NAS16T4XP

Quick Installation Guide



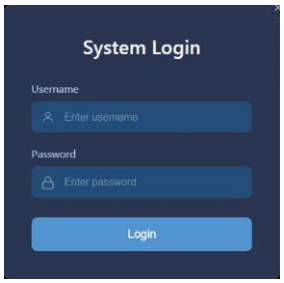
1. To access the GUI of the switch, open a browser and type the default management address http://192.168.0.1 in the address field of the browser, then press the **Enter** key.



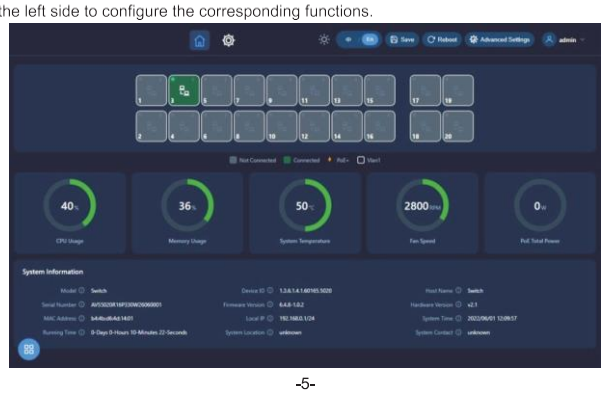
Note:

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 Switch products.

This product is a AVoIP Solution PoE Switch, It provides 16 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 and network ports.



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.

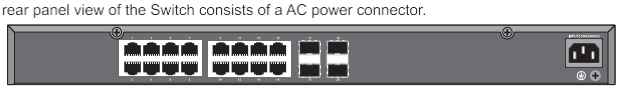
PoE indicator: constant brightness indicates that the PD device is connected to the corresponding port, and extinguished indicates that the port is not powered or no PD device is found.

SPEED: Flicker indicates that the switch is sending or receiving data.

Reset: By pressing the Reset button for 5 seconds the switch will change back to the default configuration and all changes will be lost.

Rear Panel

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



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	NAS16T4XP		
Attributes			
Networking Interfaces	16 x 10/100/1000 Mbps RJ45 Ethernet Ports 4 x 10Gbps SFP+ Ports		
Management Interface	Console		
LED Indicators	Power, Link/Act, PoE		
Performance			
Switching Capacity	112 Gbps	Max. Jumbo Frame size	16KB
Forwarding Capacity	83.3 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	128Mbit	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°C		
Storage Temperature	-10 to 75°C		
Operating Humidity	5 to 95% Noncondensing		
Power Method	100~240VAC, 50/60Hz		
Power Consumption	20W		
Casing	Metal		
Installation	Desktop style or Rack mount		
Power over Ethernet			
PoE Ports	1-16		
PoE Standard	IEEE802.3af / IEEE802.3at		
Max. PoE Power Budget	310W		
Max. PoE Wattage per Port	30W		
Max. 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.

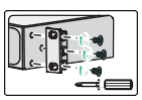
Desktop Installation

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.



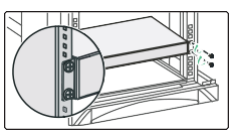
Rack Installation

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

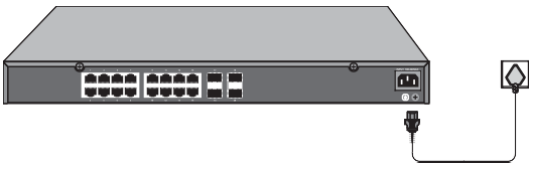




Connect power supply

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.

