



SW-UNM-8FE1GE-8POE

8 Fast Ethernet Ports PoE + Giga Ethernet switch



User Manual

Ver.1.0.0

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Congratulations on your purchase of the PoE Ethernet switch, 8-Fast Ethernet +1-port Giga Ethernet PoE Switch provides the seamless network connection.

The product is desktop design, all-metal chassis and elegant appearance. This product is easy to install, can rack, plug and play, no management; Dynamic LED indicator to monitor switch status and troubleshooting work. Supporting 8 Fast Ethernet and 1 Giga Ethernet auto-negotiation ports, use store and forward technology, combined with dynamic memory assignment, to ensure it can be distributed to each port. Flow control ensures to prevent data packet from losing while sending and receiving.

These PoE ports(port1-port8) can automatically detect and supply power with those IEEE 802.3at compliant Powered Devices (PDs). In this situation, the electrical power is transmitted along with data in one single cable allowing you to expand your network where there are no power lines or outlets, where you wish to fix devices such as APs, IP Cameras or IP Phones, etc.

1 Package Contents

Check the contents of your package for following parts:

- PoE Ethernet Switch x 1
- User's Manual x 1
- Power Adapter x 1
- Brackets x 2
- Rubber Feet x 4

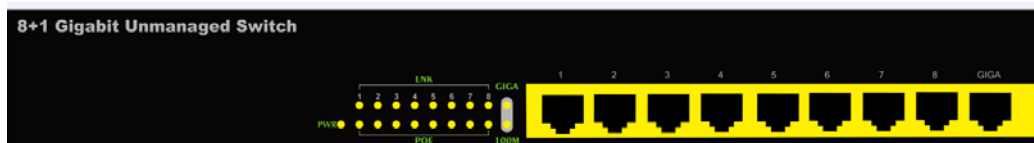
If any of these are missing or damaged, please contact your dealer immediately, if possible, retain the carton including the original packing material, and use them against to repack the product in case there is a need to return it to us for repair.

2. Product Features

- 8 Fast Ethernet Auto-negotiation Fast Ethernet RJ45 ports with 8 port PoE function (port1-port8)
- 1 Giga Ethernet Auto-negotiation Ethernet RJ45 port (port9)
- Supports PoE power up to 30W for each PoE port
- Supports PoE power up to 120W for all PoE ports
- Supports PoE IEEE802.3af and IEEE802.3at compliant Powered Device (PD)
- Supports IEEE802.3x flow control for Full-duplex Mode and backpressure for Half-duplex Mode
- 4K entry MAC address table of the switch with auto-learning and auto-aging
- LED indicators for monitoring power, link, activity, PoE, speed
- Internal power adapter supply

3. Switch Front Panel

The front panel of switch includes 8 Fast Ethernet Ports and 1 xGiga Ethernet Port and LED light.



Ports

8 Fast Ethernet RJ-45 Ports: designed to connect to the device with the bandwidth of 10M or 100M.

1 Giga Ethernet RJ-45 port: designed to connect to the device with the bandwidth of 10M, 100M or 1000M.

There 1-8 ports of switch have PoE power supply function, the maximum output power up to 30W each port, it can make PD devices, such as internet phone, network camera, wireless access point work, you only need to connect the switch PoE port directly connected to the PD port by network cable.

For legacy devices that are not compatible, the PoE port will not offer the power to this device. This feature allows users to freely and safely mix legacy and Power over LAN compatible devices on their network.

LED Indicators

LED	Status	Description
PWR	ON	Power is supplied
	OFF	No power
LNK	ON	A valid link is established
	Blinking	Data packets received or transmitted
	OFF	No link is established
PoE	ON	There is a PoE PD connected to the port, which supply power successfully.
	OFF	No PD port connect to the port.
	Blinking	The power is not enough to supply PoE device to work on.
GIGA	ON	The connection speed is 1000Mbps
	OFF	The connection speed is 10Mbps

	Blinking	The connection speed is 100Mbps
100M	ON	A device is connected to the port
	Blinking	Sending or receiving data

4. Switch Rear Panel



Power

The power port is where you will connect the included power adapter.

5. Installing the Switch

This part describes how to install your PoE Ethernet Switch and make connections to it. Please read the following topics and perform the procedures in the order being presented.

Installation method

Follow the below guide to install the switch.

- Please install the switch in a fairly cool and dry place. See the Technical Specification for the acceptable temperature and humidity operation ranges.
- Installing the switch on a sturdy, level surface that can support its weight (at least 5KG).
- Connect the power cord to the switch and the power outlet. The distance is less than 150cm.
- Leave at least 10cm (about 4 inches) of space at the front and rear of the switch for ventilation.

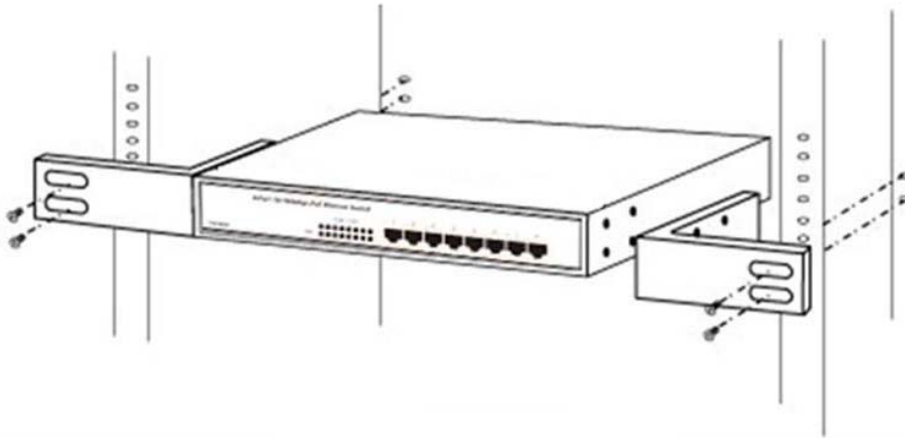
Rack-mountable Installation

The switch is rack-mountable and can be installed on an EIA-11 inch equipment rack. To do this, first, please install the mounting brackets on the switch's side panels(one on each side), secure them with the included screws, and then use the screws provided with the

equipment rack to mount the switch on the 11 inch rack.



Step 1



Step 2

Desktop Installation

To install the Switch on desktop, simply follow the next steps:

Step 1: Attach the rubber feet to the recessed areas on the bottom of the Switch.

Step 2: Place the Switch on desktop near an AC power source.

Step 3: Keep enough ventilation space between the Switch and the surrounding objects.

Step 4: Connect your Switch to network devices.

A. Connect one end of a standard network cable to the 10/100 RJ-45 ports on the Back of the Switch.

B. Connect the other end of the cable to the network devices such as printer servers, workstations or routers...etc.

Step 5: Supply power to the Switch.

A. Connect one end of the power cable to the Switch.

B. Connect the power adapter to a standard wall outlet.

When the Switch receives power, the Power LED should remain solid Green.



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