

## NS0009 TL-SF1024

Spotlight



- 24 10/100M RJ45 ports.
- Supports MAC address self-learning and auto MDI/MDIX.
- Standard 19-inch rack-mountable steel case.

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#### Description

TL-SF1024 24-port 10/100Mbps Ethernet Switch is designed for SOHO (Small Office/Home Office) or workgroup users. Rack-mount size metal case design combined with a safety certified internal power supply make the Switch the most robust product which is very cost-effective for an environment with less than 24 users. The plug-and-play and auto-negotiation capabilities allow the Switch to auto-detect its link partner (Ethernet adapter, for example) with the best speed. Each port provides full bandwidth (Maximum with 200Mbps in full duplex mode) without traditional hub's collision phenomenon downgrading the performance. Easy read LED indicators are supported for cable installation and normal operation diagnostics. The Switch can be used on desktop and rack-mount.

#### Features

- Complies with IEEE802.3, IEEE802.3u standards
- 24 10/100Mbps Auto-Negotiation RJ45 ports supporting Auto-MDI/MDIX
- Supports IEEE802.3x flow control for Full Duplex mode and backpressure for half-duplex mode
- Supports MAC address auto-learning and auto-aging
- LED indicators for monitoring power, link, activity, 100Mbps
- Standard 19-inch rack-mountable steel case
- Internal universal power supply

Specifications

Standards	IEEE802.3 10Base-T, IEEE802.3u 100Base-TX
Topology	Star
Protocol	CSMA/CD
Data Transfer Rate	Ethernet: 10Mbps (Half Duplex), 20Mbps (Full Duplex) Fast Ethernet: 100Mbps (Half Duplex), 200Mbps (Full Duplex)
Network Media (Cable)	10Base-T: UTP category 3, 4, 5 cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 100Base-Tx: UTP category 5, 5e cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m)
Number of Ports	24 10/100Mbps Auto-Negotiation ports
LED indicators	Power, Link/Act, 100Mbps
Transfer Method	Store-and-Forward
MAC Address Learning	Automatically learning, automatically Update
Frame Filtering and Forward Rate	10Mbps: 14880pps, 100Mbps: 148800pps
Power Supply	100-240V~ 50-60Hz (Internal universal power supply)
Safety & Emission	FCC, CE
Dimensions (W×D×H)	17.3 x 7.1 x 1.7 in.(440 x 180 x 44 mm)
Environment	Operating Temperature: 0 C~40 C (32 F~104 F) Storage Temperature: -40 C~70 C (-40 F~158 F) Operating Humidity: 10%~90% non-condensing Storage humidity: 5%~95% non-condensing