



SH-8080GSV



SH-8062GSV

8 Port Web-Smart Gigabit Switch (2 shared Mini-GBIC)

SH-8080GSV/SH-8062GSV are 8 port Gigabit high performance web-smart switch that provides up to 8 10/100/1000Mbps copper Ethernet ports, this device provides a great flexibility for nowadays variety of network application but at lower cost. User doesn't have to learn many sophisticated management function which are usually shown in SNMP switch but just to learn some simple or common control/setting through either out-of-band RS232 port or Ethernet port, however, some new, advanced and important function such as Tag-VLAN, Trunking, RSTP and IGMP are still supported same as SNMP switch, this means, user doesn't have to pay high cost as tradition layer 2 SNMP switch does while he still can get advanced and common function to meet requirement of general network application. This makes it very suitable for small or medium size company or at home to build up simple network at beginning phase with lower cost.

Moreover, web management through Microsoft Internet Explore environment, makes user's interface become easy and familiar; Terminal mode, linked by Windows Hyper-terminal, also an easy and simple way to manage switch through serial interface, that is, both in-band and out-of-band management are supported. Besides, field-code-upgrade function provides a quick way to fix software bug or update with newer code, and a "Reset to default" push button help people who always forgets his password or when he wants to do setup through Ethernet port from beginning as factory default.

An optional long-ear accessory also makes it possible as rack-mountable.

Ethernet Features

- Comply with IEEE802.3, IEEE802.3u, IEEE802.3z for 10M, 100M and 1000Base-T Ethernet
- Provide 8 Port 10/100/1000Mbps RJ45 with Auto-Negotiation, Auto-MDI/MDI-X detection
- Provides 2 shared Mini GBIC ports (SH-8062GSV model)
- Supports Half/Full Duplex operation at Wire-Speed Reception and Transmission
- Support both Flow Control on Half-Duplex for Full-duplex
- Provide MAC Address Table: 8K, Built-in packet Buffer: 144K bytes
- Support Integrated address look-up engine, automatic address learning and address aging.
- Support IEEE802.1Q tag-VLAN and with 4K VLAN IDs
- Support IEEE802.1D spanning tree, IEEE802.1w RSTP, and IEEE802.1x (MD5)
- Support Port-Mirroring function, IGMP Multicast function
- Support Multicast storm control, Broadcast Storm control as well as Flooding Control
- Support QoS on IEEE 802.1p with 4 Classes of Service
- Support DSCP Remarking for both IPv4 and IPv6 frames
- Support Link Aggregation IEEE802.3ad and fail-over
- Support Jumbo Frame in all speeds (10/100/1000Mbps)
- Reset to default “ push button “ and filed code upgradeable
- Web management through in-band (one of Ethernet ports) or out-of-band (RS-232)

Specification and Standard Compliance

- IEEE 802.3x Flow Control capability
- IEEE 802.1q tag-VLAN
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- IEEE802.1D spanning tree, IEEE802.1w RSTP, and IEEE802.1x (MD5)
- Support QoS on IEEE 802.1p
- IEEE802.3ad on Link Aggregation and fail-over

- CE, FCC, RoHS complaint
- Temperature: 5° to 45° C (operating), -20° to 70° C (storage)
- Humidity: 5% to 90 % non-condensing (operating),

LED Indicators

- Power on LED indicate the control power 3.3V is ok
- Heart-beat LED indicate the whole system is normal
- 3 LED for each Ethernet port:
 - Top LED static/flashing green ----- >> indicates 1000M Link or activity
 - Middle LED static/flashing green ----- >> : indicates 100M Link or activity
 - Low LED static/flashing green ----- >>> indicates 10M Link or activity

Dimension

- 252 mm (W) X 125mm (D) X 44mm (H)

Ordering information :

SH-8080GSV : 8 port Gigabit web smart switch, all RJ-45

SH-8062GSV : 8 port Gigabit web smart switch, 8 RJ-45 + 2 shared SFP slot

(Mini-GBIC transceiver module is not included)

Product specification subject to change without notice.