

UGS5208-T

2G+8-Port 10/100/1000M Gigabit Ethernet Switch

VLAN / Trunk Smart



FEATURES

- Complies with 1000Base-T(IEEE802.3z), 100BASE-TX(IEEE802.3u) and 10BASE-T(IEEE802.3) standards
- Eight RJ-45 ports for 100Base-TX and 10Base-T connectivity
- Two RJ-45 ports for 1000Base-T, 100Base-TX and 10Base-T connectivity
- One RS-232 console port for basic management
- Supports NWay protocol for speed (10/100Mbps) and duplex mode (Half/Full) auto-detection on 10/100Mbps ports
- Supports NWay protocol for speed (10/100/1000Mbps) and duplex mode (Full only) auto-detection on Gigabit ports
- Supports auto MDI-X function on all ports
- Supports up to 10 groups of port-base VLAN or 802.1q VLAN
- Supports up to 4 groups of port trunking function
- Wire-speed packet filtering and forwarding rate
- Store-and-forward architecture filters fragment & CRC error packets
- Supports 6K MAC address entries in whole system
- 2M bits buffer memory
- Compact size desk top design

OVERVIEW

The device is a powerful, high-performance 2G+8 10/100/1000Mbps Fast Ethernet and Gigabit switch, with eight 10/100Mbps ports and two 1000Mbps ports. All ports support auto MDI-X function and auto-negotiation operation (NWay), which means the switch could automatically negotiate with the connected partners on the network speed and duplex mode. The Gigabit copper switching ports are 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 server or backbone connection for boosting the total system performance.

The 10/100/1000Mbps auto-sensing ability provides an easy way to migrate between 10Mbps, 100Mbps or 1000Mbps on networks with no pain. Store-and-forward switching mode promises the low latency plus eliminates all the network errors, including runt and CRC error packets. To work under full-duplex mode, transmission and reception of the frames can occur simultaneously without causing collisions as well as double the network bandwidth.

The switch is plug and play without any software to configure and also fully compliant with all kinds of network protocols. Moreover, the rich diagnostic LED on the front panel can provide the operating status of individual port and whole system.

SPECIFICATIONS

| System Specifications | |
|------------------------------|------------------------------------------------------------------------------------------------------------------|
| Standard | IEEE802.3, 10BASE-T IEEE802.3u, 100BASE-TX IEEE802.3z, 1000BASE-T |
| Interface | RJ-45 x 8 10/100Mbps switching ports RJ-45 x 2 10/100/1000Mbps Gigabit port RS-232 x 1 console port |
| Cable Connections | RJ-45 (10BASE-T): UTP Category 3,4,5 RJ-45 (100BASE-TX): UTP Category 5 RJ-45 (1000BASE-T): UTP Category 5 |
| Network Data Rate | 10/100Mbps Ethernet (10/100 Mbps) Gigabit Ethernet (10/100/1000 Mbps) |
| Transmission Mode | 10/100Mbps Ethernet ((Full-duplex, Half-duplex) Gigabit Ethernet (Full-duplex only) |
| LED indicators | System: Power x1 10/100 Mbps Port: 100M, Link/Activity Gigabit Port: 1000M, 100M, 10M, Link/Activity |
| VLAN | Port-based VLAN or 802.1q VLAN tag (Up to 10 groups) |
| Port Trunking | 4 port trunking (Up to 4 group) |
| Console Port | 19200, 8, n, 1, n |
| System Memory | 2M bits |
| MAC Address Table | 6K entries |
| Filtering/Forwarding Rate | 10Mbps: 14,880pps/14,880pps 100Mbps: 148,800pps/148,800pps 1000Mbps 1,488,100pps/1,488,100pps |
| Emission | FCC Class A, CE |
| Power Supply | 100-240 VAC, 50~60 Hz, Internal Switching Power Supply |
| 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 INFORMATIONS

| Model | Description |
|--------------|--------------------------------------------------|
| UGS5208-T | 2G + 8-Port 10/100/1000M 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.

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