

## UGS5816-RW



### 16-Port Gigabit Web Smart Switch Manage all Gigabit Ports from Web Browser

#### FEATURES

- 16 fixed 10/100/1000Mbps Gigabit Ethernet ports for easy network connecting application
- Provide Auto-discovery Function for easy Network management
- Provide 4K MAC address entries and 16 groups VLAN table
- Support up to 8 ports and 8 groups port aggregation
- Support QoS for better Network management
- Support full duplex flow control and half duplex back pressure
- Store-and-forward forwarding scheme
- Error packet filtering
- Supports 272K buffer Memory
- Support local Console port or Web-based UI for configuration
- Internal switching power supply (100-240Vac/50-60Hz)
- 19" rack-mountable

#### OVERVIEW

The 16-port 10/100/1000Mbps Ethernet Web Smart Switch compare to the traditional 10/100Mbps Ethernet, the switch delivers a dedicated Gigabit connection to every attached client with no congestion issue. The gigabit ports also provide the fat pipe to the server or backbone connectivity for boosting the total system performance.

Out of the ordinary dumb switches, the 16-port Gigabit Web Smart Switch embedded advanced management capability; that the device can be managed through console port or web-based UI. This is much useful for system manager to monitor and control the system efficiently. 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 provide the operating status of individual port and whole system.

**SPECIFICATIONS**

System Specifications	
Standard	IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX IEEE802.3x full-duplex operation and flow control IEEE802.3ab 1000BASE-T IEEE802.1Q VLAN interoperability IEEE802.1p Traffic prioritization
Interface	16 * 10/100/1000Mbps auto MDI/MDI-X RJ-45 switching ports 1 * RS-232 Console port
Cable Connection	RJ-45 (10BASE-T): Category 3,4,5 UTP/STP RJ-45 (100BASE-TX): Category 5 UTP/STP RJ-45 (1000BASE-T): Category 5,5e or enhanced UTP/STP
Network Data Rate	10/100/1000Mbps Auto-negotiation
Transmission Mode	10/100Mbps Full-duplex, Half-duplex 1000Mbps Full-duplex
LED Indicator	System: Power RJ-45 Port: 10/100M; 1000M link/act
Buffer Memory	4K MAC entries 272K Buffer Memory
Filtering/Forwarding Rate	10Mbps: 14,880pps/14,880pps 100Mbps: 148,800pps/148,800pps 1000Mbps 1,488,100pps/1,488,100pps
Operating Temperature	0° ~ 50°C (32° ~ 122°F)
Operation Humidity	10% ~ 90% (non-condensing)
Power Supply	100 ~ 240VAC, 50~60 Hz (internal 5V 8A)
Emission	FCC Class A, CE

**ORDERING INFORMATIONS**

Model	Description
UGS5816-RW	16-Port 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.*

Ver:1.00