

Product Highlights

Simple Design

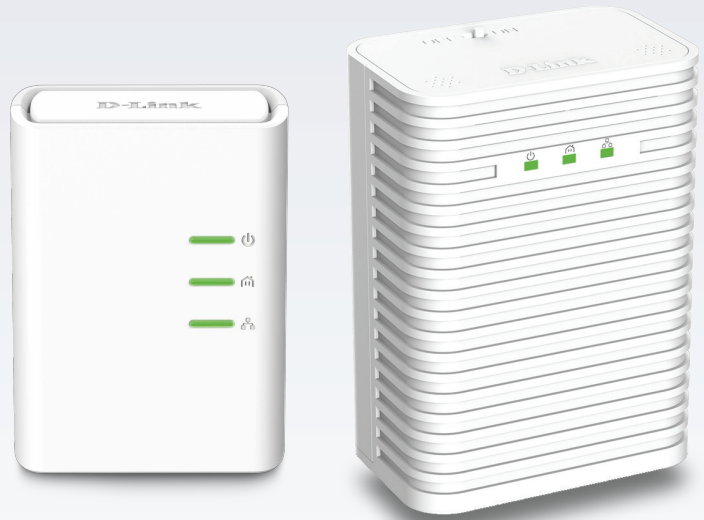
Simply plug the Powerline Adapters directly into a free power outlet and they are ready to be used; no extra cables needed

Rapid Speeds Over Electrical Wiring

500Mbps Powerline speeds and 802.11ac Concurrent Dual Band Wi-Fi technology allow for higher speeds over home electrical wiring; suitable for high bandwidth Internet

Complete Powerline Solution

Setup and start using your Powerline network right away with the included DHP-308AV and DHP-W312AV.



DHP-W313AV PowerLine AV500 Wireless AC600 Starter Kit

Features

Connectivity

- Powerline networking at speeds of up to 500Mbps
- 10/100 Mbps Fast Ethernet LAN port to connect a wired device
- 802.11ac Wi-Fi providing speeds of up to 600Mbps for connecting multiple Wi-Fi devices
- Supports IEEE 802.3x Flow Control

Security Features

- WPA/WPA2 encryption
- Simple Connect Button to activate WPS (Wi-Fi Protected Setup) and Powerline encryption
- 128-bit AES Data Encryption with key management for secure Powerline communications

Versatile Support

- Supports IEEE 1905.1 networking with Clone-My-WiFi feature⁴
- IPv6 Support
- Web browser setup and configuration

The DHP-W313AV Powerline AV500 Wireless AC600 Starter Kit allows you to connect wired and wireless computers, high-definition TVs, networking devices, and gaming consoles all to your network by using your home's existing electrical wiring¹. By simply plugging the Powerline Adapters directly into power outlets, you can extend your online network throughout your home and enjoy wired data speeds of up to 500 Mbps². This makes the DHP-W313AV perfect for bandwidth intensive applications, guaranteeing smooth HD video streaming, VoIP calls, and lag-free online gaming experiences.

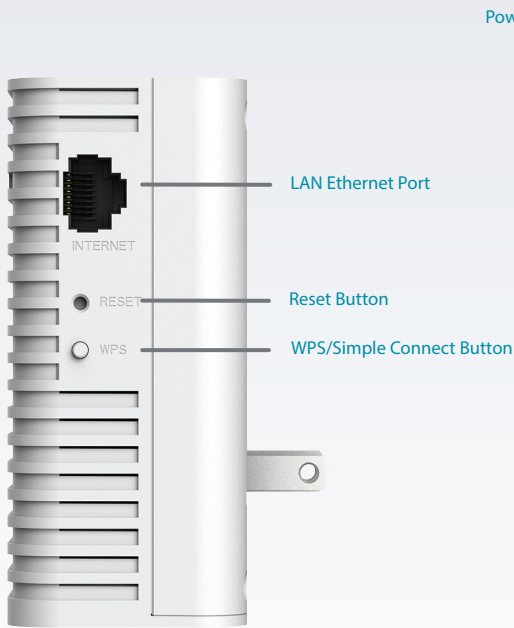
Enhanced Performance

The DHP-W313AV Powerline AV500 Wireless AC600 Starter Kit features high speed 802.11ac technology and is backwards compatible with 802.11n, 802.11b, 802.11g networks making it capable of speeds of up to 600 Mbps³. This, coupled with concurrent dual band wireless transmission, eases data congestion created by data intensive applications, enabling you and your family to stream movies, download large files, and enjoy a fast Internet connection for Web surfing.

