



UGS5808-DW

8-Port Web Smart Gigabit Switch

Ideal management solution for expanding your network



FEATURES

- 8 x 10/100/1000Mbps RJ-45 Ethernet ports
- Complies with IEEE802.3, 802.3u, 802.3ab, 802.3x, 802.1q Ethernet standard
- User friendly Web-based management and Auto-discovery utility
- Supports Port Trunking up to 7 ports and 4 group port aggregation
- 8K MAC address entries and 8 groups VLAN table
- Supports advanced Quality of Service (QoS) for better communication quality
- Complies with IEEE802.3, 802.3u, 802.3ab, 802.3x, 802.1q Ethernet standard
- All ports support auto MDI/MDI-X cable detection
- Dedicated bandwidth of up to 2000Mbps for maximum throughput
- Provides Store-and-forward forwarding scheme
- Full-duplex 802.3x flow control and half duplex back-pressure
- Efficient MAC address learning engine supports up to 8K MAC addresses
- Integrated 144K bytes packet buffer memory and 9K bytes jumbo frame

PACKAGE CONTENTS

- One Gigabit 8-port Web Smart Switch
- One User's Manual
- One AC Power Cord

OVERVIEW

The UGS5808-DW, 8-port 10/100/1000Mbps desktop web Smart Gigabit switch, provides an excellent solution for expanding your existing 10/100M network to 1000M Gigabit server backbone without any additional equipment. It features WebView monitoring and configuration via your web browser, making it easy to manage the 8 VLANs and up to 7 trunking groups. User is also allowed to use integrated console port to configure the switch.

The management functionalities provides efficient network usage. VLAN reduces the collisions from widely broadcasting. Port Aggregation enlarges the bandwidth of backbone connection. Quality of Service (QoS) is supported to secure the bandwidth fro some bandwidth-demanded applications including VoIP or video conference. The 802.3x and backpressure flow control mechanisms are also supported to ensure the correctness of data transmitting.

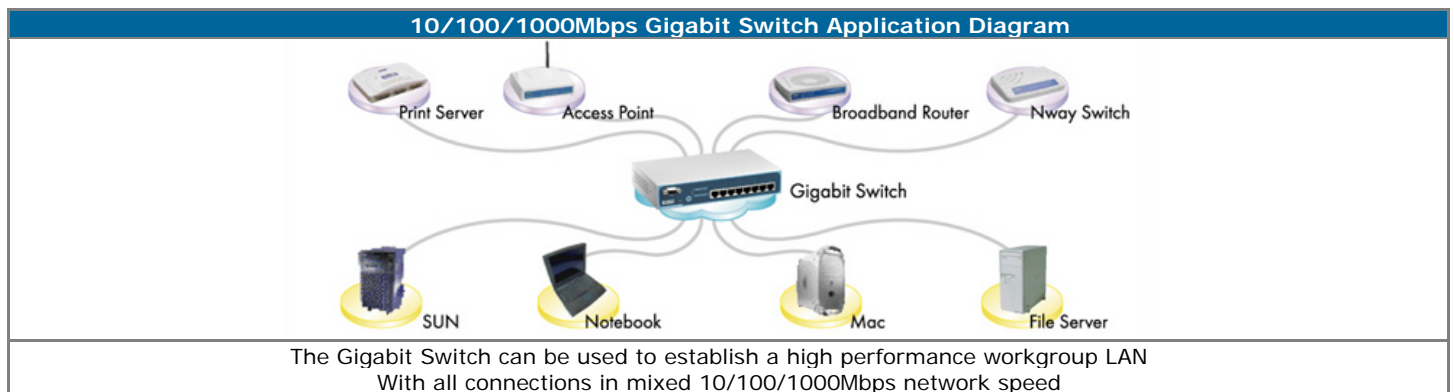
The auto features of this switch make installation plug-and-play and hassle-free. Auto MDI/MDI-X crossover on all ports eliminate the need for crossover cables or uplink ports. Each port independently and automatically negotiates for the best speed with running half or full duplex mode. Store-and-forward 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.

SPECIFICATIONS

System Specifications	
Ethernet Standard	IEEE802.1q VLAN 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 1 * RS-232 Console port
Uplink	Auto MDI/MDI-X (Auto Crossover)
Advanced Features	802.1Q VLAN, 802.1P QoS, 802.1x Flow Control SNMP, Web-based Management, Auto-Discovery Utility, Port Mirror, Jumbo Frame, Link Aggregation
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
Operating Temperature	0° ~ 40°C (32° ~ 104°F)
Operation Humidity	10% ~ 90% (non-condensing)
Dimension	216 (L) x 133 (W) x 42 (H) mm
Weight	0.86kg
Power Supply	Internal Power Adapter 100 ~ 240VAC, 50/60Hz
Emission Certification	CE, FCC Class A

Application Diagram



ORDERING INFORMATION

Model	Description
UGS5808-DW	8-port Gigabit Web Smart Ethernet Switch (Internal 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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