

OvisLink

GSH4T Gigabit Server-Group Switch



High Performance and Affordable All Gigabit Solution

With the advent of the Ether-GSH4T all Gigabit switch, the foundation to design a high performance and affordable all Gigabit network is realized. Equipped with 4 copper based Gigabit ports and a high performance switching engine, the Ether-GSH4T can serve either as the group switch for servers or as the backbone switch in a SOHO Gigabit environment. All Gigabit connections use affordable Cat.5 cabling.

Smart Management

The Switch is also equipped with several smart management functions. The VLAN function helps you to limit the broadcast traffic of the network while priority function allows you to enhance the speed of mission critical applications. In addition, the switch is equipped with comprehensive port-mirroring function to help you diagnostic traffic errors. It is also equipped with Broadcast Storm control to safe guard your network from overloading with broadcast traffic.

Specification

Standard Compliance

- IEEE 802.3 10Base-T Ethernet
- IEEE 802.3u 100BaseTX standard
- IEEE 802.3ab 1000BASE-T Gigabit Ethernet over twisted-pair
- IEEE 802.1q VLAN standard
- IEEE 802.1p Class of Service
- IEEE802.3x flow control for full duplex, back-pressure for half-duplex
- ANSI/IEEE Std 802.3 NWay auto-negotiation

Port Configurations

- 4 x 10/100/1000Base-T Gigabit ports, auto MDI/MDI-X
- One RS-232 Console port

Smart Managements:

- VLAN: 4 Port-Based VLAN groups, Configured through Smart Console
- 802.1p Priority: 4-level, Port Based, IP Based (TOS), VLAN TAG (TCI)
- Port Mirror Configuration: Monitored Port, Snooping Port, Monitored Packets
- Broadcast Storm Control: Automatic filter out the broadcast packets when they exceed 5% of the network traffic.

Architecture

- Store-and-Forward Ethernet packet switch method
- Non-blocking wire speed switching architecture
- 8K MAC address
- Embedded frame buffer with starvation control
- Comprehensive LEDs for monitoring network diagnostics friendly
- Dimensions: 330 x 182 x 44 mm, 19" rack mountable
- Weight: 1.6 kg
- Built-in power supply: 100~240 VAC, 50 ~ 60 Hz, 1.0 A, 26 Watts max.
- Safety/EMI: meet UL, FCC, CE, Korea EMI standard