



HP-5001

500Mbps PowerLine Ethernet Adapter

500
Mbps

AES
128-bit

Group
Button

Reset
Button

Windows 7
support

Transmit Network Data via Existing Electrical Wires

If your home or office does not have Ethernet cables installed in the wall and you dislike the idea of unsightly external cabling running all over the place, use the EDIMAX HP-5001 500Mbps PowerLine Ethernet Adapter to turn the existing electrical wires in your home or office into a high-speed network connection. With the HP-5001, annoying cable planning and installation are no longer necessary. The HP-5001 enables you to create a network environment easily and cost-effectively.

PowerLine Data Rates Up to 500Mbps & Gigabit Ethernet Connectivity

The HP-5001 can transmit network data over existing electrical wires at speeds of up to 500Mbps. It is also backward compatible with the 200Mbps HomePlug AV standard. Additionally, the HP-5001 is built with a high-speed gigabit (10/100/1000Mbps) Ethernet port. You can give network devices like computers, game consoles, HDTVs, and IP cameras ultrafast network connectivity with the HP-5001.

IPTV, VoIP & IGMP Support

The HP-5001 supports Internet Protocol Television (IPTV) and Voice over Internet Protocol (VoIP), giving you the flexibility of using this powerline adapter with your IPTV set-top box or your Internet telephone. The HP-5001 also supports IGMP multicast services. With IGMP, the HP-5001 allows for online video streaming, online gaming, and more efficient use of bandwidth resources. You will be able to transfer high-definition video and digital audio simply by connecting the HP-5001 to an electrical outlet.

Hardware Group & Reset Buttons

The HP-5001 has both a hardware group button and a hardware reset button for simplified group and reset configurations. Press the group button and the HP-5001 will help you set up a password for your network automatically. Press the reset button for 3 seconds to reset the device to factory defaults.

128-bit AES Encryption

Built in compliance with the 128-bit AES encryption standard, the EDIMAX HP-5001 500Mbps PowerLine Ethernet Adapter is able to give you superior powerline network security.



FEATURES AND TECHNICAL SPECIFICATIONS

HARDWARE INTERFACE	MODULATION SCHEMES	POWER
<ul style="list-style-type: none"> 1 power jack and 10/100/1000Mbps Ethernet LAN ports LED indicators: power, Ethernet, and power line link Reset button, Group button and Standby button 	<ul style="list-style-type: none"> 4096/1024/256/64/16/8-QAM, QPSK, BPSK, and ROBO modulation schemes 	<ul style="list-style-type: none"> 100-240V AC, 50-60Hz Consumption : 6W (Typical) or 1 W (Standby mode)
SECURITY & SUPPORT OS & PROTOCOL	MODULATION BAND & HARDWARE	HUMIDITY & TEMPERATURE
<ul style="list-style-type: none"> 128-bit AES link encryption Utility supports Windows 2000/XP/Vista/7 HomePlug AV 1.0 / IEEE1901 for PowerLine and IEEE802.3/802.3u/802.3ab for Ethernet 	<ul style="list-style-type: none"> 2-68MHz 16Mbits Flash / 256Mbits SDRAM 	<ul style="list-style-type: none"> 10-90% (non-condensing) 0-40 degrees Celsius
FUNCTIONS	DIMENSION & WEIGHT	CERTIFICATIONS
<ul style="list-style-type: none"> Power line coverage range up to 300 meters Supports IGMP and IPv6 Integrated Quality of Service (QoS) Enhancement 	<ul style="list-style-type: none"> 90 x 55 x 33mm 120g 	<ul style="list-style-type: none"> CE, FCC

NETWORK SETUP DIAGRAM AND RELATED PRODUCTS

An example of how the HP-5001 can be set up:

- Plug the HP-5001 to a power outlet and connect the HP-5001 to your broadband router.
- Plug another HP-5001 to another power outlet and connect the HP-5001 to your computer's Ethernet port.

