

User Guide

16-Port 10/100Mbps Ethernet Switch

Package Contents

Check the following contents of your package:

- Switch x 1
- User Guide x1
- Power Cord x1
- Accessories(Rack Mount Accessory Kit*2, Rubber Feet*4, screw*8)

If any part is lost and damaged, please contact your local agent immediately.

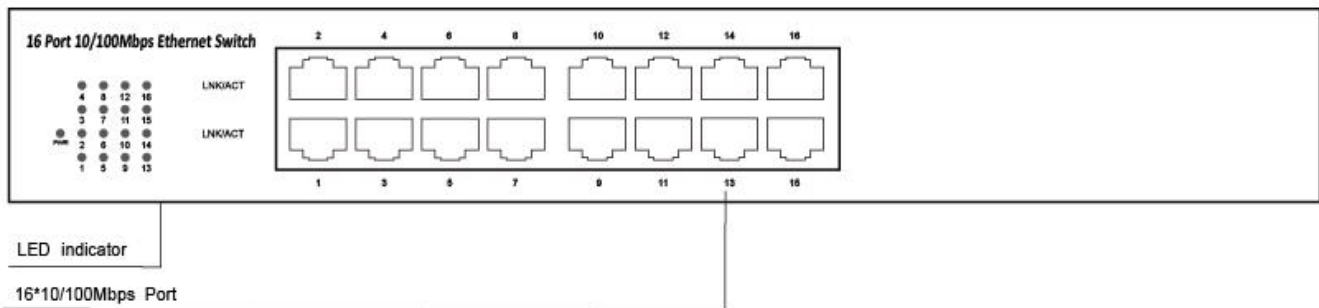
Introduction

16FE provides Product have 16*10/100Mbps RJ45 port, Using store and forward technology, combined with dynamic memory allocation, to ensure the effective allocation of bandwidth to each port. It is easy to manage and maintain which can meet a lot of networking environment, such as Business building, Community, Hotel, Office etc.

Hardware Description

Front Panel

The Front Panel Consists of Ethernet Ports. The LED indicators are also located on the panel.

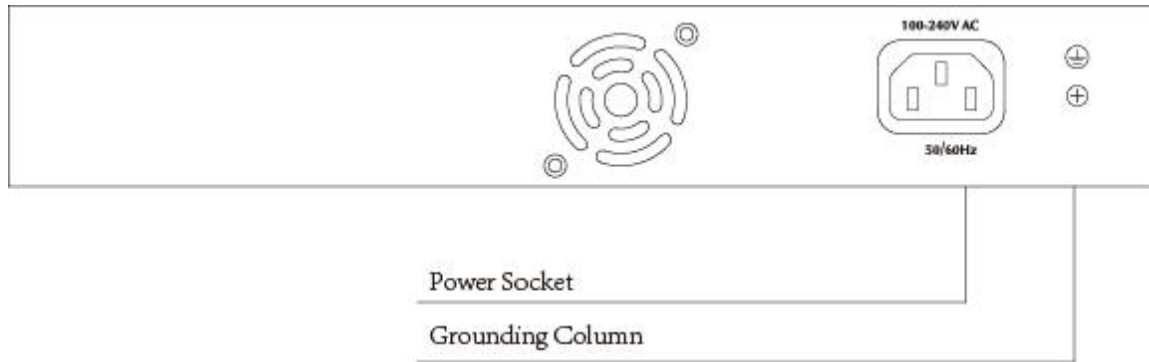


LED indicator

| LED | Color | Function |
|---------|-------|--|
| PWR | Green | Off: No Power supply. Light: Indicates the switch has power. |
| LNK/ACT | Green | Off: No device is connected to the corresponding port. Light: Indicates the link through that port is successfully established at 10/100Mbps. Blink: Indicates that the Switch is actively sending or receiving data over that port. |

Rear Panel

The rear panel of the Switch indicates an AC inlet power socket, which accepts input power from 100 to 240V AC, 50/60HZ.



Power socket

Connect the female connector of the power cord here, and the male connector to the AC(Alternating Current) power outlet. Please make sure the voltage of the power supply meets the requirement of the input voltage

Grounding column

The switch already comes with lightning protection mechanism. You can also ground the switch through the PE (Protecting Earth) cable of AC cord or with Ground Cable.

