

# **5 Port Gigabit N-Way Switch**

## **User Manual**

**Ver. 2.00**

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## ***Features & Specification***

- Five Gigabit Ethernet Ports with non-blocking Wire-speed Performance
- Five tri-speed (10/100/1000 Mbps) copper transceivers (IEEE Std 802.3ab-compliant)
- Jumbo frame support at all speeds (10/100/1000 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 8.3 x 2.6 cm
- Power Adapter: Switching AC-DC 5V/2A

## ***Package Contents***

- 1 x 5-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.

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

**RJ-45 Ports:** 5×10/100/1000Mbps 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 5 wires of an Ethernet cable, instead of 4 wires like 10/100.