

The SG5 is an unmanaged 10/100/1000Mbps switch designed to enhance small workgroup performance while providing a high level of flexibility.

Powerful yet easy to use, this device allows users to simply plug any port to either a 10Mbps, 100Mbps or 1000Mbps network to boost response time and satisfy heavy load demands.

5 Auto-sensing 10/100/1000Mbps Ports

The switch comes with 5 10/100/1000Mbps ports, allowing a small workgroup to communicate between Ethernet and Fast Ethernet connections. These intelligent ports detect network speed and auto-negotiate between 1000BASE-T and 10BASE-T, as well as between full- and half-duplex.

Flow Control for Secure Transmission

All ports support 802.3x flow control. This function minimizes dropped packets by sending out collision signals when the ports receiving buffer is full. Flow control is available in the full-duplex mode.

Auto-negotiation of MDI/MDIX Cross Over

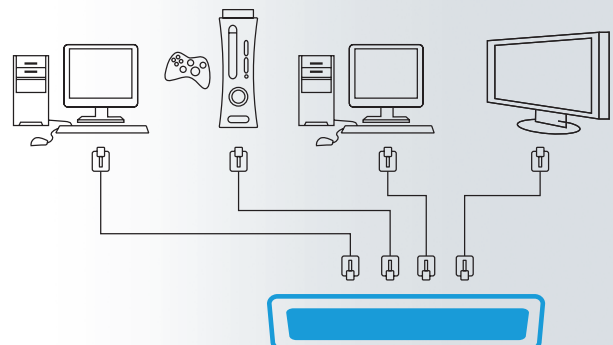
All ports support auto-negotiation of MDI/MDIX cross over. This eliminates the need for cross over cables or uplink ports. Any port can simply plug to a server, a hub, or a switch, using the usual straight-through twisted-pair cable.

Energy Efficient Ethernet

Energy Efficient Ethernet allows each Ethernet port to independently and dynamically scale power consumption based on traffic load. This saves energy when possible without sacrificing performance.

Supports Store and Forward Architecture

With the store and forward architecture filters fragment & CRC error packets, the SG5 can maximize network performance while minimizing the propagation of bad network packets.



SG5 5-PORT 10/100/1000M DESKTOP GIGABIT ETHERNET SWITCH

GENERAL SPECIFICATIONS

Standards

IEEE 802.3 10BaseT
IEEE 802.3u 100BaseT
IEEE 802.3ab 1000BaseT
IEEE 802.3x Flow Control
IEEE802.1p QoS
IEEE802.3az Energy Efficient Ethernet (EEE) Function

Features

RJ-45 Ports: 5
MAC Addresses: 8K
Buffer Memory: 1Mbytes
Jumbo Frames: 9216 bytes
Transmission Method: Store and Forward

Filtering/Forwarding Rates

10Mbps port - 14,880pps
100Mbps port - 148,800pps
1000Mbps port - 1,488,000pps

Transmission Media

10BaseT Cat. 3, 4, 5 UTP/STP
100BaseT Cat. 5 UTP/STP
1000BaseT Cat. 5E UTP/STP

LED Indicators

Per Port: Link/Act (Activity)
Per Unit: Power

Power Requirement

5V/1A

Power Consumption

<=3 Watts

Dimensions (LxWxH)

149.5 x 89 x 27mm

Weight

<=1 kg

Operating Temperature

0 to 40°C

Storage Temperature

-20 to 70°C

Humidity

Operating: 1- to 90% RH (non-condensing)
Storage: 5 - 95% RH (non-condensing)

Certifications

CE, FCC

WARRANTY

1 Year Limited Product Warranty