.0 (high-speed and low/full speed) standards.
- Cascade multiviewers to display video from any number of computers on one monitor.
- Available options: desktop unit, 1RU rackmount unit, dual side-by-side rackmount units in 1RU

SPLITMUX®

SPLITMUX-DVI-4RT

DVI/VGA Quad Screen Splitter Multiviewer with Built-In KVM Switch

Display video from four computers simultaneously on a single monitor.

- Quad, Picture in Picture, Full Screen, Dual, Fade Through Black, and Win display modes.
  - Quad mode: the screen is split into four fields of equal size.
  - Full screen mode: one video source is displayed in full screen size.
  - PIP mode: the full screen display of one video source is accompanied by one or three thumbnails of the other video sources.
  - Dual mode: the left halves of the full screen images from two video sources are displayed side by side at full size.
  - Fade Through Black Mode: the previous image fades out to black, and the next image fades in from black when switching sources/modes.
  - Win mode (SPLITMUX-DVI-4RT only): each video source is displayed in its own separate, detached window.
- Switch one of the four attached computers to a shared keyboard and mouse for operation and to four additional USB devices.
- Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200.
- Supports digital DVI and analog VGA.
  - Accepts analog and digital video signals simultaneously.
- HDCP compliant (SPLITMUX-DVI-4RT only).
- Fluid, real-time video performance with 60 frames per second in all four quadrants (SPLITMUX-DVI-4RT only).
- Control the multiviewer through the front panel interface, keyboard/mouse commands, on screen display (OSD), or RS232.
- Compliant with USB 2.0 (high-speed and low/full speed) standards.

XTENDEX®

ST-C6HD-HDBT-LC

Low-Cost HDMI HDBase-T Extender

Extend HD 1080p, Multi-channel Audio, Ethernet, and IR up to 328 feet using CATx cable.

- Transmits an uncompressed high speed HDMI signal over one CATx cable.
- Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200.
- Features two Ethernet ports on the transmitter and receiver for connecting standard network devices such as 100Base-T routers, hubs, smart TVs, and smart Blu-Ray players.
- Full Infrared Remote (IR) control of HDMI source or display. IR transport channel can be forward or backward.
- HDMI features supported: 36-bit Deep Color; x.v.Color; Dolby TrueHD, DTS-HD Master Audio, Dolby Digital, DTS 7.1 and LPCM; 3D; Bandwidth up to 3.4GHz; Support for CEC compatible devices; Lip Sync
- HDCP compliant.
- Supports the DDC2B protocol.

XTENDEX®

ST-C6HDE-HDBT

HDMI HDBase-T Extender with IR & Optional RS232/Ethernet

Extend HD 1080p, multi-channel audio, IR, optional RS232/Ethernet up to 600 feet over HDBase-T technology.

- Transmits an uncompressed high speed HDMI signal over one CATx cable.
- Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200.
  - Extend to 450 feet with solid CAT5e/6 cable.
  - Extend to 600 feet with solid CAT6a/7 cable (23 AWG).
- Full Infrared Remote (IR) control of HDMI source from remote HDTV using existing source remote control.
- Only one power supply is necessary to power both the local and remote units.
- HDMI features supported: x.v.Color, sYCC601 color, Adobe RGB Color and Adobe YCC601 color; Dolby TrueHD, DTS-HD Master Audio, Dolby Digital, DTS; Bandwidth up to 154 MHz (3.76 Gbps); Support for CEC compatible devices; Lip Sync.
- HDCP compliant.
- Supports the DDC2B protocol.
- Available options: bi-directional RS232 + Ethernet, SPDIF digital audio, stereo audio.
  - Optional Ethernet port on transmitter/receiver for connecting network devices such as 100Base-T routers, hubs, smart TVs or smart Blu-Ray players.

XTENDEX®

ST-C6HD-150-LC

Low-Cost HDMI Extender via One CATx

Extend an HDMI display up to 150 feet away from the source.

- Transmits an HDMI signal over a single CATx cable.
- Supports HDTV resolutions to 1080p.
- HDMI features supported: Up to 36-bit Deep Color; 3D video; Dolby TrueHD and DTS-HD Master Audio; Bandwidth up to 225 MHz (6.75 Gbps).
- HDCP compliant.
- Built-in default EDID table.

XTENDEX®

ST-C5HD-MINI-ULC

Low-Cost Mini HDMI Extender via Two CAT5e/6/6a

Extend an HDMI display up to 150 feet.

- Transmits an HDMI signal over two CAT5e/6/6a cables.
  - Extend up to 100 feet with CAT5e/6 UTP cable.
  - Extend up to 150 feet with CAT6a UTP cable.
- Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200.
- HDMI features supported: 24-bit Deep color; DTS® Digital, DTS-HD Master Audio™, Dolby TrueHD™, LPCM; Bandwidth up to 165 MHz (1.65 Gbps).
- HDCP compliant.
- No power supply is necessary.
- Compact size.

XTENDEX®

ST-FOHD-SC50

HDMI Extender via One SC Multimode Fiber Optic Cable

Extend an HDMI display up to 980 feet (300 meters).

- Signal transmission via single-strand multimode SC fiber optic cable – no RF interference.
- Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200.
- HDMI features supported: 12-bit Deep Color; Dolby TrueHD, DTS-HD Master Audio, Dolby Digital, and DTS; Bandwidth up to 3.5 Gbps per channel.
- Supports full 60 fps video.
- HDCP compliant.
- Supports the DDC2B protocol.
- Cables can be installed in conduit prior to extender installation.
- Only one power supply is necessary to power both the local and remote units.

XTENDEX®

ST-IPHD-LC

Low-Cost HDMI Over Gigabit IP Extender

Extend an HDMI display up to 330 feet away from the source.

- Transmits an HDMI signal over one CATx cable.
- Broadcast real-time HDMI and audio signals to multiple display locations with a managed or unmanaged network switch.
- Local and remote units can be connected together for a Point-to-Point connection via CATx or a Point-to-Many connection via a network switch.
  - Support for multiple transmitters requires a managed network switch.
  - Local and remote units must be in the same LAN. The units do not support WAN connections.
  - Cascade managed network switches up to 3 levels, allowing the farthest display to be located up to 1,000 feet away from the source device. Each receiver can be located up to 330 feet away.
- Supports HDTV resolutions to 1080p.
- Supports 10/100/1000 Ethernet connection.
- Web interface for changing IP addresses, firmware updates and resetting units to factory default settings.
- HDCP compliant.
- Supports the DDC2B protocol.
- Built-in default EDID table.

XTENDEX®

ST-IPHDMI-R-2G

HDMI Over Gigabit IP Extender

Extend an HDMI display up to 333 feet away from the source over a 1000Base-T gigabit network.

- Transmits an HDMI signal over one CATx cable.
- Broadcast real-time HDMI and audio signals to multiple display locations with a managed or unmanaged network switch.
- Local and remote units can be connected together for a Point-to-Point connection via CATx or a Point-to-Many connection via a network switch.
  - Local and remote units must be in the same LAN. The units do not support WAN connections.
  - Support for multiple transmitters requires a managed network switch with VLAN/IGMP support.
  - One transmitter can connect up to 200 receivers using cascaded managed network switches.
  - Cascade managed switches up to 3 levels, allowing the farthest display to be located up to 1,000 feet away from the source device. Each receiver can be located up to 333 feet from the managed switch.
- Supports HDTV resolutions to 1080p.
- HDCP compliant.
- Customizable EDID table on local unit.
- Supports video wall installations from 1x2 to 8x8 screens.
- Supports 2-way RS232 commands.

XTENDEX®

ST-C5DVI-MINI

Low-Cost Mini DVI Extender via One CATx

Extend a DVI display up to 100 feet.

- Transmits a single link digital DVI signal over one CATx cable.
- Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200 (WUXGA).
  - Resolution varies depending on distance and type of CATx cable used.
- Transmitter and receiver units are interchangeable.
- No power supply is necessary.
- DVI 1.0 compliant.
- Built-in default EDID configuration tables.
- Compact size.

XTENDEX®

ST-C6DVIA-IR-300

DVI Extender with IR and Optional Stereo Audio via One CATx

Extend a single link digital DVI display and IR signal up to 300 feet.

- Transmits DVI and IR signals over one CATx cable.
- Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200.
  - Resolution varies depending on distance and type of CATx cable used.
- Full IR control of DVI source from remote HDTV using existing source remote control.
- Available with optional stereo audio.
- HDCP compliant.
- Supports the DDC2B protocol.
- Only one power supply is necessary to power both the local and remote units.
- Mounting brackets included for easy surface/wall mounting.

