

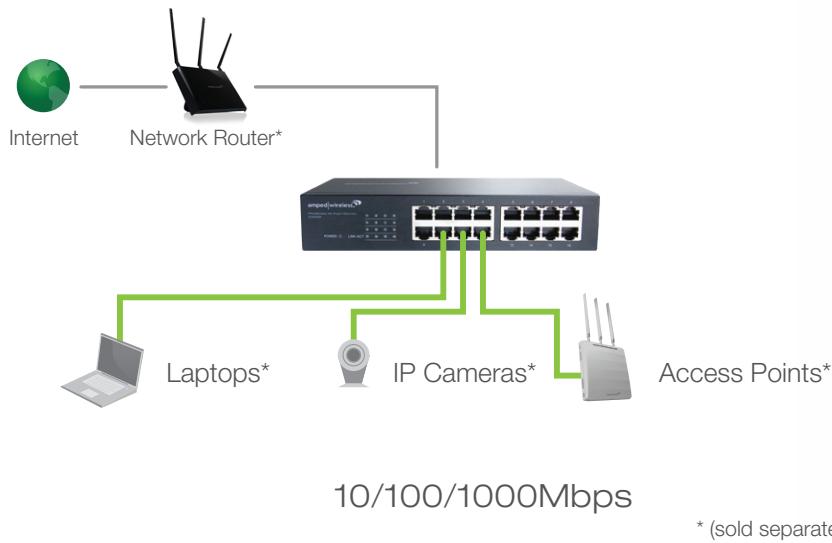
## ▶ PROSERIES 16-PORT GIGABIT SWITCH

1000Mbps | DESKTOP | RACKMOUNT

The Amped Wireless Pro Series 16-Port Gigabit Switch adds an additional sixteen wired devices to any network and at gigabit speeds. The G16SW is built to be an efficient work horse for any network. With the rugged metal enclosure, it can perform flawlessly in extreme conditions and is also built with Amped Green, an advanced power saving feature for energy efficiency. This Switch comes with a rackmount kit for secure installation into any standard 19" switch rack, but is also compact for discreet desktop installation as well.



### HOW IT WORKS



### PORTS & INDICATORS



Weight: 2 lbs

### KEY FEATURES

#### Ultra-Fast Gigabit Connections

Connect up to 16 devices at gigabit wired speeds for maximum performance and reliability. Features full and half duplex and auto MDI/MDI-X crossover detection / correction.

#### Rugged & Reliable Design

Experience high performance in extreme conditions with this professional quality gigabit switch. Draped in a rugged metal enclosure, the G16SW can withstand the toughest conditions.

#### Amped Green: Energy Efficient Design

Use less energy with Amped Green, an advanced power saving feature that allows for less power consumption during periods of low activity.

#### Real Time LED Indicators

Stay immediately informed with LED indicators on the front of the display panel, providing real time data on all connections, activity, and power.

#### Desktop or Rackmount

Place it where you need it. The G16SW includes a rackmount kit to fasten to any network rack or simply place it on a desk for easy access.

#### Rapid Data Transmissions

Store-and-forward switching rapidly checks all data packets for errors before transmitting to ensure reliable data transfers at ultra-fast wired speeds.



## PRODUCT COMPARISON

	8-Port Gigabit Switch <b>G8SW</b>	16-Port Gigabit Switch <b>G16SW</b>	8-Port Gigabit Switch with 4-Port PoE <b>GP48SW</b>
<b>CONNECTIONS</b>			
Gigabit Ports	●	●	●
Number of Ports	8	16	8
Number of PoE Ports			4
<b>PERFORMANCE FEATURES</b>			
Energy Efficient	●	●	●
Auto-Negotiation	●	●	●
Auto MDI/MDIX	●	●	●
Half/Full Duplex	●	●	●
Flow Control 802.3x	●	●	●
<b>OTHER FEATURES</b>			
Plug & Play	●	●	●
Desktop Placement	●	●	●
Rackmount Kit Included		●	●
Metal Enclosure	●	●	●
LED Indicators	●	●	●
Internal Power Supply		●	●

## TECHNICAL SPECIFICATIONS

## Standards

IEEE 802.3 10BASE-T  
IEEE 802.3u 100BASE-TX  
IEEE 802.3ab 100BASE-T  
IEEE 802.3x  
IEEE 802.3az

## Interface

16 x 10/100/1000Mbps RJ-45 Ports

## Supported MAC Addresses

8K

## Buffer Memory

256KB

## Jumbo Frames

9KB

## Filtering / Forwarding Rates

1000Mbps port - 1,488,000pps  
100Mbps port - 148,800pps  
10Mbps port - 14,880pps

## Transmission Media

10BASE-T Cat. 3, 4, 5 UTP/STP  
100BASE-TX Cat. 5 UTP/STP  
1000BASE-T Cat. 5E UTP/STP

## LEDs

Power: Green LED  
LNK/ACT: Green LED  
1000M: Green LED

## Power Supply

Internal power supply  
Input: 100-240VAC, 50-60Hz

## Operating Temperature

32° to 104° F (0° to 40° C)

## Storage Temperature

-40° to 158° F (-40° to 70° C)

## Humidity

Operating: 10 to 90% RH (non-condensing)

## Enclosure

Metal

## SETUP REQUIREMENTS

- Network Device with RJ-45 Connection
- RJ-45 Ethernet Cable

## PACKAGE CONTENTS

- 16-Port Gigabit Switch
- 4 x Rubber Feet
- 1 x User's Guide
- 1 x Power Cord
- 2 x Rackmount Brackets and Screws for 19" Rack

Designed by Amped Wireless in the USA

Amped Wireless  
13089 Peyton Dr. #C307  
Chino Hills, CA 91709

[www.ampedwireless.com](http://www.ampedwireless.com)  
1 (888) 573-8830