EUSSO

Quality Networks

UGS5808-IP

8-Port Gigabit Desktop Ethernet Switch

Increase the speed of network backbone for small business

8 Port | **Internal** | **Wall Mount** | **Full Duplex** | **MDI MDI-X** | **IEEE 802.3x** | **1000 Mbps** | **100 Mbps** | **10 Mbps**

FEATURES

- 8 x 10/100/1000Mbps RJ-45 Ethernet ports

- Convenient internal power design

- Complies with 1000Base-T specifications of the IEEE802.3ab standard

- Complies with 100Base-TX specifications of the IEEE802.3u standard

- Complies with 10Base-T specifications of the IEEE802.3 standard

- All ports support auto MDI/MDI-X crossover cable detection

- Dedicated bandwidth of up to 2000Mbps for maximum throughput

- Store-and-forward architecture filters fragment & CRC error package

- Full-duplex 802.3x flow control and half duplex back-pressure

- Efficient MAC address learning engine supports 8K MAC address

- Integrated 144K bytes buffer memory and 9K jumbo frame

- Supports extensive LED indicators for network diagnostics

PACKAGE CONTENTS

- One Gigabit 8-port Workgroup Switch

- One User's Manual

- One AC Power Cord

OVERVIEW

The UGS5808-IP, 8-port 10/100/1000Mbps desktop Gigabit switch, provides an excellent solution for expanding your existing 10/100M network to 1000M Gigabit server backbone without any additional equipment. Moreover, it provides a backbone link to your switched workgroup or a server fat-pipe link. With such flexible architecture, user can easily plan the network without bandwidth and media limitation.

With 16Gbps switch bandwidth, the switch is fully non-blocking architecture can support every switching port wire-speed performance. Compare to shared 10/100/1000Mbps networks, the switch delivers a dedicated 10/100/1000Mbps connection to every attached client with no bandwidth congestion issue. Store-and-forward switching mode promises the low latency plus eliminates all the network errors, including runt and CRC error packets.
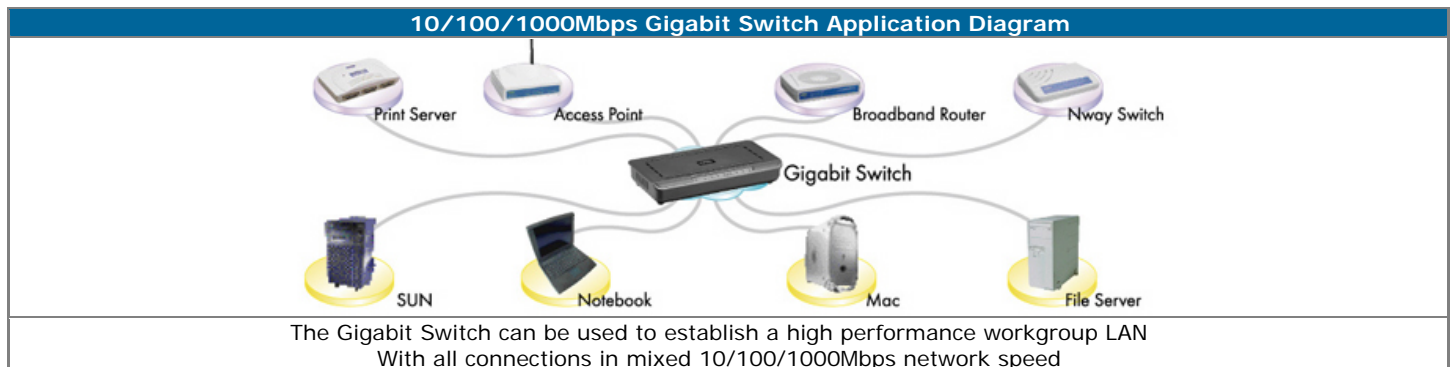
The Switch provides half and full-duplex capability on all ports to boost bandwidth for servers and power users and is fully compliant with all kinds of network protocols. Moreover, the rich diagnostic LEDs on the front-panel provide the operating status of individual port and whole system. It requires no configuration.

UGS5808-IP is special design with a convenient internal power feature. It is compact in size, making it ideal for desktop with limited space. It is also a wall mountable device, giving you the option of installing it on the wall or underneath a desk. Drop this switch in place of your current workgroup hub and switch, and you can upgrade your current network to full Gigabit speeds as necessary.

System Specifications	
Ethernet Standard	IEEE802.3, 10BASE-T for 10Mbps IEEE802.3u, 100BASE-TX for 100Mbps IEEE802.3ab, 1000BASE-T for 1,000Mbps IEEE802.3x full duplex operation and flow control
Interface	8 * 10/100/1000Mbps RJ-45 Gigabit Ethernet ports
Uplink	Auto MDI/MDI-X (Auto Crossover)
Network Speed	10/100/1000Mbps & Full/Half duplex mode auto detection (1000Mbps for Full-duplex only)
Diagnostic LED	System: Power Link/Act: 10Mbps; 100Mbps; 1000Mbps
MAC Address Entry	8K MAC entries
Memory	144K bytes buffer memory, 9K bytes jumbo frame
Filtering / Forwarding Rate	10Mbps: 14,880pps/14,880pps 100Mbps: 148,800pps/148,800pps 1000Mbps 1,488,100pps
Installation	Desktop plastic case, compact size Wall Mounting
Operating Temperature	0° ~ 40°C (32° ~ 104°F)
Operation Humidity	10% ~ 90% (non-condensing)
Dimension	205 (L) x 110 (W) x 17.5 (H) mm
Weight	37g
Power Supply	Internal Power Adapter 5VDC, 2A
Emission Certification	CE, FCC, VCCI Class B

Application Diagram

10/100/1000Mbps Gigabit Switch Application Diagram

Print Server   Access Point   Broadband Router   Nway Switch

Gigabit Switch

SUN   Notebook   Mac   File Server

The Gigabit Switch can be used to establish a high performance workgroup LAN
With all connections in mixed 10/100/1000Mbps network speed

ORDERING INFORMATIONS

Model	Description
UGS5808-IP	8-port Gigabit Workgroup Ethernet Switch (Internal Power)