

## PowerLine AV 4-Port Switch

Ready to use - simply plug into existing outlets<sup>2</sup>

Easily connect and secure your network with push button security

Up to 200Mbps<sup>1</sup> - stream HD video and enjoy lag-free gaming

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### Instant Home Networking

The D-Link DHP-346AV PowerLine AV 4-Port Switch, compliant with the HomePlug AV standard, uses your home's existing electrical wiring to create a network or extend your existing network<sup>1</sup>. It turns every power outlet into a possible network connection to access digital media devices, game consoles, print servers, computers, and network storage devices throughout your home. Additionally, the 4-Port switch allows for multiple devices to be connected to the network.

### Ideal for Bandwidth-Intensive Applications

The DHP-346AV is capable of delivering data transfer rates of up to 200 Mbps<sup>2</sup>. This rapid transmission speed makes it ideal for bandwidth-intensive applications, guaranteeing smooth HD video streaming, VoIP calls, and lag-free online gaming experiences. In addition, it prioritizes Internet traffic based on the port the device is connected to, ensuring that multimedia applications do not experience glitches while web surfing and downloads are in progress. The ports are labelled and colour-coded based on their priority to simplify the initial connection. This device provides ample network bandwidth, enabling you to tap into existing electrical wiring for high-quality multimedia streaming.

### Online Gaming

The D-Link DHP-346AV enables you to connect gaming consoles like the Xbox 360®, Playstation® 3, or Nintendo Wii® to the Internet. The built-in Quality of Service (QoS) feature enables lag-free gaming.

### Convenient Setup and Secure Operation

The DHP-346AV plugs directly into a power outlet, and does not require any additional cables. Extend your home network by connecting multiple devices in the farthest corners of your home via Ethernet cable. For convenient setup, wired encryption keys can be quickly configured with the push of a button on the rear of the device. The adapter implements 128-bit AES data encryption to protect the network from unauthorized wire tapping. With hassle-free plug and play installation, the DHP-346AV is an ideal solution to create a wall-to-wall home network.

### Fast Transmission Using Your Home's Existing Wiring

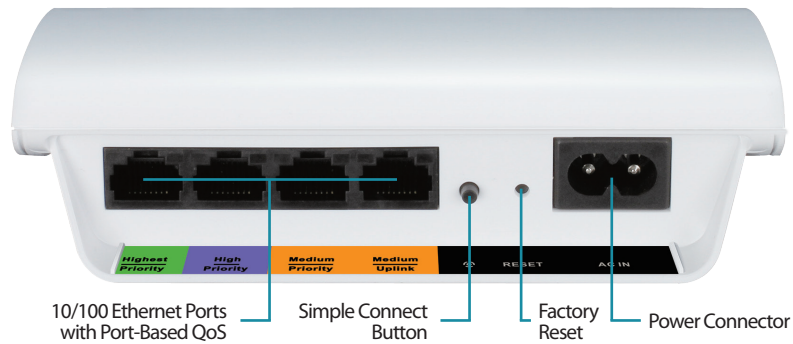
The PowerLine AV 4-Port Switch incorporates the latest technology to deliver up to 200 Mbps<sup>1</sup> over a home's existing electrical wiring. This fast transmission speed provides ample bandwidth suitable for streaming high-quality video HDTV signals while simultaneously providing highspeed Internet access throughout the home. With Port-Based Quality of Service (QoS) support, the performance of applications which require real-time communication, such as VoIP phone calls and multiplayer online games, will not be compromised even while downloading Internet TV and music.

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## What This Product Does

With network data transfer rates of up to 200 Mbps<sup>1</sup>, the DHP-346AV allows you to connect computers, High-Definition TVs, networking devices, and gaming consoles using the most pervasive medium in your house - the electrical wiring. Share Internet connections and experience smooth file transfers, streaming multimedia, online gaming and more. The PowerLine AV 4-Port Switch features easy plug-and-play installation and can be connected to any Ethernet or wireless enabled device.

