D-Link®

PowerLine AV 4-Port Switch

Ready to use - simply plug into existing outlets[2] | **Easily connect and secure your network with push button security** | **Up to 200Mbps[1] - 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[1]. 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[2]. 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.
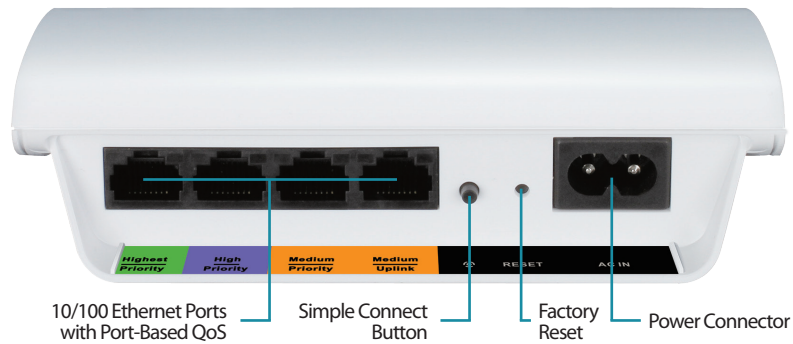
Fast Transmission Using Your Home's Existing Wiring

The PowerLine AV 4-Port Switch incorporates the latest technology to deliver up to 200 Mbps[1] 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[1], 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

10/100 Ethernet Ports with Port-Based QoS | Simple Connect Button | Factory Reset | Power Connector

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

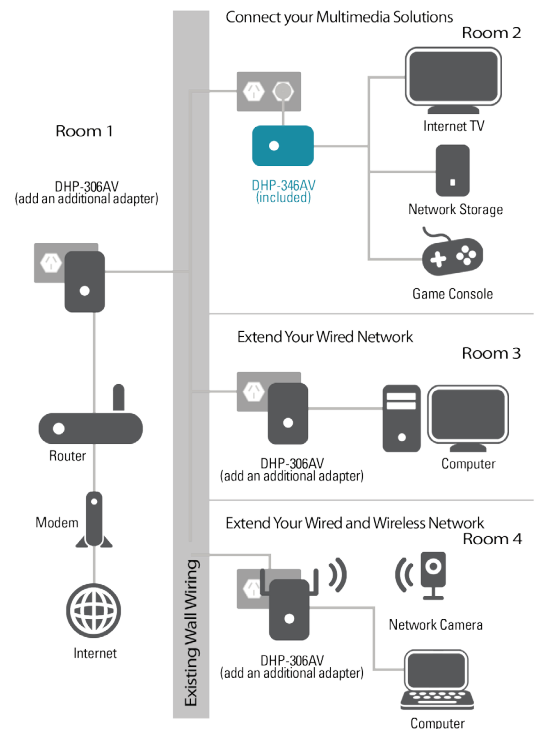**Operating Temperature**
• 0º to 40º C

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

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Connect your Multimedia Solutions — Room 2 — Internet TV — Network Storage — Game Console

Room 1 — DHP-306AV (add an additional adapter) — DHP-346AV (included)

Extend Your Wired Network — Room 3 — DHP-306AV (add an additional adapter) — Computer

Router — Modem — Internet

Extend Your Wired and Wireless Network — Room 4 — DHP-306AV (add an additional adapter) — Network Camera — Computer

Existing Wall Wiring

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24/7 SUPPORT [5]