# NAS24T4XP

## Quick Installation Guide



1. To access the GUI of the switch, open a browser and type the default management address http://192.168.0.1 in the address field of the browser, then press the **Enter** key.



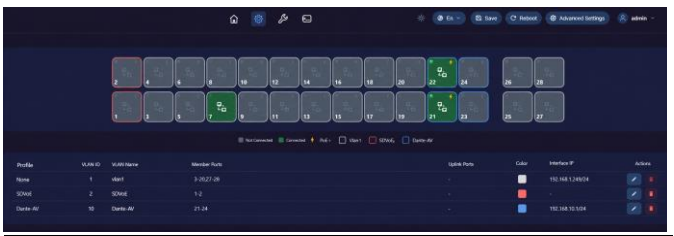
**Note:**

To log in to the switch, the IP address of your PC should be set in the same subnet as that of the switch. The IP address is 192.168.0.x ("x" is any number from 2 to 254). Subnet Mask is 255.255.255.0.

2. Enter **admin** for both the User Name and Password in the lower case letters. Then click the Login button or press the Enter key.




3. After a successful login, the main page will appear as follows, and you can click the menu on the left side to configure the corresponding functions.





## 2 Product introduction

Thanks for purchasing the NAS24T4XP.

This product is a AVoIP Solution PoE Switch, It provides 24 x10/100/1000Mbps Auto-Negotiation RJ45 PoE ports and 4x 10Gbps SFP Ports . which can satisfy the full speed forwarding of ports. The machine uses 19 "1U The standard chassis can be used on the desktop or on the rack. Excellent performance can help you widely use in for powering of wireless LAN(WLAN) access points, IP security cameras, VoIP telephone and other low port density installations.

### Front Panel

The front panel consists of LED indications.




**LED Lamp**

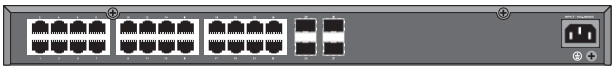
**PWR LED:** The logo LED lights up when the Switch is connected to a power source.

**Link/Act indicator:** the light indicates the network connection through the corresponding port. Flicker indicates that the switch is sending or receiving data.

**PoE indicator:** constant brightness indicates that the PD device is connected to the corresponding port, and extinguished indicates that the port is not powered or no PD device is found.

### Rear Panel

The rear panel view of the Switch consists of a AC power connector and network ports.



**Power input**: Supports input voltages 100-240VAC, 50/60Hz.

**Grounding:** use specialized ground lead connect ⏚

# 1 About guide

This guide provides instructions to install the Switch.

**Note:** The model you have purchased may appear slightly different from the illustrations shown in the document. Refer to the Product Instruction and Technical Specification sections for detailed information about your switch, its components, network connections, and technical specifications.

This guide mainly divided into 4 parts:

1. About guide: Terminology/Copyright and statement
2. Product introduction: functional overview and introduction of panel definitions
3. Hardware installation: step by step hardware installation process
4. Technical specifications

## Terminology

**Note:** indicates important information that helps a better use of the device.

**Warning:** indicates potential property damage or personal injury.

## Copyright and statement

Without the express written permission of the company, no unit or individual is allowed to imitate, copy, transcribe or translate part or all of the contents of this book without authorization.
The pictures and data shown in this guide are for reference only, subject to change without notice.



# 4 Technical specifications

| Model | NAS24T4XP | | |
|---|---|---|---|
| **Attributes** | | | |
| Networking Interfaces | 24 x 10/100/1000 Mbps RJ45 Ethernet Ports<br>4 x 10Gbps SFP+ Ports | | |
| Management Interface | Console | | |
| LED Indicators | Power, Link/Act, PoE | | |
| **Performance** | | | |
| Switching Capacity | 128 Gbps | Max. Jumbo Frame size | 16KB |
| Forwarding Capacity | 95.2 Mpps | ACL Table | 1K |
| Forwarding Mode | Store and Forward | VLAN Quantity | 4K |
| Packet Buffer Memory | 12 Mbit | VLAN Interface | 1K |
| RAM for CPU | 2 Gbit | Routing Host | 2K IPv4 or 512 IPv6 |
| Flash Memory | 256Mbit | Routing Entries | 512 IPv4 or 128 IPv6 |
| MAC Address Table | 16K | Port Queues | 8 |
| **Physical** | | | |
| Dimensions | 440 x 200 x 44 mm | | |
| Operating Temperature | 0 to 40℃ | | |
| Storage Temperature | -10 to 75℃ | | |
| Operating Humidity | 5 to 95% Noncondensing | | |
| Power Method | 100~240VAC, 50/60Hz | | |
| Power Consumption | 30W | | |
| Casing | Metal | | |
| Installation | Desktop style or Rack mount | | |
| **Power over Ethernet** | | | |
| PoE Ports | 1-24 | | |
| PoE Standard | IEEE802.3af / IEEE802.3at | | |
| PoE Power Budget | 420W | | |
| Max. PoE Wattage per Port | 30W | | |
| PoE Voltage | 52V | | |
| PoE Pin Assignment | V- (RJ45 Pin1,2), V+ (RJ45 Pin 3,6) | | |



# 3 Hardware installation

This chapter provides unpacking and installation information for the Switch.

## open a seal

Open the shipping carton and carefully unpack its contents. Please consult the packing list located in the User Manual to make sure all items are present and undamaged. If any item is missing or damaged, please contact the local reseller for replacement.

- Switch 1pcs
- Screws 6pcs
- Serial port lines 1pcs
- AC power cord 1pcs
- Mounting brackets 2pcs
- User's manual 1pcs
- Rubber feet 4pcs

## Note before installation

For safe switch installation and operation, it is recommended that you:

- Visually inspect the power cord to see that it is secured fully to the AC power connector.
- Make sure that there is proper heat dissipation and adequate ventilation around the switch.
- Do not place heavy objects on the switch.

Desktop Installation

When installing the switch on a desktop, the rubber feet included with the device must be attached on the bottom at each corner of the device's base. Allow enough ventilation space between the device and the objects around it.



Rack Installation

The switch can be mounted in an EIA standard size 19-inch rack, which can be placed in a wiring closet with other equipment. attach the mounting brackets to the switch's side panels (one on each side) and secure them with the screws provided .



Then, use the screws provided with the equipment rack to mount the switch in the rack





## Connect power supply

You can connect AC power supply cord to switch back and the other side connect the power outlet. (power outlet might as well grounding and support over voltage protection)

**Warning**: Do not turn on the power switch before power cables are connected. Power surge may cause damage to the Switch



## Using Web-based Management

After a successful physical installation, you can configure the Switch, monitor the network status, and display statistics using a web browser.

Supported Web Browsers

The embedded Web-based Management currently supports the following web browsers:

- Internet Explorer 6 or higher version
- Netscape 8 or higher version
- Mozilla
- Firefox 1.5/2.0 or higher version

Connecting to the Switch

You will need the following equipment to begin the web configuration of your device:

1. PC with a RJ-45 Ethernet connection
2. Standard Ethernet network Line

A standard Ethernet cable Connect the Ethernet cable to any of the ports on the front panel of the switch and to the Ethernet port on the PC.

