

# 16Port 10/100/1000Mbps Gigabit Ethernet Switch

## Model No. SG16

SG16 is a 16-port unmanaged switch. It is a smart high performance gigabit switch that provides an ideal solution for workgroup or department Gigabit applications. With 16 10/100/1000BASE-T (AUTO-MDIX) Gigabit Ethernet ports, this switch can provide full bandwidth up to 2000Mbps in full duplex mode. Also it supports easy-to-view LED indicators for cable installation and normal operational diagnostics. It can be installed on desktop or in rack-mount.



## Features

- Complies with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x standards.
- 16port 10/100/1000Mbps auto-negotiation ports.
- Supports flow control for each port.
- Supports store and forward switching scheme capability.
- Supports NWay auto-negotiation for all ports.
- Supports auto MDI/MDIX for each port.
- Supports per-port bandwidth control.
- Supports PHY register read/write access.

# SG16

16-Port

10/100/1000Mbps Gigabit Ethernet Switch



## Specifications

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	- 100V~240VAC, 50/60Hz
Dimensions	- 440mm x 160mm x 44.6mm (L x W x H)
LED	- Power, Link/Activity
MAC Address Learning	- Auto-learning, auto update
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-T: UTP Cat 5, 5e cable (100m, max.)
Frame Filtering	- 10Mbps: 14,880pps - 100Mbps: 148,800pps - 1000Mbps: 1,488,000pps
Backup Bandwidth	- 32Gbps
Transmission Method	- Store-and-forward
Environment	- Operating Temperature: 0℃~40℃ (32°F~104°F) - Storage Temperature: -40~70℃ (-40°F~158°F) - Operating Humidity: 10%~90% non-condensing - Storage Humidity: 5%~95% non-condensing