LUXUL

Simply Connected

Quick Install Guide
XMS-2624P
26-Port/24 PoE+
Gigabit Managed Switch

Use the XMS-2624P to:

▸ Connect up to 24 IP Cameras or Other PoE-Enabled Devices (Max Output 370 Watts)

▸ Add 802.3af/at Gigabit PoE+ Capability to Your Network

▸ Optimize Your Network with VLAN, QoS and PoE Management

▸ Enhance Network Performance with Layer 3 Static Routing

▸ Simply Plug and Play

SWITCH

Quick Install Guide

Model Number: XMS-2624P
26-Port/24 PoE+ Gigabit Managed Switch

DOCUMENT CONVENTIONS

These graphical alerts are used in this document to indicate notable situations:

NOTE: Tips, hints, or special requirements that you should take note of.

CAUTION: Care is required. Disregarding a caution can result in data loss or equipment malfunction.

WARNING!: Indicates a condition or procedure that could result in personal injury or equipment damage.

FCC COMPLIANCE

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CONTACT LUXUL

Sales	Technical Support
P: 801-822-5450	P: 801-822-5450
E: sales@luxul.com	E: support@luxul.com

PACKAGE CONTENTS

The following items are included in the box:

- XMS-2624P 26-Port/24 PoE+ Gigabit Managed Switch
- Power Cord
- Rack Mount brackets and screws
- Four rubber pads
- Quick Installation Guide

If any of the listed items are missing or damaged, please contact the Distributor from whom you purchased for return/replacement.

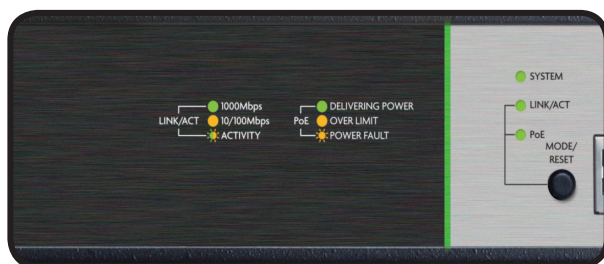## HARDWARE DESCRIPTION

Front Panel

The front panel of the XMS-2624P Switch includes 1 console port, 24 Gigabit RJ45 Ports and 2 RJ45/SFP combo ports for expansion, as well as LED indicators for each port. Each Gigabit port has one Link/Activity/PoE LED. A push button switch with an LED indicator switches the display between Link/Activity and PoE.

XMS-2624P Front Panel View

LED Indicators

Each port has one Link/Activity/PoE LED. A push button switch with LED indicator switches the display between Link/Activity and PoE.
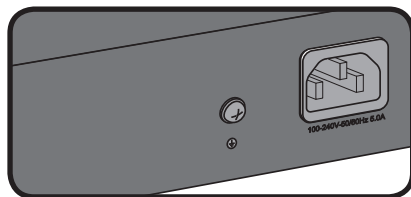

LED Indicators

LED indicators show the working status of the switch. The following table describes the LED functionality:

Indicator Name	Description	
System	Green Flashing	Indicates that the XMS-2624P is running normally.
	Green On	Booting up or indicates a malfunction. Contact technical support.
	Red On	This LED indicates the XMS-2624P in power on system initialization process.
	Off	Indicates that the XMS-2624P is in startup and initialization process or is not on.
Speed/PoE Button	Speed On	Port LED's display Speed status
	PoE On	Port LED's display PoE status
Speed	Green	The Link/Activity LED of the port will be on if there is a 1000Mbps device connected to the port.
	Yellow	The Link/Activity LED of the port will be on if there is a 10/100Mbps device connected to the port.
	Flashing	The Link/Activity LED flashes when a port is receiving or transmitting data.
	Off	There is nothing connected to the port.
PoE	On	Connected device is receiving PoE Power.
	Off	Connected device is not receiving PoE power.
	Green	Power being supplied within PD Specified limits
	Yellow	Power exceeds PD Specified limits
	Yellow Flashing	PoE Fault(i.e. problem with Ethernet cable or PoE device).

At startup, port LEDs will flash for 1 second as a self test.

When an SFP optical interface is in use, the Link/Activity LED of the corresponding Ethernet port will indicate the SFP status.

Rear Panel

XMS-2624P Rear Panel View

Power Input: Please use the included power cable

PREPARING FOR INSTALLATION

System Requirements

▸ **Ethernet Cables** to connect the XMS-2624P to Ethernet enabled devices

▸ **Computer** equipped with a Web browser. Supported Web browser versions include Microsoft I.E. 9.0, Firefox 3.6, Safari 5.0, Chrome 6.0, Opera 10.6 and up. The Web browser is used to configure the XMS-2624P.

▸ **Power** must be AC 100-240V~ 4.7A 50/60Hz.
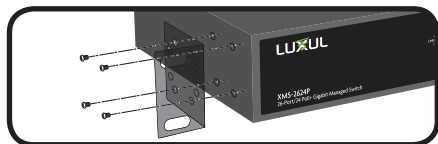
Before Connecting to the Network

The XMS-2624P can be rack-mounted or used as a desktop switch. Before connecting to the network, please be aware of the following requirements:

▸ Install the XMS-2624P in a stable/safe place to avoid any possible damage

▸ Make sure there is space around the XMS-2624P for adequate ventilation and proper heat dissipation. It is recommended to have at least 4-6 inches around all sides.

