QUICK INSTALL GUIDE

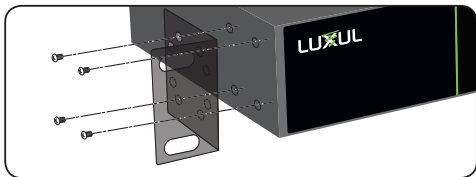## 52-Port Stackable Gigabit PoE+ L2/L3 Managed Switch
XMS-7048P

Includes:

▶ XMS-7048P 52-Port PoE Switch

▶ Power Cord

▶ Mounting Hardware

LUXUL™

INSTALLATION AND SETUP

① Physical Installation

The XMS-7048P can easily be installed in a standard 19" rack. Two mounting ears are included for installing and stabilizing the switch. When attaching the mounting ears and installing the switch in a rack, please refer to the following illustration:

Rack-Mounting the XMS-7048P

▶ 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 in the rack.

Desktop Setup

For use as a desktop device, position and apply the included rubber feet to the bottom of the XMS-7048P.

② Connecting Ethernet and Power

Ethernet and Power Connections

Use one of the 50 Ethernet ports to connect the XMS-7048P to any Ethernet-enabled device, including servers, routers or other switches.
No crossover cable is necessary.

The XMS-7048P supports 10/100/1000 Mbps Ethernet; 10/100 Mbps half/full-duplex mode and 1000 Mbps full-duplex mode. Ports 1-48 are PoE+ and are enabled by default. Ports 49 and 50 are Gigabit Ethernet only (non PoE).

Use the included power cable to connect the XMS-7048P to a surge-protected outlet. The AC input socket is on the rear panel. The built-in power supply supports 100-240VAC at 50/60Hz.

The rear panel also features a redundant power supply (RPS) connector. To utlize this feature, you'll need an external power supply and an appropriate RPS cable to connect the XMS-7048P to the external power supply.

Network Cabling

Luxul recommends Category-5, super Category-5 or Category-6 unshielded twisted pair (CAT5/CAT5e/CAT6 UTP). To ensure best performance and stable data transmission at 1000 Mbps, use Category-6 shielded twisted pair.

⚠ **CAUTION:** *Multiple Uplink channels can create loops, resulting in network failure. Ensure only one Uplink channel exists between switches or between the XMS-7048P and a router.*

✅ **NOTE:** *When powering up, the port LEDs may take a moment to initialize. This is normal as the XMS-7048P initialization and startup process completes.*

✅ **NOTE:** *The XMS-7048P has an internal 740W power supply. Do not exceed 25.5W each or 740W combined consumption of all external PoE devices.*

❸ Preparing for Access

IP Addressing

If the XMS-7048P is connected to a network with a 192.168.0.X address scheme, and your computer shares a similar address on the same network, you can skip to the next step, **Access and Setup**.

> ✅ **Note:** *If another device on your network shares the 192.168.0.4 address, you'll need to temporarily reassign or remove that device while you configure the XMS-7048P.*

If your network uses an address scheme other than 192.168.0.X, you'll need to set a temporary static IP address on the computer you're using for configuration. To do so, set the IP address of your computer to an address in the 192.168.0.X range, then set the Gateway/Router address to 192.168.0.4 (the default IP address of the XMS-7048P).

Once you're finished configuring the switch, you can return your computer's IP configuration to normal, typically "Obtain Automatically/DHCP."

> ✅ **Note:** *Visit http://luxul.com/ip-addressing to learn more about changing your computer's IP address and getting connected.*

❹ Access and Setup

Getting Connected

Use an Ethernet cable to connect your computer to the XMS-7048P, then power on the switch.

Logging In

To access the XMS-7048P web configuration, open your web browser and enter the switch's default 192.168.0.4 IP address in the address field. Log in to the switch using the default user name and password:

Default IP: 192.168.0.4
Username: admin
Password: admin

Select the menu items on the left to view and/or modify the configuration.

Refer to the Quick Setup Guide at Luxul.com for more detailed information on setup, IP configuration and routing, PoE, VLANs, Spanning Tree, and Stacking.

5 Hardware Operation

Front Panel

The front panel of the XMS-7048P includes 50 Gigabit Ethernet RJ-45 ports, two 10-Gigabit SFP+ ports, status-, link- and PoE LEDs, a Mode/Reset button and an RJ-45 Console port.

XMS-7048P Front Panel View

Rear Panel

The Rear Panel of the XMS-7048P features a standard AC power input and a redundant power supply (RPS) connector for use with an external power supply.

LED Indicators

The LED indicators on the XMS-7048P include System, Link/Act and PoE LEDs, and an LED for each port. These LED indicators show the operating status of the XMS-7048P and each port connection.

Mode/Reset Button to Change LED Functionality

Tapping the Mode/Reset button briefly switches the port indicator between displaying port link speed and PoE status.

The following chart shows the LED indicators of the XMS-7048P along with an explanation of the indicator's properties:

Indicator Name	Description	
System	Green Flashing	Indicates normal operation.
	Green On	Indicates a malfunction. Contact support.
	Red On	Indicates power-on system initialization.
	Off	Indicates startup/initialization process or that power is not on.
Port Link/ Act Status 1-50	Green	1000Mbps device connected to the port.
	Yellow	10/100Mbps device connected to the port.
	Flashing	Port receiving or transmitting data.
	Off	Nothing connected to the port.

Port PoE Status 1-50	Green	Switch is providing PoE power to a device.
	Yellow	PoE is off due to a fault or because the connected device is exceeding power limit.
	Off	Port disconnected or link failed.

Note: At startup, the port LEDs will flash briefly during a self-test.

Mode/Reset Button to Reset/Restore

The Reset button (located at the lower-left corner of the front panel) is used to reset (reboot) the switch, or to restore the switch to factory default settings.

▶ **To Reboot/Reset the Switch:** With the XMS-7048P powered on, press the Reset button for approximately three seconds until the Link/Act and PoE LEDs both light, then release the button.

⚠ **CAUTION:** *Do not hold the button for more than four seconds. Doing so could erase all settings and restore factory defaults.*

▶ **To Restore Default Settings:** With the XMS-7048P powered on, press and hold the Reset button approximately eight seconds, until both the Link/Act and PoE LEDs turn off, then release the Reset button and the switch automatically restores factory default settings and reboots. Once the System LED starts flashing again, the XMS-7048P is running with factory defaults.

⚠ **CAUTION:** *Please note that restoring Default Settings will remove any/all custom configuration.*

Sales

P: 801-822-5450
E: sales@luxul.com

Technical Support

P: 801-822-5450 Option 3
E: support@luxul.com

A brand of **legrand**