NTI unimux-4x16-u 4x16 VGA USB KVM Matrix Switch

Hosts

- Female 15-pin HD and female USB Type B connectors.
- Multiplatform support: Windows 2000/XP/Vista/7, Windows Server 2000/2003/2008, Solaris, Linux, FreeBSD, and MAC OS 9/10.
- Supports PCs with USB-enabled OS (Windows 98/ME/2000/XP, Windows Server 2003, Linux) and USB ports.
- Supports PCs with USB-enabled BIOS (legacy USB support) and USB ports.
- Supports SUN Blade 100, SUN Blade 1000, SUN Fire™ 240 and SUN Ray.
- Supports MAC G4, G5 and Xserve.
- Supports MAC soft (keyboard) power-on.
- Any legacy PS/2 or SUN computer can be connected by using a USB-PS2-R or USB-SUN-R adapter.

Monitor

- Crisp and clear 1920x1200 resolution.
- Female 15-pin HD connectors.
- A multiscan VGA monitor is required to display the different video outputs from different platforms.
- Bandwidth is 150 MHz.

Cables

- Interface cables between your computers and the switch are required for proper operation. Use USBVEXT-xx-MM and standard interface cables to connect switches to computers.
- Cables not included.

Environmental

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

Devices

- Sets of female USB Type A connectors for keyboards and mice.
- Compatible with most USB keyboards and mice, including Microsoft USB Intellimouse®, Logitech Cordless Elite Duo keyboard and mouse, Gyration keyboard/mouse, Crystal Vision keyboard with touchpad, and iKey DI-5K USB.
- Keyboard and mouse are hot-pluggable.
- USB MAC and SUN startup keys are supported on all platforms of input devices.
- Keystrokes are translated across platforms.

Power

- 110 or 220 VAC at 50 or 60 Hz.
- Power consumption: 10-40W
- Use the PWR-48V-5V2A DC-DC power converter to install the UNIMUX-2X8-U in a Telecom environment.

Regulatory Approvals

- CE, RoHS
- TAA compliant

Warranty

- Two years

CONTROL

Keyboard

- Type **<Ctrl> + <`>** to go into **Command Mode.**
- Press **<ESC>** to leave **Command Mode** and return to**Normal Mode**.
  Use the keyboard to command the switchbox to select ports or configure the **Scan, Sharing** and **Broadcast Modes**.
  - **Normal Operating Mode** allows the user to directly operate the selected computer with a transparent presence of the NTI switch.
  - **Sharing Mode** allows users to share the same computer.
  - **Command Mode** allows the user to give instructions to the switch through their keyboard. Keystrokes are not passed to the computer.

- **Scan Mode** feature causes the switch to automatically and sequentially display the video from each selected powered on computer for a duration of 2-255 seconds (programmable by the user).
- **Broadcast Mode** allows the user's keystrokes to be sent to all selected powered on computers.

RS232 Control

- Standard feature on the rackmount units.
  Control
  - Female DB9 connector.
  - Baud rate 300 through 9600, DIP switch selectable.
  - Use DIP switches to address up to 15 units, all of which can be daisy-chained and controlled by one serial port.
  - Seven segment displays show what input is connected to each output.
  Commands
  - **RS –** causes switch to reset so that IN1 connects to OUT1, IN2 connects to OUT2.
  - **CS –** causes one INx/OUTx connection to occur.
  - **CA –** causes all inputs to connect to specified output.
  - **RO –** reads what input is connected to specified output.
  - **RU –** reads size of matrix, reports number of inputs and number of outputs on specified switch.

Front Panel Interface

- Locally change ports with front panel buttons.
- Use front panel buttons to move through LCD screens and execute actions.
- LCD indicates currently selected port for each user.
- Use buttons to configure RS232 control.
  - Change baud rates for RS232.

On Screen Display (OSD)

- Standard feature on the rackmount units.
- Use keyboard or mouse to operate the switch from menus superimposed onto your monitor.
- Type **<CONTROL> + <`>** to activate OSD.
- **Control, Scan, & Broadcast** functions.
- View vital port information.
- Search for ports by name.
- **Search Mode** lets the user type in the first few letters of the computer's name and the OSD will locate it.
- Names can be up to 12 characters long.
- Shows names of computers on cascaded switches up to 128 ports.
- Displays the computer's platform next to its name.
- Modify the size and position of the OSD.
- Help Screens assist users with the OSD.
- OS- and software-independent.
- Our OSD comes built into your switch, so you do not have to install additional hardware or software.
  Security Features built into OSD
  - Advanced security included with switch.
  - Each user password & name can be up to 15 characters long, and each switch can store up to 63 users.
  - Administrator can enable or disable all security features and select which computers each user can access.
  - Once security is enabled, a user or administrator must "login" in order to access any of the computers connected to the switch.