

Live-GSH8T



All Gigabit 8-port SOHO Switch

High Performance and Affordable All Gigabit Solution

With the advent of the Live-GSH8T all Gigabit switch, the foundation to build a high performance and affordable all Gigabit network for your home and office is realized. Equipped with 8 copper based Gigabit ports and a high performance switching engine, the Live-GSH8T connect your computers and network device at the sensational 1000Mbps speed. Sharing files and multi-media device over network is just as fast as using your own PC. Best of all, it uses the same Cat.5 cable and is compatible with all the 10/100Mbps devices.



Solution for Digital Media age

In the age of digital media, the computer has become the storage center for DV, DVD video, and digital pictures. Furthermore, the majority of the worldwide TV format will turn to HDTV and other digital standard in the next few years. The demand for faster network will increase dramatically. Gigabit Ethernet will make playing DVD quality video over the network a reality. In addition, copy Gigabytes of data over network will no longer be a time consuming process. With the Live Series Gigabit Ethernet switch, building a network capable of fast large file sharing and real time play back of high quality audio/video is simple and affordable.

Leader in Gigabit Solution

AirLive was one of the very first vendor in the world to introduce Gigabit Ethernet switch, back in 1997. Besides the surprisingly affordable pricing and stylish housing, the Live-GSH8T is equipped with a 25.6Gbps switching engine to guarantee all ports can operate at full gigabit speed simultaneously.

Network File Transfer Performance

	100Mbps	Gigabit
10 Gigabyte file transfer	14 minutes*	80 seconds*

*Performance measured using Netcom's Smartbit 2000.
Actual figure varies with CPU speed, Disk subsystem, Operating System, and Network loading.
The number should be taken for its relative values.

Video Bandwidth Requirement

	VCD	DVD
Resolution(PAL)	352x288	720x576
Bbandwidth(Mbps) at 32bit, 25FPS	81Mbps	332Mbps



Specification

Standard Compliance

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

Port Configurations

- 8 x 10/100/1000Base-T Gigabit ports
- Auto MDI/MDI-X

Architecture

- Store-and-Forward Ethernet packet switch method
- Non-blocking wirespeed switching architecture
- 8K MAC address
- Embedded frame buffer with starvation control
- Comprehensive LEDs for monitoring network diagnostics friendly]
- 10, 100, or 1000Mbps light: (Green) to indicate the duplex mode and activity.

Broadcast Storm Control: Automatic filter out the broadcast packets when they exceed 5% of the network traffic.

- Dimensions: 209 x 144 x 49 mm
- Weight: 450g
- Power supply: 120/220VAC, 50~60 Hz to DC 12V/1.5A, 18w max
- Safety/EMI: meet UL, FCC, CE, Korea EMI standard

Ordering Information

Live-GSH8T 8-port All Gigabit SOHO Switch