

Ether-GSH16TW

16-Port Web Managed Pure Gigabit Switch

The Ether-GSH16TW is a 16-port All Gigabit switch designed to be the center backbone for your network. With over 48Gbps of throughput, it can handle the the largest network with ease. Each port is compatible with 10Base-T, 100Base-TX, or 1000Base-T devices to operate with both new and legacy hardware.



Web Management

The Switch features web management capability to allow administrators manage the device remotely. A special central management utility let you find all the Ether-GSH16TW/16TW switches on the network automatically without needing to know the IP address. You can even change the IP address or Password from the utility.

Management Functions

The switch feature several management functions. The Port settings function allow administrator to open or close a port, change duplex and speed, or set the priority for QoS application. 3 trunking groups can be set to increase the uplink bandwidth up to 8GBps by aggregating 4 ports together. The VLAN is provided to divide the network into smaller sub LAN for security purpose. At last, Port Mirror function let administrator to view the traffic on other ports for diagnostic purpose

Traffic Statistic Report

To help administrator trouble shooting the network, the switch comes with details traffic status report function on the web. This show all the send, receive, and error traffic at different packet size. Best of all, Trap manager are provided to report an activity to trap server when a condition or error occurs.

The Ether-FSH16TW is a real cost effective solutions to set up Gigabit centralized network. Alleviate your network traffic problem and upgrade to Gigabit Ethernet today.

Specification

- Web Management Function
- Central Management Utility to manage several switches
- Support Full/ Half duplex transfer mode for 10/100Mbps
- Supports Full duplex transfer mode for 1000Mbps
- Wire speed reception and transmission
- Supports port-Base VLAN, configure through Web browser
- Supports port-Base QoS, configure through Web browser

Data RAM Buffers:

- 272k Byte

Filtering Address Table:

- 4k entries per device

Power:

- 100-160VAC 50/60Hz, Internal Universal Switching

Power Consumption:

- 25 watts. (Max.)

Diagnostic LEDs:

- Per Unit: Power, System



Specification

- Supports Trunk, configure through Web browser
- Supports port Mirror, configure through Web browse
- Supports port setting function allow user to enable/disable
- each port, set speed, duplex mode and device flow control
- Store-and-Forward switching method
- Integrated address Look-Up Engine, supports 4k absolute
- MAC addresses
- Supports 272KByte RAM for data buffering

Standards:

- IEEE 802.3 10BASE-T
- IEEE 802.3u 100BASE-TX
- IEEE 802.3ab 1000BASE-T
- IEEE 802.3x Full-Duplex Flow Control

Ports:

- 16 x 10/100/1000Mbps auto-MD/MDI-X Port with RJ-45 connector.

Protocol:

- CSMA/CD

Network Media:

- Ethernet: 2-pair UTP Cat. 3,4,5, up to 100M
- Fast Ethernet: 2-pair UTP Cat. 5, up to 100M
- Gigabit Ethernet: 4-pair UTP Cat. 5 plus, up to 1000M

Topology:

- Star

Network Data Transfer Rate:

- Ethernet: 10Mbps (Half-duplex)
- 20Mbps (Full-duplex)
- Fast Ethernet: 100Mbps (Half-duplex)
- 200Mbps (Full-duplex)
- Gigabit Ethernet: 2000Mbps (Full-duplex)

Data RAM Buffers:

- 272k Byte

Filtering Address Table:

- 4k entries per device

Power:

- 100-160VAC 50/60Hz, Internal Universal Switching

Power Consumption:

- 25 watts. (Max.)

Diagnostic LEDs:

- Per Unit: Power, System
- Per Port: 3LEDs, Link/ACT, 1000M, 100M

Dimensions (W x D x H):

- 440 x 210 x 44mm

Temperature:

- Operating: 0~40 degree
- Storage: -10~70 degree

Humidity:

- Operating: 10%~90% RH
- Storage: 5%~90% RH

Emission:

- FCC Class A
- CE mark Class A

Safety:

- UL (UL 60950)
- CB (IEC 60950)

Ordering Information

Ether-GSH16TW 16-Port 1000BASE-T Web Managed Gigabit Ethernet Switch