

## Ether-GSH24TW

### 24-Port Web Managed Pure Gigabit Switch



The Ether-GSH24TW is a 24-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-GSH24TW/24TW 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-GSH24TW 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:

- 400K Bytes

#### Filtering Address Table:

- 8K entries per device

#### Power:

- 100-240VAC 50/60Hz, Internal Universal Switching

#### Power Consumption:

- 32 watts. (Max.)

#### Diagnostic LEDs:

- Per Unit: Power, System
- Per Port: 3LEDs



## Specification

- Supports Trunk, configure through Web browser
- Supports port Mirror, configure through Web browser
- Supports port setting function allow user to
- Enable/disable
- each port, sets speed, duplex mode and device flow
- Control
- Store-and-Forward switching method
- Integrated address Look-Up Engine, supports 4k
- Absolute
- MAC addresses
- Supports 400KByte 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:

- 24 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:

- 400K Bytes

### Filtering Address Table:

- 8K entries per device

### Power:

- 100-240VAC 50/60Hz, Internal Universal Switching

### Power Consumption:

- 32 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:

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

## Ordering Information

**Ether-GSH24TW** 24-Port 1000BASE-T Web Managed Gigabit Ethernet Switch