

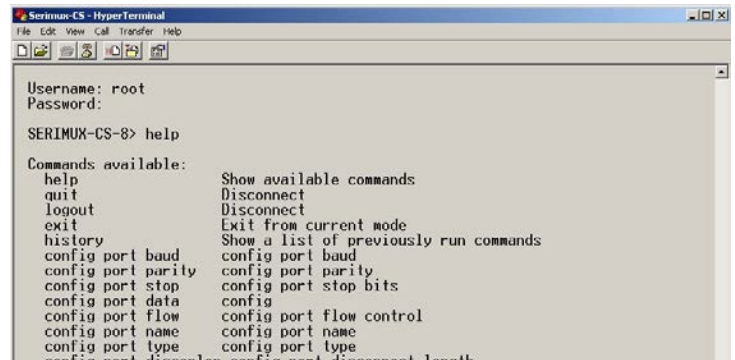
Manage up to 16 IT devices – routers, switches, hubs, etc.

- Eliminates the need to connect each device to an ASCII terminal or PC.
- Connect up to 16 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).
- Power cycle without halting SUN host computer.
 - No inadvertent “break” signals are generated to cause unintentional rebooting of SUN computers.
- High quality, rugged steel construction with durable powder coat finish.
- Command Line Interface via Telnet for advanced management functions.
- Connects to console serial ports using standard CAT5/5e/6 cables and cable adapters.
 - Maximum cable length is 100 feet (30 meters).
- Two operator levels (administrator and user).
- Switching is simplified with programmable device names and menu-driven device selection.
 - All configuration parameters are stored in non-volatile EEPROM.
- Built-in data buffers save the most recent RS232 console output from each connected device, which simplifies troubleshooting failures.
- 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.
- Manage server farms or data centers via serial ports and standard external modems.
- 1RU rackmount kit included.
- Contact an NTI product consultant for Ethernet control option, dual power option, and sizes up to 32 ports.



SERIMUX-CS-16 (Front & Back)

The SERIMUX® Console Switch gives IT managers the ability to cost effectively manage serial devices, including servers, switches, routers, and telecom gear. The switch can be controlled via an ASCII terminal with menu-driven integrated software or the front panel keypad.



Screenshot of the Command Line Interface

Specifications

Compatibility

- Supports most devices with an RS232 serial port.

Serial Interface

- 8 or 16 RJ45 EIA-232 serial port connectors.
 - Contact an NTI product consultant for other sizes up to 32 ports.
- One RJ45 EIA-232 console port connector.
- Flow control: Hardware (RTS/CTS), Software (XON, XOFF), both or none.
- Signals: TXD, RXD, DSR, DTR, CTS, RTS, DCD
- Data transfer rate: up to 115.2K baud between two ports.
 - Two ports can be at different baud rates.

Environmental

- Operating temperature: 32 to 100°F (0 - 38°C).
- Storage temperature: -22 to 140°F (-30 - 60°C).
- Operating and storage relative humidity: 5 to 90% non-condensing RH.

MTBF

- SERIMUX-CS-8: 54,652 hrs
- SERIMUX-CS-16: 53,238 hrs

Dimensions

- Without supplied rackmount kit WxDxH: 15.32x6.13x1.75 in (389x156x44 mm)
- With supplied rackmount kit WxDxH: 19x6.13x1.75 in (483x156x44 mm)

Power

- Input: 100 to 240 VAC at 50 or 60 Hz via IEC connector. (Country-specific power supply cable included.)
- Power consumption:
 - SERIMUX-CS-8: 5W
 - SERIMUX-CS-16: 10W
- Contact an NTI product consultant for optional dual power.

Regulatory Approvals

- CE, RoHS
- TAA compliant

Warranty

- Two years

Adapters

- Four cable adapters are included with the SERIMUX.
 - DB-25F to RJ45 console adapter.
 - DB-9F to RJ45 console adapter.
 - DB-25M to RJ45 console adapter.
 - DB-25M to RJ45 modem adapter.
- Additional adapters available.