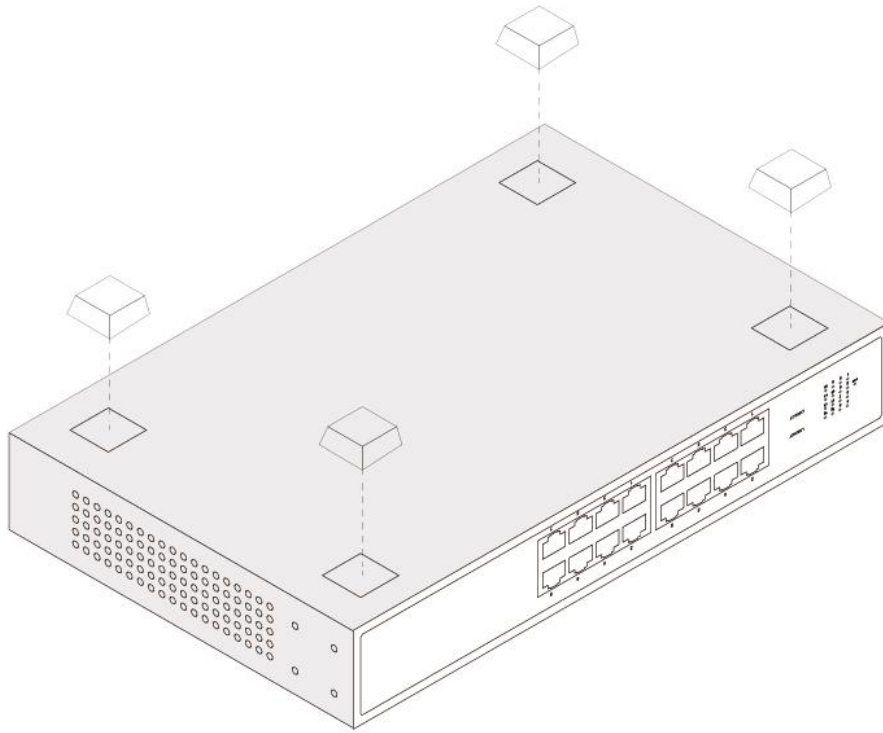
Installation the Switch

This part describes how to install your Ethernet Switch and make connections to it. Please follow the following instructions in avoid of incorrect installation causing device damage and security threat.

- Before cleaning the switch, unplug the power plug of the switch first. Do not clean the switch with wet cloth or liquid;
- Do not place the switch near water or any damp area. Prevent water or moisture from entering the switch chassis;
- Do not place the switch on an unstable case or desk. The switch might be damaged severely in case of a fall;
- Ensure proper ventilation of the equipment room and keep the ventilation vents of the switch free of obstruction;
- Make sure that the operating voltage is the same one labeled on the switch;
- Do not open the chassis while the switch is operating or when electrical hazards are present to avoid electrical shocks.

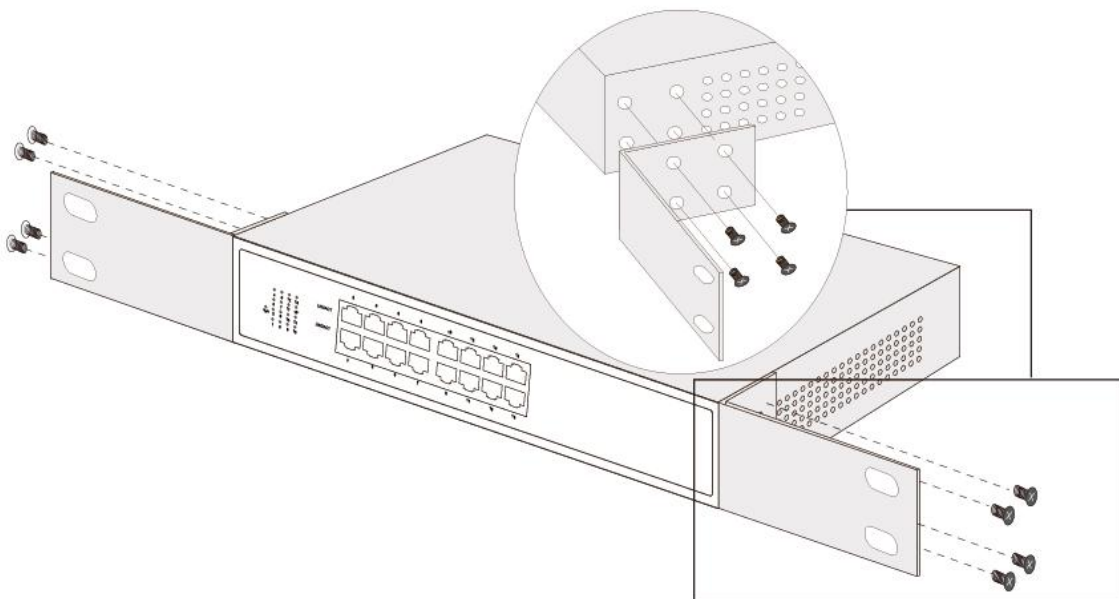
Desktop Installation

Install the Switch on a desktop, please attach these cushioning rubber feet provided on the bottom at each corner of the Switch in case of the external vibration. Allow adequate space for ventilation between the device and the objects around it.



