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Spotlight:

- 16 10/100/1000M RJ45 ports.
- Supports MAC address self-learning and auto MDI/MDIX.
- Standard 19-inch rack-mountable steel case.



Product Description:

The TL-SG1016 is specially designed for Ethernet (10Mbps), Fast Ethernet (100Mbps) and Gigabit Ethernet (1000Mbps) with seamless link. Each port supports up to 2000Mbps throughput in full duplex mode. It is the perfect choice to improve the performance of Offices and Workgroups networks.

Product Features:

- All ports support Full/half duplex transfer mode for 10Mbps/100Mbps and Full duplex transfer mode for 1000Mbps
- Supports Auto-MDI/MDIX function
- Supports IEEE 802.3X flow control for full-duplex mode and back pressure flow control for half-duplex mode
- Store and forward Switching scheme

Product Specifications:

Standards and Protocols	IEEE802.3, 802.3u, 802.3ab, 802.3x CSMA/CD, TCP/IP
Basic Function	Wire-speed Performance
	MAC Address Auto-Learning and Auto-aging
	IEEE802.3x flow control for Full-Duplex Mode and back pressure for Half-Duplex Mode
Backbound Bandwidth	32Gbps
MAC Address Table	8k
Forwarding Rate	10BASE-T: 14880pps/port 100BASE-TX: 148800pps/port 1000BASE-T: 1488000pps/port
Transmission Method	Store-and-Forward
Ports	16 10/100/1000Mbps Auto-Negotiation RJ45 ports (Auto MDI/MDIX)

Network Media	<p>10Base-T: UTP category 3, 4, 5 cable (maximum 100 m)</p> <p>EIA/TIA-568 100Ω STP (maximum 100m)</p> <p>100Base-Tx: UTP category 5, 5e cable (maximum 100 m)</p> <p>EIA/TIA-568 100Ω STP (maximum 100m)</p> <p>1000Base-T: UTP category 5, 5e cable (maximum 100 m)</p>
LED Indicators	Power, Link/Act
Safety & Emission	FCC, CE
Dimensions (W*D*H)	17.3*7.1*1.7 in. (440*180*44 mm)
Environment	<p>Operating Temperature: 0℃~40℃ (32℃~104℃)</p> <p>Storage Temperature: -40℃~70℃ (-40℃~158℃)</p> <p>Operating Humidity: 10%~90% non-condensing</p> <p>Storage Humidity: 5%~90% non-condensing</p>
Power	100-240VAC, 50/60Hz