



AV2 1000
Speeds



High-Speed
Gigabit Port



Easy Setup



DHP-601AV POWERLINE AV2 1000 GIGABIT STARTER KIT

Features

Performance

- Powerline AV2 Technology - Speeds of up to 1000Mbps¹
- Neighbor Network Isolation (NNI) - better interference resistance and multi-node performance enhancement
- High-Speed Gigabit Port

Application

- Sustain the high speed wired connection for 4K TV, game consoles, Roku, NAS, on demand movie streaming.

Ease of Use

- Plug-n-Play installation
- Secure connection with the push of a button

Energy Saving

- Power saving mode reduces power consumption up to 85%³

Overview

Create a high-speed Home network² at speeds of up to 1000Mbps. The kit includes two DHP-600AV Powerline AV2 1000 Gigabit Adapters. You can hard wired connect gaming consoles, Smart TV's, Roku, NAS, and etc. to hard-to-reach areas in your home and enjoy the reliable high speed network connectivity. Each adapter comes with the latest in AV2 technology and Gigabit connectivity so that you can stream more HD media, play online gaming, and transfer large files. With neighbor Network Isolation (NNI) technology support, DHP-601AV enables better interference resistance and enhances the multi-node performance.

Why NNI Technology?

Neighbor Network Isolation (NNI) technology enables better capability to resist the interference from the neighbor network so as to sustain high speed in the connection and greater coverage. Consequently, it can relatively enhance the multi-node performance by this better interference resistance.

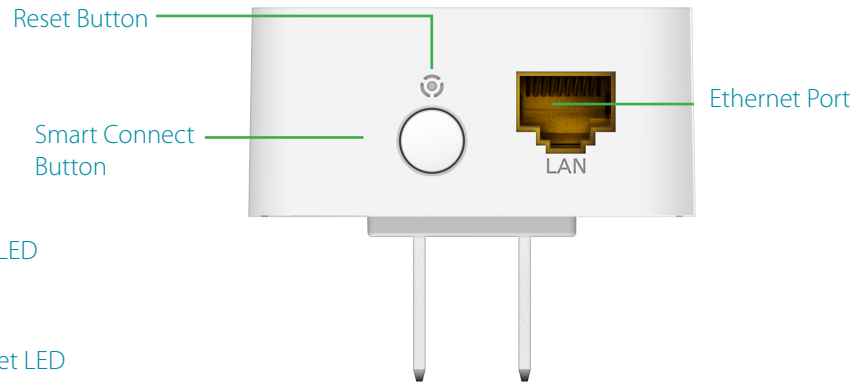
Setup Couldn't Be Any Easier

Just connect one of your adapters to your router, connect the other adapter to your device, and then press the Simple Connect button on each adapter to create a secure connection. It's that simple!

Front View



Back View



Technical Specifications

General

Standards	<ul style="list-style-type: none"> • IEEE 802.3 • IEEE 802.3u • IEEE 1901 	<ul style="list-style-type: none"> • HomePlug AV • HomePlug AV2
Ethernet Interface	<ul style="list-style-type: none"> • 10/100/1000Mbps Gigabit Ethernet 	

Functionality

LED	<ul style="list-style-type: none"> • Power • Ethernet 	<ul style="list-style-type: none"> • Powerline
Security	<ul style="list-style-type: none"> • 128-bit AES data encryption 	
Powerline Modulation Scheme	<ul style="list-style-type: none"> • OFDM symbol modulation 	
Powerline Frequency Band	<ul style="list-style-type: none"> • 2 MHz to 86 MHz 	
Data Rate	<ul style="list-style-type: none"> • Ethernet: 10/100/1000 Mbps (auto negotiation) 	<ul style="list-style-type: none"> • Powerline: Up to 1000 Mbps (PHY rate)¹

Physical

Weight	<ul style="list-style-type: none"> • 0.20 lbs 	
Power	<ul style="list-style-type: none"> • 100-125 V AC, 50/60 Hz, 1A 	
Power Consumption	<ul style="list-style-type: none"> • Maximum: 3W 	
Temperature	<ul style="list-style-type: none"> • Operating: 32 to 104° F 	<ul style="list-style-type: none"> • Storage: -4 to 149° F
Humidity	<ul style="list-style-type: none"> • Operating: 10% to 90% non-condensing 	<ul style="list-style-type: none"> • Storage: 5% to 95% non-condensing
Certifications	<ul style="list-style-type: none"> • UL 	<ul style="list-style-type: none"> • FCC
Dimensions (W x H x D)	<ul style="list-style-type: none"> • 2.75 x 2 x 1 inches 	



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Package Contents	<ul style="list-style-type: none">• PowerLine AV2 1000 Gigabit Passthrough Adapters (DHP-600AV x 2)• Ethernet cable x 2	<ul style="list-style-type: none">• Quick install guide
Warranty Information	<ul style="list-style-type: none">• 1 Year Limited Warranty	<ul style="list-style-type: none">• For more information visit http://support.dlink.com/warranty
Order Information		
Part Number	Description	
DHP-601AV	PowerLine AV2 1000 Gigabit Starter Kit	

¹ 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/AV2 standard.

² Actual data will vary because of the network conditions and environmental factors.

³ The device will enter power saving mode when no traffic is detected for a period of five minutes. Power consumption in power saving mode is up to 85% lower than for normal operation.

For more information

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