8824 FAST ETHERNET SWITCH
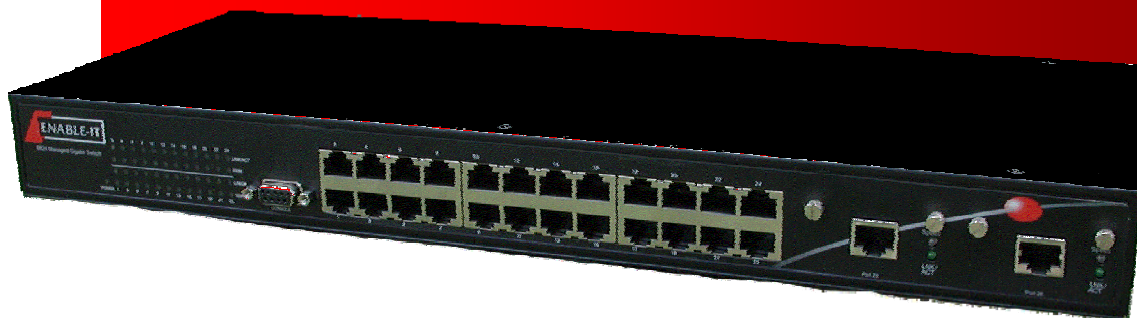
Enable-IT 8824 Fast Ethernet Managed Switch

RFC 1493 SNMP Management

The switch's management functions allow you to easily configure and monitor the management switch from a centralized location.

The switch supports SNMP management, web-based configuration, telnet and console management for convenient switch configuring and monitoring.

256 VLAN's

The smart switch supports both Port-based and Tag-based (IEEE 802.1Q) VLAN, enabling you to segment network traffic and set broadcast domains in order to improve the overall performance of your network.

Supports Trunking

The smart switch's trunking function allow several ports to be aggregated as a single connection, thus increasing the bandwith connection between the smart switch and a server/another switch.

Supports Quality of Service (QoS)

The smart switch's QoS (IEEE 802.1p) function allows you to define which user/application has greater priority over others when accessing the network. Users/applications can be categorized as either a high or low priority. When packets are buffered in the switch, users/applications with high priority will have precedence over users/applications with the low priority.

The Enable-IT 8824 Managed Fast Ethernet Switch is the most robust, blazing broadband, SNMP Managed and VLAN configurable Fast Ethernet Switch available on the market today.

The 8824 Managed Fast Ethernet Switch is more feature rich that any competitor and enables service providers the flexibility to meet the end-user demand for customized, real-time service offerings – giving them a powerful new way to enhance their revenues, to compete for cable TV, video and other services.

HIGHLIGHTS

- (24) 10/100 Auto-sensing, Auto MDI/MDI-X RJ-45 ports

- (2) Uplink modules – 10/100/1000 Gigabit copper or Fiber

- RFC 1493 SMNP w/ Secure Web based management MIB/MIBII

- (256) VLAN Groups per switch

- 802.1Q VLAN trunking (Port and Tag based LACP)

- 802.1X port based Radius Client Support and authentication

- 802.3 Advanced flow control with Store & Forward at wire speed rates (200mbps) MAX

- 802.1D Spanning Tree Protocol

- 14,000 bytes MAC Address Table storage and security filtering

- TFTP firmware support for uploads and backup entire switch configuration

- (7) Layer QoS Support

- RMON – 4 groups (1,2,3,9)

FEATURES & SPECIFICATIONS

Features:
- 9-pin Serial port
- 512k Buffer Memory per port
- Power Switch for manual on/off
- Fan less for silent operation
- Low profile case
- Auto-sensing power supply
- Secure Telnet Console
- Port Mirroring
- Network Sniffer monitoring redirection on all ports
- Broadcast Storm Control on all ports

Specifications:
8824 Complies with IEEE 802.3 Fast Ethernet standards.

Dimensions:
Height: 1.5" (38mm)
Depth: 6.6" (170mm)
Width: 17.6" (445mm)
Weight: 1.85kg

Functionality:
Data Rates 10/100Mbps Full Duplex
Interfaces
   (24) 10/100 Auto MDI/MDI-X RJ-45
   Expansion– (1) 10/100 UTP RJ-45
          (1) 1 Gigibit UTP RJ-45
          (1) 100Mb Fiber
             (single or MMode)

Environment
Temperature
Operating temp: 10° - 55°C/45° - 135°F
Storage temp:-25° to 60°C/-13° - 140°F
Humidity 5% to 90%, non-condensing.

Certification
US FCC Class A, CE Mark, C-Tick

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