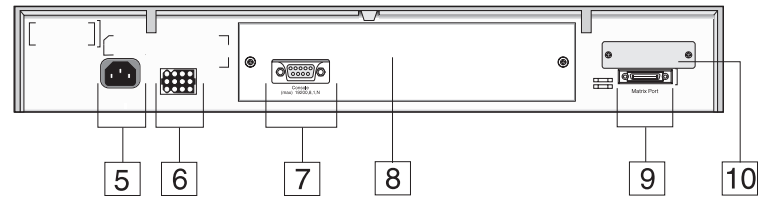
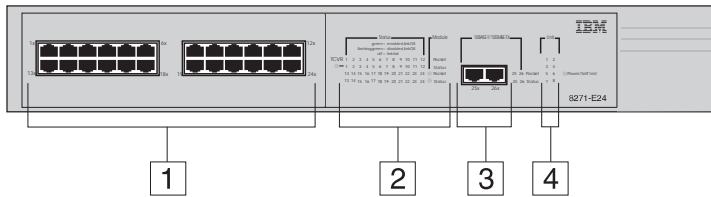




# 8271 NWAYS ETHERNET LAN SWITCH MODELS E12 AND E24 QUICK REFERENCE GUIDE

## Hardware Features



*Illustration shows Model E24 (24-port model). Port and LED layout is different for Model E12 (12-port model).*

- 1 10BASE-T Ports** These ports provide a 10Mbps bandwidth to Ethernet devices. The ports are configured as MDIX (cross-over) and support a maximum segment length of 100m (328ft) over Category 3, 4 or 5 twisted pair cable.
- 2 Status LEDs** Status LEDs provide a quick method of diagnosing problems. See "LEDs" for more information.
- 3 10BASE-T/100BASE-TX Ports** These auto-negotiating ports can automatically detect the speed of a link and provide a 10Mbps connection to Ethernet devices or a 100Mbps connection to Fast Ethernet devices. These ports are configured as MDIX (cross-over) and support a maximum segment length of 100m (328ft) over Category 5 twisted pair cable.
- 4 Unit LEDs** Unit LEDs indicate the position of this unit in the stack.
- 5 Power Socket** Insert the power cord into this socket to connect the Switch to the main power supply. Note that there is no On/Off button.
- 6 Redundant Power System (RPS) Socket** Use this socket to connect an RPS to the Switch, and protect against internal power supply failure.
- 7 Console Port** Use this port to connect a terminal or terminal emulator to the Switch, and therefore allow out-of-band management. The console port uses standard null modem cable and is set to auto-baud, 8 data bits, no parity, and 1 stop bit.
- 8 Expansion Module Slot** Remove the blanking plate to install an optional Expansion Module that provides an additional high-speed link, or a Matrix Module that provides four matrix ports for stacking up to four units.
- 9 Matrix Port** Use this port to stack two units with a single Matrix Cable, or use in conjunction with a Matrix Module and multiple Matrix Cables to stack up to four units.
- 10 Transceiver Module Slot** Remove the blanking plate to install a transceiver module and provide a 10Mbps connection. Transceiver modules are available for a wide range of media support. Contact your local supplier.

## LEDs

LED	Color	Indicates
TCVR	Yellow	Port 1 is a Transceiver Module fitted to the rear of the unit.
	Off	Port 1 operating as a 10BASE-T port.
<b>Port Status LEDs</b>		
<b>Packet</b>	Yellow	Packets are being transmitted/received on the port.
	Off	No traffic on this port.
<b>Status</b>	Green	Link is present, port is enabled.
	Green flashing	Link is present, port is disabled.
	Off	Link not present.
<b>Expansion Module Port Status LEDs</b>		
<b>Packet</b>	Yellow	Packets are being transmitted/received on the Expansion Module port(s).
	Off	No packets are being transmitted/received on the Expansion Module port(s).
<b>Status</b>	Yellow	A valid Expansion Module is installed.
	Yellow flashing	An unrecognized Expansion Module is installed.
	Off	No Expansion Module is installed.
<b>Unit LEDs</b>		
<b>1-8</b>	Green	Indicates the position of the Switch in the stack and that the link is OK. Only four Switch units can be stacked at present.
	Off	The Switch is not part of a stack.

