

S24TXA

Unmanaged Fast Ethernet Switch

(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.



Ordering Information

S24TXA

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

**POWER
SUPPLY
INCLUDED**

Features

- Auto-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

Standards	IEEE 802.3 IEEE 802.3u 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
Environment	Operating: 0°C to 45°C Storage: -40°C to 70°C 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]
Compliance	Safety: UL, cUL Emissions: FCC Class A, CE Mark,
Internal Power Supply	Universal AC power input: 100 to 240 VAC 50 – 60 Hz; Output rate: +3.3V/3A
Warranty	Lifetime

Automatic MDI/MDIX

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, and 802.3x standards.