

## UGS5224-RS

### 24 + 2G Gigabit Smart Switch

#### VLAN / Trunk Smart



#### FEATURES

- Complies with 10BASE-T specifications of the IEEE802.3 standard
- Complies with 100BASE-TX specifications of IEEE802.3u standard
- Complies with 1000BASE-T specifications of IEEE802.3ab standard
- Complies with IEEE802.3x Full Duplex operation and Flow Control
- 24 \* RJ-45 ports for 10/100Mbps connectivity
- 2 \* 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
- 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.
- Supports 26 groups port-based / 802.1Q VLAN
- Supports 7 groups IEEE 802.3ad port-trunk
- Supports bandwidth control in steps of 10% from 100% to 10% at current connecting speed
- Internal universal switching power supply

#### OVERVIEW

This device is a powerful, high-performance Gigabit Ethernet switch, which provides smart and efficient management functions and support 26 ports connection, where 24 ports of them are capable of 10/100Mbps and 2 ports capable of 10/100/1000Mbps with Full/Half duplex capability.

This switch supports various port administrations including speed/duplex/flow control, ports trunk (port aggregation), port-based / 802.1Q VLAN configurations, bandwidth control features, port mirroring functions and also some easy miscellaneous administrative features.

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-n-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**

Software Specifications	
Standards	IEEE802.3 10Base-T standards IEEE802.3u 100Base-TX standards IEEE802.3ab for 1000Base-T standards IEEE802.3x Full Duplex operation and flow control standards IEEE802.1Q VLAN tag (IVL) standards IEEE 802.3ad port-trunk standards
Interface	24 * 10/100Mbps RJ-45 ports 2 * 10/100/1000Mbps RJ-45 ports One RS-232 console port
Nway Protocol Support	Network speed: 10Mbps, 100Mbps and 1000Mbps Duplex mode: Full and Half
Smart Function	26 groups port-based / 802.1Q VLAN 7 groups IEEE 802.3ad port-trunk Bandwidth control in steps of 10% from 100% to 10% at current connecting speed
MAC Address Entry	4K MAC address entries
Memory	384K bytes buffer for packet switching
LED Indicator	System: Power Port: 10/100Mbps ports - 100M; LINK/ACT 1000Mbps ports - 10M; 100M; 1000M; TX; RX; FDX/COL
Operating Temperature	0° - 50°C (32° - 122°F)
Operating Humidity	10% ~ 90% (non-condensing)
Power Supply	100 ~ 240VAC, 50~60 Hz
Emission	FCC Class A, CE

**ORDERING INFORMATION**

Model	Description
UGS5224-RS	2G+24 Gigabit 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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