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SG16



1000Mbps
Up to 10/100/1000Mbps

16-Port Gigabit Desktop/Rackmount Switch

➤ Overview

16-Port Gigabit Desktop/Rackmount Switch

Model No. **SG16**

SG16 is a 16-port intelligent high-performance gigabit switch installed on a desktop/rack type. The SG16 is designed specifically for applications such as diskless systems, network cloning, etc.

It passes 16 Gigabit RJ-45 ports in full duplex. The full bandwidth of 2000Mbps is provided in working mode, which can transfer large files at high speed. It is an ideal choice for workgroup or departmental networks.

In addition, it supports easy-to-view LED indicators for cable installation and normal operation diagnosis. 16 10/100/1000BASE-T (AUTO-MDIX)

Gigabit Ethernet ports support wire-speed forwarding, automatic MDI/MDIX and auto-negotiation, without worrying about the cable type, just plug and play.

Make the SG16 a high-performance solution for your business network.

➤ Features

- 16 10/100/1000Mbps auto-negotiated RJ45 ports.
- Supports IEEE 802.3x flow control for Full Duplex mode and backpressure for Half Duplex mode.
- 32Gbps Switching Capacity.
- Auto-MDI/MDIX eliminates the need for crossover cables.
- Store and forward Switching scheme.
- Supports NWay auto-negotiation for all ports
- Supports Jumbo Frame (10KByte).
- Supports IGMP Snooping.



Specification

General

Standards	- IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x
Interface	- 16*10/100/1000Mbps auto-negotiation RJ-45 Ports (Auto MDI/MDIX)
Power Supply	- AC 100V~240V, 50/60Hz
LED	- 1*Power, Link/Act (1~16)
Dimensions(L x W x H)	- 440 x 160 x 44.6mm
MAC Address Learning	- Auto-Learning, Auto-Aging
MAC Address Table	- 8K
Network Media	- 10BASE-T: UTP Cat 3, 4, 5 cable (100m, max) - EIA/TIA-568 100Ω STP (100m max.) - 100BASE-TX: UTP Cat 5, 5e cable (100m max.) - EIA/TIA-568 100Ω STP (100m max.) - 1000BASE-TX: UTP Cat 5, 5e cable (100m max.)
Frame Filtering	- 10Mbps: 14,880pps - 100Mbps: 148,800pps - 1000Mbps: 1,488,000pps
Transfer Method	- Store-and-Forward
Environment	- Operating Temperature: 0℃~50℃ (32℉~122℉) - Storage Temperature: -40℃~70℃ (-40℉~158℉) - Operating Humidity: 5%~95% non-condensing - Storage Humidity: 5%~95% non-condensing

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