XTENDEX®

ST-2FODVI-LC

DVI Extender via Two Singlemode or Multimode Fiber Optic Cables

Extend a single link digital DVI display up to 4,920 feet (1,500 meters).

- Signal transmission via two-strand singlemode or multimode LC fiber optic cable – no RF interference.
  - Using singlemode cable, extend to 4,920 feet (1,500 meters).
  - Using multimode cable, extend to 1,640 feet (500 meters).
- Supports computer resolutions to 1920x1200.
- EDID learning for the support of any DVI display device.
- Supports the DDC2B protocol.
- Small form factor – allowing for easy connection and placement.
  - Cables can be installed in conduit prior to extender installation.
- Low RFI/EMI for sensitive applications.

XTENDEX®

ST-FODVI-LC

DVI Extender via Four Multimode Fiber Optic Cables

Extend a single link digital DVI display up to 3,280 feet (1,000 meters).

- Signal transmission via four-strand multimode LC fiber optic cable – no RF interference.
- Supports computer resolutions to 1920x1200.
- EDID learning for the support of any DVI display device.
- Small form factor – allowing for easy connection and placement.
  - Cables can be installed in conduit prior to extender installation.
- RGB and Clock signals are transmitted separately by multimode optical fiber.

XTENDEX®

ST-FO3GSDI-LC

3GSDI Extender via One Singlemode LC Fiber Optic Cable

Extend a 3G/HD/3G-SDI display up to 6.2 miles (10 kilometers).

- Signal transmission via one simplex singlemode LC fiber to 6.2 miles (10 kilometers).
  - Optical wavelength: 1310 nm.
- Simultaneously transmits to two SD/HD/3G-SDI displays at the receiver.
- Supports a local display via loop out SDI connector.
- Supports HDTV resolutions to 1080p.
- Small form factor – allowing for easy connection and placement.
  - Cables can be installed in conduit prior to extender installation.

XTENDEX®

ST-C5V-300

VGA Video Extender with Optional Audio via CATx: Extend to 300 Feet

Extend a VGA monitor up to 300 feet away from a computer.

- Transmits VGA video over one CATx cable.
- Supports resolutions to 1920x1440.
  - Resolution varies depending on distance and type of CATx cable used.
- Supports local and remote VGA monitors.
- Available with optional stereo audio.
  - Stereo audio can be heard both locally and remotely.
- Video quality adjustment for different lengths of CATx cable is done manually.
- Built-in surge protection.
- Integrated mounting brackets for easy surface/wall mounting.
- Optional VESA mounting bracket is available for mounting the local or remote unit to the back of a flat panel monitor.

XTENDEX®

ST-C5VRS-600

VGA Video Extender with Optional Audio or RS232 via CATx: Extend to 600 Feet

Extend a VGA monitor up to 600 feet away from a computer.

- Transmits VGA video over one CATx cable.
- Supports resolutions to 1920x1440.
  - Resolution varies depending on distance and type of CATx cable used.
- Supports local and remote VGA monitors.
- Optional stereo audio available.
  - Stereo audio can be heard both locally and remotely.
- Optional RS232 control available.
  - Supports TXD, RXD, DTR, DSR, CTS and RTS.
  - Support for a touch screen monitor.
- Video quality adjustment for different lengths of CATx cable is done manually for the video-only extender, and automatically for audio/video or video/RS232 extender.
- Built-in surge protection.
- Optional 2-port local unit available – extend two remote units up to 600 feet.
  - Local VGA monitor not available on 2-port local units.
  - Two RJ45 connectors for connecting two remote units.
  - The monitors connected to each remote unit simultaneously display the same image.
- Optional VESA mounting bracket is available for mounting the remote unit to the back of a flat panel monitor.

XTENDEX®

ST-C5V-1000S

VGA Video Extender with Optional Audio &/or RS232 via CATx: Extend to 1,000 Feet

Extend a VGA monitor up to 1,000 feet away from a computer.

- Transmits VGA video over one CATx cable.
- Supports resolutions to 2048x1536.
  - Resolution varies depending on distance and type of CATx cable used.
- Supports local and remote VGA monitors.
- Optional two-way audio available.
  - Stereo audio can be heard both locally and remotely.
  - Microphone can be used locally and remotely, user selectable.
- Optional RS232 control available.
  - Supports TXD, RXD, DTR, DSR, DCD, CTS and RTS.
  - Support for a touch screen monitor.
- Automatically adjusts the video quality and color skew to compensate for varying lengths of CATx cable.
- Built-in surge protection.
- DDC2B support for local or remote monitor (user selectable).
- Mounting brackets included for easy surface/wall mounting.

XTENDEX®

ST-C6USBHU-300

HDMI USB KVM Extender via One CATx

Extend USB keyboard, USB mouse and HDMI monitor up to 300 feet.

- Transmits all signals over one CATx cable.
- Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200.
  - Resolution varies depending on distance and type of CATx cable used.
- HDMI features supported: 12-bit Deep Color; x.v.Color; Dolby TrueHD, DTS-HD Master Audio, Dolby Digital, and DTS; Bandwidth up to 225 MHz (6.75 Gbps); Support for CEC compatible devices; Lip Sync.
- HDCP compliant.
- USB ports for keyboard and mouse.
  - Keyboard and mouse are hot-pluggable.
  - Keep-alive keyboard/mouse emulation for flawless operation.
- Available with optional additional USB (low/full speed) port.
  - For the additional USB port on the remote unit, use to connect a USB touch screen monitor, interactive whiteboard, or CAC card reader.
- Supports the DDC2B protocol.
- Only one power supply is necessary to power both the local and remote units.
- Mounting brackets included for easy surface/wall mounting.

XTENDEX®

ST-C6USBHE-HDBT

HDMI USB KVM Extender over HDBase-T

Extend HD 1080p, Multi-channel Audio, USB keyboard/mouse, IR, RS232 and optional Ethernet up to 328 feet over HDBase-T technology.

- Transmits an uncompressed high speed HDMI signal over one CATx cable.
- Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200.
- HDMI features supported: x.v.Color, sYCC601 color, Adobe RGB Color and Adobe YCC601 color; Dolby TrueHD, DTS-HD Master Audio, Dolby Digital, DTS; Bandwidth up to 154MHz (3.76 Gbps); Support for CEC compatible devices; Lip Sync.
- HDCP compliant.
- Supports the DDC2B protocol.
- USB ports for keyboard and mouse.
  - Keyboard and mouse are hot-pluggable.
  - Keep-alive keyboard/mouse emulation for flawless operation.
- Features an additional USB port on the remote unit for a touch screen monitor, interactive whiteboard, or CAC card reader.
- Full Infrared Remote (IR) control of HDMI source from remote HDTV using existing source remote control.
- Bi-directional RS232 interface.
- Optional Ethernet port on the transmitter and receiver for connecting network devices such as 100Base-T routers, hubs, smart TVs or smart Blu-Ray players.
- Only one power supply is necessary to power both the local and remote units.
- Integrated mounting brackets for easy surface/wall mounting.

XTENDEX®

ST-C5USBV-300

VGA USB KVM Extender via CATx: Extend to 300 Feet

Extend USB keyboard, USB mouse and VGA monitor up to 300 feet.

- Transmits all signals over one CATx cable.
- Supports local and remote access.
- Supports resolutions to 1920x1440.
  - Resolution varies depending on distance and type of CATx cable used.
- USB ports for keyboard and mouse.
  - Keyboard and mouse are hot-pluggable.
  - Keep-alive keyboard/mouse emulation for flawless operation.
- Available with optional stereo audio.
  - Stereo audio can be heard both locally and remotely.
- Optional local unit supporting two remote users available – extend two remote units up to 300 feet.
  - Local access not available on 2-port local units.
  - Two RJ45 connectors for connecting two remote units.
  - Two users can access the computer on a one at a time basis.
- Built-in surge protection.
- Integrated mounting brackets for easy surface/wall mounting.

XTENDEX®

ST-C5USBVUA-1000S

VGA USB KVM Extender via CATx: Extend to 1,000 Feet

Extend USB keyboard, USB mouse and VGA monitor up to 1,000 feet.

