

UGS5816-RS



14-Port + 2-Port Optional Gigabit Smart Switch

Optional Fiber/Copper Module Smart

FEATURES

- Complies IEEE 802.3, IEEE 802.3u, IEEE802.3x, IEEE 802.3z/ab standards
- Complies with IEEE802.1Q VLAN tag (IVL)
- 14 * 10/100/1000Mbps RJ-45 ports
- 2 * 1000Mbps Copper/Fiber slide-in slots for optional module
- Every switching port is automatically cross-over detection (MDI/MDI-X auto-detected)
- Supports port sniffing
- Supports Port Aggregation and up to 8 groups
- Supports 802.1Q VLAN and up to 255 groups
- One RS-232 female console connector
- 19" rack mountable
- Internal universal switching power supply

OVERVIEW

This device is a 10/100/1000Mbps Ethernet Smart switch with 14 Gigabit RJ-45 ports and 2 Gigabit slide-in slots on the rear panel for optional fiber/copper Gigabit modules.

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. Moreover, the NWay auto-negotiation operation automatically negotiates with the connected partners on the network speed and duplex mode; that provides an easy way to integrate 10/100/1000Mbps networks with no pain. It is ideal for micro-segmenting large networks into smaller, connected subnets for improved performance, enabling the bandwidth demanding multimedia and imaging applications.

Out of the ordinary dumb switches, the 14+2 Gigabit Smart Switch embedded advanced management capability; that the device can be remote managed by Telnet. This is much useful for system manager to monitor and control the system efficiently.

The 2 Gigabit slide-in slots on the rear panel provide fat pipes for up linking to backbone or connecting to servers. Both RJ-45 and Fiber SC modules are the solution to fit your existing network and flexible media selectivity.

SPECIFICATIONS

Software Specifications	
Standards	IEEE802.3 10Base-T standards IEEE802.3u 100Base-TX standards IEEE802.3ab for 1000Base-T standards IEEE802.3z for 1000Base-SX standards IEEE802.3x Full Duplex operation and flow control standards IEEE802.1Q VLAN tag (IVL) standards
Interface	14 * 10/100/1000Mbps RJ-45 ports 2 * Gigabit fiber/copper slide-in slots One system reset button One RS-232 console port
Nway Protocol Support	Network speed: 10Mbps, 100Mbps and 1000Mbps Duplex mode: Full and Half
Management	Embedded console management interface Telnet for remote management
MAC Address Entry	4K MAC entries
Memory	2Mbit for packet switching 8MB SDRAM for run time data storage 2MB Flash EPROM for cooperation and configuration data storage
LED Indicator	System: Power, Alive, Status 0, Status 1 Port: Fixed - 1000M; 100M; 10M; ACT Slide-in slot - LINK/ACT
Operating Temperature	0°- 50°C (32°- 122)
Operating Humidity	10% ~ 90% (non-condensing)
Power Supply	100 ~ 240VAC, 50~60 Hz
Emission	FCC Class A, CE

ORDERING INFORMATION

Model	Description
UGS5816-RS	14-Port + 2-Port Optional Gigabit Smart Switch
UGM5816-T	1-Port Gigabit Copper module (1000Base-T, UTP) for UGS5816-RM/RS and UGS5224-RM (back panel slot)
UGM5816-SX	1-Port Gigabit Fiber module (1000Base-SX, SC) for UGS5816-RM/RS and UGS5224-RM (back panel slot)

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