5 Port 10/100Mbps N-Way Switch

User Manual

Ver. 2.00

Features & Specification

- Compliant IEEE 802.3 10Base-T and IEEE 802.3u 100Base-TX standards
- “Store and Forward” architecture filters
- 10/100Mbps with Full/Half Duplex auto-detection
- 2K MAC Address with automatic learning and aging
- 5 (Five) 10/100Mbps Auto-Detection ports
- Automatic power saving
- Maximum 100m per port Hub-to-Hub or Node-to-Hub cable length
- Throughput:148,000 packets /sec rate on 100Mbps, 14,880 packets rate on 10Mbps

Package contents

- One 5 Port 10/100Mbps Fast Ethernet N-Way Switch
- One power adapter
- One User’s Manual

Front Panel LED Indications

LED	Status	Description
POWER	ON	Power On
LINK/ACT	ON	A valid connection
	Blink	Receiving Packets

Power:

This green indicator light is on when the switch is receiving power; otherwise, it is off.

Link/Act:

This LED indicator light is green when the port is connected to a 100Mbps Fast Ethernet station. The green indicator blinks as Ethernet data is transmitted or received.

Auto MDI/MDI-X Ports:

All ports support automatic MDI/MDI-X crossover detection. The Auto MDI/MDI-X function makes it simple to connect to the switch-just plug either a Crossover or Straight-Through CAT5 cable into any port.

DC Power Jack:

Power is supplied through an external DC power adapter. Check the

product specification section for information about the DC power input voltage.

Since the switch does not require a power button, plugging its power adapter into a power outlet will immediately power it on.

Installation

PC to Switch

A computer can be connected to the Switch via a two-pair Category 3, 4, 5 UTP/STP Straight-Through or Crossover cable. A computer equipped with a RJ-45 10/100Mbps port can be connected to any of the switch ports. The LED indicators of the PC connection depend of the capability of the computer's Ethernet card. If the LED indicators are not lit after making a proper connection, check the computer's Ethernet card, the cable, and the switch's conditions and connections.

Hub/Switch to Switch

A hub (10 or 100BASE-TX) can be connected to the Switch via a two-pair Category 3, 4, or 5 UTP/STP Straight-Through or Crossover cable. For 100Mbps operating a Category 5 cable must be used. The connection is accomplished from any port of the hub to any port of the Switch.

Other Devices to Switch

The Switch can be connected to another Switch or other devices (routers, bridges, etc.) via a two-pair Category 3, 4, 5 UTP/STP Straight-Through or Crossover cable. A Category 5 cable must be used for 100Mbps operation. The connection can be accomplished from any port of the Switch to any of the 10Mbps or 100Mbps ports on another switch or other devices.

Product Specification	
Model	5-Port 10/100 Ethernet Integrated Switch
MAC Address Size	2K entries
Transmission Method	Store-and-forward
Status LEDs	Per Unit: Power Per Port: Link/Act
Forwarding Rate	10Mbps – 14,880/pps 100Mbps – 148,800/pps
Interface Options	
RJ-45	10BASE-T,100BASE-TX Universal UTP Cable Recognition for Straight-Through or Crossover Cables

	(MDI/MDI-X)
Network Protocol and Standards	
IEEE	IEEE 802.3 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet
Electrical & Electrical Emissions Summary	
Emissions	CE Mark, FCC Class A
Power Supply	DC Input: 5V, 600mA
Environmental	
Operating Temperature: 50~131°F(10~55°)	
Operating Humidity: 10~95%(Non-condensing)	
Physical Specifications	
Dimensions(W × H × D): (approx.) 88.8 x 66.5 x 26.8 mm