



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.

- ▶ 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

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



TECHNICAL SPECIFICATIONS

Back

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	<ul style="list-style-type: none"> ▶ 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	<ul style="list-style-type: none"> ▶ RJ-45 <ul style="list-style-type: none"> ▶ 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 	
Surge Protection	The RJ45 port surge protection is tested to: EN61000-4-5 (for RJ45 Port, Surge 6KV)	
LEDS	Front	Back
	<ul style="list-style-type: none"> ▶ Per Unit: Power ▶ Per Port: Link/Activity ▶ Dual color, user selectable 	<ul style="list-style-type: none"> ▶ Per Port: Link/Activity ▶ 10/100/1000
Power Budget	250W	
Max Power Consumption	360W	
Power	Internal Switched Power, AC 100-240V, 50-60Hz input	
Layer 2 and Layer 3	<ul style="list-style-type: none"> ▶ 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	<ul style="list-style-type: none"> ▶ 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)	
Weight lbs (kg)	7.0 (3.2)	
Certification	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

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