

Ether-GSH8TW+ v2

8+2 port Gigabit Web Management Switch

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

Jumbo frame

Web Management

Port Mirror

Auto MDI-X

Tag VLAN

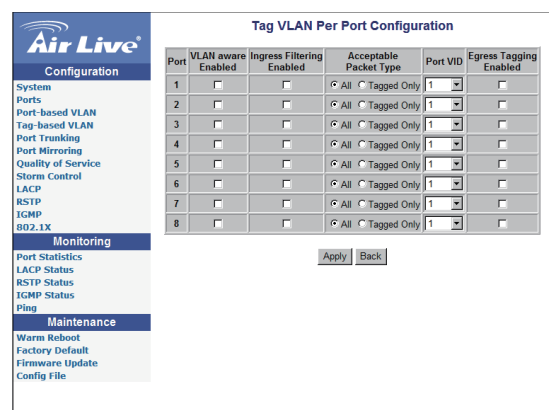
Port Trunk

2 x MINI GBIC



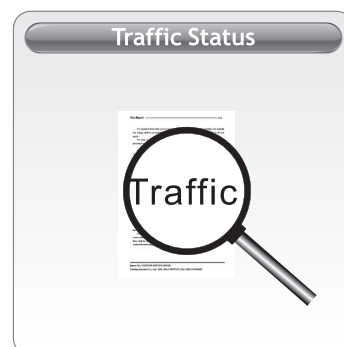
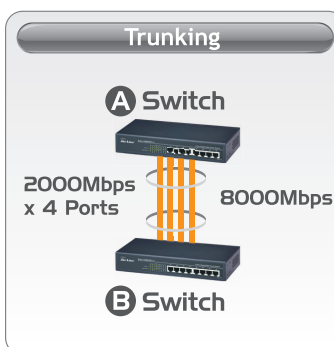
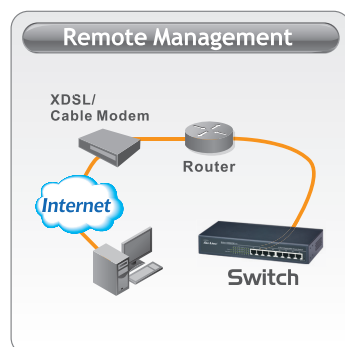
Tag Based VLAN

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



Broadcast Storm filter, Trunking, QoS, Port Mirror

The broadcast storm filter prevents one single station from flooding the network with broadcast packet. MAC-based Trunking allows combining several ports to multiply the speed of one link. The QoS function allows certain port to have more priority than others. Finally port mirror is provided to allow MIS to sniff the packet of each port for diagnostic purpose.



Remote Management and firmware upgrade via Web browser

The Ether-GSH8TW+ v2 allows user to configure the switch or firmware upgrade through local LAN or over the Internet from web browser. In addition, the RS-232 console port allows you to configure basic operations of the switch.

Specifications

Hardware

- 8 x 10/100/1000Base-T Nway, auto-sensing ports
- 2 x Mini-GBIC slots for optional Mini-GBIC Gigabit Fiber Transceivers
- Auto MDI/MDI-X to eliminate needs for cross-over cabling
- 144K bytes packet buffer
- 8K MAC entries and 4095 VLAN entries
- LEDs: Power, CPU Status, 10/100/1000Mbps, MiniGBIC slot
- 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

- Internal power
- Input: 90-260VAC, 50/60Hz
- Consumption: 8 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

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

Weight

- 0.94kg

Ordering Information:

Ether-GSH8TW+ v2	8+2 Pure Gigabit Web Management Switch
MGB-SX	1000Base-SX MiniGBIC Transceiver, LC connector
MGB-LX-10	1000Base-LX MiniGBIC Transceiver, LC connector, 10km