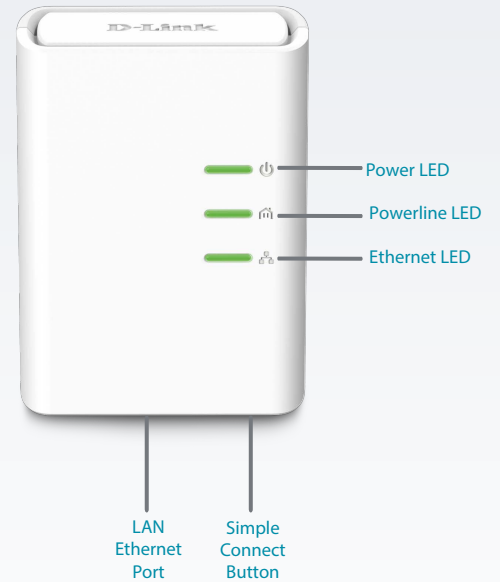
Secure Connections and Ease of Use

The DHP-W313AV is easy and straightforward to setup. The two Adapters simply plug directly into a power outlet and only one Adapter requires an Ethernet connection to a modem/router to distribute your online signal. By using the Simple Connect button, you can easily set up a wireless connection through WPS (Wi-Fi Protected Setup) or create a secure Powerline connection, extending your network in no time at all. The DHP-W313AV also features WPA/WPA2 and WEP wireless encryption to ensure a secure wireless network connection, so you can rest assured your information is safe from unwanted users.

DHP-W312AV



DHP-308AV



Technical Specifications

General

Device Interfaces	<ul style="list-style-type: none"> • 10/100 Fast Ethernet LAN port • Power plug for Powerline • Simple Connect button 	<ul style="list-style-type: none"> • Power On/Off switch • Reset button
Wireless LAN	<ul style="list-style-type: none"> • 802.11ac/n/g/b • 64/128-bit WEP data encryption 	<ul style="list-style-type: none"> • WPA/WPA2 (Wi-Fi Protected Access)
Powerline	<ul style="list-style-type: none"> • HomePlug AV • IEEE1901 	<ul style="list-style-type: none"> • IEEE1905.1
Advanced Features	<ul style="list-style-type: none"> • IPv6 support • Power-saving • UPnP support 	<ul style="list-style-type: none"> • Wi-Fi WMM Quality of Service • Powerline QoS • Web-based configuration

Physical

Dimensions	<ul style="list-style-type: none"> • 101 x 70 x 45 mm (DHP-W312AV) 	<ul style="list-style-type: none"> • 70 x 52 x 26 mm (DHP-308AV)
Power Input	<ul style="list-style-type: none"> • 100 V to 240 V AC, 50/60 Hz 	
Power Consumption	<ul style="list-style-type: none"> • 6.1 watts 	
Temperature	<ul style="list-style-type: none"> • Operating: 0 to 40 °C (32 to 104 °F) 	
Humidity	<ul style="list-style-type: none"> • Operating: 10% to 90% non-condensing 	
Certifications	<ul style="list-style-type: none"> • CE/LVD • RCM • UL • WEEE 	<ul style="list-style-type: none"> • FCC • RoHS • Homeplug AV • IPv6

DHP-W313AV Powerline AV500 Wireless AC600 Starter Kit

Order Information	
Part Number	Description
DHP-W313AV	Powerline AV500 Wireless AC600 Starter Kit

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 AV series products are required to add new devices to the network. A minimum of two D-Link Powerline AV series products 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 is 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.

³ Maximum wireless signal rate derived from IEEE Standard 802.11 specifications when used with related Wireless AC devices. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range. Wireless range and speed rates are D-Link relative performance measurements based on the wireless range and speed rates of a standard Wireless G product from D-Link.

⁴ Requires use with a router that supports IEEE 1905.1

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