LED	Color	Indicates
<b>Power/Self Test LED</b>		
	Green	The Switch is powered-up.
	Green flashing	Power On Self Test or software download in progress.
	Yellow	The Switch has failed its Power On Self Test.
	Off	The Switch is not receiving power.

## Default Settings

---

<b>Port Status</b>	Enabled
<b>Port Speed</b>	10BASE-T/100BASE-TX ports are auto-negotiated
<b>Forwarding Mode</b>	Intelligent
<b>Duplex Mode</b>	All fixed ports are auto-negotiated
<b>Flow Control</b>	Enabled in half duplex, auto-negotiated in full duplex
<b>Broadcast Storm Control</b>	Enabled
<b>Spanning Tree (STP)</b>	Disabled

---

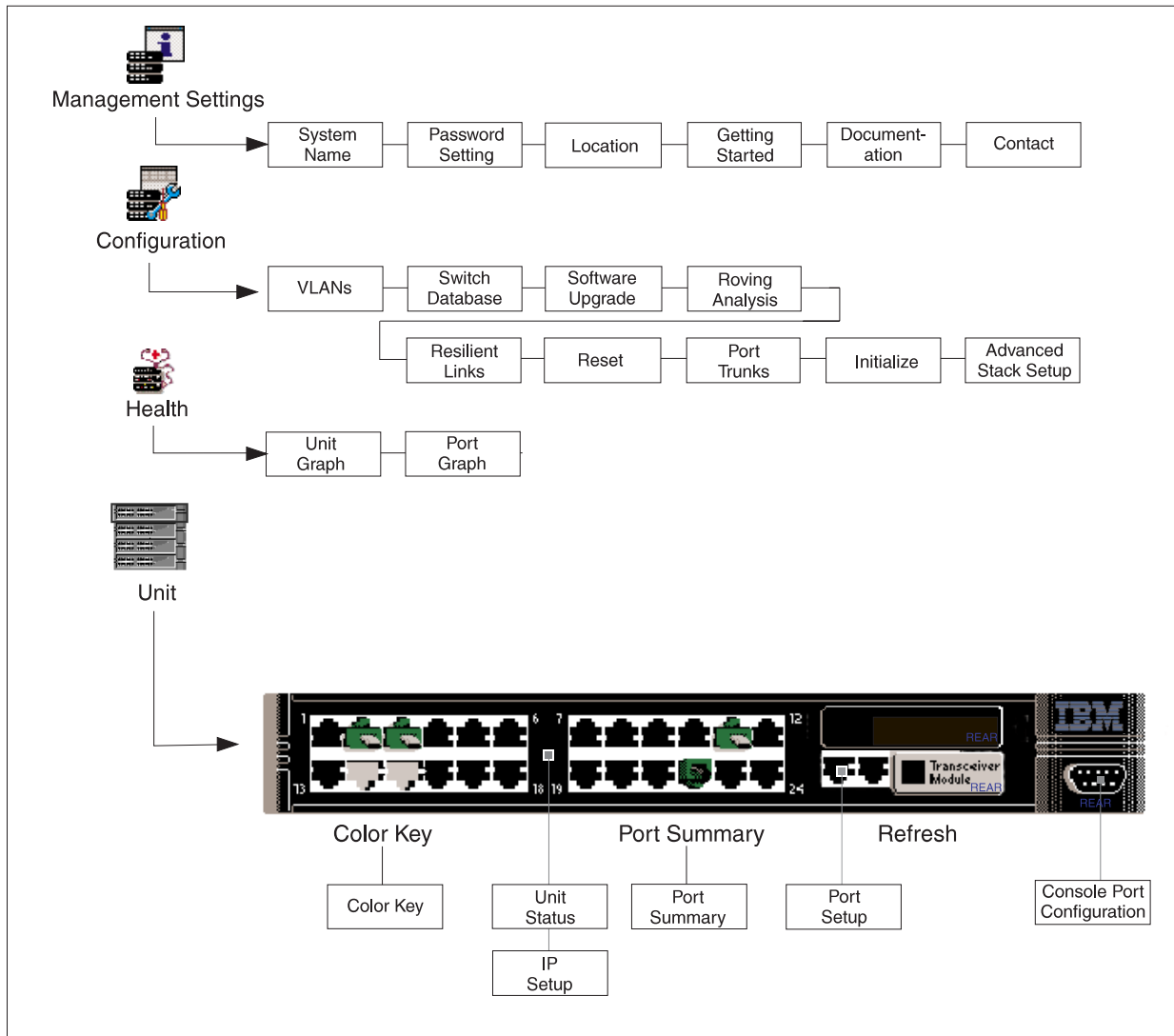
## Default Passwords

---

