



The DECserver 716/732 provide the in-band and out-of-band access you need to connect to, monitor, and control any serial device in your network.

DECserver 716/732

Quick Start Guide
May 2006



Thank you for purchasing the DECserver 716/732. This Quick Start Guide explains the basics: how to connect and set up your DECserver so it will work on the network, how to set up local users and how to access device ports. For more detailed information, refer to the user documentation on the CD-ROM supplied with this product or on the Digital Networks website: www.digitalnetworks.net.

Package Contents

After unpacking the FDDI Gateway, check the contents of the box to be sure you've received the following components:

- One DECserver 716 or 732
 - One Console Cable – BN25G-03
 - One CD-ROM: DNAS Operating Software, License, Documentation – KT-DNAS3-00
 - One DB9 Null Modem Adapter – H8585-AA
 - One Line Cord – 17-00606-02
 - Two Rackmount Brackets – 850A0007-00
 - One 2MB Flash Card* with DNAS Operating Software
- *Included with DSRVW-JC and DSRVW-KC models only

Installing the DECserver

Refer to the Hardware Description section on page 2 of this document

- Install the unit in a 19-inch rack or on a flat surface.
- Connect serial equipment to the numbered device ports on the front of the unit using the appropriate cables and adapters. (4)
- Connect the unit to the network through at least one of the network ports (8) (12)
- If you have an optional flash card, install the flash card at this time in the slot provided (3)

NOTE: The local site will need DNAS configured to a load host if a flash card was not purchased with the DECserver

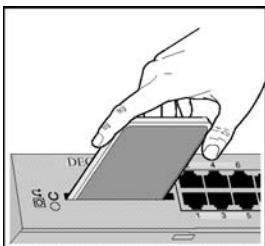
The console port of the DECserver is Port 1, and it allows a dumb terminal or PC with terminal emulation software to locally access management functions and connected devices.

- Attach the H8585-AA adapter to a PC COM port interface with a DB9.
- Configure a local terminal emulation to the selected COM port.
- Connect the BN25G-03-5E cable to Port 1 on the DECserver and to the H8585-AA adapter.

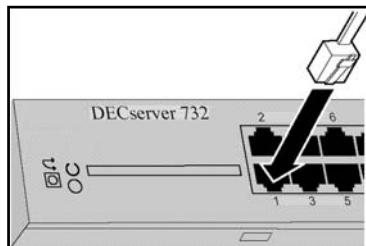
OPTIONAL: Connect a dumb terminal to port 1 of the DECserver

- Connect the power cord and apply power
- Wait about a minute and a half for the boot process to end.

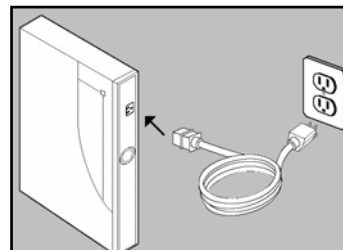
The DECserver will fail to boot unless the DECserver is connected to a network. If the DECserver 732/716 fails with a "5" flashing in the LED, check the network connections for correct cable use and secure connections.



D. Installing the Flash Card



G. Connecting the Console Cable



H. Applying power

IP Addressing

The DECserver Ethernet network port defaults to the BootP-assigned IP addresses. If you want to assign a different IP address, it must be within a valid range, unique to your network, and with the same subnet mask as your workstation.

Subnet mask (if not already assigned): IP address (if not already assigned): Gateway: DNS:

Configuring IP Network Settings

The fastest way to set basic network parameters is by using the DNAS configuration Wizard command line interface.

Local> wiz

Using the information from the IP addressing worksheet above, answer the prompts as they appear.

Hardware Description

The following diagram shows the front panel components of both models:

(1) Reset to Factory Default Switch

On power up: Press this switch until the System OK LED blinks. This resets the DECserver with factory defaults. If this switch is held in during the Flash load, the Flash load aborts and the system reboots.

(2) System OK LED

On: Power On; Off: Power Off.

(3) Flash Card Slot

An opening for an optional Flash Card

(4) EIA/TIA 423

Asynchronous RJ45 ports; Compatible with RS232 and RS422

(5) Seven-segment Display

Shows error/status information: Blinking: Error during self-test; Off: Failed self-test; Rotating Figure 8: Image loaded and running.

(9) AUI LED Selection

On: AUI port selected; Off: No AUI port selected

(10) 10Base-T LED

On: 10Base-T port selected; Off: No 10Base-T port selected.

(11) LNK Port LED

Green: 10Base-T port connection to an active network. Off: No 10Base-T port connection to an active network.

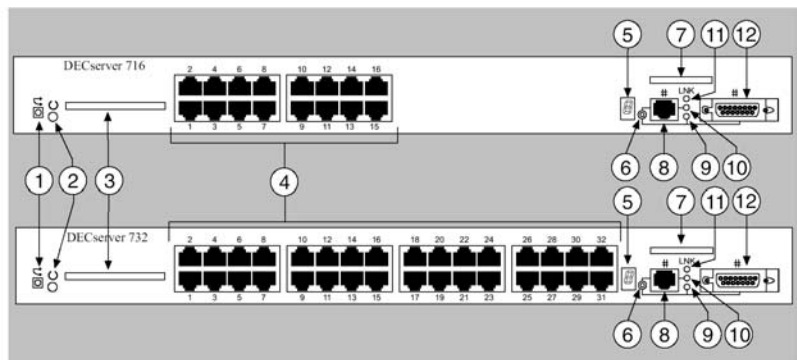
(12) AUI Port

Ethernet connection via an AUI port connection

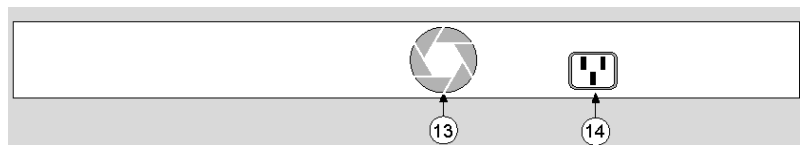
(13) Fan (on back panel)

(14) Power Connector (on back panel)

Receives AC from an outlet



Front Panel



Back Panel

How to Get Help

Web Access

<http://www.digitalnetworks.net>

Telephone Access

North America: (603) 216-6000
North America Toll Free: (877) 341-9594
EMEA: +44 1256 855600

Warranty Coverage

Contact Digital Networks using any of the methods listed above for information about the standard and extended warranties.