FCC Certifications

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 when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.
Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received; including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

CE Mark Warning

This equipment complies with the requirements relating to electromagnetic compatibility, EN 55022 class B for ITE, the essential protection requirement of Council Directive 2004/108/EC on the approximation of the laws of the Member States relating to electromagnetic compatibility.

Company has an on-going policy of upgrading its products and it may be possible that information in this document is not up-to-date. Please check with your local distributors for the latest information. No part of this document can be copied or reproduced in any form without written consent from the company.

Trademarks:
All trade names and trademarks are the properties of their respective companies.

Product Key Features

- Complies with 10M BASE-T specifications of the IEEE 802.3 standard
- Complies with 100M BASE-TX specifications of the IEEE 802.3u standard
- Supports full and half duplex for 10/100Mbps
- Provides 2K Buffer memory
- Wire-speed packet filtering and forwarding rate
- Provides 2K MAC address Table
- Store-and-forward architecture filters fragment & CRC error packets
- Supports IEEE 802.3az energy efficient ethernet
- Supports auto MDI/MDI-X crossover detecting and auto correction
- RoHS compliant

Front Panel

Please refer to the following description for the front panel:

Ethernet Ports:
This Switch includes 8* Fast Ethernet ports.

LED Definition:

LED	Status	Operation
Power	Steady Green	Power is on
	Off	Power is off
Link/Act	Steady Green	The port is connected
	Blinking Green	The port is transmitting/receiving data.
	Off	No connection

Rear Panel

The power adapter is plugged into the DC Jack of the rear panel, and the rear panel is shown as below:

Installation

Before you install the switch, please check the following items in the package：

- One 8-port Fast Ethernet Switch
- One Power adapter
- One user manual

1. Operating Environment

This switching hub must be installed and operated within the limits of specified operating temperature 0~40°C(32~104°F) and humidity (10~90% Non-condensing).

˙Do not place objects on top of the unit.

˙Do not obstruct any vents at the sides of the unit.

˙ Do not position the unit near any heating source such as heater, radiator or direct exposure to sun.

Prevent entering of water and moisture into the unit, If necessary, use dehumidifier to reduce humidity.

2. Connecting the power

Connect the power adapter to the power connector of the unit; the green Power LED on the front panel should be lit.

Station Connection

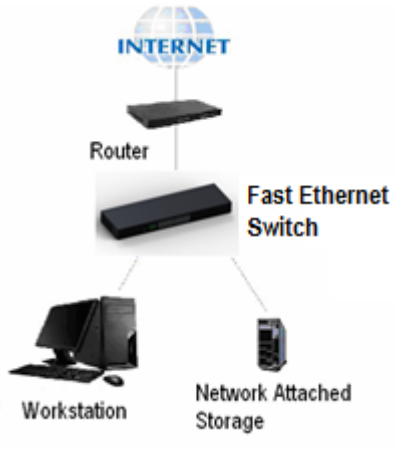
Connect each station to the switch by twisted-pair cable. Plug one RJ-45 connector into a RJ-45 port of the switch, and plug the other RJ-45 connector into the station's network adapter. Power on the switch and then system is ready.

Switches Connection

In making a switch interconnection, you could use any port to connect another switch with straight or crossover cable. As all the ports support auto MDI / MDI-X function, using a straight cable to make a switch-to-switch connection is allowed.
For cable selection, see the following table：

Network Speed	Cable Type	Max. Length
10Mbps	Cat. 3, 4, 5 UTP/STP	100 meters
100Mbps	Cat. 5 UTP/STP	100 meters

Network Application



Specification

Standard	IEEE 802.3 10 BASE-T IEEE 802.3u 100 BASE-TX IEEE 802.3az(EEE) IEEE 802.3x
Interface	8* 10/100 Mbps RJ-45 Ethernet ports
Cable Connections	RJ-45 (10BASE-T): Category 3,4,5 UTP/STP RJ-45 (100BASE-TX): Category 5 UTP/STP
Network Speed	10/100 Mbps Auto-negotiation
MAC Address	2K
Buffer Memory	96K Bytes
Dimension	142mm(L)*85mm(W)*24mm(H)
Temperature	Operating:0℃~40℃(32℉~104℉), Storage: -20°C ~ 70°C (-4℉~158°F)
Humidity	Operating: 10% ~ 90% RH, non-condensing Storage: 5%~95% RH, non-condensing
Power Supply	External power adapter
EMI	FCC, CE Class B