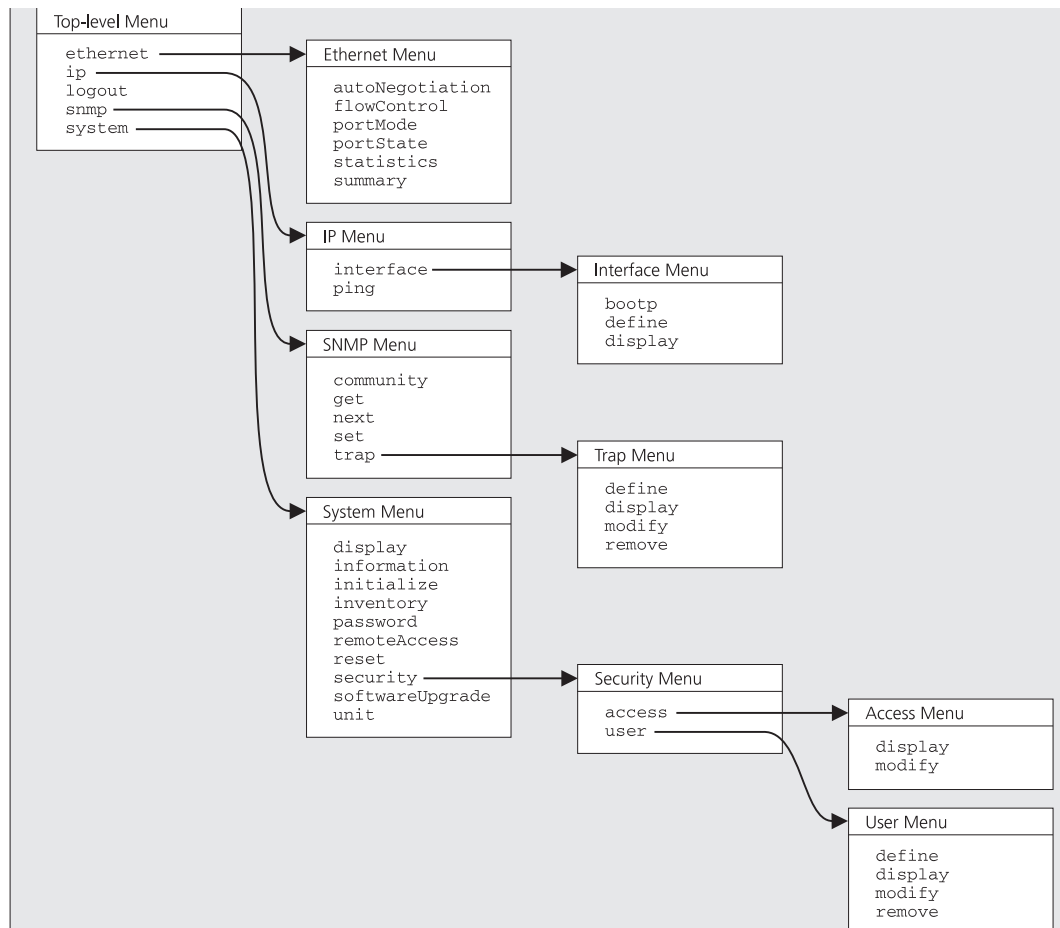
<b>Monitor access level</b>	User Name: monitor Password: monitor
<b>Manager access level</b>	User Name: manager Password: manager
<b>Security access level</b>	User Name: admin Password: (no password)
	or User Name: security Password: security

---

# Web Interface Map



## Command Line Interface Map



- **To display sub-menus:**

At the *Select menu option* prompt, enter the name of the menu or menus.

- **To display parent menus:**

At the *Select menu option* prompt, enter **q**.

- **To display the Top-level menu:**

Press the [Esc] key.

- **To obtain help:**

At the *Select menu option* prompt, enter **?**.