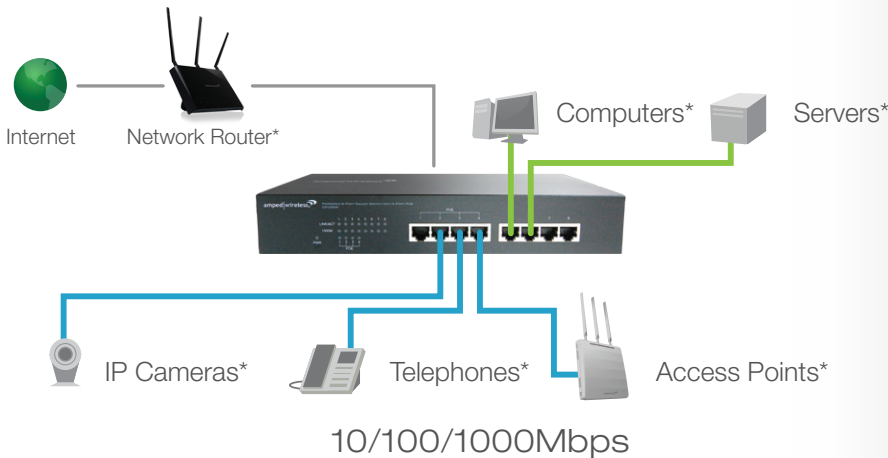# amped | wireless

PROSERIES
8-PORT GIGABIT SWITCH
WITH 4-PORT POE

1000Mbps | DESKTOP | RACKMOUNT

The Amped Wireless Pro Series 8-Port Gigabit Switch with 4-Port PoE adds an additional eight wired devices to any network at gigabit speeds and with four of those ports functioning as Power over Ethernet. With PoE you can transfer power and data at gigabit speeds, with a single cable. Making this the perfect Switch for your IP cameras, telephones, access points and other PoE capable devices. All of this ultra-fast and reliable data transmitting is packed into the GP48SW's rugged metal enclosure and is even built with Amped Green, an advanced power saving feature for energy efficiency. Add this work horse to any network and experience the most reliable, gigabit speeds on the market.

WIRED

KEY FEATURES

Ultra-Fast Gigabit Connections
Connect up to eight devices at gigabit wired speeds for maximum performance and reliability. Supports full and half duplex, and MDI/MDI-X auto crossover.

Power over Ethernet Ports
Transfer power **and** data at gigabit speeds over a single cable. With a total power budget of 80W (25W max per port) it can simultaneously power up to four 802.3af/at devices such as IP cameras, telephones, and access points.

Rugged & Reliable Design
Experience high performance in extreme conditions with this professional quality gigabit switch. Draped in a rugged metal enclosure, the GP48SW 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.

Plug & Play Installation
Get up and running in seconds with no required configuration. Simply plug in your cables and attach them to your devices. That's it!

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.
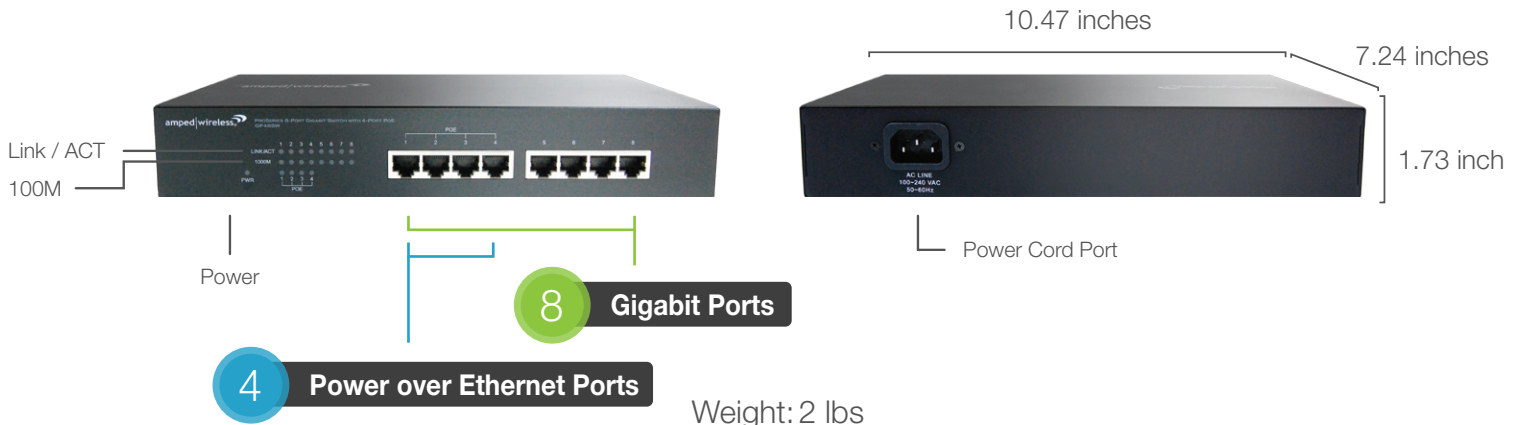
Desktop or Rackmount
Place it where you need it. The GP48SW includes a rackmount kit to fasten to any network rack or simply place it on a desk for easy access.

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.

HOW IT WORKS

Internet | Network Router*

Computers* | Servers*

IP Cameras* | Telephones* | Access Points*

10/100/1000Mbps

- Green: Gigabit Connections
- Blue: Gigabit + PoE Connections

* (sold separately)

PORTS & INDICATORS

10.47 inches

7.24 inches

1.73 inch

Link / ACT

100M

Power Cord Port

Power

8 Gigabit Ports

4 Power over Ethernet Ports

Weight: 2 lbs

PRODUCT COMPARISON

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

TECHNICAL SPECIFICATIONS

Standards
IEEE 802.3 10BASE-T   IEEE 802.3af/802.3at PoE
IEEE 802.3u 100BASE-TX   IEEE 802.3x Flow Control
IEEE 802.3ab 1000BASE-T   IEEE 802.3az Energy Efficient Ethernet

Interface
8 x 10/100/1000Mbps RJ-45 Ports
4 x PoE Ports

Supported MAC Addresses
8K

Buffer Memory
128KB

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

Internal Switching Power Supply
Input: 100-240VAC, 50-60Hz
Output: 53V, 1.3A

PoE Power Ratings
80W Total
30W x 2P = 60W
15.4 x 4P = 61.6W

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

Designed by Amped Wireless in the USA

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Chino Hills, CA 91709

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1(888) 573-8830

PROSERIES
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WITH 4-PORT POE

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