

OvisLink

Live-GSH8T All Gigabit 8-port SOHO Switch

Feature Summary

- * 8 x 10/100/1000Base-T Gigabit ports
- * Broadcast Storm Control
- * All Gigabit Switch
- * 25.6Gbps Throughput



Feature

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.

Network File Copy Performance		
	10/100Mbps	Gigabit
1GB file copy (over Windows)	7 minutes	1.32 minutes
Video Bandwidth Requirement		
	VCD	DVD
Resolution(PAL)	352x288	720x576
Bandwidth(Mbps) at 32bit, 25FPS	81Mbps	332Mbp

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
 - OVUM - Indicate Internal Unicast Buffer flow
 - DIAG - Diagnostic Light that also indicate when the Broadcast Storm filter is working
 - 10, 100, or 1000Mbps light: Dual Color (Green and Yellow) 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 × 144 × 49 mm
- Weight: 450g
- Power supply: 120/220VAC,50~60 Hz to DC12V/1.5A, 18w max
- Safety/EMI: meet UL, FCC, CE, Korea EMI standard

Ordering Information

Live-GSH8T	8-port All Gigabit SOHO Switch
Live-GSH5T	5-port All Gigabit SOHO Switch
Ether-FSH2500F	25-port Fast Ethernet Switch with 2 empty 100Base-FX Module Bays
Ether-FSH2501F-SC	25-port Fast Ethernet Switch with 1 x 100Base-FX module/SC connectors
Ether-FSH2502F-SC	25-port Fast Ethernet Switch with 2 x 100Base-FX modules/SC connectors
Ether-FSH2501F-RJ	25-port Fast Ethernet Switch with 1 x 100Base-FX module/MT-RJ connectors
Ether-FSH2502F-RJ	25-port Fast Ethernet Switch with 2 x 100Base-FX modules/MT-RJ connectors
FEM-100FX-SC	100Base-FX module with SC connectors for Ether-FSH2500F
FEM-100FX-RJ	100Base-FX module with MT-RJ connectors for Ether-FSH2500F