

## AGS-1024

### WHAT THIS PRODUCT DOES:

The Luxul 24-Port Gigabit Switch (AGS-1024) features rear panel ports and front facing LEDs (user selectable blue/green colors) for clean integration with AV rack systems. It provides exceptional performance, quality and reliability and is a great choice for expanding your wired network or setting up a VoIP, multimedia or extreme gaming environment. With a 48Gbps backplane, this 24-port switch lets you network up to twenty-four Ethernet-enabled devices at full-duplex, non-blocking Gigabit speeds.

- ▶ Add 24 Gigabit Ports to Your AV Rack Solutions
- ▶ Future Proof Your Network with Gigabit Speeds (10X Performance of Fast Ethernet)
- ▶ Set-up a Dedicated Network for Improving VoIP, Video, Security, or Gaming Applications

### FEATURES:

- ▶ 24 Gigabit RJ45 Ports
- ▶ 48Gbps Switching Capacity
- ▶ Non-Blocking and Full-Duplex for Optimal Network Performance
- ▶ Auto Uplink (MDI/MDI-X)
- ▶ Plug-and-Play
- ▶ User Selectable Green or Blue Front facing LEDs
- ▶ Standard 19" Rack-Mount Enclosure
- ▶ Fanless for Silent Operation
- ▶ Three Year Limited Warranty

## 24-Port Gigabit Switch



Back

### TECHNICAL SPECIFICATIONS

#### Hardware Features

<b>Standards</b>	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab IEEE 802.3x	
<b>Features</b>	<ul style="list-style-type: none"> <li>▶ Switch Fabric: 48Gbps</li> <li>▶ Transmission Method: Store-and-Forward</li> <li>▶ Auto Uplink (MDI/MDI-X) Detection and Configuration</li> <li>▶ MAC Address Learning/Auto-Learning, Auto-Aging</li> <li>▶ MAC Address Table: 8K</li> </ul>	
<b>Interface</b>	<ul style="list-style-type: none"> <li>▶ RJ-45                             <ul style="list-style-type: none"> <li>▶ 10 Base-T: Cat.5 UTP /STP</li> <li>▶ 100 Base-TX: Cat.5 UTP /STP</li> <li>▶ 1000Base-T: Cat.5, Cat.5e or Cat.6 UTP/STP</li> </ul> </li> <li>▶ Cable Recognition for Straight-through or Crossover Cables</li> </ul>	
<b>LEDS</b>	<b>Front</b> <ul style="list-style-type: none"> <li>▶ Per Unit: Power</li> <li>▶ Per Port: Link/Activity</li> <li>▶ Dual color, user selectable</li> </ul>	<b>Back</b> <ul style="list-style-type: none"> <li>▶ Per Port: Link Activity</li> <li>▶ 10/100/1000</li> </ul>
<b>Power Supply</b>	Internal Switched Power, AC 100-240V, 50-60Hz input	
<b>Max Power Consumption</b>	13.0W	
<b>Packet Filtering/ Forwarding Rate</b>	<ul style="list-style-type: none"> <li>▶ 14880pps (10Mbps) per Port</li> <li>▶ 148800pps (100Mbps) per Port</li> <li>▶ 1488000pps (1000Mbps) per Port</li> </ul>	
<b>Network Data Transfer Rate</b>	<ul style="list-style-type: none"> <li>▶ Ethernet: 10Mbps (Half-duplex)</li> <li>▶ Ethernet: 20Mbps (Full-duplex)</li> <li>▶ Fast Ethernet: 100Mbps (Half-duplex)</li> <li>▶ Fast Ethernet: 200Mbps (Full-duplex)</li> <li>▶ Gigabit Ethernet: 2000Mbps (Full-duplex)</li> </ul>	
<b>AV Series</b>	LEDs on the front, Ports on the back.	
<b>Dimensions L xWxH in. (mm)</b>	17.3" (439.5) x 8.25" (209.5) x 1.75" (44.5)	
<b>Weight lbs (kg)</b>	4.25 (1.94)	
<b>Operating Temperature</b>	32°F to 104°F (0°C to 40°C)	
<b>Operating Humidity</b>	10% to 90% (Non-condensing)	
<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

- ▶ RJ45 Ethernet Cable
- ▶ Device with a Network Adapter
- ▶ Internet Connection

#### Package Contents

- ▶ 24-port Gigabit Switch
- ▶ Rack Mount Kit
- ▶ Rubber Feet
- ▶ Power Cord
- ▶ Quick Install Guide