

# 16/24 Ports Nway Gigabit Ethernet Switch

## User's Manual

### FCC Warning

This device has been tested and found to comply with limits for a Class B digital device, pursuant to Part 2 and 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 B product. In a domestic environment, this product may cause radio interference in which case the user may be required to take adequate measures.

### Introduction

The Switch provides 16 /24 10/100/1000M ports. It is designed for easy installation and high performance in an environment where traffic on the network and the number of user increased continuously. With the newest Gigabit chip set, 19" Gigabit Ethernet switch can fully support the highest speed without hanging on problem even when Full-Duplex is full loaded.

The switch also provides automatic crossover detection functionality on each port. It is simple and friendly to up-link to another switch without crossover cable.

The rack-mount size is specifically designed for medium to large workgroups. The Switch can be installed where the space is limited; moreover, it provides smooth network migration and easy to upgrade the network capacity. The 19" size can be rack-mount on 19" cabinet.

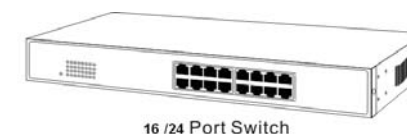
### Key Features

- Complies with the IEEE802.3 Ethernet, IEEE802.3u Fast Ethernet and IEEE 802.3ab Gigabit Ethernet Standards
- 16 /24 Port 10/100/1000M Nway (Auto-negotiation) Switch
- 19" rack-mount size
- Non-blocking & Non-head-of-line blocking full wire speed forwarding
- Store-and-forward operation support
- Supports 9.6 KB JUMBO packet
- Provides 8K MAC address entry
- Supports broadcast storm filtering
- All ports provide Auto-Negotiation and Auto-MDI/ MDI-X functions
- Supports flow control: Back pressure for Half-duplex and IEEE 802.3x for Full-duplex mode
- Smart plug & play

### Package Contents

Before you start to install this Switch, please verify your package contain the following items:

- One Gigabit Ethernet Switch
- Rack-mount Kit for Rack Installation
- One AC Power Cord
- One User's Manual



16 /24 Port Switch



Power Cord



Rack-mount Kit



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

### Front Panel (LEDs)

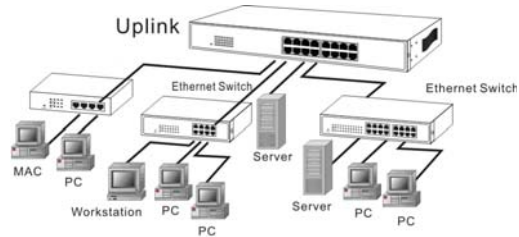
#### LED Indicators of 16 /24 Ports Gigabit Ethernet Switch

LED	Status	Description	No. Of LED
Power	On	Power on	Power
1000M	On	Link 1000Mbps	16 (1~16) 24 (1~24)
	off	Link 10/100Mbps	
Link/ ACT	On	Link	16 (1~16) 24(1~24)
	Flashing	Data activating	16 (1~16) 24(1~24)

## Connections

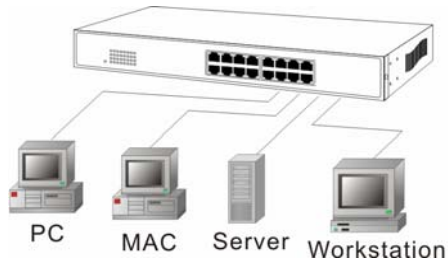
### **Switch/Hub to this 16 /24 Ports Gigabit Ethernet Switch**

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



### **PC/Other devices to this 16 /24 Ports Gigabit Ethernet Switch**

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



## Technical Specifications

Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3ab 1000BaseT IEEE 802.3x Flow control
Features	Number of Ports: 16/24 MAC Address: 8K 16/24 port Buffer Memory: 340 KB / 500 KB Jumbo Frames: 9.6 KB Method: Store and Forward
Filtering/ Forwarding Rates	1000Mbps port – 1,488,000pps 100Mbps port – 148,800pps 10Mbps – 14,880pps
Transmission Media	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP 1000BaseT Cat. 5E UTP/STP
LED Indicators	Per Port: LINK/ACT, 1000M Per Unit: Power
Power Requirement	90~260V/AC, 50~60Hz
Power Consumption	20 Watts (Max)
Dimensions	440 x 220 x 44 mm (L x W x H)
Weight	2.9 kg /3 kg
Operating Temperature	0 to 45°C
Storage Temperature	-20 to 90°C
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC Class B, CE

## Rear Panel (Power)

### **AC input**

AC input (90~260V/AC, 50~60Hz) UL Safety

