D-Link®
Building Networks for People

Product Highlights

High-speed Connectivity

Powerline AV+ allows for higher speeds over home electrical wiring, suitable for high-bandwidth activities like HD media streaming

Port-based Quality of Service (QoS)

Plug your wired devices into the DHP-P338AV's Ethernet ports according to transmission speed requirement or priority

Simple Use and Security Setup

Simply plug it directly into a free power outlet and it is ready to be used. Activate security encryption for your connection by pressing a single Simple Connect Button

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DHP-P339AV

Powerline AV+ 3-Port Passthrough Starter Kit

Features

Standards
- IEEE 802.3
- IEEE 802.3u
- Powerline interface compatible with IEEE 1901 and HomePlug AV

Connectivity
- Three 10/100BASE-TX Ethernet Ports with auto MDI/MDIX that let you plug up to 3 wired devices for high-speed activities (DHP-P338AV)
- 10/100 Mbps Fast Ethernet LAN port to connect a wired device for high-speed activities (DHP-308AV)
- Passthrough socket enables you to plug an electrical device into the adapter while in use (DHP-P338AV)

Security Features
- Simple Connect Button to activate Powerline encryption
- 128-bit AES Data Encryption for PLC Powerline

The DHP-P339AV Powerline AV+ 3-Port Passthrough Starter Kit features the DHP-P338AV Powerline AV+ 3-Port Passthrough Adapter and the DHP-308AV Powerline AV+ Mini Adapter. The DHP-P339AV provides a complete solution for creating a high-speed Powerline network in your home.

Complete Powerline Solution

The DHP-P339AV features, compliant with the HomePlug AV standard, a Powerline[1] network connection that uses your existing home electrical wiring to create or extend your home network. The DHP-P339AV allows you to set up and start enjoying the convenience and reliability of a Powerline network in your home right away. Just connect the DHP-P338AV into one power plug and the DHP-308AV into another power plug in another location in your home.

Enhanced Performance

The DHP-P339AV Powerline AV+ 3-Port Passthrough Starter Kit is capable of high speeds of up to 500 Mbps with better coverage than regular Powerline AV products, enabling you to stream movies, download large files, and enjoy a faster Internet connection for Web surfing. The DHP-P338AV lets you connect up to 3 Ethernet devices to take advantage of its high speeds. It utilizes port-based Quality of Service (QoS) to set priorities for transmission through each Ethernet port, allowing you to ensure your most urgent application or device will have the fastest speeds over your network connection. The DHP-308AV also supports QoS features that ensure faster multimedia traffic by prioritizing multimedia data over non-multimedia data.

Secure Wired Connection

The DHP-P339AV features 128-bit AES Data Encryption for PLC Powerline to ensure a secure Powerline network connection. The DHP-P338AV and DHP-308AV both feature a Simple Connect button that you press to set up Powerline encryption.

Power-Saving Feature

The DHP-P338AV incorporates an energy-saving mode to comply with the European Energy Using Product (EuP) Directive. If no data transmission or reception occurs over a certain period of time, the adapter will automatically go into sleep mode to save power. This helps to reduce power usage by more than 70%, allowing you to save energy automatically and without sacrificing performance. D-Link Green Technology allows switches to automatically detect the link status and reduce the power usage of idle ports.
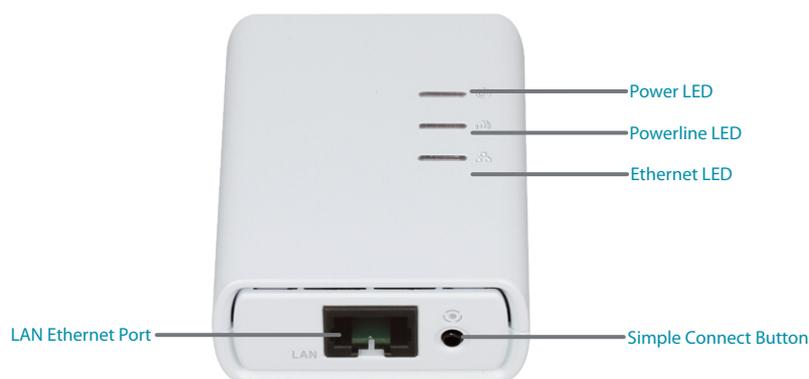
Extra Passthrough Power Socket

The DHP-P338AV also features an extra Passthrough power socket to ensure that your electrical outlet remains available for use by an electrical device while the Powerline adapter is plugged into the socket. The Passthrough socket features noise filtering which helps prevent signal noise from an electrical device plugged into the socket from affecting your Powerline connection.

