



DECserver 90M+

Confidently manage your serial devices with multi-protocol connectivity



Establish communication with virtually any serial device with a reliable connection to manage your network from anywhere with Digital Networks' DECserver 90M+.

What you can do

- > Connect up to 8 serial devices to Ethernet/Internet.
- > Provide secure access for IT staff's management of network resources.
- > Deliver optimum data at speeds up to 230.4Kbps.
- > Gain access to attached serial devices through in-band management from anywhere on the LAN/WAN..
- > Connect to your serial devices even when the network is down with out-of-band management.
- > Reduce response time to events, minimize downtime, and increase productivity.
- > Support multiple user access to a single port.
- > Perform seamless migration from LAT to IP with legacy protocol support.
- > Print ASCII and postscript files with Line Printer Daemon (LPD).
- > Manage your serial device network with embedded DNAS (DECserver Network Access Software).

An ideal solution for many serial device applications, we have installations providing efficient, problem-free service for over 10 years of operation.

How does the DECserver 90M+ fit into the network?

The DECserver 90M+ provides access and local or remote management of any combination of serial devices.

- | | |
|------------------------------|--------------------------------|
| SAN Devices | Thermostats |
| Servers, Routers, & Switches | Security Cameras |
| Printers | Temperature Sensors |
| Modems | Card Readers |
| Medical Instruments | Point-of-Sale Terminals |
| Manufacturing Equipment | Time Clocks |
| Bar Code Scanners | Uninterruptible Power Supplies |
| Building HVAC Systems | Traffic lights |
| Process Control Equipment | Fire alarms |
| Vending Machines | and many more... |



Feature Set

- > Per port line speed up to 230.4Kbps
- > XON/XOFF Flow Control
- > Block mode transfers up to 2048 bytes
- > Multi-protocol support for IP, LAT, IPX, and AppleTalk networks
- > Supports LAT, Telnet, TN3270, Rlogin, LPD and DNS
- > Supports SLIP, CSLIP, and PPP with AUTOLINK
- > Supports Telnet Listener, Raw TCP Listener, and Reverse LAT
- > Supports PAP, CHAP, RADIUS, Kerberos V4, RSA SecurID, and CBCP or standard dial-back
- > FLASH RAM allows operating software to be stored onboard (no network load host required)

Ordering Information

RoHS Compliant

- DCSRV-PA DECserver 90M+, console cable (BN25G), and DNAS CD-ROM kit (KT-DNAS3-00) with license and softcopy documentation. Power supply not included.
- DCSRV-*** DECserver 90M+, power supply (H7082-AB), console cable (BN25G), and DNAS CD-ROM kit (KT-DNAS3-00) with license and softcopy documentation.

*** Denotes multiple variations for country-specific power cords.

RAR = US/Canada; RDR = Denmark; RER = United Kingdom; RIR = Italy; RKR = Switzerland; RTR = Israel; RXR = Central Europe; RZR = Australia; SJR = India

Non-RoHS Compliant (Available While Supplies Last)

- DCSRV-PAR DECserver 90M+, console cable (BN25G), and DNAS CD-ROM kit (KT-DNAS3-00) with license and softcopy documentation. Power supply not included. (RoHS Compliant)
- DCSRV-** DECserver 90M+, power supply (H7082-AB), console cable (BN25G), and DNAS CD-ROM kit (KT-DNAS3-00) with license and softcopy documentation.

** Denotes multiple variations for country-specific power cords.

RA = US/Canada/Japan; RD = Denmark; RE = United Kingdom; RI = Italy; RK = Switzerland; RT = Israel; RX = Central Europe; RZ = Australia; SJ = India

Miscellaneous Parts & Cables

Part Description	RoHS	Non-RoHS
Power Supply Unit (for standalone option)	H7082-ABG	H7082-AB
DB9 Null-modem Adapter (requires BN25G patch cord)	H8585-AAG	NA
Straight-through Cat 5E Patch Cord RJ45 on each end (xx = length in meters: -01; -03; -04, -07, -0B, -0E)	BN25G-xx-5EG	BN25G-xx-5E
DECserver Network Access Software v3.x CD-ROM kit with license and softcopy documentation.	KT-DNAS3-00	NA
MultiStack Tray (Rack mount option)	NA	DETRX-**

** Denotes multiple variations for country-specific power cords. SA = US/Canada/Japan; SD = Denmark; SE = United Kingdom; SI = Italy; SK = Switzerland; ST = Israel; SX = Central Europe; SZ = Australia; TJ = India

Specifications

Ethernet

10BaseT RJ45 or
Thinwire via Backplane Only

Asynchronous Ports

8-RJ45
EIA-423
DEC-423-A
RS232 compatible

Asynchronous Port Speed

75bps to 230.4Kbps

Modem Control

DTR/DSR

RAM

8 MB

Flash

4MB onboard

Physical

Height: 3.18cm (1.3 in)
Width: 7.31 cm (2.9 in)
Depth: 12.70 cm (5.0 in)
Weight: 1.00 kg (2.2 lb)

90M+ Power

Power Consumption: 5 Watts
Voltage: 5.1 VDC
Current: 0.3a Type, (1a max)

H7082-AB Power

Voltage, North America: 104 VAC to 128 VAC (nominal 120 VAC)
Voltage, International: 208 VAC to 256 VAC (nominal 240 VAC)
Current at 120V: 0.25 A
Current at 240V: 0.125 A
Frequency: 50 Hz to 60 Hz

Operating Environment

Temperature: 5° C to 50° C
(41° F to 122° F) Class C
Max rate of change: 20° C/hr
(36° F/hr)
Relative Humidity: 10% to 95%
(non-condensing)
Dew point: 2° C (36° F) maximum
Altitude: Sea level to 2.4 km
(8000 ft)

Environmental

RoHS Compliant

Digital Networks

US H.Q. DNP LLC, 20 North Wentworth Avenue, Londonderry, NH 03053 USA.
Toll Free: (877) 341-9594 Telephone: (603) 216-6000 Web: www.digitalnetworks.net