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Extreme Networks Summit X460-24p

Extreme Networks Summit X460-24p Managed Switch User Manual

Model: X460-24p (Part Number: 16403)

INTRODUCTION

This manual provides instructions for the Extreme Networks Summit X460-24p, a high-performance, managed Layer 3 Ethernet switch designed for enterprise and data center environments. It features 24 Gigabit Ethernet ports with Power over Ethernet (PoE) capabilities, along with additional SFP and shared Gigabit SFP ports for flexible connectivity.

SAFETY INFORMATION

Safety Guidelines

- Always disconnect all power supply inputs before removing any panel for servicing.
- This device contains a Class 1 Laser product. Avoid direct eye exposure to beam.
- Ensure proper grounding during installation.
- Refer to the installation manual for power cord selection and additional compliance markings.

PACKAGE CONTENTS

What's in the Box

- Extreme Networks Summit X460-24p Switch
- Power Cord (region-specific)
- Rack-mounting kit
- Documentation (this manual)

PRODUCT OVERVIEW

The Summit X460-24p switch is designed for efficient network management and high-speed data transfer.

Rear Panel



This image displays the rear panel of the Summit X460-24p switch, highlighting the power input, fan modules, and the SummitStack ports. The overall chassis is purple.



A detailed view of the SummitStack ports (Stack Port 1 and Stack Port 2) located on the rear of the switch, used for stacking multiple switches.

Product Label



This label provides critical identification information for the switch, including Model: 16403, Summit X460-24p, System No.: 800323-00-03, and Serial No.: 1052G-03941.

Optional Components



This image shows the label for an optional Extreme Networks Summit 750W PoE AC Power Supply Unit (PSU), Model 10931, System No. 800382-00-03, Serial No. 1053A-41986.



SETUP

Installation Guide

Rack Mounting

The Summit X460-24p is designed for standard 19-inch rack mounting. Use the provided rack-mounting kit to secure the switch in a server rack. Ensure adequate ventilation around the unit.

Connecting Power

Connect the power cord to the AC power inlet on the rear of the switch and then to a grounded electrical outlet. The switch will power on automatically.

Connecting Network Cables

- Connect Ethernet cables from your network devices to the 24 10/100/1000Base-T PoE ports on the front panel.
- For uplink or fiber connections, use the SFP or shared Gigabit SFP ports.
- For stacking, connect SummitStack ports on multiple switches using appropriate stacking cables.

Initial Configuration Access

Access the switch's management interface via a console cable connected to the console port, or through a web browser if the switch has a default IP address configured. Refer to the Extreme Networks documentation for detailed initial setup procedures.

OPERATING INSTRUCTIONS

Basic Operation

Power On/Off

The switch powers on automatically when connected to a power source. To power off, disconnect the power cord. For proper shutdown, it is recommended to use the software-based shutdown command if available.

LED Indicators

Observe the LED indicators on the front panel for status information regarding power, system health, port activity, and PoE status. Consult the full product documentation for a detailed explanation of each LED's behavior.

Management Interface

The switch can be managed via a Command Line Interface (CLI) accessible through the console port or Telnet/SSH, or through a web-based graphical user interface (GUI).

MAINTENANCE

Care and Maintenance

Cleaning

Keep the switch clean and free of dust. Use a soft, dry cloth for external cleaning. Do not use liquid or aerosol cleaners.

Firmware Updates

Periodically check the Extreme Networks support website for firmware updates to ensure optimal performance and security. Follow the provided instructions for firmware upgrade procedures.

Fan and Power Supply Modules

The switch may feature hot-swappable fan and power supply modules. Refer to the Extreme Networks documentation for instructions on replacement if necessary.

TROUBLESHOOTING

Common Issues

No Power

- Ensure the power cord is securely connected to both the switch and the power outlet.
- Verify the power outlet is functional.

Port Link Down

- Check the Ethernet cable connection at both ends.
- Verify the connected device is powered on and functioning correctly.
- Check the port status via the management interface.

Network Connectivity Issues

- Verify IP configuration and network settings.
- Check for conflicting IP addresses.
- Consult network diagnostics tools.

SPECIFICATIONS

Technical Specifications

Feature	Description
Model	Summit X460-24p (Part Number: 16403)
Ports	24 x 10/100/1000Base-T PoE+ ports, 4 x shared Gigabit SFP, 4 x SFP
Layer	Layer 3 Managed Switch
Brand	Extreme Networks
Interface Type	PoE, SFP
System Number	800323-00-03
Serial Number	1052G-03941
UPC	683332278646

WARRANTY AND SUPPORT

Warranty Information

This product typically comes with a 90-day limited warranty. For specific warranty terms and conditions, please refer to the official Extreme Networks warranty statement or contact your vendor.

Technical Support

For technical assistance, visit the official Extreme Networks support website or contact their customer service. Have your product model and serial number ready when seeking support.