- Transmits all signals over one CATx cable.
- Supports local and remote access.
- Supports resolutions to 2048x1536.
  - Resolution varies depending on distance and type of CATx cable used.
- USB ports for keyboard and mouse.
  - Keyboard and mouse are hot-pluggable.
  - Keep-alive keyboard/mouse emulation for flawless operation.
- Available with optional stereo audio and/or additional USB (low/full speed) port for local and remote user.
  - Stereo audio can be heard both locally and remotely.
  - For the additional USB port on the local unit, connect any type of USB device (fully transparent USB connection).
  - For the additional USB port on the remote unit, use to connect a USB touch screen monitor, interactive whiteboard, or CAC card reader.
- Automatically adjusts the video quality and color skew to compensate for varying lengths of CATx cable.
- Built-in surge protection.
- DDC2B emulation support for remote monitor.
- Integrated mounting brackets for easy surface/wall mounting.

XTENDEX®

ST-C5USBVT

Transparent USB Extender with VGA Video via CATx

Extend four USB devices and a VGA monitor up to 200 feet.

- Extend four USB devices such as keyboards, mice, printers, game controllers, USB flash drives, touch screen monitors, whiteboards, etc.
  - The combined current consumption of the connected devices cannot exceed 1.4A.
  - Using CAT5e/6 cable, extend USB 1.1/1.0 devices to 180 feet and USB 2.0 devices to 150 feet.
  - Using CAT6a/7 cable, extend USB 1.1/1.0 devices to 200 feet and USB 2.0 devices to 180 feet.
- Supports fully transparent USB connections – supports all USB computers (PC, SUN and MAC) and their associated peripherals.
- Supports local and remote VGA monitors.
- Supports resolutions to 2048x1536.
  - Resolution varies depending on distance and type of CATx cable used.
- DDC2B support for local or remote monitor.
- Video quality adjustment for different lengths of CATx cable is done manually.
- Available options: dual video, dual video + two-way audio (support for speakers and microphone) + RS232.
  - Stereo audio can be heard both locally and remotely.
  - Microphone can be used locally and remotely, user selectable.
  - Supports TXD, RXD, DTR, DSR, DCD, CTS and RTS.

XTENDEX®

ST-IPUSBH-L-1G and ST-IPUSBH-R-1G

HDMI USB KVM Over IP Extender

Extend HDMI monitor, audio, USB keyboard, and USB mouse up to 330 feet using Gigabit Ethernet.

- Transmits all signals over one CATx cable.
- Local and remote units can be connected together for a Point-to-Point connection via CATx or a Point-to-Many connection via a managed network switch.
  - Support for multiple transmitters requires a managed network switch.
  - Up to 16 transmitters can be connected per individual network switch or between cascaded network switches.
- Supports HDTV resolutions to 1080p.
  - Extend 1080p up to 330 feet in a Point-to-Point connection.
  - Extend 1080p up to 660 feet in a Point-to-Point or Point-to-Many connection via a managed network switch.
- Four USB 2.0 connectors for connecting a mouse, keyboard, flashdrive, HDD, or touchscreen display.
- Full Infrared Remote (IR) control of HDMI source from remote HDTV using existing source remote control.
- HDCP compliant.
- Supports the DDC2B protocol.
- Supports 2-way RS232 commands at baud rate 115200 to control devices attached to the matrix using RS232.

XTENDEX®

USB-IP-4LC

Low-Cost USB Over IP Extender

Allows Windows PCs to Connect to Four USB 2.0 Devices on the Same Subnet.

- Extends USB cabling distance to 330 feet (100 meters).
  - Extend past 330 feet (100 meters) by connecting multiple hubs/switches within the same subnet.
- Supports data rates up to 480 Mbps per USB port.
- Transfer data over a 10/100/1000Base-T network.
  - Will not communicate to another subnet.
- Supports USB devices such as USB hard drives, USB flash drives, USB card readers, USB webcams, USB scanners, USB multi-function printers (MFP), or other USB devices to be shared on a network.
- Creates systems redundancy and increases security since host PC can be placed in a remote location.
- Access and monitor devices over a TCP/IP connection.
- Supports true plug-and-play functionality
- Acquires IP address via DHCP when plugged in to a network.
  - IP address can be changed.
  - Once a static IP address is assigned, it can be directly connected to the LAN port of a PC - no crossover cable required.

XTENDEX®

ST-FOUSBDARS-LC

Transparent USB Extender with DVI Video via Fiber

Extend four USB devices, RS232, speakers and a single link digital DVI display up to 6,500 feet (2,000 meters).

- Signal transmission via four-strand singlemode or multimode LC fiber optic cable.
  - Using singlemode cable, extend to 6,500 feet (1,981 meters).
  - Using multimode cable, extend to 1,650 feet (503 meters).
- Extend four USB devices such as keyboards, mice, printers, game controllers, USB flash drives, touch screen monitors, whiteboards, etc.
- Supports fully transparent USB connections – supports all USB computers (PC, SUN and MAC) and their associated peripherals.
- Two modes of USB operation.
  - Local mode – computer sees USB devices connected to the transmitter.
  - Remote mode – computer sees USB devices connected to the receiver.
- Video signal: single link digital DVI.
- Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200.
- DDC2B support for local or remote monitor.
- Supports data rates up to 480 Mbps per USB port.
- Low RFI/EMI for sensitive applications.
- Analog stereo audio signal.
- Supports RS232 up to 250Kbps.

XTENDEX®

USB-C5-LC

1-Port USB Extender via CATx

Extend one USB device up to 150 feet.

- Transmits USB signal over one CATx cable.
- Extend one self-powered or bus-powered USB peripheral device (security camera, printer, scanner, keyboard, etc.).
- Transparent data extension.
- Compatible with USB computers (PC, SUN, MAC).
- Compliant with USB 1.1 (low/full speed) specifications.
- Supports Plug-n-Play specification.
- Available with optional power supply.
- USB port supports up to 400 mA current without power supply and full 500mA current with power supply.

XTENDEX®

USB2-C5-LC

1-Port USB 2.0 Extender via CATx

Extend one USB 2.0 device up to 328 feet.

- Transmits USB signal over one CATx cable.
- Extend one self-powered or bus-powered USB peripheral device (security camera, printer, scanner, keyboard, etc.).
- Transparent data extension.
- Extend up to 656 feet (200 meter) by using two CAT5e/6 cables to connect the extender to an Ethernet switch.
  - The local unit connects to the Ethernet switch using a single CATx cable up to 328 feet (100 meter). The remote unit extends from the Ethernet switch using a separate CATx cable up to 328 feet (100 meter).
- Supports high-speed (150 Mbps), full-speed (12 Mbps), or low-speed (1.5 Mbps) USB devices.
- Compliant with USB 2.0 specifications.
- Supports Plug-n-Play specification.

XTENDEX®

USB-C5-200

4-Port USB Extender via CATx

Extend four USB devices up to 200 feet.

- Transmits USB signals over one CATx cable.
- Extend four self-powered and/or bus-powered USB peripheral devices (security cameras, printer, scanner, keyboard, etc.).
  - Using CAT5e/6 cable, extend USB 1.1/1.0 devices to 180 feet and USB 2.0 devices to 150 feet.
  - Using CAT6a/7 cable, extend USB 1.1/1.0 devices to 200 feet and USB 2.0 devices to 180 feet.
- Transparent data extension.
- Compatible with USB computers (PC, SUN, MAC).
- Compliant with USB 1.1 (low/full speed) specifications.
- Supports Plug-n-Play specification.
- The combined current consumption of the connected devices cannot exceed 1.5A.
- Only one power supply is necessary to power both the local and remote units.
- Mounting brackets included for easy surface/wall mounting.
- Optional industrial model for high temperature environments up to 158°F (70°C).

XTENDEX®

ST-C5KVMA-300

VGA PS/2 KVM Extender via CATx: Extend to 300 Feet

Extend PS/2 keyboard, PS/2 mouse and VGA monitor up to 300 feet.

- Transmits all signals over one CATx cable.
- Supports two users: one local and one remote.
- Local unit provides local KVM access.
- Supports resolutions to 1920x1440.
  - Resolution varies depending on distance and type of CATx cable used.
- Video quality adjustment for different lengths of CATx cable is done manually.
- Keep-alive keyboard/mouse emulation for flawless operation.
- Available with optional stereo audio.
  - Stereo audio can be heard both locally and remotely.
- Built-in surge protection.
- Mounting brackets included for easy surface/wall mounting.
- Optional VESA mounting bracket is available for mounting the local or remote unit to the back of a flat panel monitor.

XTENDEX®

ST-C5KVM-600

VGA PS/2 KVM Extender via CATx: Extend to 600 Feet

Extend PS/2 keyboard, PS/2 mouse and VGA monitor up to 600 feet.

