

Ordering Info.	POE-NSwitch1816 / POE-NSwitch2624
Port Description	POE-NSwitch1816: 16 ports 10/100/1000Mbps PoE managed switch with 2 Gigabit plink(2 1000Mbps SFP Slots)
	POE-NSwitch2624: 24 ports 10/100/1000Mbps PoE managed switch with 2 Gigabit Uplink(2 1000Mbps SFP Slots)
Processing types	Store and Forward
SFP/mini-GBIC Slots	2 1000Base-SX/LX/BX,shared with Port-17-Port-18 2 1000Base-SX/LX/BX,shared with Port-25-Port-26
Switch Architecture	Store-and-Forward
Switch Fabric	8.8Gbps/non-blocking
Switch Throughput	6.547Mpps@64Bytes
Address Table	8K entries
Share Data Buffer	512Kbytes
Maximum Frame Size	9K Bytes
Flow Control	Back pressure for half-duplex IEEE 802.3x pause frame for full-duplex
Performance Spec	Network Delay(100 to 1000Mbps): less than 2ms
	Mean Time Between Failure(MTBF):19000 hours
Network Standards	IEEE 802.3i 10BASET
	IEEE 802.3u 100BASETX
	IEEE 802.3x Flow Control
	IEEE 802.3 ab/z 1000 BASE-TX
	IEEE 802.3 af /IEEE802.3at Power over Ethernet PSE
Administrative Switch Management	-IEEE802.1 Q static VLAN (128 groups,static)
	-IEEE802.1p Class of service (CoS)
	-Port based QoS
	-DSCP-based QoS
	-IEEE802.3 and link aggregation (Manual or LACP)
	-IEEE802.1 D Spanning Tree Protocol
	-SNMP v1,V2c,v3
	-RFC 1643 Ethernet interface MIB
	-RFC 1493 bridge MIB
	-RMON Group 1,2,3,9
	-RFC 2131 DHCP client
-IEE802.1x	
-Port-based security by locked MAC addresses	
LED Indicator	Power,link,Activity, Speed,PoE active,PoE error
Power Supply (24 ports)	POE-NSwitch1816, Total Power Consumption: 250W; POE-NSwitch2624, Total Power Consumption: 450W;
Physical Spec (24 ports)	Dimension:440x315x44mm(LxWxH)
	Weight: 4.5kg
Power Pin Assignment	12(+) 36(-)
Power requirement	AC 90-260V Input,50/60Hz
Environmental Spec	Working Tem. : -10°C~45°C ;
	Working Humidity : 10%~90%, non-condensing ;
	Storage Humidity : 10%~90% , non-condensing ;
	Working Height: 3000m(10,000ft) Storage Height: 3000m(10,000ft)

## 16/24 ports Gigabit Rack Mount Managed PoE Switch

# User's Manual V1.02



## Introduction of the products

### 1.1. Overview

Acord 24 ports WEB Smart PoE Switches fill the gap between unmanaged and fully managed switches. It is designed for growing businesses that want control over their network without the cost and complexity of a full Layer 2 management implementation. This PoE-capable Switch, provides power and data using built-in 48V PoE on all 24 ports. In addition, this gigabit switch offers an intuitive Web based management tool for quick and easy configuration making it ideal for deploying access points, VoIP phone and IP cctv

### 1.2. Package Contents

The following items should be found in your box:

- ▶ One 16/24 ports gigabit Rack Mount PoE Switch
- ▶ Two mounting kits
- ▶ One User's Manual

Note: Make sure that the box contains the above items. If any of the listed items are damaged or missing, please contact with the factory.

### Model Description

POE- 16 Ports 10/100/1000Mbps Rack mount managed PoE switch with 2 NSwitch1816 Gigabit Uplink. Built in 250W PoE power budget.

POE- 24 Ports 10/100/1000Mbps Rack mount Managed PoE switch with 2 NSwitch2624 Gigabit Uplink. Built in 450W PoE power budget.

### 1.3. Identifying External Components

#### ① Front Panel( 16 ports PoE Rack mount PoE Switch)

There follows 16 Auto-Negotiation 10/100/1000MBase-TX ports and 2 10/100/1000MBase-TX uplink. 1-16 ports support PoE function with PoE power 15.4W/25.5W. Four LED indicators on the left include power indicators, PoE indicator, rate and status indication, as shown in the following picture. It also offers 2 10/100/1000Mbps SFP Uplink.:



16 ports PoE fiber switch front panel

#### ② Front Panel(24 ports PoE Rack mount PoE Switch)

There follows 24 Auto-Negotiation 10/100/1000MBase-TX ports and 2 10/100/1000MBase-TX uplink. 1-24 ports support PoE function with PoE power 15.4W/25.5W. Four LED indicators on the left include power indicators, PoE indicator, rate and status indication, as shown in the following picture. It also offers 2 10/100/1000Mbps SFP Uplink.:



24 ports PoE fiber switch front panel

### 1.4. LED definition

LED	Panel	status	Indication
Power LED	Power	On(green)	Power on.
		Off	Power off.
Bandwidth LED	Act	On(green)	Data ON
		Flashing(green)	Data OFF
Status Led	Link	On(Yellow)	10/100Mbps full duplex
		Off	10/100/1000Mbps half duplex

## Installation

### 2.1. Installation Notes

To install the Switch, please follow the steps:

- (1) This PoE switch is only used indoor, please place it in ventilated and dry space.
- (2) Please avoid placing the Switch on an unsteady desk.
- (3) Please insert the power adapter carefully to the power socket of the switch, and then connect it properly to a power source through the cable of the switch.
- (4) Ensure adequate ventilation space( $\geq 10$ cm) around the switch for dissipating heat and air.
- (5) Please avoid any heavy thing placed on the switch.

### 2.2. Access the Switch by PC

This switch is with default IP address as below,

IP address: 192.1638.2.1. User's name: admin, Password: admin

### 2.3. Connecting the Unit

- (1) Please respectively connect two ends of the cable to the switch port and computer or other network devices.
- (2) Please separately link the ends of the included power supply configuration to power jack and the socket.
- (3) The Power indicator will light all the time.

## Installation Diagram

