

ES0501-40

5-port 10/100/1000M PoE Gigabit Ethernet Switch with 4 PoE+ Ports

Quick Installation Guide



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Notice: This content is subject to be changed without notice.

FCC Warning

This device has been tested and found to comply with limits for a Class A digital device, pursuant to Part 15 of 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 and radiates radio frequency energy and, if not installed and used in accordance with the user's manual, it may cause interference in which case users will be required to correct interference at their own expenses.

CE Warning

This is a Class A product. In a domestic environment, this product may cause radio interference in which case the user may be required to take adequate measures.



1. Introduction

This switch provides 5 10/100/1000M ports. It is designed for easy installation and high performance in an environment where traffic is on the network and the number of users is increased continuously.

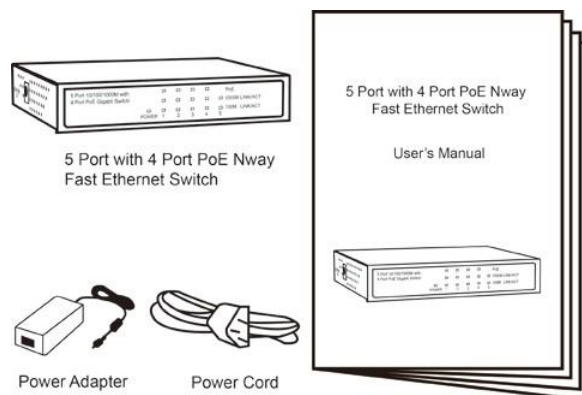
It consists of 4 PoE/PSE ports and can solve the limitation of outlet locations. In addition, it will offer a system designer more flexible solution to locate the network device everywhere.

The compact desktop size is specifically designed for small to medium workgroups. It can be installed where space is limited; moreover, it provides smooth network migration and is easy to upgrade the network capacity.

2. Package Contents

Before you start to install this switch, please verify your package that contains the following items:

- One PoE+ Gigabit Ethernet Switch
- One Power Adapter
- One Power Cord
- One Quick Installation Guide



Note: If any of these items is missing or damaged, please contact your local supplier for the replacement.

3. Key Features

- 5 Port 10/100/1000M Nway (Auto-negotiation) Switch with 4 PSE/PoE ports
- 4-port shares total power 40W (Option: 70W) and support the Max. 30 W for each PSE/PoE port
- Palm size with metal case
- Auto-learn of networking configurations
- Auto-detect full/half-duplex modes for any port
- Dedicated full-duplex 2000Mbps bandwidth
- Store-and-Forward switching methods
- IEEE 802.3x flow control for full-duplex and back-pressure flow control for half-duplex
- Non-blocking & Non-head-of-line blocking full wire speed forwarding
- Auto-MDI/MDI-X function for any port
- Smart plug & play

4. Front Panel (LEDs)

LED Indicators of 5 Port with 4 PoE/PSE 10/100/1000M Switch

LED	Status	Description
Power	On	Power is on.
	Off	Power is off.
100M or 1000M	On	Port is for connection.
	Off	No connection.
LINK/ACT	Flashing	Data is transmitting or receiving
PoE	On	Port is linked to Power Device
	Off	No Power Device is connected

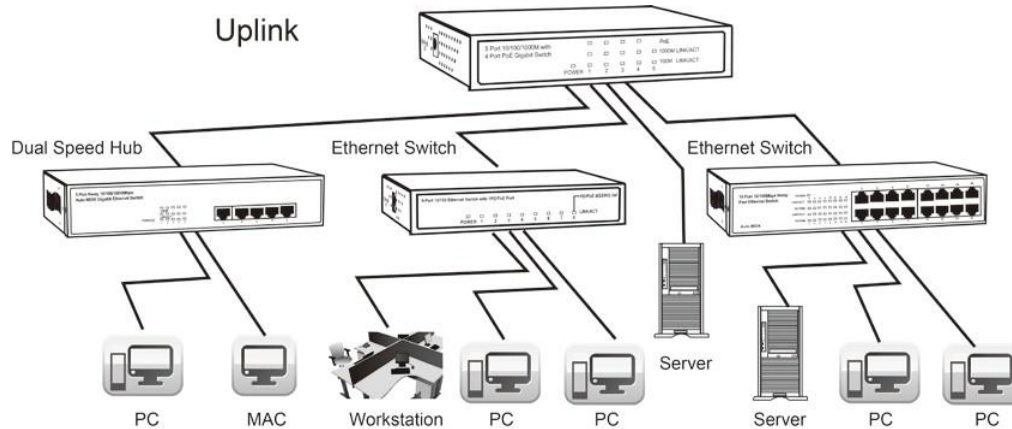
LED Display



5. Connections

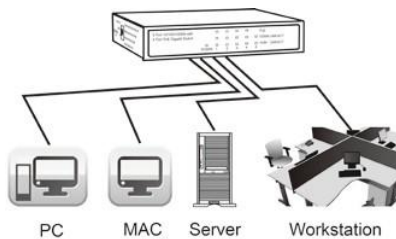
Switch/Hub to this 5 Port with 4 PoE/PSE 10/100/1000M Switch

This switch provides automatic crossover detection functionality for any port. It is simple and friendly to up-link to another switch without crossover cable.



6. PC/Other devices to this 5 Port with 4 PoE/PSE 10/100/1000M Switch

Via a twisted pair cable straight through, this switch can be connected to PCs, servers and other network devices.



7. Power Device to this 5 Port with 4 PoE/PSE 10/100/1000M Switch and getting 48V power source through a Cat. 5 cable

Using Cat. 5 twisted-pair cables to connect power devices to port 1~4 of this switch. This switch will supply 48V power to each power device via a Cat. 5 twisted-pair cable. Please make sure that the power Device should also comply with IEEE 802.3af/at standard.

Rear Panel (Power)

Power is supplied by an external DC power adapter.



8. Technical Specifications

Standards	IEEE 802.3af / at IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3ab 1000BaseT IEEE 802.3x Flow control
Features	Number of Ports: 5 10/100/1000BaseT(X) with 4 PoE/PSE Ports MAC Address: 1K Buffer Memory: 832K bits Method: Store and Forward
Filtering/ Forwarding Rates	1000Mbps port – 1,488,000pps 100Mbps port – 148,800pps 10Mbps – 14,880pps
Transmission Media	10/100/1000BaseTX Cat. 5 UTP/STP
LED Indicators	Per Port:100M LINK/ACT, 1000M LINK/ACT, PoE Per Unit: Power
Power Input	DC 48V / 1.45A
Power Output	48V/DC
Power Consumption	40 Watts Option: 70 Watts (Max)
Dimensions	130 × 97 × 24 mm (L x W x H)
Weight	1.3kg
Operating Temperature	0 to 40°C
Storage Temperature	-20 to 90°C
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC Class A, CE

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