- Transmits all signals over one CATx cable.
- Supports two users: one local and one remote.
- Local unit provides local KVM access.
- Supports resolutions to 1920x1440.
  - Resolution varies depending on distance and type of CATx cable used.
- Automatically adjusts the video quality to compensate for varying lengths of CATx cable.
- Keep-alive keyboard/mouse emulation for flawless operation.
- Optional stereo audio available.
  - Stereo audio can be heard both locally and remotely.
- Optional RS232 control available.
  - Supports TXD, RXD, DTR, DSR, CTS and RTS.
  - Support for a touch screen monitor.
- Built-in surge protection.
- Mounting brackets included for easy surface/wall mounting.
- Optional VESA mounting bracket is available for mounting the local or remote unit to the back of a flat panel monitor.

XTENDEX®

ST-C5KVM2ARS-1000S

VGA PS/2 KVM Extender via CATx: Extend to 1,000 Feet

Extend PS/2 keyboard, PS/2 mouse and VGA monitor up to 1,000 feet.

- Transmits all signals over one CATx cable.
- Supports two users: one local and one remote.
- Local unit provides local KVM access.
- Supports resolutions to 2048x1536.
  - Resolution varies depending on distance and type of CATx cable used.
- Optional two-way audio available.
  - Stereo audio can be heard both locally and remotely.
  - Microphone can be used locally and remotely, user selectable.
- Optional RS232 control available.
  - Supports TXD, RXD, DTR, DSR, DCD, CTS and RTS.
  - Support for a touch screen monitor.
- Automatically adjusts the video quality and color skew to compensate for varying lengths of CATx cable.
- Built-in surge protection.
- DDC2B support for local or remote monitor (user selectable).
- Mounting brackets included for easy surface/wall mounting.

XTENDEX®

ST-C6HD-HDBT-L8-R

Multiple HDMI Extender Over HDBase-T with Power Over Ethernet (PoE)

Extend video and multi-channel audio from 8 HDMI video sources up to 328 feet away – supports 4K, 2K, 1080p, and 1920x1200 resolutions.

- Each input is directly connected to a corresponding output via CATx cable – point-to-point extension.
  - Input 1 is connected to output 1, input 2 is connected to output 2, etc.
- Supports Ultra-HD 4Kx2K resolutions to 3840x2160 (30Hz) and 4096x2160 (30Hz), 2K resolution 2048x1080, HDTV resolutions to 1080p, and computer resolutions to 1920x1200.
  - With CAT6/6a/7 (23 AWG), extend up to 328 feet.
  - With CAT5e (24 AWG), extend up to 250 feet.
- HDMI features supported: 24/36-bit Deep Color; x.v.Color; Dolby TrueHD, DTS-HD Master Audio, Dolby Digital, DTS 7.1 and LPCM; 3D; bandwidth up to 300 MHz (10.2 Gbps); support for CEC compatible devices; Lip Sync.
- HDCP compliant.
- Power Over Ethernet (PoE) provides power to all connected receivers.
- Compact 1RU design.

XTENDEX®

ST-C6RCK-12A with ST-C6HD-LA-2L-300M Extender Modules

Multiple Extender Modules in a Rack: USB KVM, PS2 KVM, VGA, HDMI

Mount up to 12 extender modules into a single 2RU rack tray.

- Designed for use with NTI's rackmount transmitter/receiver modules.
- Mount up to 12 modules in a single 2RU tray.
- Each transmitter module extends all signals over one CATx cable.
  - HDMI modules require CAT7 cable.
- Cable/power supply management shelf included.
- Includes eleven blank front panel covers.
  - Hides open slots on the tray and prevents change in airflow.
- Available extender modules:
  - USB KVM extender to 300 feet with optional audio.
  - PS2 KVM extender to 600 feet with optional audio or RS232.
  - VGA extender to 600 feet with optional audio or RS232.
  - HDMI extender to 279 feet with optional CEC support and/or dual HDMI.

VOPEX®

VOPEX-C5USBVA-8

VGA USB KVM Splitter/Extender with Stereo Audio via CATx

Allows up to eight users to control one USB computer located 1,000 feet away.

- Access one computer from multiple locations.
  - Connect up to 8 remote users (8 USB keyboards, mice, and VGA monitors) via receivers with a maximum extension of 1,000 feet from the splitter/extender system using CATx cable.
- Compatible with USB computers (PC, SUN, MAC).
- Supports resolutions to 2048x1536.
  - Resolution varies depending on distance and type of CATx cable used.
- Provides local KVM access.
  - The local USB ports can also be used to connect printers, scanners, security cameras, etc.
- Multiple users can enter data into the same program.
- Supports DDC emulation and mixing.
- Automatically adjust video quality and color skew for crystal clear video with longer cables.
- Supports Plug-n-Play specifications.
- Built-in surge protection.
- Optional support for remote USB touch screen monitors, CAC card readers, or interactive whiteboards.
- High quality, rugged steel construction with durable powder coat finish.
- Flash upgradeable.
- Audio can be broadcasted to self-powered stereo speakers at the local unit and each remote location.
- Available sizes: 4- and 8-port.

VOPEX®

VOPEX-C5VA-4C (Front & Back) and ST-C5VA-600 Remote Unit

VGA Splitter/Extender with Optional Audio via CATx: Extend to 600 Feet

Drive up to 16 monitors 600 feet away from one computer.

- Simultaneously broadcasts high-resolution video from one computer to one local monitor and up to 16 remote monitors located up to 600 feet away using CATx cable.
- Optional audio can be broadcast to self-powered stereo speakers at the local unit and each remote location.
- Supports resolutions to 1920x1440.
  - Resolution varies depending on distance and type of CATx cable used.
- Video quality adjustment for different lengths of CATx cable is done manually for video-only units and automatically for audio/video units.
- Mounting brackets included for easy surface/wall mounting.
- Available in optional rackmount enclosure – includes cable management shelf.
- Available sizes: 4-, 8- and 16-port.

VOPEX®

VOPEX-C5VA-4C1000 (Front & Back) and ST-C5V2A-R-1000SP Remote Unit

VGA Splitter/Extender with Audio via CATx: Extend to 1,000 Feet

Drive up to 8 monitors 1,000 feet away from one computer.

- Simultaneously broadcasts high-resolution video from one computer to one local monitor and up to 8 remote monitors located up to 1,000 feet away using CATx cable.
- Audio can be broadcasted to self-powered stereo speakers at the local unit and each remote location when using NTI's remote units with audio option.
- Supports resolutions up to 2048x1536 using NTI's 1,000' remote units and 1920x1440 using NTI's 600' remote units.
  - Resolution varies depending on distance and type of CATx cable used.
- Video quality adjustment:
  - Using 1,000' remote units: Automatically adjusts the video quality and color skew to compensate for varying lengths of CATx cable.
  - Using 600' remote units: Video quality adjustment for different lengths of CATx cable is done manually for video-only units and automatically for audio/video units.
- Mounting brackets included for easy surface/wall mounting.
- Available sizes: 4- and 8-port.

VOPEX®

VOPEX-M12V-4 (Front & Back) and ST-M12V-R-600 Remote Unit

Industrial VGA Splitter/Extender via CATx with M12 Connectors

Drive up to 16 displays 600 feet away from one computer in rail transportation and industrial environments.

- Simultaneously broadcasts high-resolution video from one computer to one local monitor and up to 16 remote monitors located up to 600 feet away using CATx cable with M12 connectors.
- Supports resolutions to 1920x1440.
  - Resolution varies depending on distance and type of CATx cable used.
- Video quality adjustment for different lengths of CATx cable done manually.
- M12 connectors resist vibration and provide reliable connectivity in harsh environmental conditions.
- Optional stereo audio available.
  - Stereo audio can be heard both locally and remotely.
- Robust screw terminal power connection.
- Meets EN 50155 standards.
- Integrated mounting brackets for easy surface/wall mounting.
- Available sizes: 4-, 8- and 16-port.

VOPEX®

VOPEX-C6HD-4HDBT-328

HDMI HDBase-T Splitter/Extender via CAT5e/6

Distribute HD 1080p, multi-channel audio, Ethernet, and IR to eight displays up to 328 feet using CATx cable.

