POWERLINE HOMEPLUG AV PASSTHROUGH ADAPTER
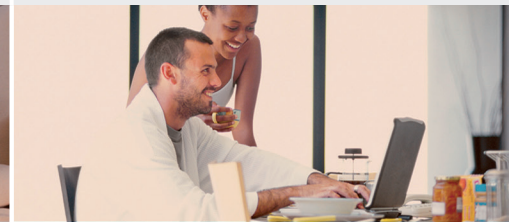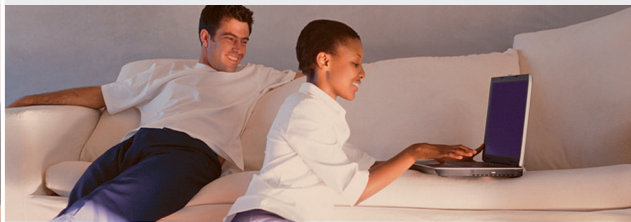
SIMPLE SETUP
Simply plug directly into a free power outlet; no extra cables are needed

RAPID SPEEDS OVER ELECTRICAL WIRING
Speeds of up to 200 Mbps over home electrical wiring, suitable for high bandwidth Internet applications

SECURITY MADE EASY
Data encryption is quickly configured with the push of a button to keep intruders out

DATA TRANSMISSION OVER ELECTRICAL WIRING

The D-Link DHP-P306AV Powerline HomePlug AV Passthrough Adapter uses your home's existing electrical wiring to create a Powerline network or extend your existing network.[1] Compliant with the HomePlug AV standard, it turns every power outlet into a potential network connection to access digital media devices, game consoles, print servers, computers, and network storage devices throughout your home. Additionally, the DHP-P306AV provides an extra passthrough power socket to ensure that your electrical outlet remains available. The DHP-P306AV also has the ability to filter signal noise from devices like hairdryers and electric chargers, ensuring a smooth Powerline data transmission even when these devices are plugged in.

IDEAL FOR BANDWIDTH-INTENSIVE APPLICATIONS

The DHP-P306AV 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, clear VoIP calls, and lag-free online gaming experiences. This device provides ample network bandwidth, enabling digital home consumers to tap into existing electrical wiring for high-quality multimedia streaming.

CONVENIENT SETUP AND SECURE OPERATION

The DHP-P306AV 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, or attach a switch or wireless access point to the adapter for additional connectivity. The adapter uses 128-bit AES data encryption to protect the network from unauthorized wire tapping. For convenient setup, encryption can be quickly configured with the push of a button. With hassle-free plug and play installation, the DHP-P306AV is an ideal solution for creating a wall-to-wall home network.
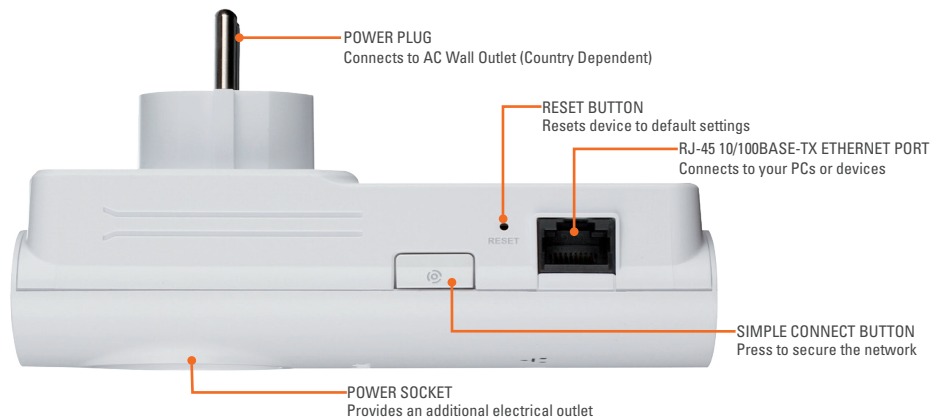
POWER SAVING FEATURE

The DHP-P306AV incorporates a power saving mode that automatically places the adapter in sleep mode if no data transmission or reception occurs over a certain period of time, reducing power usage by more than 70%. This allows you to save energy automatically, without sacrificing performance.

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WHAT THIS PRODUCT DOES

With network data transfer rates of up to 200 Mbps, the DHP-P306AV Powerline HomePlug AV Passthrough Adapter 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 HomePlug AV Passthrough Adapter features easy plug-and-play installation and can be connected to any Ethernet-enabled device. The DHP-P306AV can be used with any HomePlug AV device.

PRODUCT FEATURES

- Power-saving mode
- Easy encryption by pushing a button
- Passthrough power socket

POWER PLUG
Connects to AC Wall Outlet (Country Dependent)

RESET BUTTON
Resets device to default settings

RJ-45 10/100BASE-TX ETHERNET PORT
Connects to your PCs or devices

RESET

SIMPLE CONNECT BUTTON
Press to secure the network

POWER SOCKET
Provides an additional electrical outlet

TECHNICAL SPECIFICATIONS

STANDARDS
- IEEE 802.3
- IEEE 802.3u
- HomePlug AV

POWERLINE INTERFACE
- Power plug (country-dependent)

ETHERNET INTERFACE
- 10/100 BASE-TX Ethernet Port with Auto MDI/MDIX
- RJ-45 Connector

POWER SOCKET INTERFACE
- Type F Electrical Outlet, 250 V/16 A Maximum

POWERLINE FREQUENCY BAND
- 2 to 30 MHz

DATA RATE
- Powerline: 200 Mbps (PHY rate)
- Ethernet: 10/100 Mbps (autonegotiation)

SECURITY
- 128-bit AES data encryption

MINIMUM SYSTEM REQUIREMENTS (FOR PC UTILITY SOFTWARE)
- PC with 233 MHz processor
- 64 MB memory
- Windows 7, Vista, XP SP2, or 2000 SP4; MAC OS 10.6, 10.5
- Ethernet interface

LEDS
- Power
- Powerline
- Ethernet

POWER INPUT
- 100 to 240 V AC, 50/60 Hz

DIMENSIONS (L x W x H)
- 142 x 69 x 42 mm (5.60 x 2.71 x 1.65 inches)

WEIGHT
- 206.4 g (0.46 lbs)

OPERATING TEMPERATURE
- 0 to 40 °C (30 to 104 °F)

OPERATING HUMIDITY
- 10% to 95% non-condensing

CERTIFICATIONS
- CE EMC Class B
- CE LVD

[1] Power outlets and electrical wiring must all be part of the same electrical system. Certain electrical conditions in your home, such as wiring condition and configuration, may affect the performance of this product. Additional D-Link Powerline HomePlug AV Passthrough Adapters are required to add new devices to the network. A minimum of two D-Link Powerline HomePlug AV Passthrough 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 the adapter directly into a wall outlet.
[2] 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 or a touch-sensitive on/off feature, short wave radios, or other Powerline devices that do not follow the HomePlug AV standard.

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