Rack-mountable Installation

The switch is rack-mountable and can be installed on an EIA-19 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 19 inch rack.

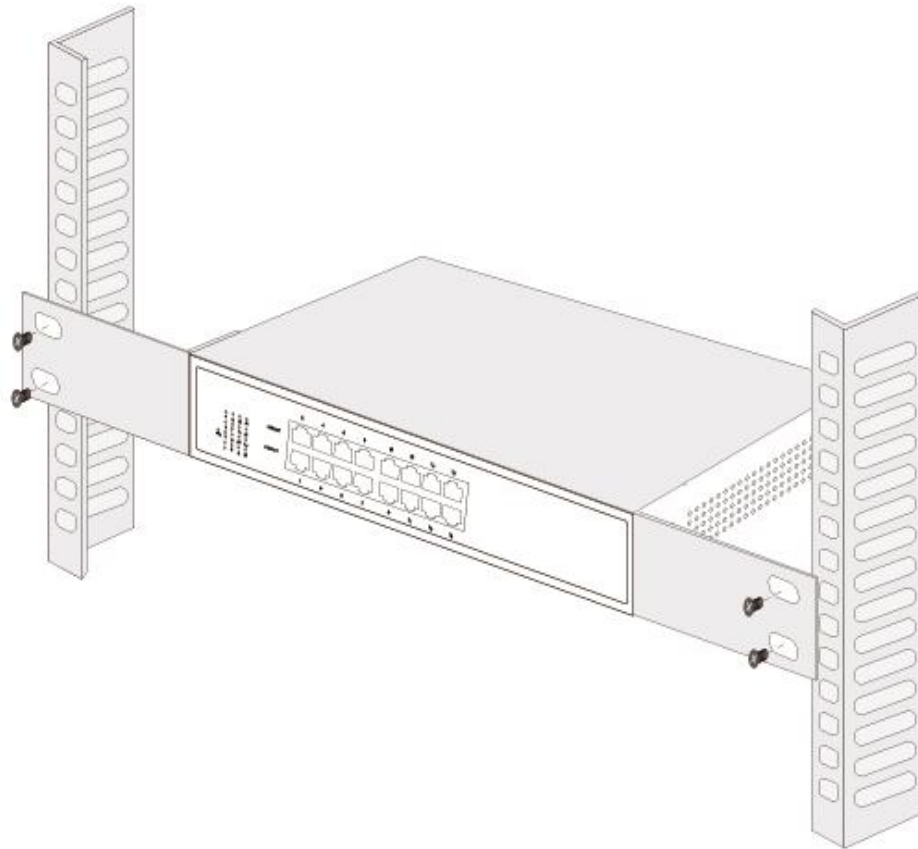


Turn on the switch

Please connect the AC power cord into the rear of the switch and to an electrical outlet (preferably one that is grounded). When the switch is power on, the LED indicators flash momentarily for one second, which represents a resetting of the system. The Power LED indicator turns on green.

Note: Please confirm the voltage is correct before power on, otherwise the switch will be damaged.

(The power input is:100V-240Vac, 50/60Hz.)



Specifications

| | |
|---------------------|--|
| Model | 16FE Ethernet Switch |
| Standard | IEEE802.3, IEEE802.3u, IEEE802.3az, IEEE802.3x |
| Network Media | 10BASE-T: UTP category 3, 4, 5 cable (≤100m) 100BASE-TX: UTP category 5 cable (≤100m) |
| MAC Address Table | 8K, Auto-learning, Auto-aging |
| Transfer mode | Store-and-Forward |
| Frame Forward Rate | 10Base-T: 14881pps/Port 100Base-TX: 148810pps/Port |
| Switching Capacity | 3.2Gbps |
| Forwarding Rate | 2.4Mpps |
| Packet buffer | 2M bit |
| Dimensions (L*W*H) | 280*179*44 mm |
| Fan | Fanless |
| Power Input | AC: 100~240V, 50/60Hz |
| Temperature | Operating Temperature: 0°C ~ 40 °C (32 °F ~104°F) Storage Temperature: -40 °C ~ 70 °C (-40 °F ~158°F) |
| Humidity | Operating Humidity: 10% ~ 90% non-condensing Storage Humidity: 5% ~ 90% non-condensing |
| Green energy saving | IEEE 802.3az |
| MTBF | >50000 hours |