- Transmits an uncompressed high speed HDMI signal over one CATx cable to multiple display locations.
  - Choose between models that extend to 230 feet or 328 feet.
- Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200.
- HDMI features supported: 36-bit Deep Color; x.v.Color; Dolby TrueHD, DTS-HD Master Audio, Dolby Digital, DTS 7.1 and LPCM; 3D; Bandwidth up to 225 MHz (6.75 Gbps); Support for CEC compatible devices; Lip Sync.
- HDCP compliant.
- Supports the DDC2B protocol.
- Features two Ethernet ports on the transmitter and receiver for connecting standard network devices such as 100Base-T routers, hubs, smart TVs, or smart Blu-Ray players.
- Full Infrared Remote (IR) control of HDMI source or display.
- Available sizes: 4- and 8-port.
  - Remote units and IR accessories included.

VEEMUX®

SM-8X8-DVI-LCD

DVI Video Matrix Switch

Switch single link digital DVI video from many video sources among multiple displays.

- Route 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 up to 1080p and computer resolutions up to 1920x1200.
- Signal type: single link digital DVI.
- Passes HDMI audio and video signal through DVI-I port.
  - Transmit audio and video over a single cable with the DVI-HD-xx-MM male DVI-D to male HDMI cable.
- Each output provides one video signal and one stereo audio signal (with audio option).
- Each input can be independently connected to any or all outputs.
  - HDCP is supported when connecting any one input to any one output (4x4 and 8x8 models only).
  - HDCP is not supported when connecting one input to multiple outputs.
- EDID learning for the support of any DVI display device.
- Built-in default EDID configuration tables for both PC and MAC.
  - Dual default EDID configuration tables: high resolution without audio and TV resolution with audio.
- Available sizes: 4x4, 8x8, 16x16 and 32x32.

VEEMUX®

SM-8X8-C6HDR-POE-HDBT

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

Route and distribute HD 1080p, multi-channel audio, Ethernet, IR, and power up to 328 feet using CATx cable.

- Route uncompressed digital HDMI signal and IR from eight HDMI video sources to eight displays and speakers via CATx cable using HDBase-T technology.
- Configure and control the switch through Ethernet, serial port, front panel buttons, or IR remote control.
- Supports HDTV resolutions up to 1080p and computer resolutions up to 1920x1200.
  - With CAT5e (24 AWG), up to 250 feet.
  - With CAT6 (23 AWG), up to 300 feet.
  - With CAT6a/7 (23 AWG), up to 328 feet.
- HDMI features supported: 24/36-bit Deep Color; x.v.Color; Dolby TrueHD, DTS-HD Master Audio, Dolby Digital, DTS 7.1 and LPCM; 3D; Bandwidth up to 225 MHz (6.75 Gbps); Support for CEC compatible devices; Lip Sync.
- HDCP compliant.
- Supports Power over Ethernet (PoE) – power supply not required at the remote unit.
- Bi-directional IR from input and output locations.
- Features an Ethernet port on the switch and receivers for connecting network devices such as 100Base-T routers, hubs, smart TVs, or smart Blu-Ray players.
- Each input can be independently connected to any or all outputs.
- Supports external and internal EDID settings.

VEEMUX®

SM-16X16-C5AV-LCD (Front & Back) with a ST-C5VA-L-600 Transmitter & ST-C5VA-R-600 Receiver

A/V Matrix Switch via CATx to 600 Feet: VGA, S-Video, Component Video

Route and distribute audio/video up to 600 feet using CATx cable instead of bulky coax cables.

- Connect up to 32 video sources via transmitters and 16 video displays via receivers with a maximum extension of 600 feet between the local and remote units.
- Configure and control the switch through Ethernet, serial port or front panel buttons.
- Video quality adjustment is done automatically at every connection change, or can be forced via the front panel or web interface.
- Each output provides one video signal and one stereo audio signal.
- Each input can be independently connected to any or all outputs.
- VGA, S-Video and HDTV transmitters and receivers can be supported on the same VEEMUX switch.
  - VGA inputs only work with VGA outputs, S-Video inputs only work with S-Video outputs, and HDTV component video inputs only work with HDTV component video outputs.
- Video Resolutions:
  - For VGA Receiver: up to 1920x1440.
  - For S-Video Receiver: up to 800x600.
  - For Component Video Receiver: up to 1080p.
- Available sizes: 8x8, 8x16, 16x8, 16x16, 32x8 and 32x16.

VEEMUX®

SM-16X64-C5AV-1000

A/V Matrix Switch via CATx to 1,000 Feet: VGA, S-Video, Component Video

Route and distribute audio/video up to 1,000 feet using CATx cable instead of bulky coax cables.

- Connect up to 64 video sources via transmitters and 64 video displays via receivers with a maximum extension of 1,000 feet between the local and remote units.
- In addition to the remote inputs/outputs, the switch features one direct-connect VGA and stereo audio input/output for every 16 remote RJ45 connectors.
- 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.
- Video quality adjustment is done automatically at every connection change, or can be forced via the front panel or web interface.
- Each output provides one video signal and one stereo audio signal.
- Each input can be independently connected to any or all outputs.
- VGA, S-Video and HDTV transmitters and receivers can be supported on the same VEEMUX switch.
  - VGA inputs only work with VGA outputs, S-Video inputs only work with S-Video outputs, and HDTV component video inputs only work with HDTV component video outputs.
  - The 1,000' transmitters will work with 600' receivers, and vice versa.
- Available sizes: 16x16, 16x32, 16x48, 16x64, 32x32, 32x64, 64x16, 64x32 and 64x64.

VEEMUX®

SM-8X8-15V-LC

VGA Video Matrix Switch

Switch VGA video from many computers among multiple monitors.

- Route VGA video from up to 32 video sources to up to 16 displays.
- Configure and control the switch through Ethernet, serial port or front panel buttons.
  - IR remote control is standard with 4- and 8-input models and optional with 16- and 32-input models.
  - Control the switch using the included NTI Switch Control Program with Graphical User Interface (GUI control) via RS232.
- Supports 1920x1200 video resolution at a refresh rate of 85 Hz.
- Video bandwidth: 200 Mhz, fully loaded.
- Each input can be independently connected to any or all outputs.
- Stand-by mode offers reduced power. (Available on 4- and 8-input models.)
- LED Matrix Display visually shows which inputs are connected to which outputs (available on the 16x8, 16x12, 16x16, 32x8 and 32x16 video matrix switches).
- Available sizes: 4x2, 4x4, 8x2, 8x4, 8x8, 16x2, 16x4, 16x8, 16x12, 16x16, 32x2, 32x4, 32x8 and 32x16.

VEEMUX®

SM-8X8-AV-LCD

VGA Video + Audio Matrix Switch

Switch audio & VGA video from many computers among multiple monitors & speakers.

- Route VGA video and stereo audio from up to 32 video sources to up to 16 displays and speakers.
- Configure and control the switch through Ethernet, serial port or front panel buttons.
  - Control the switch using the included NTI Switch Control Program with Graphical User Interface (GUI control) via RS232.
  - Available with optional IR remote control.
- Supports 1920x1200 video resolution at a refresh rate of 85 Hz.
- Video bandwidth: 200 Mhz, fully loaded.
- Each output provides one video signal and one stereo audio signal.
- Each input can be independently connected to any or all outputs.
- LED Matrix Display visually shows which inputs are connected to which outputs (available on the 8x8, 16x8, 16x12, 16x16, 32x8 and 32x16 video matrix switches).
- Available sizes: 8x2, 8x4, 8x8, 16x2, 16x4, 16x8, 16x12, 16x16, 32x2, 32x4, 32x8 and 32x16.

RACKMUX®

RACKMUX-V17HR-N

Rackmount USB + PS/2 KVM Drawer with VGA or DVI LCD

Provides space-saving convenient control.

- Combines a forward-folding LCD monitor, keyboard, and touchpad mouse in a space-saving 1RU industrial strength drawer.
- Compatible with USB and PS/2 computers.
- Available with 17" Active Matrix LCD flat panel VGA or DVI monitor.
  - Optional ultra-high resolution 17.1" monitor available.
  - Tilt LCD up and back to adjust to any comfortable viewing angle to 120°.
- Video resolution:
  - 17": 1280x1024
  - Hi-res 17.1": 1920x1200
- Torque-friction hinges – monitor does not wobble, spring, or slam shut.
- LCD auto-shutoff in the closed position.
- Equipped with On Screen Display (OSD).
- Drawer locks into place when open to prevent it from sliding in and out of the rack.
- Designed to be a one-person job when installing the drawer.
- Available with optional integrated KVM switch.
  - High Density USB KVM Switch (VGA and DVI versions available).
  - CAT5 VGA KVM Switch.

