

24

(24) 10/100BASE-TX ports



Features

- Automatic MDI/MDIX
- Wire Speed Performance
- Auto-Negotiation for Speed and Duplex
- Store and Forward Architecture
- Ruggedized metal chassis with internal power supply
- Front panel LED status indicators

Specifications

Ports	24 fixed 10/100BASE-TX ports: RJ-45 connectors
Standards	IEEE 802.3 10BASE-T; IEEE 802.3u 100BASE-TXFX; IEEE 802.3x, IEEE 802.1p
Packet Forwarding	Store-and-Forward
Address Support	8K MAC address table
System LEDs	Per Unit: Power Per Port: Link/Activity
Switch Fabric	4.8 Gbps for S24TXA
Latency	5 ms
Memory Buffer	1.75Mbits
Transfer Rate	14,880pps for Ethernet port 148,880pps for Fast Ethernet port
Operating Temperature	0 to 45°C (32°F to 113°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Operating Humidity	10% to 95% (non-condensing)
Storage Humidity	10% to 95%
Dimensions	Width: 9.8" [250 mm] Depth: 5.2" [133 mm] Height: 1.5" [37 mm]
Weight	3 lbs. [1.35 kg]
Power Supply	Universal AC power input: 100 to 240 VAC 50 – 60 Hz; Output rate: +3.3V/3A
Power Consumption	4.4W Maximum at 100 VAC/60Hz 5W Maximum at 240 VAC/50Hz
Chassis	Metal
Mounting	Desktop rubber feet
Safety	UL, cUL, CE/EN 60950-1
Emissions	FCC Class A, CE Mark
Warranty	Lifetime

Ordering Information

S24TXA

24-port 10/100BASE-TX switch
"small form factor"
Includes 19" Rack Mount ears

The S24TXA compact Fast Ethernet Switch has twenty-four 10/100 Base-TX ports with low latency and error-free performance provided via an advanced store-and-forward architecture. Other features include:

Automatic MDI/MDIX and Auto Negotiation

Cable detection and correction is automatic as the switch adjusts for straight-through or crossover cables during installation—no uplink port necessary.

High-performance Switching

Non-blocking architecture assures rapid packet delivery and the extensive 8,000 MAC address table and memory buffering provide swift lookup and packet forwarding.

Full Duplex Operation

Bandwidth for each port is effectively doubled, increasing the speed of a 100 Mbps port to 200 Mbps.

Flow Control

Enhances packet transmission by full-duplex flow control and half-duplex back pressure, providing congestion control on busy ports.

Rugged Chassis

Sturdy metal enclosures for added durability.

Straight Forward Diagnostics

Perpetual port status provided via LEDs to simplify troubleshooting.

Standards

Conforms to IEEE 802.3, 802.3u, 802.1p and 802.3x standards.

Auto Negotiation