

# LEGACY SUN PC KVM SWITCH

Control up to 32 PC and SUN computers



**NODEMUX® ST-8UO (Front and Back)**

## Features & Applications

The NODEMUX® Legacy SUN PC KVM Switch allows one keyboard, monitor and mouse to control up to 32 computers. Dedicated internal microprocessors emulate keyboard and mouse presence to each attached computer 100% of the time, so all computers boot error-free.

- Compatible with legacy PS/2 and SUN computers.
- Cascade 4, 8 or 16-port units from one switch to control up to 152 computers.
- Supports crisp and clear 1900x1200 video resolution.
- Available with touch screen options.
- Well developed code – supports more keyboards, mice and computers than any other KVM.

## Specifications

### Hosts

- 15-pin HD and female 8-pin miniDIN connectors.
- Supports legacy PS/2 and SUN computers.
- Multiplatform support: Windows 2000/XP/Vista/Server 2000/2003/2008, Solaris, Solaris x86, Linux, and FreeBSD.

### Monitor

- Supports 1900x1200 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.

### Devices

- Female 8-pin miniDIN connectors.
- User devices can be PS/2 or SUN.
- Keyboard and mouse are hot-pluggable.
- User keyboard and mouse must be of the same platform.

### Power

- 110 or 220 VAC at 50 or 60 Hz via AC Adapter.
- The smaller models use AC adapters as their power source. Regulatory Approvals
- CE, RoHS (CE available on all models except ST-2U.)

## Built-in 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.

### RS232

- 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.

### Keyboard

- **Scan Mode, Broadcast Mode** or **Command Mode** are available from keyboard.

### On Screen Display (OSD)

- Use keyboard or mouse to operate universal switch from menus superimposed onto your monitor.
- Select or list computers by name or port number.
- OS and software independent.
- OSD built into the switch – no need to install additional hardware or software.

## Ordering Specifications

This example explains the NTI part number by breaking it down into the available options. When ordering, choose the options that you require.

**ST** - Number of Ports: **x** ("x" = 2, 4, 8, 16, 32)  
 Universal KVM Switch: **U**  
 Standard Control Method: **O** (O = OSD, Not available on 2-port switch)  
 Optional Touch Screen Support: **TS** (Available on 2-, 4- and 8-port switches.)

### SUN PC KVM Switches

NTI Part #	# of CPUs	Desktop Size WxDxH (mm)	Rack Units	Rack Size WxDxH (mm)
ST-2U	2	203x157x66	NA	NA
ST-2UR	2	NA	1RU	483x254x44
ST-4UO	4	338x150x44 (without rackmount kit)	1RU	483x254x44 (with rackmount kit)
ST-8UO	8	338x150x44 (without rackmount kit)	1RU	483x254x44 (with rackmount kit)
ST-16UO	16	NA	2RU	483x254x89
ST-32UO	32	NA	4RU	483x254x178

## Cables

- Interface cables between your computers and the switch are required for proper operation. Cables not included.
- Refer to [www.networktechinc.com/srvsw-stu.html](http://www.networktechinc.com/srvsw-stu.html) for necessary cables.