RACKMUX®

RACKMUX-VS17-NT

Rackmount VGA SUN USB KVM Console Drawer

1RU KVM drawer with SUN USB keyboard.

- Combines a forward-folding 17" VGA LCD monitor, SUN USB keyboard, and trackball mouse in a space-saving 1RU industrial strength drawer.
- 1280x1024 video resolution.
  - Supports SUN-compatible 1152x900 resolution.
- Compact, heavy-duty tactile keyboard.
  - Available with 17-key numeric keypad or large wrist-rest.
  - Supports SUN keys including STOP, CUT, PASTE, COMPOSE, COPY, HELP, OPEN, UNDO, and PROPS.
- Torque-friction hinges – monitor does not wobble, spring, or slam shut.
- Designed to be a one-person job when installing the drawer.
- Rugged steel construction with durable powder coat finish.
- LCD auto-shutoff in the closed position.
- Internal cable arm provides proper cable management for sliding the drawer open and closed.
- Equipped with On Screen Display (OSD).
- Drawer locks into place when open to prevent it from sliding in and out of the rack.
- Available with optional integrated KVM switch.
  - VGA USB KVM Switch (Standard or High Density versions available).

UNIMUX™

UNIMUX-DVI-16HD

High Density DVI USB KVM Switch

Control up to 32 single link DVI USB computers with one USB keyboard, USB mouse & DVI monitor.

- High Density Switch saves rack space.
  - 4-, 8- and 16-port switches are 1RU in height.
  - 24- and 32-port switches are 2RU in height.
  - Rackmount kit included.
- Dedicated internal microprocessors emulate keyboard and mouse presence to each attached CPU 100% of the time so all computers boot error-free.
- Features NTI's patented true autoboot USB switching – all attached computers can be booted simultaneously.
- Compatible with USB computers (PC, SUN and MAC).
- Supports video resolutions up to 1920x1200.
- Single link digital DVI signal.
- Control the switch through the front panel interface, keyboard commands, or RS232.
- Compliant with USB (low/full speed) standards.
- Keyboard and mouse are hot-pluggable.
- Supports SUN and MAC extra keys.
- USB SUN start-up keys are supported.
- Supports MAC soft (keyboard) power-on.
- Available with stereo audio option.
- Cabling runs are simplified with NTI's high density KVM switch cables.
- Available sizes: 4-, 8-, 16-, 24- and 32-port.

UNIMUX™

UNIMUX-USBV-8ORS

VGA USB KVM Switch

Control up to 32 USB computers with one USB keyboard, USB mouse & VGA monitor.

- Dedicated internal microprocessors emulate keyboard and mouse presence to each attached CPU 100% of the time so all computers boot error-free.
- Features NTI's patented true autoboot USB switching – all attached computers can be booted simultaneously.
- Compatible with USB computers (PC, SUN and MAC).
- Crisp and clear 2048x1536 video resolution.
- Control the switch through the front panel interface, keyboard commands, on screen display (OSD), or optional RS232.
- Fully compliant with USB (low/full speed) standards.
- USB MAC and SUN start-up keys are supported.
- SUN extra keys are emulated on USB keyboards with Windows keyboard layouts.
- Available with stereo audio option.
- Supports international keyboard layouts in auto-detection mode.
- Available sizes: 2-, 4-, 8-, 16- and 32-port.

UNIMUX™

UNIMUX-USBV-16HDUT

High Density VGA USB KVM Switch

Control up to 32 USB computers with one USB keyboard, USB mouse & VGA monitor.

- High Density Switch saves rack space.
  - 4-, 8- and 16-port switches are 1RU in height.
  - 32-port switch is 2RU in height.
- Dedicated internal microprocessors emulate keyboard and mouse presence to each attached CPU 100% of the time so all computers boot error-free.
- Features NTI's patented true autoboot USB switching – all attached computers can be booted simultaneously.
- Compatible with USB computers (PC, SUN and MAC).
- Crisp and clear 1920x1200 video resolution.
- Control the switch through the front panel interface, keyboard commands, on screen display (OSD), Ethernet, or RS232.
- Cabling runs are simplified with NTI's high density KVM switch cables.
- Keyboard and mouse are hot-pluggable.
- Available with two optional fully transparent USB (low/full speed) connectors.
  - Connect any type of USB device in addition to the keyboard and mouse.
- Optional High Density USB Switch with no VGA video available.
- Available sizes: 4-, 8-, 16- and 32-port.

UNIMUX™

UNIMUX-4X16-U

VGA USB KVM Matrix Switch

Up to eight users can control 32 USB computers.

- Dedicated microprocessors prevent computers from locking up, ensuring reliable control.
- Features NTI's patented true autoboot USB switching – all attached computers can be booted simultaneously.
- Compatible with USB computers (PC, SUN and MAC).
- Crisp and clear 1920x1200 video resolution.
- Control the switch through the front panel interface, keyboard commands, on screen display (OSD), or RS232.
- Fully compliant with USB (low/full speed) standards.
- USB MAC and SUN start-up keys are supported.
- Keyboards and mice are hot-pluggable.
- Computers can be shared or used exclusively.
- Optional stereo audio support using an Audio Matrix Add-On Switch (not included). Available on 2x8, 2x16, 4x8, 4x16, 8x8, 8x16 switches only.
- Available sizes: 2x8, 2x16, 2x32, 4x8, 4x16, 4x32, 8x8, 8x16, 8x24, and 8x32.
- Rackmount case is standard. The 2x8 and 4x8 are also available in desktop case.

UNIMUX™

UNIMUX-4X8-UHD

High Density VGA USB KVM Matrix Switch

Up to four users can control 32 USB computers.

- High Density Switch saves rack space.
  - The 2x8, 2x16 and 4x8 switches are 1RU in height.
  - The 2x32, 4x16 and 4x32 switches are 2RU in height.
- Dedicated microprocessors prevent computers from locking up, ensuring reliable control.
- Features NTI's patented true autoboot USB switching – all attached computers can be booted simultaneously.
- Compatible with USB computers (PC, SUN and MAC).
- Crisp and clear 1920x1200 video resolution.
- Control the switch through the front panel interface, keyboard commands, on screen display (OSD), Ethernet, or RS232.
- Fully compliant with USB (low/full speed) standards.
- USB MAC and SUN start-up keys are supported.
- Keyboards and mice are hot-pluggable.
- Computers can be shared or used exclusively.
- Optional support for USB (low/full speed) devices, in addition to keyboards and mice, such as USB touch screen monitors, interactive whiteboards, or CAC card readers.
- Optional stereo audio support using an Audio Matrix Add-On Switch (not included). Available on 2x8, 2x16, 4x8, 4x16 switches only.
- Cabling runs are simplified
- Cabling runs are simplified with NTI's high density KVM switch cables.
- Available sizes: 2x8, 2x16, 2x32, 4x8, 4x16, 4x32.

PRIMUX®

PRIMUX-UZR and HA-USB Host Adapter

VGA KVM Switch via CATx

Control up to 64 servers in zero rack space.

- Consists of two components: the PRIMUX-UZR User Station that connects to a keyboard, monitor and mouse, and Host Adapters that connect to each server.
  - User keyboard and mouse must be the same platform – both USB or PS/2.
  - A multiscan VGA monitor is required to display the different video outputs from different platforms.
  - Servers can be the same or different platforms (PS/2, SUN, USB or serial).
- Up to 64 Host Adapters can be daisy-chained together providing user access to up to 64 servers.
  - Interconnect multiple servers at different locations throughout a building.
- The User Station and Host Adapters can be located as far as 1,000 feet from each other via CATx UTP cable.
- Control the switch through the front panel interface, keyboard commands, or on screen display (OSD).
- Easy to install and use with plug-and-play functionality.
- Hot-swap components with no disruption of server operation.
- Supports video resolutions to 1920x1440.
  - Resolution varies depending on distance and type of CATx cable used.
- Automatically adjusts the video quality to compensate for varying lengths of CATx cable.
- Dedicated microprocessors prevent computers from locking up, ensuring reliable control.
- Keep-alive keyboard/mouse emulation for flawless operation.
- Supports international keyboard layouts.

PRIMUX®

PRIMUX-16X64

VGA KVM Matrix Switch via CATx

Consolidated control for multi-user, multi-rack server environment up to 1,000 feet away.

