LUXUL™

AMS-4424P

WHAT THIS PRODUCT DOES:

The Luxul AV Series 26 Port/24 PoE+ Stackable L2/L3 Managed Switch (AMS-4424P) features rear panel ports and front facing LEDs (user selectable blue/green colors) for clean integration with AV rack systems. With 24 Gigabit RJ-45 PoE+ ports and two 10 Gigabit SFP+ stacking ports, it provides superior network performance and seamless scalability/management of up to 16 switches (384 ports). The AMS-4424P includes 24 PoE+ ports, allowing the use of standard Ethernet cable to deliver both power and high speed data to 802.3af/at-compliant devices (i.e. VoIP, IP Cameras and Wireless APs), with a total power budget of 250 Watts. The advanced Layer 2/Layer 3 features and simple-to-use management interface helps to optimize network traffic.

USE THE AMS-4424P TO:

- ▸ Optimize Streaming Media and HDMI Over IP Performance
- ▸ Offer Seamless Network Expansion Up To 384 Ports
- ▸ Connect up to 24 PoE-Enabled Devices (Max Output 250 Watts)
- ▸ Enhance Performance with Layer 2 and Layer 3 Functionality

FEATURES:

- ▸ 24 Gigabit RJ45 Ports
- ▸ Two 10 Gigabit SFP+ ports
- ▸ 24 Ports Support 802.3af/at PoE+ with 250 Watt Power Budget
- ▸ 88 Gbps Switching Capacity
- ▸ Full Layer 2/3 Support
- ▸ 802.1Q VLAN (with Trunking) and QoS Support
- ▸ Plug-and-Play Installation with Intuitive Management
- ▸ Simple Power Management of PoE-Enabled Devices
- ▸ User Selectable Green or Blue Front facing LEDs
- ▸ Variable Speed Fans for Quiet Operation
- ▸ Standard 19" Rack-Mount
- ▸ Three Year Limited Warranty

AV Series 26-Port Gigabit Stackable PoE+ L2/L3 Managed Switch

AMS-4424P Front

AMS-4424P Back

AMS-4424P TECHNICAL SPECIFICATIONS

Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.3ab, IEEE 802.3af, IEEE 802.1D, IEEE 802.3x IEEE 802.1P, IEEE 802.1Q, IEEE 802.1X, IEEE 802.3ae
Stacking	▸ Stacking Requires a 10 Gigabit Fiber Uplink ▸ VSTAX™ Stacking Protocol ▸ Hardware Support for Shortest Path Forwarding ▸ Fast Failover within 100ms ▸ 2x12 Gbps Uplink Bandwidth using Standard Cables ▸ Stacking of up to 16 Switches ▸ Stack-side Congestion Management

Interface	▸ RJ-45
	  ▸ 10 Base-T: Cat.5 UTP /STP
	  ▸ 100 Base-TX: Cat.5 UTP /STP
	  ▸ 1000Base-T: Cat.5, Cat.5e or Cat.6 UTP/STP
	▸ 1 and 10 Gigabit Fiber Uplinks on SFP+ ports
	▸ Ethernet Cable Recognition for Straight-through or Crossover Cables

LEDS	Front	Back
	▸ Per Unit: Power ▸ Per Port: Link/Activity ▸ Dual color, user selectable	▸ Per Port: Link/Activity ▸ 10/100/1000

Power Budget	250 Watts Maximum
Power	Internal Switched Power, AC 100-240V, 50-60Hz input
Layer 2 and Layer 3	▸ 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
Network Data Transfer Rate	▸ 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
AV Series	LEDs on the front, Ports on the back.
Oper. Temperature	32°F to 104° F (0°C to 40°C)
Operating Humidity	10% to 90% (Non-condensing)
Dimensions LxWxH in. (mm)	17.3"(439.5) x 8.25"(209.5) x 1.75"(44.5)
Certification	FCC, CE, RoHS

Warranty:
- ▸ 3 year Limited Warranty

Minimum System Requirements
- ▸ Ethernet Cable
- ▸ Computer with Windows, Mac or Linux OS

Package Contents
- ▸ One: 26-Port Gigabit Stackable PoE+ L2/L3 Managed Switch
- ▸ One: Power Cord
- ▸ One: Rack Mount Kit
- ▸ One: Quick Install Guide