UGS5808-EMC

8-Port Gigabit SOHO Ethernet Switch

High speed and performance Gigabit switch for SOHO network

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

Auto Speed | **Plug & Play** | **Store & Forward** | **Mini Size**

FEATURES

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

- Complies with 1000Base-T IEEE802.3ab standard

- Complies with 100Base-TX IEEE802.3u standard

- Complies with 10Base-T IEEE802.3 standard

- All ports support automatic MDI/MDI-X crossover cable detection function

- Dedicated bandwidth of up to 2000Mbps at full duplex mode for maximum throughput

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

- Supports 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

- Metal case with compact size design for desktop

PACKAGE CONTENTS

- One Gigabit 8-port Workgroup Switch
- One User's Manual
- One External Power Adapter

OVERVIEW

The UGS5808-EMC, 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 at full-duplex 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.
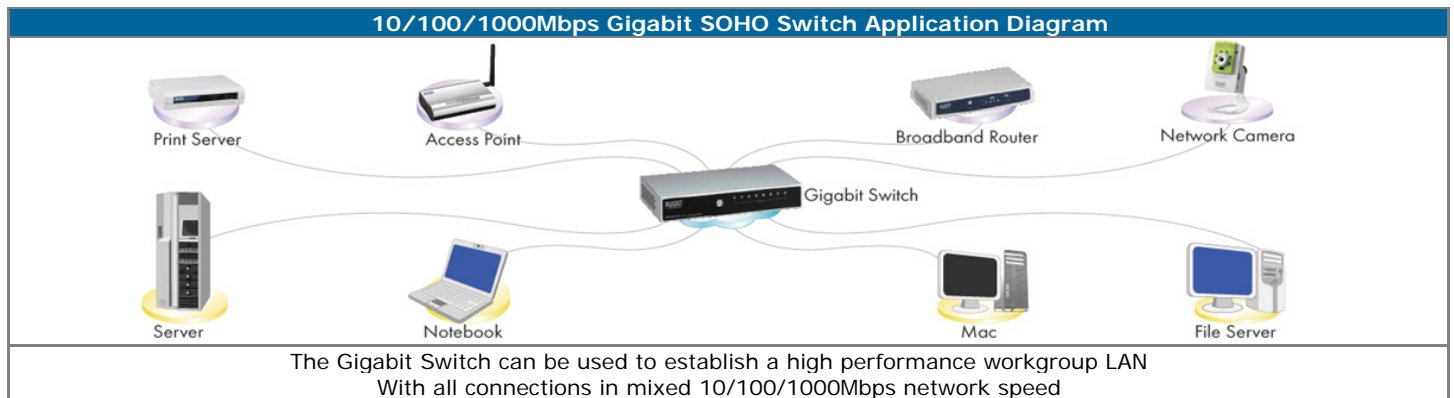
The Switch provides half and full-duplex capability on all ports to boost bandwidth for servers and power users and is fully compliant with all kinds of network protocols. Moreover, the rich diagnostic LEDs on the front-panel provide the operating status of individual port and whole system. It requires no configuration.

UGS5808-EMC designs with an external power feature. It is compact in size, making it ideal for desktop with limited space. 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.

SPECIFICATIONS

System Specifications	
Ethernet Standard	IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX IEEE802.3ab 1000BASE-T 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	Power : Green Link/Act : Green
MAC Address Entry	8K MAC entries
Memory	144 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, metal case, compact size
Operating Temperature	0° ~ 40°C (32° ~ 104°F)
Operation Humidity	10% ~ 90% (non-condensing)
Dimension	155 (L) x 85 (W) x 26 (H) mm
Weight	350 g
Power Supply	External Power Adapter 12VDC, 1A
Emission Certification	CE, FCC, VCCI Class A

Application Diagram

10/100/1000Mbps Gigabit SOHO Switch Application Diagram

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-EMC	8-port Gigabit SOHO Ethernet Switch (Metal Case, External Power)

EUSSO Technologies, Inc. is a dedicated data communication and networking company. With professional experiences in design, production, marketing and service support, we deliver the full range networking products including Gigabit Ethernet, Fiber Optic, Wireless LAN, Switches, Hubs, LAN cards, PCMCIA adapters, Converter, Transceivers. As well as Internet Telephony Gateway, Print Servers, Internet Sharing Servers and many others.

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