

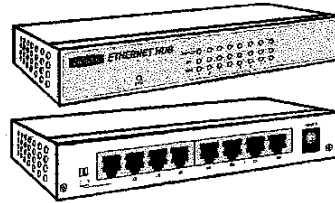
EXHIBIT C

User Manual

8-Port Unmanaged Switching Hub Revision: 1999, JUN 14

Product Information Sheet

The Fast Ethernet switching hub provides a cost-effective, high-bandwidth solution for delivering wire-speed to eight 10/100 Mbps Ethernet ports. All of 10/100 Mbps ports support auto-negotiation and auto-selection for 10 or 100Mbps, allowing the easy integration of 10BASE-T, 100BASE-TX Ethernet workgroups into one network.



All ports are full duplex which could increase the network performance up to 1.6Gbps in total. The built-in automatic address learning functionality makes the network more safe and flexible. In addition, the store-and-forward switching operation makes packet-forwarding error free connection.

Features

- Compliant with 10BASE-T, 100BASE-TX specifications of IEEE 802.3 standard.
- Equipped with eight (8) 10/100 Mbps RJ-45 ports.
- Built-in 1K MAC address self-learning mechanism.
- Built-in 2 Kbytes memory buffers.
- Backpressure flow control implemented for half-duplex operation.
- Palm size chassis design.
- Error free packet-forwarding is supported by store-and-forward switching operation.
- All ports support full-duplex/half-duplex switching capability.
- Equipped with MDI-X/MDI switch to swap the last RJ-45 port pin assignments for uplinking.

Revision: 1999, JUN 14

Specifications

Model Name

WS-SH08

Connectors



10/100BASE-TX RJ-45 *8

Mechanical

Unit Dimensions: 160mm x 100mm x 25mm

Unit Weight: TBD

Power Consumption

TBD

Emission Compliance

FCC Part 15 Class B

CISPR 22 Class B

EN55022 Class B



Operating Environment

Temperature: 0 ~ 50°C

Humidity: 10% ~ 90% (non-condensing)

Immunity Compliance

IEC 801-2 (Electronic Discharge)

IEC 801-3 (Radiated Immunity)

IEC 801-4 (Electrical Fast Transient/Burst)

Storage Environment

Temperature: -20 ~ 80°C

Humidity: 10% ~ 90% (non-condensing)

Power Supply

External

90~240VAC/50~60Hz

LED Indicators

PWR (Green)

Green LED will light when the hub is receiving power.

LINK/ACT (Green)

Green LED will light when a good link is established.

Green LED will blink when packet transmitted or received.

100 (Green)

Green LED will light when a good 100Mbps connection is established.

Green LED will be unlit when a good 10 Mbps network connection is detected.

FDX (Green)

Green LED will light when a valid full-duplex connection is detected.

Green LED will be unlit when a valid half-duplex network connection is detected.