## Rear Product Features & Connection Diagram



## Technical Specifications

### Standards

- IEEE 802.3
- IEEE 802.3u
- HomePlug AV

### PowerLine Interface

- Australian power plug

### Ethernet Interface

- 10/100BASE-TX Ethernet Port with auto MDI/ MDIX
- 4 RJ-45 Connectors

### PowerLine Modulation Scheme

- OFDM Symbol Modulation

### PowerLine Frequency Band

- 2MHz to 30MHz

### Data Rate

- PowerLine: 200Mbps (PHY rate)
- Ethernet: 10/100Mbps (auto-negotiation)

### QoS

- Integrated Port-Based QoS prioritizes media and data

### Security

- 128-bit AES Data Encryption

### Minimum System Requirements

- (For PC Utility Software)
- PC with 200 MHz processor
  - 64MB memory
  - Windows 7, Vista, XP SP2 or 2000 SP4
  - Ethernet interface (100Mbps)

### LEDs

- Power
- PowerLine
- Ethernet

### Power Input

- 100 to 240 VAC, 50/60Hz

### Power Saving

- Power saving mode supported
- Compliant with European Energy Using Product Directive

### Dimensions

- 137 x 110 x 32 mm

### Weight

- 200 g

### Operating Temperature

- 0° to 40° C

### Operating Humidity

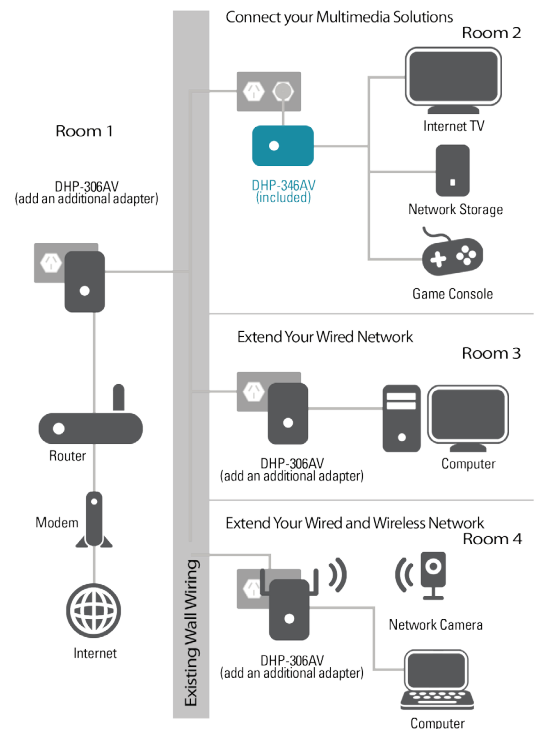
- 10% to 95% non-condensing

### EMC Certification

- UL
- CE LVD

### Safety Certification

- UL
- CE LVD



## Additional PowerLine AV Products:

DHP-306AV	Network Adapter
DHP-307AV	Network Starter Kit
DHP-W306AV	Wireless N Extender
DHP-1320	Wireless N Router
DHP-1321	Wireless N Router Starter Kit

<http://powerline.dlink.com.au>

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<sup>1</sup>Power outlets and electrical wiring must all be part of the same electrical system. Certain electrical conditions in your home, such as wiring conditions and configuration may affect the performance of this product. A minimum of two D-Link Powerline AV Network Adapters are required to create a network. Connecting this product to a power strip with a surge protector may adversely affect the performance of this product. For best results, plug adapter directly into a power outlet. <sup>2</sup>Maximum throughput based on theoretical transmission PHY rate. Actual data throughput will vary. Network conditions and environmental factors, including volume of traffic and network overhead, may lower actual data throughput rate. Interference from devices that emit electrical noise, such as vacuum cleaners and hair dryers, may adversely affect the performance of this product. This product may interfere with devices such as lighting systems that have a dimmer switch, short wave radios, or other powerline devices that do not follow the HomePlug Powerline Alliance standard. <sup>3</sup>Computer must adhere to Microsoft's recommended system requirements. <sup>4</sup>Software included is not Mac-compatible. <sup>5</sup>24/7 Technical Support available only in Australia and New Zealand. <sup>6</sup>1-Year Limited Warranty available only in Australia and New Zealand.

All references to speed are for comparison purposes only. Product specification, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted on the package. See inside package for warranty details. D-Link PowerLine AV Network Adapters (DHP-306AV, DHP-W306AV, DHP-307AV) may coexist within but are not compatible or interoperable with D-Link PowerLine HD Ethernet Adapters (DHP-302, DHP-303). This product is designed for use in Australia and New Zealand. Use of this product in other countries might violate local laws. Latest documentation is available at <http://support.dlink.com.au>.

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DHP-346AV

**D-Link**