

8 Port Gigabit N-Way Switch

User Manual

Ver. 4.00

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Features & Specification

- Eight Gigabit Ethernet Ports with non-blocking Wire-speed Performance
- Eight tri-speed (10/100/1000 Mbps) copper transceivers (IEEE Std 802.3ab-compliant)
- Jumbo frame support at all speeds (10/100/100 Mbps)
- Supports Auto-Negotiation for 10/100/1000Mbps and duplex mode
- Front-panel diagnostic LEDs
- Full Duplex Flow Control(IEEE Std 802.3x™) and Half Duplex Back pressure
- Forwarding Rate: 10Mbps-14,880pps/100Mbps-148,810pps/
1000Mbps-1,488,100pps
- Operating Environment:
Temperature : 10 ~ 55°C ; Humidity : 10 ~ 95 % RH
- Dimensions(W × H × D): 16.2 x 14.4 x 2.6 cm
- Power Adapter: Switching AC-DC 5V/2A

Package Contents

- 1 x 8-Port Gigabit Switch
- 1 x AC/DC Power Adapter
- 1 x User's Manual

Optional Accessories

- Rubber feet

Front Panel LED Indicators

The following table provides descriptions of the LED status and their meaning.

LED	Color	Status	Description
Power	Green	ON	The power of the Switch is On
1000 Link/Act	Green	ON	A valid connecting with 1000 Mbps
		Blink	Receiving Packets
100 Link/Act	Green	ON	A valid connection with 100 Mbps
		Blink	Receiving Packets

RJ-45 Ports: 8×10/100/1000Mbps auto-sensing Fast Ethernet/Gigabit Ethernet ports.

Auto MDI/MDI-X: You can connect any device(including PC, Switch, Hub) to a port of this Switch using a regular cable. The RJ-45 port will auto-detect and auto-switch to the correct MDI/MDI-X mode(do not need to use a specific uplink port or cross-Over cable).

DC Power Connector: Plug DC Power Adapter's female end into This device, and the male end of the DC Power Adapter into a Power outlet. The Adapter supply the Switch with Voltage 5V, Current 2A.

Hardware Installation

This device will work with all OS' s because there is no configuration needed for this stand-alone device. This switch has auto MDI-X ports that will auto-sense the cable type that you are using for each port. The switch will then automatically change the polarity of the port as need to ensure a link with either a straight-through or crossover cable. Remember, if you have a link light then you are using the correct cable. When connecting to a Gigabit device a straight-through Ethernet cable

will always be used. Gigabit does not use uplink ports or crossover Ethernet cables. This is because Gigabit uses all 8 wires of an Ethernet cable, instead of 4 wires like 10/100.