## IBM 8275 Model 113 Identification

| | |
|---|---|
| Building/Room/Rack | _____ |
| Unit Number | _____ |
| Serial Number | _____ |
| MAC Address | _____ |
| IP Address | _____ |

## Contact Identification

| | |
|---|---|
| **Network Administrator** | _____ |
| Telephone | _____ |
| **Service Contact** | _____ |
| Telephone | _____ |

## IBM Support Information - WWW

Download latest code, fixes, and technical tips for your IBM products.  You can also register to receive e-mail notifications about your products.

`http://www.networking.ibm.com/support`

## Troubleshooting

1. Determine if fan is running; if not, test the ac power outlet.
2. Remove and reattach all cables.  Check all cables, connectors, and ports for damage.
3. Verify that all configuration settings are correct.
4. Verify that the power-on self-test (POST) runs correctly.

## Preparing to Call the IBM Product Help Center

Gather the following information:

- Product model and serial number
- Proof of purchase
- Status of LEDs
- Description of problem
- Exact wording of SNMP traps (if any)
- Hardware and software configuration

If possible be near your 8275.  The technical support representative might want to walk you through a procedure during the call.

## Placing a Call to the IBM Product Help Center

- In the U.S.A., call the IBM PC HelpCenter at 1-800-772-2227.
- In Canada, call HelpPC at 1-800-IBM-SERV (1-800-426-7378).
- Outside of the U.S.A. and Canada, contact your place of purchase or your local IBM branch office.

## Replacement Parts

08L2952 8275-113 Ethernet Desktop Switch
08L2998 8275-113 100BASE-FX Uplink Module
08L2999 8275-113 10/100BASE-TX Uplink Module

## Getting Port Status (Control Panel)

Port numbers are located at the top of the control panel and indicate the following port statuses:

| Port Number | Outline Box | Port Status |
|---|---|---|
| Normal | Off | Port is available but link is down. |
| Bright | Off | Port is available and link is up. |
| Flashing | Off | Port is transmitting/receiving data. |
| Bright | On | Port is disabled by administrator. |
| Bright | Blinking | Port is auto-partitioned due to errors. |

Use the MENU, SCROLL, and ENTER keys to display port statistics.

- **MENU**–Return to the previous level
- **SCROLL**–Choose another topic within level
- **ENTER**–Go to next level or view status

| Level 1 | Level 2 | Level 3 |
|---|---|---|
| Utilization | | |
| Collision | | |
| Statistics | Port x | RX Frames |
| | | RX Octets |
| | | Multicast RX |
| | | Broadcast RX |
| | | RX Align ERR |
| | | RX CRC ERR |
| | | RX Jabbers |
| | | RX Fragments |
| | | Oversize RX |
| | | Undersize RX |
| | | TX Frames |
| | | TX Octets |
| | | Multicast TX |
| | | Broadcast TX |
| | | Pkt Loss |
| | | RX Overrun |

| Level 1 | Level 2 | Level 3 |
| --- | --- | --- |
| Port Status | Port *x* | (scrolling status) |
| | All Ports | 10MB Ports |
| | | 100MB Ports |
| | | Half Duplex |
| | | Full Duplex |
| | | Enabled |
| | | Disabled |
| | | Cut Through |
| | | Store Fwd |
| | | Buff Alloc |
| | | Buff Remain |
| Port Config | Ports 1-11 | Auto Nego |
| | | Full Duplex |
| | | Half Duplex |
| | | Cut Through |
| | | Store Fwd |
| | | Enable |
| | | Disable |
| | | BS Enable |
| | | BS Disable |
| | | Buff Mode H |
| | | Buff Mode M |
| | | Buff Mode L |
| | Ports 12-14, All | 10BASE-T |
| | | 100BASE-X |
| | | Auto Nego |
| | | Full Duplex |
| | | Half Duplex |
| | | Cut Through |
| | | Store Fwd |
| | | Enable |
| | | Disable |
| | | BS Enable |
| | | BS Disable |
| | | Buff Mode H |
| | | Buff Mode M |
| | | Buff Mode L |

| Level 1 | Level 2 | Level 3 |
| --- | --- | --- |
| Unit Config | Long Frame | Enable |
| | | Disable |
| | Console Lock | Enable |
| | Network Conf | IP Address |
| | | Subnet Mask |
| | | Def Gateway |
| | | Slip Addr |
| | Set Password | **** PSW |
| | Sys Restart | Continue |
| | | Cancel |
| | System Info | (scrolls) |
| | EIA232 Config | Baud Rate |

## Logging On (Control Panel)

- Scroll to find UNIT CONFIG; press ENTER
- Scroll to 1st digit of password; press ENTER
- Scroll to 2nd digit of password; press ENTER
- Repeat until all digits are entered

**Note:** A user's default password is 0000.

## Configuring Ports (Control Panel)

Configure port to match port at other end of the link. Ensure that duplex mode (Half/Full) and speed are identical.

- Select **PORT CONFIG**
- Select port number
- Scroll to view port settings. Selected settings are marked with an asterisk (*). Press Enter to change settings.

## Using the Console Program

To configure the 8275, connect a null-modem cable to the COM port of your PC and to the EIA 232 port of the 8275. Use a terminal emulator program to configure your PC COM port as follows:

- 9600 baud
- 8 data bits
- 1 stop bit
- No parity
- Hardware flow control—ON.

On the Logon panel, enter the user name and password.

**Note:** The default user name is ADMIN. This user name has no default password.

On the Main Menu:

- Tab and Arrow keys—navigate through the menu
- Enter—selects menu item
- Exit or Esc—returns to the previous display
- Help—displays keyboard commands

## Using Web Browser Management

You can use the Internet to configure the 8275. Enter the IP address in your Internet browser's address field. You are prompted for a user name and password.

**Note:** The default user name is ADMIN. This user name has no default password.

Use your 8275 documentation for an explanation of the information displayed.

8275 Quick Reference