CAREFREE NETWORKING

• H-GS8T

High Speed Wired Data Transmissions
Eight 10/100/1000M Auto-sensing RJ-45 Ports
Easy to Install and Use
Two Year Warranty

PACKAGE CONTENTS:
- ◆ One H-GS8T 8-Port Gigabit Switch
- ◆ One Power Adapter
- ◆ One Easy-to-Follow User's Manual

Fast and Easy Networking

Hawking Technologies' H-GS8T 8-port 10/100/1000Mbps Gigabit Auto-sensing Switch is the perfect solution for Gigabit Ethernet and Fast Ethernet networking environments. Simply plug in your Ethernet cables into the H-GS8T and connect them to your computers' network cards. For Gigabit transfer rates, use 10/100/1000Mbps compatible network cards and connect them to the H-GS8T. High speed networking for your home or office has never been easier to achieve!

Features

- ◆ Eight 1000BASE-T Gigabit Ethernet ports
- ◆ Supports Auto-Negotiation for 10/100/1000Mbps and duplex mode
- ◆ Supports Auto-MDIX for each port
- ◆ Supports Full/Half duplex transfer mode for 10 and 100Mbps
- ◆ Supports full duplex transfer mode for 1000Mbps
- ◆ Full wire-speed reception and transmission
- ◆ Store-and-forward switching method
- ◆ Supports 4K of absolute MAC addresses
- ◆ Features 128K Bytes of RAM for data buffering
- ◆ Set of front-panel diagnostic LEDs
- ◆ IEEE 802.3x flow control for full-duplex
- ◆ Back pressure flow control for half-duplex

Network Requirements:

- ◆ IEEE 802.3 10Base-T, 100Base-T, or 1000Base-T Ethernet

![Hawking Technology logo]

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SPECIFICATIONS

Network Specifications

· IEEE 802.3ab, IEEE 802.3u, IEEE 802.3, IEEE 802.3x

Max. Bandwidth

· Full Duplex - 2000Mbps (for 1000BaseT), 200Mbps (for 100BaseTX), 20Mbps (for 10BaseT)

· Half Duplex - 1000Mbps (for1000BaseT), 100Mbps (for 100BaseTX), 10Mbps (for 10BaseT)

Media Interface

·Eight 10/100/1000Mbps RJ-45 ports

Modes

· Half and Full Duplex, auto-negotiation

MAC Address

· Up to 4K entries

Network Cables

· Gigabit Ethernet - 4-Pair UTP CAT 5, 5E Unshielded Twisted Pair (UTP) Cable

· Fast Ethernet - 2-Pair UTP CAT 5, 5E Unshielded Twisted Pair (UTP) Cable

· Ethernet - 2-Pair UTP CAT 3, 4, 5, 5E Unshielded Twisted Pair (UTP) Cable

Operating Temperature

· 0~40ºC (32º~104ºF)

Relative Humidity

· 5 % - 95% non-condensing

Power

· 5V @ 2.4A DC Input

Dimensions

· 190 x 120 x 38mm (W x H x D)

Certifications

· FCC Part 15 Class A

· CE mark Class A

· VCCI-A

CONNECT WHEREVER YOU WANT·WHENEVER YOU WANT

HAWKING TECHNOLOGIES, INC

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READY, NETWORK & GO!

It's easy to install, it's easy to use!

Step 1 - Connect it!

Plug your power adapter into the H-GS8T and connect it to your network using standard Ethernet cabling with an RJ-54 connector. It's that easy!

ORDERING INFORMATION:

H-GS5T 5-Port 10/100/1000M Gigabit Switch

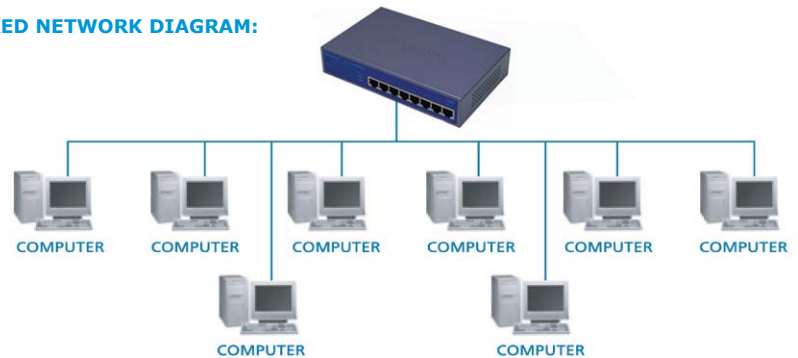**H-GA32T** 10/100/1000M Gigabit PCI Adapter

HWU36D HI-Gain 6dBi Directional Antenna with 11M Network Adapter

WR258 4-Port 802.11b Wireless Router

H-PS1U 1-Port USB 10/100M Print Server

HPSIP 10/100 Parallel Print Server

WIRED NETWORK DIAGRAM:

Product Features

Eight full-duplex copper Gigabit ports with standard RJ-45 connectors:
Plug in a standard Ethernet cable to one of the H-GS8T's RJ-45 Ports.

10/100/1000Mbps auto-sensing
The H-GS8T will detect your network speed setting to give you the best possible network performance.

Compatible with IEEE802.3ab 1000Base-T, IEEE802.3u 100BASE-TX, IEEE802.3i 10Base-T, IEEE802.3x flow control
The H-GS8T is compatible with any standardized 10/100 or 1000M NIC, Hub, or switch allowing you to connect to your existing network worry-free.

Wire-speed Filtering and Forwarding
The H-GS8T transfers multiple data requests avoiding collisions between network data with increased speed efficiency enhancing network connectivity.

External power supply
The H-GS8T comes with an external power supply. Plug the AC Adapter into an empty electrical plug and then plug the power supply into the H-GS8T.

All Ports Capable of Speed & Duplex Negotiation
Each Port on the H-GS8T can detect the speed and duplex of the attached network connection.