



SPECIFICATIONS

Clear channel and Bonding mode 1 call protocols

Network support for 64 kbps (1 B-channel) or 128 kbps (2 B-channels)

D-channel switch compatibility with AT&T 5ESS, Northern Telecom DMS-100, and National ISDN-1

V.54 network loopback support

INSTALLATION INSTRUCTIONS

1. Remove power from the base unit.
2. If the Network Interface Module (NIM) is already in the NetVanta chassis, release the pins at both edges of the NIM faceplate and slide the module out of the chassis.
3. Carefully align the P1 connector on the NIM with the J1 connector on the ISDN BRI DIM. *Using only fingertip pressure* so that neither circuit board bends or flexes, ensure that the connectors are firmly seated. Secure the ISDN BRI DIM to the NIM using the screws and standoff posts supplied.

INSTALLATION INSTRUCTIONS (CONTINUED)

4. Slide the NIM with the ISDN BRI DIM attached into the NetVanta option slot until the NIM is firmly seated against the back of the chassis.
5. Secure the pins at both edges of the NIM.
6. Connect the cables to the associated device(s)
7. Complete installation of the base unit.
8. Restore power to the base unit.

ISDN DBU (RJ-48C) CONNECTION PINOUT

| Pin | Name | Description |
|-----|------|--------------|
| 1-3 | — | Unused |
| 4 | R | Network-Ring |
| 5 | T | Network-Tip |
| 6-8 | — | Unused |

ISDN BRI DIM COMMANDS

alias <text>

Comment line to provide the text name assigned by the SNMP network management system.

bonding txadd-timer <seconds>

Specifies the aggregate call connection timeout.

bonding txcid-timer <seconds>

Specifies the bearer channel (B-channel) negotiation timeout.

bonding txdeq-timer <seconds>

Specifies the network delay equalization timeout.

bonding txfa-timer <seconds>

Specifies the frame pattern detection timeout.

bonding txinit-timer <seconds>

Specifies the originating endpoint negotiation timeout.

bonding txnull-timer <seconds>

Specifies the answering endpoint negotiation timeout.

caller-id override always <number>

Forces a replacement of the incoming caller ID number with the number given. The received caller ID, if any, is discarded, and the given override number is used to connect the incoming call to a circuit of the same number. Use **no caller-id override** (default) to disable any caller ID overrides.

caller-id override if-no-CID <number>

Allows a replacement of the received caller ID number, but only if there is no caller ID available on the incoming call. The received caller ID, if available, is used to connect the call. However, if no caller ID is received, the given override number is used to connect the incoming call to a circuit of the same number.

description <text>

Comment line to provide an identifier for this interface (for example, circuit ID, contact information, etc.).

<text> Up to 80 alphanumeric characters

isdn spid1 <spid string> <LDN>

Programs the first Service Profile Identifier (SPID) and Local Directory Number (LDN) for the Basic Rate ISDN (BRI) interface.

This information should be supplied by your service provider.

<spid string> Number string (usually ending in a 01 or 02 sequence) registered by the terminal adapter for identification.

<LDN> Number string representing the phone number associated with the BRI interface.

isdn spid2 <spid string> <LDN>

See **isdn spid1**.

shutdown

Turns off the interface. The **no** version of this command turns the interface on and allows it to pass data.

switch-type {*basic-5ess* | *basic-dms* | *basic-ni*}

Specifies the signaling type configured on the BRI interface. The type of ISDN signaling implemented on the BRI interface does not always match the manufacturer of the CO switch.

This setting is determined by your service provider.

basic-5ess Lucent/AT&T 5ESS signaling

basic-dms Nortel DMS-100 (non SL-1 version) signaling

basic-ni National-ISDN 1 signaling