- Provides non-blocking access for up to 16 simultaneous users to up to 64 servers.
- Consists of three components: PRIMUX-nXm Matrix Switch, connects users to servers; PRIMUX-UZR User Stations, connect to each set of keyboard, monitor and mouse; and Host Adapters, connect to each server.
- Platform-specific host adapters for host connection – PS/2, USB, SUN, Serial.
- The User Stations and Host Adapters can be located as far as 1,000 feet from each other, and are connected to the matrix switch via CATx UTP cable.
- Control the switch from the on screen display (OSD) of a connected User Station, via RS232, or remotely via Telnet.
- Simple plug-and-play auto-configured installation.
  - Servers are discovered as they are powered up, and can be accessed immediately by authorized users.
- Hot-swap components with no disruption of server operation.
- Supports video resolutions to 1920x1440.
  - Resolution varies depending on distance and type of CATx cable used.
- Automatically adjusts the video quality to compensate for varying lengths of CATx cable.
- Optional PRIMUX Redundancy Switch quickly switches control of User Stations and Servers to a back-up PRIMUX Matrix Switch.
- Available sizes: 8x32 and 16x64.

KEEMUX®

KEEMUX-P8-R-RS

VGA PS/2 KVM Switch

Control up to 32 PS/2 computers with PS/2 keyboard, PS/2 mouse & VGA monitor.

- Dedicated internal microprocessors emulate keyboard and mouse presence to each attached PC 100% of the time so all computers boot error free.
- Supports video resolutions up to 1920x1200.
- Auto scan all computers to catch system failures early.
- Broadcast keystrokes to all computers for simultaneous shut-downs.
- Control the switch through the front panel interface, keyboard commands, optional on screen display (OSD), or optional RS232.
- Keyboard and mouse are hot-pluggable.
- Optional rackmount case available.
- Available sizes: 2-, 4-, 8-, 16- and 32-port.

SERIMUX®

SERIMUX-S-16DP

SSH Console Serial Switch with Environmental Monitoring

Securely control up to 32 RS232 devices via the Internet.

- Delivers secure management of up to 32 serial devices via the internet, TCP/IP network, or dial-up modem connections.
- Operates on a hardened Linux system.
- Connect up to 32 devices with different baud rates, parity, and character length. Each switch also has one RJ45 connector for a local terminal.
- Provides out-of-band access to network devices (servers, routers, network switches, and any other network devices allowing console operation using RS232).
- Connects to console serial ports using standard CATx cables and cable adapters.
- Protocols: SSH V2, Telnet, IPV4, IPV6, TCP/IP, TFTP, DHCP, ICMP, UDP, ARP, HTTP, HTTPS, SMTP, SNMP V1/V2c, Syslog, SNTP, IPMI v2, RMCP.
- Dual Ethernet provides redundant connectivity.
- Dual power option creates a redundant power system protecting the console switch from any power failure issues.
- USB port provides expanded logging storage, configuration export and additional functionality.
- Supports two environmental sensors, including: temperature, humidity, and water detection.
  - When a sensor goes out of range of a configurable threshold, the system will notify you via email, LEDs, web page, and network management (SNMP).
- Available sizes: 4-, 8-, 16-, 24-, and 32-port.

SERIMUX®

SERIMUX-CS-32E

Console Serial Port Switch with Ethernet Control Option

Manage up to 32 serial devices – routers, switches, hubs, etc.

- Cost-effectively manage serial devices, including servers, switches, routers, and telecom gear.
- Control the switch via an ASCII terminal with menu-driven integrated software, the front panel keypad, or optional Ethernet interface.
  - Protocols (For Optional Ethernet Control): HTTP, HTTPS, ICMP, DHCP, TCP/IP, SSL, Telnet.
- Connect up to 32 devices with different baud rates, parity, and character length. Each switch also has one RJ45 connector for a local terminal.
- Provides out-of-band access to network devices (servers, routers, network switches, and any other network devices allowing console operation using RS232).
- Connects to console serial ports using standard CATx cables and cable adapters.
- Local commands can be directed via VT52, VT100, ANSI serial console, a PC with a terminal emulation program, or any compliant terminal.
- Gain access to servers without interrupting service to end-users; maintain optimal up-time.
- Dual power option creates a redundant power system protecting the console switch from any power failure issues.
- Available sizes: 4-, 8-, 16-, 24-, and 32-port.

VOPEX®

VOPEX-DVI4K-2

4K DVI/HDMI Video Splitter

Simultaneously display the same Ultra-HD 4Kx2K image from one DVI/HDMI video source to four displays.

- Enables up to 4 single link digital DVI displays to be driven by a single digital DVI source with no loss of signal.
- Supported resolutions: Ultra-HD 4Kx2K resolutions to 3840x2160 (24Hz and 30Hz), 2K resolution 2048x1080, HDTV resolutions to 1080p, and computer resolutions to 1920x1200.
- Passes HDMI audio and video signal through DVI-I port.
  - Transmit audio and video over a single cable with the DVI-HD-xx-MM male DVI-D to male HDMI cable.
- Compliant with DVI 1.0, HDMI 1.4a and HDCP 1.3 standards.
- Supports the DDC2B protocol.
- EDID learning for the support of any DVI display device.
- Cascade multiple units to increase the number of displays connected.
- Available sizes: 2- and 4-port.

VOPEX®

VOPEX-8V-H

VGA Video Splitter

Use one computer to display the same high-resolution image on numerous monitors.

- Enables up to 16 VGA monitors to be driven by a single computer.
- Supports resolutions to 1920x1200.
- Available with optional stereo audio.
- Supports the DDC2B protocol.
- Cascade units to display the same image on up to 256 monitors.
- Available sizes: 2-, 4-, 8-, and 16-port.

VIDMUX®

SE-AV-8-RS

VGA Video Switch

Share one monitor among multiple PCs.

- Enables up to 16 computers to be connected to a single VGA video monitor, projector or LCD/plasma screen.
- Compatible with PCs, SUNs and MACs with VGA video.
- Eliminate redundant monitors.
- Supports resolutions to 1920x1200.
- Available with stereo audio and/or RS232 control options.
- 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.
- Available sizes: 2-, 4-, 8-, and 16-port.

VIDMUX®

SE-DVI-4ARS

DVI/HDMI Video Switch

Share one DVI-D/HDMI monitor among multiple video sources.

- Enables one DVI/HDMI display and speakers to be switched between up to four single link digital DVI/HDMI video sources.
- Supports HDTV resolutions up to 1080p and computer resolutions to 1920x1200 (WUXGA).
- Eliminates redundant video displays.
- Compliant with HDMI 1.3 (2- and 4-port models only) and HDCP standards.
- Supports the DDC2B protocol.
- 3.5mm stereo audio input for each channel.
  - The 8-port switch supports two-way audio for speakers and microphone.
- Passes HDMI audio signal through DVI-I port.
  - Transmit audio and video over a single cable with the DVI-HD-xx-MM male DVI-D to male HDMI cable.
- Control via push button, infared remote (IR) control, or optional RS232.
- IR remote control includes power on/off, mute function, and break-away audio (switch audio independent of video).
- Available sizes: 2-, 4- and 8-port.

DVI-VGA

DVI to VGA Converter

Converts single link digital DVI signal to analog VGA video.

- Connects computers with DVI-D connectors to analog VGA monitors or projectors.
- Single link digital DVI signal.
- Supports up to 1920x1200 video resolution.
- Compatible with DDWG DVI standard.
- No external power supply.

3GSDI-DVI-FOSC

3G-SDI to DVI Converter/Extender via Fiber Cable to 1,640 Feet

Converts 3G-SDI/HD-SDI/SD-SDI to DVI video and extends up to 1,640 feet.

- Connects a computer or camera with a 3G-SDI/HD-SDI/SD-SDI video signal to a DVI display.
- Use with an optical receiver (ST-1FODVI-R-SC) to extend a remote DVI monitor 1,640 feet (500 meters).
  - Signal transmission via single-strand multimode (50-micron or 62.5-micron) SC fiber optic cable – no RF interference.
- Supports resolutions to 1080p.
- Auto-detects 3G, HD or SD-SDI format.
  - Input signals: SMPTE 259M-C (270 Mbps), SMPTE 292M (1.485, 1.485/1.001 Gbps), and SMPTE 424M (2.970, 2.970/1.001 Gbps).
- Complies with DVI 1.0 standard.
- Also available:
  - VGA to DVI Converter/Extender via Fiber.
  - Component Video to DVI Converter/Extender via Fiber.
  - Composite Video + S-Video to DVI Converter/Extender via Fiber.

VOPEX®

VOPEX-2KVIM-A

VGA PS/2 KVM Splitter

Up to 4 keyboards, mice & monitors can be connected to one PC.

