NTI keemux-p2 2-Port VGA PS/2 KVM Switch

Hosts

- Female 15-pin HD and female 6-pin miniDIN connectors.
- Compatible with all PS/2-style PCs and laptops, HP9000, Silicon Graphics and IBM RS6000 workstations.
- Compatible with SUN Fire V20z.
- Multiplatform support: Windows 2000/XP/Vista/Server 2000/2003/2008, Linux, and FreeBSD.

Monitor

- Female 15 pin HD connectors.
- Supports 1900x1200 resolution with no degradation.
- Bandwidth is 150 MHz.

Mouse

- Female 6-pin miniDIN connectors.
- Compatible with all standard 2-button PS/2 mice as well as the following:
    - Alps Glidepoint Touchpad – extended functions (i.e. tapping, etc.) are not supported.
    - Cirque Glidepoint Touchpad.
    - IBM Scroll Point mouse – extended stick functions are not supported.
    - Kensington Orbit Trackball.
    - Logitech (and other) 3-button mice.
    - Logitech 2-button Wheel Mouse.
    - Microsoft Ballpoint mouse.
    - Microsoft IntelliMouse.

Keyboard

- Female 6-pin miniDIN connectors.
- Keyboard and mouse presence are emulated 100% of the time so all computers boot error-free.
- Keyboard and mouse are hot-pluggable.
- PC switch will hard or soft boot all PCs 100% of the time.
- SCROLL-, CAPS- & NUM- LOCK lights update upon switching.

Power

- 110 or 220 VAC at 50 or 60 Hz via AC adapter.
- Two-port switches draw power from attached computers.

MTBF

- KEEMUX-P8-R: 60,750 hrs

Environmental

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

Regulatory Approvals

- RoHS
- TAA compliant

Warranty

- 2 years

CONTROL METHODS

Front Panel Interface

- Touch a button and be connected to a CPU or change modes of operation.
- LEDs indicate currently selected port and mode of operation.
  Hold in any button for more than two seconds to go into**Scan Mode, Broadcast Mode** or **Command Mode**.

- **Normal Operating Mode**, the user can directly operate the selected computer with transparent presence of the NTI switch.
- **Scan Mode** feature causes the switch to automatically and sequentially display the video from each powered on computer for 2-255 seconds.
- **Broadcast Mode** feature allows the user's keystrokes to be sent to all powered on computers.
- **Command Mode** allows the user to give instructions to the switch through their keyboard. Keystrokes are not passed to the computer.

Keyboard

- Type **<CONTROL> + <`>** to go into **Command Mode**. (" ` " is the accent mark located on the same key as the tilde " ~ ")
- Press ESCAPE to leave **Command Mode** and return to**Normal Mode**
- **Scan Mode, Broadcast Mode** or **Command Modes** are available from the keyboard.

OPTIONS

RS232 Control

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, etc.
- 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.

On-Screen Display (OSD)

- Select computers by name with On-Screen Display (OSD). Not available on the 2-port switch.
- Use keyboard or mouse to operate the switch from menus superimposed onto your monitor.
- Type **<CONTROL> + <`>** to activate OSD.
- **Control, Scan,** and **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.
- View names of computers on cascaded switches up to 128 ports.
- Modify the size and position of the On-Screen Display.
- Help Screens assist users with the OSD.
- OS and software independent.
- OSD comes built into the switch – no need to install additional hardware or software.

Security Features built into OSD

- Advanced security included with switch.
- Each user password and 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.

Rackmount Enclosure

- All PS/2 KVM switches are available in a rackmount enclosure.
- Add "-R" to Part # for rack mounted in a 19" (483 mm) metal case.