16 Port and 24 Port 10/100/1000M Gigabit Switch

User Manual

PKUM00348

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Chapter 1 Introduction

1.1 Welcome

The 16- or 24-Port 10/100/1000 Gigabit Switch provides non-blocking, wire speed switching for your 10, 100, and 1000 megabit network clients. Drop this switch in place of your current workgroup hub or switch, and you can upgrade your high-requirement workstations to full Gigabit speeds as necessary, while continuing to service other clients at their current speeds. Or build your network from the ground up, with appropriate link speeds for each user's requirements. Either way, it's perfect for graphics, multimedia, and other applications that have to move large files across the network quickly. With the 16- or 24-Port 10/100/1000 Gigabit Switch, you can connect your existing 10/100 Ethernet network to a Gigabit server backbone without any additional equipment. All ports have automatic MDI/MDI-X crossover detection, so you don't have to worry about the cable type. Each port independently and automatically negotiates for best speed and whether to run in half- or full-duplex mode.

1.2 About This Guide

This User Manual contains information on how to install and configure your Wireless Adapter to get your network started accessing the Internet. It will guide you through the correct configuration steps to get your device up and running.

Note and Caution in this manual are highlighted with graphics as below to indicate important information.

 Contains related information corresponds to a topic.

 Necessary steps, actions or messages should not be ignored.

1.3 Copyright statement

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1.4 Contents of Package

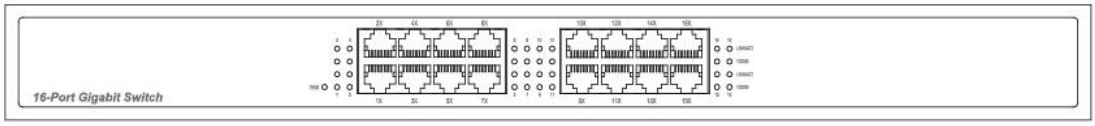
- 16/24 Port Gigabit Switch
- Power cord
- Manual

If any of the above items are missing, please contact your reseller.

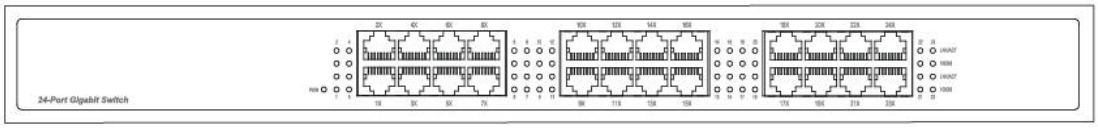
Chapter 2 Getting to know the Gigabit Switch

The 16 and 24 Port 10/100/1000M Gigabit Switch differ in number of LEDs and ports.

2.1 Switch Front Panel



16Port Giga Switch Front Panel



24Port Giga Switch Front Panel

The LEDs and network ports are located on the front panel of the Switch.

1. LED Description:

LED	Light Status	Description
PWR	ON	The PWR led will light up when the Switch is powered on.
LNK/ACT	ON	The LED will light up when there is a connection made through its corresponding port.
	FLASH	The LED will flash when there is activity on its corresponding port.
1000M	ON	The LED will light up when this port works at 1000Mbps.
	OFF	When the LED if off, it indicates the port works at 10Mbps or 100Mbps.

2. network ports
   These ports are connection points for PCs and other network devices, such as additional switches.

2.2 Switch's Back Panel

16Port /24Port back Panel

- AC Power Connector: This is a three-pronged connector that supports the power cord. Plug
- In the female connector of the provided power cord into this connector, and the male into a power outlet. Supported input voltages range from 100-220V AC at 50-60Hz.
- Radiator Fan: This is an equipped for taking from the temperature of the switch.

Chapter 3 Install Switch

The site where you place the Switch may greatly affect its performance. When installing, take the following into your consideration.

3.1 Installation method

- Follow the guidelines below to install the Switch.
- Install the Switch in a fairly cool and dry place. See the Technical Specifications for the acceptable temperature and humidity operating ranges.
- Install the Switch on a sturdy, level surface that can support its weight, (at least 4KG)
- Connect the power cord to the Switch and the power outlet. The distance is no more than 182cm.
- Leave at least 10cm (about 4 inches) of space at the front and rear of the Switch for ventilation.

3.2 Desktop or Shelf Installation

When installing the Switch on the desktop or shelf, please attach the rubber feet to the Switch. Peel off the protective paper on the pads and attach them on the bottom of the Switch (one at each corner).

3.3 Rack Installation

The Switch is rack-mountable and can be installed on an EIA-19 inch equipment rack. To do this, first 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.

3.4 Power on the Switch

The Switch has a universal power supply ranging from 100V to 220V AC,50 ~ 60Hz power source. The AC power connector is located at the rear of the unit adjacent to and the system fan. The switch's power supply will adjust to the local power source automatically.

APPENDIX A Specifications

Standards: IEEE 802.3, IEEE 802.3u, IEEE802.3ab
Interface: RJ-45
LED: PWR, LNK/ACT, 1000M
Dimensions: 432*200*44MM
Unit Weight: 2.8Kg
Power input: 100~240V AC 50~60Hz
Certifications: FCC CE
Operating Temp.: 0ºC to 40ºC
Storage Temp.: -20ºC to 70º C
Operating Humidity: 10% to 85%, Non-Condensing
Storage Humidity: 5% to 90%, Non-Condensing