- Allows up to four users to share the use of one PS/2 computer.
- Access one computer from multiple locations.
- Multiple users can enter data into the same program.
- Supports resolutions to 1920x1200.
- Available with optional stereo audio.
- Press MODE button on front panel to cycle through all 6 modes. LEDs indicate which mode is selected.
  - USER 1 Mode – Only USER 1 can type or move the mouse.
  - USER 2 Mode – Only USER 2 can type or move the mouse.
  - USER 3 Mode – Only USER 3 can type or move the mouse.
  - USER 4 Mode – Only USER 4 can type or move the mouse.
  - INST Mode – All user(s) have immediate access after last keystroke or mouse movement occurs on active user.
  - DELAY Mode – Locked out user(s) must wait five seconds after last keystroke or mouse movement occurs on active user.
- Available sizes: 2- and 4-port.

VOPEX®

VOPEX-USBV-2

VGA USB KVM Splitter

Allows up to four users to control one VGA USB computer and access three USB devices.

- Allows up to four users (four USB keyboards, mice and VGA monitors) to access one USB computer (PC, SUN, MAC) and up to three USB devices (printers, scanners, security cameras, etc).
- Access one computer from multiple locations.
- Multiple users can enter data into the same program.
- Supports resolutions to 1920x1200.
- Available with optional stereo audio.
- Compliant with USB (low/full speed) standards.
- Supports international keyboard layouts in auto-detection mode.
- Supports Plug-n-Play specifications.
- Press MODE button on front panel to cycle through all 6 modes. LEDs indicate which mode is selected.
  - USER 1 Mode – Only USER 1 can type or move the mouse.
  - USER 2 Mode – Only USER 2 can type or move the mouse.
  - USER 3 Mode – Only USER 3 can type or move the mouse.
  - USER 4 Mode – Only USER 4 can type or move the mouse.
  - INST Mode – All user(s) have immediate access after last keystroke or mouse movement occurs on active user.
  - DELAY Mode – Locked out user(s) must wait five seconds after last keystroke or mouse movement occurs on active user.
- Available sizes: 2- and 4-port.

VOPEX®

VOPEX-USBH-2

DVI/HDMI USB KVM Splitter

Allows up to four users to control one DVI/HDMI USB computer and access three USB devices.

- Allows up to four users (four USB keyboards, USB mice and DVI/HDMI monitors) to access one USB computer and up to three USB devices (printers, scanners, security cameras, etc.).
- Access one computer from multiple locations.
- Multiple users can enter data into the same program.
- Supports HDTV resolutions to 1080i and computer resolutions to 1920x1200.
- Compliant with HDMI 1.2, HDCP 1.1 and DVI 1.0 standards.
- Available with optional stereo audio.
- Compliant with USB (low/full speed) standards.
- Supports Plug-n-Play specifications.
- Press MODE button on front panel to cycle through all 6 modes. LEDs indicate which mode is selected.
  - USER 1 Mode – Only USER 1 can type or move the mouse.
  - USER 2 Mode – Only USER 2 can type or move the mouse.
  - USER 3 Mode – Only USER 3 can type or move the mouse.
  - USER 4 Mode – Only USER 4 can type or move the mouse.
  - INST Mode – All user(s) have immediate access after last keystroke or mouse movement occurs on active user.
  - DELAY Mode – Locked out user(s) must wait five seconds after last keystroke or mouse movement occurs on active user.
- Available sizes: 2- and 4-port.

ARM-WL-LCDKB-L

Wall Mount LCD Arm with Keyboard/Mouse Holder

Ergonomic, articulating LCD arm saves desktop space.

- Swing out adjustable mouse tray.
  - Mouse tray can be switched for right or left hand users.
- Load capacity: 10 to 18 lbs.
- Range of motion:
  - Arm side-to-side rotation: 180°.
  - Arm vertical adjustment: 90°.
  - Monitor tilt adjustment: 45° up and 25° down.
  - Monitor side-to-side rotation: 180°.
  - Portrait/landscape rotation: 90°.
- Includes:
  - VESA 75mm LCD pivot head.
  - VESA 75mm to VESA 100mm conversion kit.
  - Keyboard platform with mouse tray.
  - 380mm (15 in.) adjustable arm.
  - Wall mount bracket (with anchor screws).
- Color: white.

ADDER, Cibernética y Electrónica

Espigones No 9, Colonia las Aguilas
Delegación Álvaro Obregón
CP: 01710, Distrito Federal
Mexico
Tel: +(52 55) 55936515 Ext 103
Fax: + (52 55) 55936515 Ext 116
Email: presupuestos@adder.com.mx
Web: www.adder.com.mx

Mexico

Anixter Canada

200 Foster Crescent
Mississauga, Ontario, L5R 3Y5
Canada
Tel: 905-502-2356
Fax: 905-502-2154
Email: rocky.rodrigues@anixter.com
Web: www.anixter.ca

Canada

Genesis Technologies Limited

House-310, Road-21
New DOHS Mohakhali
Dhaka-1206
Bangladesh
Tel: +88 02 9886205 or +88 02 9886207
Email: info@gtl.com.bd
Web: www.gtl.com.bd

Bangladesh, Bhutan, Nepal

Interworld Electronics

933 Glenhuntly Road
Caulfield South, VIC 3162
Australia
Tel: 613-9593-7555
Fax: 613-9563-5033
Email: ieci@ieci.com.au
Web: www.ieci.com.au | www.ntikvm.com.au

Australia

ITM Components Ltd.

10 Whittle Rd
Ferndown Industrial Estate
Wimborne, Dorset BH21 7RU
UK
Tel: +44 (0) 1202-872-771 | +353 (0)15262722
Fax: +44 (0) 1202-871-052
Email: techsales@itm-components.co.uk
Web: www.itm-components.co.uk | www.nti1.co.uk

UK, Hungary, Czech Republic, Ireland, Spain

KVM Technologies

Uznoportovaya, 5
Moscow, 115088
Russia
Tel: +7 495 648 67 41
Email: info@kvmtech.ru
Web: www.kvmtech.ru

Russia, Belarus, Kazakhstan, Moldova, Ukraine, Uzbekistan

Metacom

Condor 750, Santiago
Chile
Tel: +56 2 8628000
Fax: +56 2 8628005
Email: mgutierrez@metacom.cl
Web: www.metacom.cl

Chile

PICTROL

Box 810
SE-191 28 Sollentuna
Sweden
Tel: (46-8) 358036
Fax: (46-8) 7672447
Email: pictrol@pictrol.se
Web: www.pictrol.se | www.nti1.se

Sweden, Denmark, Iceland, Norway

PT. GLOBAL MEGA VISION

Rasuna Office Park #UO-12
Rasuna Epicentrum Complex
Jl. HR. Rasuna Said, Jakarta Selatan, 12960
Indonesia
Tel: +6221 83780058 / 59
Fax: +6221 70709720
Email: johannes@gmv.co.id | jphutagalung@gmail.com
Web: www.gmv.co.id

Indonesia

Smart Solutions System Pte Ltd

808 French Road,
#02-13
Singapore 200808
Tel: 65-6298 9821
Fax: 65-6233 9403
Email: sales@smartsolutions.com.sg
Web: www.smartsolutions.com.sg | www.ntikvm.com.sg

Singapore, Philippines, Brunei, Vietnam, Thailand

Topnet Distribution FZCO

K-11, Dubai Airport Free Zone
PO Box 54791, Dubai
UAE
Tel: +971-4-2991162
Fax: +971-4-2991163
Email: ganesan@topnet.ae
Web: www.topnet.ae | www.nti1.ae

UAE, Kuwait, Oman, Lebanon, Qatar, Yemen

U.T.E. Electronic GmbH & Co. KG

Friedrich-Ebert-Str. 112A
58454 Witten
Germany
Tel: (49-0) 2302-28283-0
Fax: (49-0) 2302-28283-10
Email: info@ute.de | info@kvm-switche.de
Web: www.ute.de | www.ntikvm.de

Germany, Austria, Belgium, Netherlands, Poland, Switzerland

NETWORK
TECHNOLOGIES
INCORPORATED
1275 Danner Dr • Aurora, OH 44202
© 2016, Network Technologies Inc. All rights reserved.
Call Toll Free: 1-800-742-8324
Visit us on the Web: www.networktechinc.com

PRINTED WITH SOY INK®

FSC www.fsc.org
MIX
Paper from responsible sources
FSC® C006293