Transition Networks unmanaged switch

S24TXA

(24) 10/100BASE-TX ports

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
Cable detection and correction is automatic as the switch adjusts for straight-through or crossover cables during installation—no up-link 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, and 802.3x standards.

Ordering Information

S24TXA
24-port 10/100BASE-TX switch "small form factor"
Includes 19" Rack Mount ears

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-TX/FX; IEEE 802.3x
Packet Forwarding	Store-and-Forward
Address Support	8K MAC address table
System LEDs	Power, Link/Activity
Switch Fabric	4.8 Gbps for S24TXA
Latency	5 ms
Memory Buffer	1.75Mbits
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 90% (non-condensing)
Relative Humidity	10% to 90%
Dimensions	**Width:** 9.8" [250 mm] **Depth:** 5.2" [132 mm] **Height:** 1.5" [37 mm]
Weight	3 lbs. [1.35 kg]
Chassis	Metal
Mounting	Desktop rubber feet
Safety	UL, cUL
Emissions	FCC Class A, CE Mark
Power Supply	Universal AC power input: 100 to 240 VAC 50 – 60 Hz; Output rate: +3.3V/3A
Warranty	Lifetime