



## SH-800

8-Port 10/100M TP NWay Switch with VLAN, QoS

### Key Features

- 8 TP switching ports with 10/100Mbps auto-negotiation and half-/full-duplex auto-sensing
- Every TP port can auto-detect MDI or MDI-X connection, no crossover cable is needed for switch/hub cascaded
- Support no VLAN or concentration VLAN settings
- Support long Ethernet frame up to 1522 bytes and 4 queues per port for QoS
- Operates at maximum packet filtering and forwarding rate, total bandwidth up to 800Mbps
- Support flow control to prevent packet loss

### Overview

SH-800 is an 8-port 10/100Mbps N-way switching hub with VLAN and QoS functions. The SH-800 can auto-detect 10/100Mbps, Half/Full duplex and MDI/MDI-X of the connecting devices, i.e. it is a plug-and-play network device. User can set the VLAN setting of the switch to No VLAN or Concentration VLAN by a switch on the front panel. If No VLAN, no VLAN is set in the switch. If Concentration VLAN, every port belongs to one independent VLAN group and shares the Uplink port for network access. Four queues are supported for QoS function and up to 1522 bytes packet length is supported. A clear indicator panel including link/activity LED, FDX (full duplex)/collision indicator LED for easy monitoring of network status.

### Technical Specifications

- **Standards:** IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX
- **Access Method:** CSMA/CD, 10Mbps and 100Mbps
- **Media Supported:**  
10Mbps: Category 3,4,5 TP cable  
100Mbps: Category 5 TP cable
- **Number of Ports:** 8 \* RJ-45 MDI-X / MDI ports
- **VLAN:** Support No VLAN or Concentration VLAN
- **Flow control:** Back pressure for half duplex and IEEE802.3x for full duplex
- **Network Interface:**  
Filtering, Forwarding and Learning, with Switching Method: Store-and-forward/Address Table: 2K Entries/ Packet Buffer: 128K Bytes/Max Bandwidth: 800Mbps  
Filtering Rate: Linespeed/Forwarding Rate: Linespeed
- **LED Indicators:** LEDs for Power, Link/Activity, FDX (Full duplex)/Collision
- **Input Power:** 100 to 240 VAC, 50 to 60Hz, with power consumption 8Watts max
- **Temperature / Humidity:** 0 to 50°C / 5% to 90% (Non-condensing)
- **Dimensions:** 37(H) x 251(W) x 118(D)mm
- **FCC Part 15 Class A & CE Mark**