▸ Do not place heavy articles on the XMS-2624P.

▸ Power outlets should be within 5 feet of the XMS-2624P.

▸ Verify the ground connection of the outlet is functioning properly.

▸ Check the power cord to confirm a secure connection.

▸ Avoid placement in direct sunlight.

▸ When installing the XMS-2624P on a flat surface, attach the rubber feet to the bottom of the device to avoid scratching the surface.

XMS-2624P INSTALLATION

Installing the XMS-2624P in a Rack

The XMS-2624P can easily be installed in a standard 19" rack. The XMS-2624P includes two mounting ears for installing and stabilizing the switch. When attaching the mounting ears and installing the switch within a rack, please refer to the following illustration:
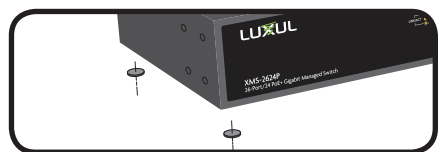

Rack-Mounting the XMS-2624P

▸ Using the included screws, attach the mounting ears to each side of the switch.

▸ Mount the switch in the rack with the LEDs facing outwards. Be sure the switch is level and properly secured within the rack.

Desktop Setup

For use as a desktop device, position and apply the included rubber feet to the bottom of the XMS-2624P.

Attaching the Rubber Feet to the XMS-2624P

Network Connections:

The XMS-2624P supports 10/100/1000 Mbps Ethernet; 10/100 Mbps half/full-duplex mode and 1000 Mbps full-duplex mode. All RJ-45 ports support Auto MDI/MDIX and can be used as ordinary ports or as Uplink ports. Any RJ-45 port can be used to connect the XMS-2624P to an Ethernet enabled device (including servers, routers, and other switches) without a crossover cable.

The XMS-2624P offers 2 shared optical module expansion ports. Once the Gigabit SFP optical modules are inserted, these interfaces can support optical fiber cables to extend the Gigabit network—enabling the network to reach beyond the 300 foot limitation of twisted pair Ethernet.

For the RJ-45 ports, Category-5, super Category-5 or Category-6 unshielded twisted pair (CAT5/CAT5e/CAT6 UTP) should be used.

> **NOTE:** For best results, it is recommended that Category-6 shielded twisted pair be used to ensure stable data transmission at 1000 Mbps.

Optical fiber/cable should be selected based on the wavelength of the SFP optical module to be used.

Make sure only one Uplink channel exists between switches or between the XMS-2624P and a router. Otherwise, loops can occur and result in network failure.

Default IP Address

The XMS-2624P default IP address is 192.168.0.4. This address can be changed. However, for hassle free installation of other plug and play Luxul devices, it is recommended that the default IP value be maintained.

Login

The XMS-2624P is not equipped with internal DHCP server. However, if your switch is connected to a Luxul Router, configuration will be automatic. Otherwise, the IP address of the computer for login and configuration will need to be manually configured. The table below lists the default parameters of the XMS-2624P.

Parameter:	Default Value
Default IP address:	192.168.0.4
Default user name:	admin
Default password:	admin

Login to the switch with the following steps:

1. Plug an Ethernet cable into any of the ports of the switch

2. Plug the other end into the Ethernet port of your computer

3. Power on the switch

4. Check to see that the IP address of the computer is within this network segment: 192.168.0.xxx ("xxx" ranges 1~254). For example, 192.168.0.100.

5. Open the Web browser, and enter 192.168.0.4. The login window appears.

6. Enter the user name and password (default user name and default password are both set as "admin"), and then click "OK" to login to the switch configuration window.

ADVANCED SETTINGS

For login and advanced settings information go to luxul.com

WARNINGS AND SAFETY INFORMATION

- ▶ Verify that the electrical circuits have appropriate grounding and overload protection.
- ▶ Attach only approved power cords to the device.
- ▶ Verify there is adequate ventilation around the device, and that ambient temperatures meet equipment operation specifications.
- ▶ The XMS-2624P is designed for indoor use only. DO NOT place this outdoors.
- ▶ DO NOT install in or near hot or humid places, such as a kitchen or bathroom. Take care to minimize exposure to excessive heat or moisture.
- ▶ Small parts and plastic bags used for packaging may be harmful to small children. KEEP All ACCESSORIES OUT OF THE REACH OF CHILDREN!
- ▶ The XMS-2624P may become warm when in use for extended time periods. This is normal and is not a malfunction. DO NOT install where it will be exposed to paper, cloth or other flammable materials.

FCC Statement:

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the 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, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with part 15 of the FCC Rules.

CE

Hereby, Luxul, 14203 Minuteman Drive, Suite 201, Draper, Utah, 84020, declares that this Luxul XMS-2624P is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

For a copy of this report send a self addressed stamped envelope to:
Luxul CE, 14203 Minuteman Drive, Suite 201, Draper, Utah, 84020.

Industry Canada

CAN ICES-3(A)/NMB-3(A)

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