

## UGS5224-RW



**24 + 2G Gigabit Web Smart Switch**

**VLAN / QoS / Aggregation / Auto Discovery**

### FEATURES

- 24 fixed 10/100Mbps Fast Ethernet ports for easy network connecting application.
- Support 2 fixed 10/100/1000Mbps Gigabit ports
- Provide Auto-discovery Function for easy Network management
- Support Port aggregation
- Supports 3 types of QoS priority for port base, 802.1p & TCP/IP TOS/DiffServ(DS) priority field
- Support full duplex flow control and half duplex back pressure
- Supports auto MDI/MDI-X function on all ports
- Supports Full/Half Duplex mode on 10/100/1000Mbps speed
- Wire-speed packet filtering and forwarding rate
- Store-and-forward architecture filters fragment & CRC error packets.
- Error packet filtering
- Provide 8K MAC address entries and 26 groups VLAN table
- Supports 320K bytes buffer Memory
- Support local Console port or Web-based UI for configuration
- Internal universal switching power supply

### OVERVIEW

This device is a 24+2G Gigabit Ethernet Smart Switch, which can be managed from Web browser user interface and RS-232 console switch. It provides smart and efficient management functions and support 26 ports connection with 24 ports of 10/100Mbps and 2 ports 10/100/1000Mbps with Full/Half duplex capability. The NWay auto-negotiation operation automatically negotiates with the connected ports on the network speed and duplex mode; that provides an easy way to integrate 10/100Mbps 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 LEDs on the front panel provide the operating status of individual port and whole system.

**SPECIFICATIONS**

Product Specifications	
Standards	IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX IEEE802.3x full-duplex operation and flow control IEEE802.1p Traffic prioritization
Interface	24 * 10/100Mbps auto MDI/MDI-X RJ-45 switching ports 2 * 10/100/1000Mbps auto MDI/MDI-X RJ-45 switching ports 1 * RS-232 Console port
Nway Protocol Support	Network speed: 10Mbps, 100Mbps and 1000Mbps Duplex mode: Full and Half
Smart Function	26 groups port-based VLAN 7 trunk groups for network application
System Configuration	System name, IP address, Default Gateway, MAC address Default factory setting System reboot function
Port Status	Per port Disable or Enable admin function Bandwidth control: Disable/128K/256K/512K/1M/2M/4M/8Mbps Operation Mode: Auto Speed, 10M half, 10M full, 100M half, 100M full Enable or Disable the Flow control Link/Status in red or green
Quality of Service	TOS, Tag Base, and Port base
Auto Discovery	By IP address or name of Switch
MAC Address Entry	8K MAC address entries
Memory	320K bytes buffer
LED Indicator	System: Power Port: 10/100Mbps ports: LINK/ACT 1000Mbps ports: 10M; 100M; 1000M, Activity
Operating Temperature	0° - 40°C (32° - 104°F)
Operating Humidity	10% ~ 90% (non-condensing)
Power Supply	100 ~ 240VAC, 50~60 Hz
Emission	FCC Class A, CE Mark Class A

**ORDERING INFORMATION**

Model	Description
UGS5224-RW	2G+24 Gigabit Web Smart 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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