

## Easily network your home using existing electrical outlets

The Powerline AV 4-port Network Adapter lets you easily create a network using the existing electrical outlets in your home. Now you don't have to drill holes in walls and climb through the attic or cellar to install network cables -- just use the wires that already run through the building.

The Powerline AV 4-port Network Adapter connects computers, or any other wired Ethernet device, using the HomePlug<sup>®</sup> AV network standard. Adding devices to the network is as simple as plugging the Powerline AV 4-port Adapter into an electrical outlet, and connecting up to four Ethernet-equipped devices to the built-in Ethernet ports. Additional devices can be connected to the same network using additional Powerline AV Adapters plugged into an electrical outlet anywhere in the house.

Once your computers are connected to the network, they can share resources like printers and storage space, and all kinds of files -- video, music, digital pictures, and documents. With up to 200Mbps data rates\*, you can play virtually lag-free head-to-head network computer games, and run applications like streaming standard or HD video, and Voice over IP telephony. Plug your Internet connected router into a Powerline AV 4-port Network Adapter and you'll be able to get to the Internet from any Powerline AV attached computer in the house.

The Linksys Powerline AV 4-port Network Adapter is the perfect solution for easy, "no new wires", home or office networking.

## DATASHEET

Use your existing powerlines to network your computers and other devices

---

Share files, printers, storage, and networked games throughout your home — connect it to a router to share your Cable or DSL Internet connection

---

Built-in 4-port Ethernet switch

---

HomePlug<sup>®</sup> AV technology for data rates up to 200Mbps\*

---

128-bit encryption helps keep your data secure

---



## Powerline AV 4-Port Network Adapter

Model: PLS300

## Features

- Works with HomePlug AV enabled devices
- Enables data transfer through existing power lines
- Up to 200Mbps transfer rate at physical layer
- 128-bit AES Encryption with Key Management
- Supports 1024/256/64/16/8-QAM, QPSK, BPSK and ROBO Modulation Schemes
- Supports TCP/IP, compatible with standard routers and networked devices.
- Integrated Quality of Service (QoS) Enhancements: contention-free access, four-level priority based contention access, and multi segment bursting
- TDMA and priority based CSMA/CA channel access schemes maximize efficiency and throughput
- Built-in 4 Ethernet ports provide connection to up to 4 devices



**Linksys**  
A Division of Cisco Systems, Inc.  
121 Theory  
Irvine, CA 92617 USA

E-mail: [sales@linksys.com](mailto:sales@linksys.com)

Web: [www.linksys.com](http://www.linksys.com)

Linksys products are available in more than 50 countries, supported by 12 Linksys Regional Offices throughout the world. For a complete list of local Linksys Sales and Technical Support contacts, visit our worldwide website at

[www.linksys.com](http://www.linksys.com)

## Specifications

Model	PLS300
Standards	HomePlug AV, IEEE 802.3, IEEE 802.3u
Ports	Power, Ethernet 1-4
Buttons	Reset, HomePlug Simple Connect Button
LEDs	Power, Powerline, Ethernet 1-4
Cabling Type	RJ-45, Power
Security features	128-bit AES Link Encryption
Security key bits	128

## Environmental

Dimensions	5.83" x 1.38" x 4.06"
Weight	6.70 oz
Power	100-240V AC, 50-60Hz
Certification	FCC, CE
Operating Temp.	32 to 104°F
Storage Temp.	-4 to 140°F
Operating Humidity	10 to 80% Noncondensing
Storage Humidity	5 to 90% Noncondensing

## Package Contents

- Powerline AV 4-Port Network Adapter
- User Guide on CD-ROM
- Ethernet network cable
- Power cord
- Stand
- Quick Installation Guide

## Minimum Requirements

- PC or other device with Ethernet network adapter
- AC power outlet
- Another HomePlug® AV enabled device

\*The HomePlug AV network data rate is up to 200Mbps. Actual throughput of the PLS300 is limited to 100Mbps by the Ethernet 10/100 specification, and will vary depending on network traffic and environmental conditions such as building wiring type and routing.

Maximum performance for the Powerline AV Network Adapter is derived from the HomePlug Powerline Alliance HomePlug AV specification. Actual performance can vary, including lower powerline network capacity and data throughput rate. Performance depends on many factors, conditions and variables, including volume of network traffic, home wiring construction, operating system used, mix of networking products used, interference from other electrical devices, age of home wiring, wireline range and coverage as determined by wiring route or path between devices and other adverse conditions.

Check the product package and contents for specific features supported. Specifications are subject to change without notice.



Linksys, Cisco and the Cisco Logo are registered trademarks or trademarks of Cisco Systems, Inc. and/or its affiliates in the U.S. and certain other countries. Copyright © 2008 Cisco Systems, Inc. All rights reserved. Other brands and product names are trademarks or registered trademarks of their respective holders.

8091510NC-ST

Model: **PLS300**