DHP-P338AV

Three LAN Ethernet Ports

Simple Connect Button

Power Switch

DHP-308AV

Power LED

Powerline LED

Ethernet LED

LAN Ethernet Port

Simple Connect Button

DHP-308AV Powerline AV+ Mini Adapter Technical Specifications

General

Powerline Interface	• Power plug (country-dependent)
Ethernet Interface	• 10/100 BASE-TX Ethernet Port with auto MDI/MDIX • RJ-45 Connector

Functionality

Standards	• IEEE 802.3 • IEEE 802.3u	• HomePlug AV • IEEE 1901
Security	• 128-bit AES Data Encryption	
LEDs	• Power • Ethernet	• Powerline
Powerline Modulation Scheme	• OFDM Symbol Modulation	
Powerline Frequency Band	• 2 to 70 MHz	
Data Rate	• Powerline: Up to 500 Mbps (PHY rate)[2]	• Ethernet: 10/100 Mbps (autonegotiation)

Physical

Dimensions	• 70 x 52 x 26 mm (2.76 x 2.05 x 1.02 inches)	
Power	• Input: 100 to 240 V AC, 50/60 Hz	
Power Saving	• Power-saving mode supported	• Compliant with European Energy Using Product Directive
Temperature	• Operating: 0 to 40 °C (32 to 104 °F)	
Humidity	• Operating: 10% to 90% non-condensing	
Certifications	• CE LVD • FCC	• UL • CE EMC Class B

DHP-P339AV Powerline AV+ 3-Port Passthrough Starter Kit

DHP-P338AV Powerline AV+ 3-Port Passthrough Adapter Technical Specifications

General

Device Interfaces	• Three 10/100BASE-TX Ethernet ports with auto MDI/MDIX • RJ-45 Connector	• Simple Connect button • Power ON/OFF switch • Power plug (country-dependent) for Powerline
Standards	• IEEE 802.3 • IEEE 802.3u	• HomePlug AV • IEEE 1901
Security	• 128-bit AES Data Encryption	
LEDs	• Power • Ethernet	• Powerline
Powerline Modulation Scheme	• OFDM Symbol Modulation	
Powerline Frequency Band	• 2-68 MHz	
Data Rate	• Powerline: Up to 500 Mbps (PHY rate)[2]	• Ethernet: 10/100 Mbps

Physical

Dimensions	• 120.4 x 59.2 x 42.35 mm (4.74 x 2.33 x 1.67 inches)	
Weight	• 212 grams (0.47 lbs)	
Passthrough Power Socket	• EU Type: 250 V/16 A Maximum • UK Type: 250 V/13 A Maximum • FR Type: 250 V/16 A Maximum	• US Type: 125 V/12 A Maximum • AU Type: 250 V/10 A Maximum
AC Input	• EU Type: 100-250 V AC, 50/60 Hz, 16 A • UK Type: 100-250 V AC, 50/60 Hz, 13 A • FR Type: 100-250 V AC, 50/60 Hz, 16 A	• US Type: 100-125 V AC, 50/60 Hz, 12 A • AU Type: 100-250 V AC, 50/60 Hz, 10 A
Temperature	• Operating: 0 to 40 °C (32 to 104 °F)	• Storage: -20 to 65 °C (-4 to 149 °F)
Humidity	• Operating: 10% to 90% non-condensing	• Storage: 5% to 95% non-condensing
Certifications	• CE • FCC	• UL • CE/LVD

Order Information

Part Number	Description
DHP-P339AV	Powerline AV+ 3-Port Passthrough Starter Kit (includes one DHP-P338AV Powerline AV+ 3-Port Passthrough Adapter and one DHP-308AV Powerline AV+ Mini Adapter)

[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.

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