

UGS5800-DR

8-Port Gigabit Smart Switch

10/100/1000Mbps Gigabit Ethernet Switch



FEATURES

- Complies with 10BASE-T specifications of the IEEE802.3 standard
- Complies with 100BASE-TX specifications of the IEEE802.3u standard
- Complies with 1000BASE-T specifications of the IEEE802.3ab standard
- Complies with IEEE802.3x Full duplex operation and Flow Control
- Eight RJ-45 ports for 10/100/1000Mbps connectivity
- Supports NWay protocol for speed (10/100/1000Mbps) and duplex mode (Full/Half) auto-detection
- Supports auto MDI / MDI-X function on all ports
- Wire-speed packet filtering and forwarding rate
- Store-and-forward architecture filters fragment and CRC error packets
- Supports 8 groups port-base VLAN
- Supports 2 groups port-trunking
- Supports CoS with 4-level priority
- Supports 4-level IP priority
- Supports 8K MAC address learning table
- Supports 256KBytes buffer memory (SSRAM)
- 10-inch desktop size with 19" rack-mountable bracket
- Supports extensive LED indicators for network diagnostics

OVERVIEW

The device is a powerful, high-performance 10/100/1000Mbps Fast Ethernet and Gigabit switch; with 8 Gigabit switching ports. It is ideal for micro-segmenting large networks into smaller, connected subnets for improved performance, enabling the bandwidth demanding multimedia and imaging applications. The Gigabit ports also provide the fat pipe to the servers or backbone connection for boosting the total system performance.

With its built-in smart capability, The policies of whole system or individual port could be setup easily via the smart configuration interface. The switch is plug and play without any software to configure and fully compatible with the existing 10/100Mbps networks.

SPECIFICATIONS

Software Specifications	
Standard	IEEE 802.3 for 10BASE-T IEEE 802.3u for 100BASE-TX IEEE 802.3ab for 1000BASE-T IEEE 802.3x Full Duplex operation and Flow Control
Network Data Rate	10Mbps for 10Base-T 100Mbps for 100Base-TX 1000Mbps for 1000Base-T
Interface	8 * 10/100/1000Mbps RJ-45 ports (auto MDI-X) 1 * RS-232 DCE console port: 9600, 8, n, 1
Nway Protocol Support	Network speed: 10 / 100 / 1000Mbps 10Mbps: Full/Half duplex 100Mbps: Full/Half duplex 1000Mbps: Full duplex only
Filtering/Forwarding Rate	10Mbps: 14,880pps/14,880pps 100Mbps: 148,800pps/148,800pps 1000Mbps: 1,488,100pps
Cable Connections	RJ-45 (10BASE-T): UTP Category 3, 4, 5 up to 100 meters RJ-45 (100Base-TX): UTP Category 5 up to 100 meters RJ-45 (1000Base-T): UTP Category 5 up to 100 meters
LED indicators	System: Power; Trunk A; Trunk B Port: 10M; 100M; 1000M; Activity
System Memory	256Kbytes
MAC Address Table	8KBytes entries
Emission	FCC Class A, CE
Power Supply	100~240VAC, 50/60Hz
Environment	
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-20°C to 70°C (-4 °F to 158°F)
Operating Humidity	10% to 90% Non-Condensing
Storage Humidity	0% to 95% Non-Condensing

ORDERING INFORMATION

Model	Description
UGS5800-DR	8-Port 10/100/100M Gigabit Ethernet Switch

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.

UGS5800-DR v1.0

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