Cables

- Use CAT5, CAT5e or CAT6 UTP straight through cable for TIA/EIA-568B wiring terminated with standard RJ45 connectors.
- Cables not included.

Console Serial Port Switch

SERIMUX®

Manage up to 16 IT devices – routers, switches, hubs, etc.

Built-In Control Methods

- Front panel keypad.
 - Secured by a user-defined numeric password.
- Menu-driven integrated software via serial terminal console.

Command Line Interface

- Remote administration and maintenance of the SERIMUX Console Serial Port Switch.
- Execute frequently performed configuration tasks through script files.
- Save the configuration of the switch, and perform configuration restoration if needed.
- Restore default configuration parameters to specific parts of the switch, while leaving other custom configuration parameters intact.

Administrative Controls

- View and/or modify port parameters.
- View and/or modify user passwords and parameters.
- Restore default configuration parameters.
- Connect or disconnect port connections.
- Change/disconnect users, administrators, passwords, etc.
- Initiate modem connection to local ports.
- Inspect buffered data.
- View/delete port-buffer (data-log) contents.
- User passwords become “invisible” while viewing the buffers.

Adapters



DB9F-RJ45F

- Adapter to connect DB-9M serial ports to the SERIMUX.



DB25F-RJ45F

- Adapter to connect DB-25M serial ports to the SERIMUX.



DB25M-RJ45F-C

- Adapter to connect a modem to the SERIMUX.



DB25M-RJ45F-T

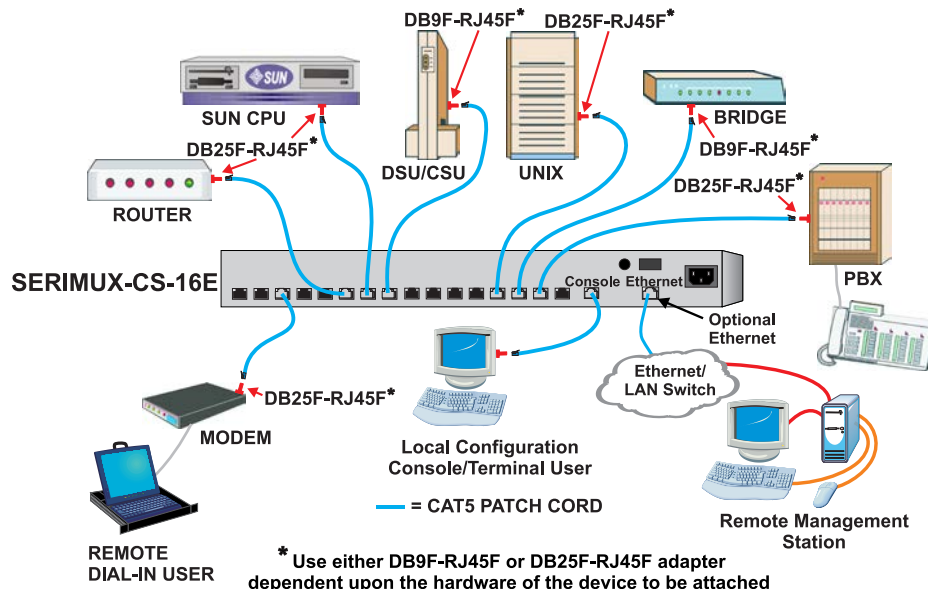
- Adapter to connect DB-25F serial ports to the SERIMUX.



RJ45MF-RS232-CO

- Serial RS232 Crossover using RJ45 connectors (Male to Female)
- Connects: (DTE to DTE) or (DCE to DCE)
- 8P8C

Configuration and Cable Illustration



Console Serial Port Switches

NTI Part #	# of Ports
SERIMUX-CS-8	8
SERIMUX-CS-16	16