



Systemtech

NDS/6000 Series Network Device Servers

Serial to IP Network Device Servers for Retail and Industrial Requirements

Systemtech designs, develops and manufactures families of network servers that connect serial devices to 10/100 Mbit Ethernet networks or to the Internet. The NDS/6000 family is characterized by high reliability, superior software functionality, expanded hardware interfaces and easy remote installation.

Systemtech NDS/6000 Network Device Servers are targeted at users with needs to manage, control and share access serial peripheral devices and multi-site networks over the Internet or intranet using standard protocols.

By using our NDS/6000 serial-to-IP solutions for LAN-attached serial port expansion and remote monitoring, existing investments in serial based peripherals and devices can be maintained.

Whatever your specialized need, the NDS/6000 family uses industry standard TCP/IP and telnet protocols to ensure open-systems connectivity. Each DB-9 serial port is software selectable to RS-232, RS-422 or RS485 with no external cabling...*saving the cost and complexity of some competitive solutions that offer only a single physical interface.*

Systemtech device servers are the clear choice of leading OEMs and integrators for a broad range of serial-to-IP applications. So contact your favorite Systemtech reseller today, and accelerate your company's transition to IP-based communications!



Systemtech NDS/6000 network device servers provide LAN-attached serial port expansion, remote monitoring and IP routing. For developers and OEMs with unique protocol conversion, monitoring and routing needs, Systemtech's Developer's API is available to create custom added-value.

❖ **2, 4, and 8 Port Product Models**

- **LAN-Attached Serial Port Expansion**
- **Ethernet Switch**
- **Remote Monitoring**
- **IP Routing**

❖ **Electrical Interfaces (all models)**

- **RS232 or 422/485**
- **Software Selectable**

❖ **DB9 Physical Interface**

❖ **Bundled Software**

- **NativeCOM Port Redirection for Windows**
- **Remote Device Monitoring**

❖ **RoHS Compliant**





Systemch *NDS/6000 Series* Network Device Servers *Technical Specifications*

IP Protocol Support

All Models

IP, TCP/IP, HTTP, Telnet, rTelnet, DHCP/BootP, LPD

Models 6008

Plus: SLIP, PPP, Rlogin, Dial On-Demand, Network Address Translation

Security & Encryption

CHAP PAP Radius
Password Protected Configuration
SSL (optional)

Remote Management & Diagnostics

Field Upgradeable Flash
Remote & Local Diagnostics
Pin-level Diagnostics and Remote Trace
Web-Browser Remote Interface (SNMP MIB-II)

Hardware Interfaces

Ethernet 10 Base-T or 10/100 Base-TX
4 Mbytes in-circuit boot flash & program memory
16Mbytes SDRAM
External 110 to 240 VAC power supply; provides
± 5v DC to NDS and over current protection
Status LED indicators for each port

Packaging and Environment

Dimensions:

2/4 Port Models 3.9 x 2.5 x 1.2 inches (100 x 63 x 30 mm)

8 Port models 12.0 x 5.6 x 1.9 inches (305 x 143 x 48 mm)

CD-ROM configuration and documentation

ESD Protection; surge protection on each port

Operating Temp 0 to 50 degrees C

Storage Temp -10 to 70 degrees C

Humidity 10% to 90% non-condensing

5 -Year Warranty

Contact Systemch Sales: **1-800-800-8970**

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NDS/6102, NDS/6202

2 DB-9 serial ports
232/422/485, software selectable
Speed up to 230.4k baud
Model 6202 has built-in 4-Port switch



NDS/6104, NDS/6204

4 DB-9 serial ports
232/422/485, software selectable
Speed up to 230.4k baud
Model 6204 has built-in 4-Port switch



NDS/6008

8 DB-9 serial ports
232/422/485, software selectable
Speed up to 230.4k baud
Built-in 3-Port switch

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