

## XMS-7048P

### WHAT THIS PRODUCT DOES:

The Luxul 52-Port Stackable Gigabit PoE+ L2/L3 Managed Switch (XMS-7048P) is an excellent choice for expanding your network when using PoE-enabled devices such as Touch Panels, VoIP, IP cameras and Wireless Access Points. The 52-port Gigabit switch includes 48 PoE+ ports, 2 Gigabit RJ-45 ports and two 10 Gigabit SFP+ stacking ports for seamless scalability/management of up to 16 switches (800 ports). With PoE+, you can use standard Ethernet cable to deliver both power and high speed data to 802.3af/at-compliant devices, with a total power budget of 740 Watts. The advanced Layer 2/Layer 3 features and simple-to-use management interface helps to optimize network traffic.

- ▶ Stackable to 16 Switches (800 Ports)
- ▶ 48 PoE+ Ports (740W Power Budget)
- ▶ Layer 2 and Layer 3 Functionality
- ▶ RPS Enabled
- ▶ Optimized for HD Over IP Applications

### FEATURES:

- ▶ 48 Gigabit 802.3af/at PoE+ Ports (740W Power Budget)
- ▶ Two Gigabit RJ-45 ports
- ▶ Two 10-Gigabit SFP+ ports
- ▶ 140Gbps Switching Capacity
- ▶ Full Layer 2/3 Support
- ▶ 802.1Q VLAN (with Trunking)
- ▶ QoS Support
- ▶ Redundant Power Supply (RPS) Capable
- ▶ Plug-and-Play Installation with Intuitive Management
- ▶ Simple Power Management of PoE-Enabled Devices
- ▶ Standard 1U 19" Rack-Mount Enclosure
- ▶ Three Year Limited Warranty

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



### TECHNICAL SPECIFICATIONS

#### Hardware Features

<b>Standards</b>	▶ IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af/at, IEEE 802.3x, IEEE 802.1P, IEEE 802.1Q, IEEE 802.1X, IEEE 802.1D STP, 802.1w
<b>Stacking</b>	▶ Stacking Requires a 10 Gigabit SFP+ Fiber Uplink ▶ VSTAX™ Stacking Protocol ▶ Hardware Support for Shortest Path Forwarding ▶ Fast Failover within 100ms ▶ 2x12Gbps Uplink Bandwidth using Standard Cables ▶ Stacking of up to 16 Switches ▶ Stack-side Congestion Management
<b>Interface</b>	▶ RJ-45: ▶ 10 Base-T: Cat.5 UTP /STP ▶ 100 Base-TX: Cat.5 UTP /STP ▶ 1000Base-T: Cat.5e or Cat.6 UTP/STP ▶ Gigabit fiber uplinks on SFP ports ▶ Cable Recognition for Straight-through or Crossover Cables
<b>Surge Protection</b>	The RJ45 port surge protection is tested to: EN61000-4-5 (for RJ45 Port, Surge 6KV)
<b>VLAN</b>	▶ 802.1Q max 4094 VLANs & VLAN Trunking ▶ Supports 1 Management VLAN
<b>LED</b>	▶ Per Unit: Power, System ▶ Per Port: Link/Activity
<b>Power Budget</b>	740W
<b>Max Power Consumption</b>	1008W
<b>Power</b>	Internal Switched Power, AC 100-240V, 50-60Hz input
<b>Layer 2 and Layer 3</b>	▶ Policing with Storm Control and MC/BC Protection ▶ RSTP and MSTP Support ▶ Independent and Shared VLAN Learning ▶ TCAM-based Classification and VCAP-II Security ▶ Layer 3 Unicast and Multicast Routing
<b>Network Data Transfer Rate</b>	▶ Ethernet: 10Mbps (Half-duplex) ▶ Ethernet: 20Mbps (Full-duplex) ▶ Fast Ethernet: 100Mbps (Half-duplex) ▶ Fast Ethernet: 200Mbps (Full-duplex) ▶ Gigabit Ethernet: 1000Mbps (Half-duplex) ▶ Gigabit Ethernet: 2000Mbps (Full-duplex)
<b>Oper. Temperature</b>	32°F to 104° F (0°C to 40°C)
<b>Operating Humidity</b>	10% to 90% (Non-condensing)
<b>Dimensions LxWxH in. (mm)</b>	17.4"(442) x 14.75"(375) x 1.75"(44.5)
<b>Weight lbs (kg)</b>	12.20 (5.54)
<b>Certification</b>	FCC, CE, RoHS

All references to speed are for comparison purposes only. Product specifications, size and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.

#### Warranty:

- ▶ 3 year Limited Warranty

#### Minimum System Requirements

- ▶ Ethernet Cable
- ▶ Computer with Windows, Mac or Linux OS

#### Package Contents

- ▶ 52-Port Stackable Gigabit PoE+ L2/L3 Managed Switch
- ▶ Rack Mount Kit
- ▶ Rubber Feet
- ▶ Power Cord
- ▶ Quick Install Guide