

### AGS-1016

#### WHAT THIS PRODUCT DOES:

The Luxul AV-Series 16-Port Gigabit Switch (AGS-1016) 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 32Gbps backplane, this 16-port switch lets you network up to sixteen Ethernet enabled devices at full-duplex, non-blocking Gigabit speeds.

#### USE THE AGS-1016 TO:

- ▶ Add 16 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 Optimizing VoIP, Video, Security, or Gaming Applications

#### FEATURES:

- ▶ 16 Gigabit RJ45 Ports
- ▶ 32Gbps 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 Operations
- ▶ Three Year Limited Warranty

### AV Series 16-Port Gigabit Switch



AGS-1016 Front

AGS-1016 Back



#### AGS-1016 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: 32Gbps</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>	Front	Back
	<ul style="list-style-type: none"> <li>▶ Per Unit: Power</li> <li>▶ Per Port: Link/Activity</li> <li>▶ Dual color, user selectable</li> </ul>	<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>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: 20Mbps (Full-duplex)</li> <li>▶ Ethernet: 10Mbps (Half-duplex)</li> <li>▶ Fast Ethernet: 200Mbps (Full-duplex)</li> <li>▶ Fast Ethernet: 100Mbps (Half-duplex)</li> <li>▶ Gigabit Ethernet: 2000Mbps (Full-duplex)</li> <li>▶ Gigabit Ethernet: 1000Mbps (Half-duplex)</li> </ul>	
<b>Dimensions L xWxH in. (mm)</b>	17.3" (439.5) x8.25" (209.5) x1.75" (44.5)	
<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	

#### Warranty:

- ▶ 3 year Limited Warranty

#### Minimum System Requirements

- ▶ RJ45 Ethernet Cable
- ▶ Device with a Network Adapter
- ▶ Internet Connection to View Documentation Online

#### Package Contents

- ▶ One: 16-port Gigabit Switch
- ▶ One: Power Cord
- ▶ One: Rack Mount Kit
- ▶ One: Quick Install Guide

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.