SGRD16 Version 2

16-Port 10/100/1000Base-T Gigabit Ethernet Desktop Switch

This fanless 16-port 1000Base-T Gigabit Ethernet Switch provides seamless integration for your network. Made with a sturdy metal housing and the ability to be mounted on a desktop or in a standard 19" rack with the included rack mount kit, the SGRD16 is an ideal solution for new networks and upgrades to existing ones. High performance and ease of use is what the SGRD16 is all about, with a 32Gbps switching fabric and 16 10/100/1000Mbps auto-negotiation and auto-MDIX ports. New energy saving features are supported with power being distributed based on cable length and on link status of ports.

Features:

- 16x10/100/1000Mbps Auto-Negotiation, Auto-MDIX Ethernet Ports
- Compliant with IEEE802.3/IEEE802.3u standards
- 32Gbps Switching fabric
- Store-and-Forward switching architecture with non-blocking wire-speed performance
- Provides 8K MAC address entries

- Reduce power consumption
  - based on Ethernet cable length when link-on
  - when network cable is disconnected
- Sturdy metal housing
- Diagnostic LEDs
- Plug & Play installation

Specifications

Performance

I/O ports:	16 x 10/100/1000Mbps RJ-45 Ports
Standards:	IEEE802.3
	IEEE802.3u
	IEEE802.3ab
	IEEE802.1p
	IEEE802.3x
	IEEE802.3az
MAC address table:	8K
Buffer Memory:	512KB
Jumbo Frame:	9KB
Switching Fabric:	32Gbps
LED Define:	Power : Green LED
	- off: power off or fail
	- on: power on

LED Define:

Port LED Link/Activity:

- Off   : port disconnected or link fail
- Green on   : 1000Mbps connected
- Amber on : 10/100 Mbps connected
- Blinking   : sending or receiving data

Electronic Features & Electrical Emissions

Power:	AC 100V-240V 50/60HZ (Internal Power Supply)
Power Consumption:	11.87 Watts
Housing(LxWxH):	280 x 125 x 43.5mm 11.02" x 4.92" x 1.71"
Temperature:	Operating 0°C - 50°C (32F-122F) Storage -40°C - 70°C (6.8F-158F)
Humidity:	Operating 10% - 90%RH (non-condensing) Storage 5% - 90%RH (non-condensing)
FAN Design:	Fan-less

Warranty and Support

Warranty: 5 Years
Support: Free technical support (phone/email); Software support; Premium incident support.