

Ether-GSH8TW v2

8-port Gigabit Web Management Switch

With the introduction of the Ether-GSH8TW v2, AirLive has developed the perfect solution for Pure Gigabit switch with remote management capability at an affordable price.

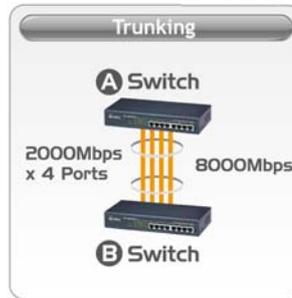
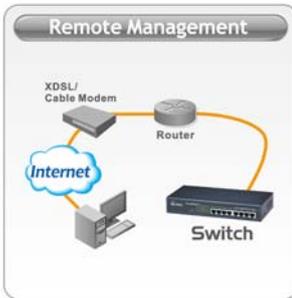
Jumbo Frame

Web

Port Mirror

Auto MDI-X

Tag VLAN



Remote Management

The Ether-GSH8TW v2 features 8 Pure Gigabit Copper ports with auto MDI/MDI-X function to eliminate the need for cross-over cables. It can achieve Gigabit speed with Standard Cat. 5 cable. In addition to the 8 standard Gigabit ports; there is a dedicated 10/100Mbps Web management port that allow users to configure the switch through local LAN or over the Internet. The management port is not influenced by the VLAN configuration. If you make a mistake in switch configuration that make the ports inaccessible. You can quickly change the setting through the management port.

Tag Based VLAN



Unlike ordinary web management switch that has only rudimentary port settings function. The Ether-GSH8TW v2 equipped with some very useful and advance management features. Tag based VLAN allow administrators to configure VLAN groups across different switches. Private VID function is supported to allow switches to write tag information into the packet. So defining complex VLAN function across the entire network become much easier.

Trunking, Broadcast Storm filter

The broadcast storm filter prevents one single station flood the network with broadcast packet. MAC based Trunking allow combining several ports to multiply the speed of one link. The priority allow certain port or packet to have more priority than others. The Static MAC address table function allow MIS to manually entering MAC address in a certain port. Finally port mirror is provided to allow MIS to sniff the packet of each ports for diagnostic purpose.

Specifications

Hardware

- 8 x 10/100/1000Base-T Nway, auto-sensing ports
- Auto MDI/MDI-X to eliminate needs for cross-over cabling
- 144K bytes packet buffer
- 8K MAC entries and 4095 VLAN entries
- LEDs:
- Power, Link/ACT, 10/100/1000Mbps
- 13" inch rack mountable

Standard Compliance

- IEEE 802.3 10BaseT Ethernet
- IEEE 802.3u 100BaseTX Fast Ethernet
- IEEE 802.3ab 1000Base-T Gigabit Ethernet over Cat.5 cable
- IEEE 802.3x flow control
- IEEE 802.1p Priority Control
- IEEE 802.1q Tag VLAN
- IEEE 802.3ad Link Aggregation
- Support jumbo frame, Max. packet length 9600 bytes

Management Interface

- Web
- Terminal Console Port (Baud Rate: 115200)

Power

- Built-in Power Supply
- Input: 90-260VAC, 50/60Hz
- Consumption: 20 Watts max.

Regulation

- FCC Part 15 Class A
- CE mark, Class A

Management Functions

- Flow control for both half- or full-duplex operation
- broadcast storm filtering
- Static MAC address Port: Lock a MAC address to a port.
- Port Status
- On/Off, Link, Auto Negotiation, Speed, Duplex, Flow
- Control, Priority
- Port Traffic Statistics
- Tx Good Packets, Rx Good Packets, Tx Bad Packets, Rx Bad Packets, Tx Abort, Collision, Drop Packets
- VLAN
 - Port-based VLAN: 8 Groups
 - 802.1Q tag- VLAN , PVID support
- Port-Trunking
 - MAC based Trunk with fail over
 - 1 group with up to 8 ports
- Port Mirror Function
- Firmware update through web

Dimension

- 125mm (W) X 252mm (D) X 44mm (H)

Weight

- 1.3 KG

Ordering Information:

Ether-GSH8TW v2 8-port 1000Base-T Gigabit WEB Management Switch