

5-Port Fast Ethernet N-Way Switch


User's Guide

FCC REGULATORY STATEMENTS

Part15, Class B

This device complies with Part 15 of FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interface, and
 2. This device must accept any interface received, including interface that may cause undesired operation.
- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
 - Increase the distance between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

 **Changes or modifications not expressly approved by party responsible for compliance could void the user authority to operate the equipment.**

Introduction

The 5-Port Fast Ethernet Switch comes with five independent 10/100Mbps ports. Each port can transmit as high as up to 200Mbps in full-duplex mode.

This switch also features N-Way (auto-negotiable), which automatically adjusts the device for optimal operation; “Store-and-Forward” architecture filters to eliminate error packets and improve efficiency. Plus, based on MDI/MDIX auto crossover technology, each port provides you to connect an infinite amount of switches together and to expand an existing network such easily with using either a straight-through or a crossover Ethernet cable.

Key Features

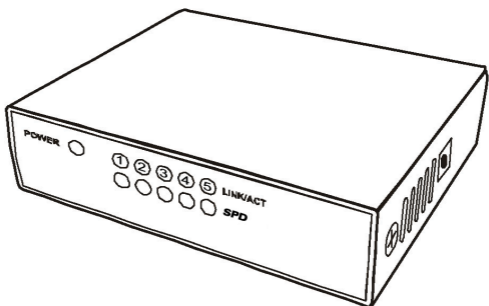
- Complies with IEEE 802.3 10Base-T and IEEE 802.3u 100Base-TX standards
- “Store and Forward” architecture filters
- IEEE 802.3x or Back Pressure (HDX) Flow Control
- 2K MAC Address table supported
- Five 10/100Mbps Auto-Detection ports
- 10/100Mbps auto-detection on Full or Half Duplex
- Power Feeding: +5Vdc/1.5A
- Each port supports MDI/MDIX auto crossover capacity.

Specification

- 5 x RJ45 STP/UTP network ports
- Maximum 100m per port Hub-to-Hub or Node-to-Hub cable length
- Dimension (WxDxH): 82mm x 66mm x 20mm
- Emission Certification: FCC/CE ClassB
- Operating Environment:
Temperature: 0 ~ 40°C
Humidity: 5 ~ 90 % RH

Parts Names and Functions

LED Indications



LED	Status	Description
POWER	On	Power On
LINK/ACT	On	A successful connection
	Blinks	Receives packets
SPD	On	Connects to a 100Mbps Fast Ethernet connection
	Off	Connects to a 10Mbps Ethernet connection

Ethernet Ports (1-5)



Ethernet Ports with MDI/MDIX auto crossover capacity.

Power Port

Connect to the External power adapter.

Hardware Installation

Hub installation

The hub is considered as a “plug and play” network device and requires no special setup except for plugging the appropriate power adapter and cables.

1. Put the hub on the appropriate location. When you install the hub, there are two things needed to be considered:

Location: Your hub should be located in a place that is central to your home/office space and allows all computers and networked devices connected to your hub.

Power: Remember to locate your hub near electrical outlet.

2. Power on the hub by connecting the power adapter.
3. Verify if the power (POWER) LED is on. If the POWER LED does not light up, check the power cord and power outlet to verify its connection. If it still remains unlit, please contact your dealer for support.

Ethernet Port Connection

Connect user machines, servers, another switch, hub, or any other devices to the Ethernet ports on this hub with either straight-through or crossover Ethernet cables.