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

The SERIMUX-CS-16 (Front & Back)

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

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.
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**

<table>
<thead>
<tr>
<th>NTI Part #</th>
<th># of Ports</th>
</tr>
</thead>
<tbody>
<tr>
<td>SERIMUX-CS-8</td>
<td>8</td>
</tr>
<tr>
<td>SERIMUX-CS-16</td>
<td>16</td>
</tr>
</tbody>
</table>

* Use either DB9F-RJ45F or DB25F-RJ45F adapter dependent upon the hardware of the device to be attached.