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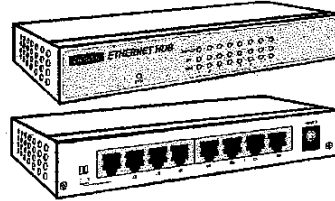
User Manual

8-Port Unmanaged Switching Hub

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 paket-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.

Specifications

Connectors

10/100BASE-TX RJ-45 *8

Mechanical

Unit Dimensions:	160mm x 100mmx 25mm
Unit Weight:	TBD

Emission Compliance

FCC Part 15 Class B
CISPR 22 Class B
EN55022 Class B

Operating Environmnet

Temperature:	0 ~ 50°C
Humidity:	10% ~ 90% (non-condensing)

Storeage Environment

Temperature:	-20 ~ 80°C
Humidity:	10% ~ 90% (non-condensing)

Model Name
WS-SH08

Power Consumption

TBD

CE

Immunity Compliance

IEC 801-2 (Electronic Discharge)
IEC 801-3 (Radiated Immunity)
IEC 801-4 (Electrical Fast Transient/Burst)

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 transmited 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.

MDI-X/MDI Switch   10/100 RJ-45 Ports   Power Socket

ETHERNET HUB

Power LED   Link. Activity.
                   Full Duplex Speed LEDs