



HP-2002AV

200Mbps PowerLine Ethernet Adapter



USE THE EXISTING POWER LINE

HP-2002AV turns the existing electric wires in your home or office into a high-speed network. You do not have to install the network cables and be annoyed with the cables planning-- just use the wires that already run through the building! HP-2002AV enables you to create a network easily and cost-effectively.

SUPPORTS IGMP & 200MBPS HOMEPLUG AV STANDARD

HP-2002AV not only complies with the HomePlug AV standard but also supports IGMP managed multicast session. HomePlug AV represents the next generation of technology which providing high speed 200Mbps data rate and coverage range up to 300 meters. IGMP can be used for online streaming video and gaming, and allows more efficient use of resources. With IGMP multicast, HP-2001AV can save the bandwidth of powerline. People will be able to transfer high-definition video and digital audio by simply connecting the device to an electrical outlet.

COEXISTENCE WITH HOMEPLUG 1.0 & 1.0 TURBO

HP-2002AV is designed to ensure efficient coexistence with the HomePlug 1.0 and 1.0 Turbo devices . User can use HP-2002AV and HomePlug 1.0 stations to share the CSMA/CA allocation , thus providing fair access to HomePlug 1.0 stations based on traffic priority .

SUPPORT QoS & 128-BITS AES ENCRYPTION

HP-2002AV not only provides Quality of Service (QoS) guarantees including guaranteed bandwidth reservation, high reliability and tight control of latency, but also supports 128-bits AES link encryption for security. It is a good choice for you to create a new network or to rearrange of the existing network.

SUPPORT GROUP BUTTON & RESET BUTTON

HP-2002AV provides hardware “Group Button” and “ Reset Button” for you to simplify the configuration. The “Group Button” can help you to setup network password of powerline automatically. Press the “Reset Button” for 3 seconds to reset the configuration to factory default.

FEATURES AND TECHNICAL SPECIFICATIONS

HARDWARE INTERFACE	MODULATION	POWER
<ul style="list-style-type: none"> 1 Power jack + 1 LAN 10/100Mbps Ethernet Ports LED Indicators: Power, Ethernet and Powerline Reset button Group button 	<ul style="list-style-type: none"> 1024/256/64/16-QAM, QPSK, BPSK and ROBO Modulation Schemes 	<ul style="list-style-type: none"> 100~240VAC , 50~60Hz
SECURITY & SUPPORT OS	FREQUENCY BAND & HARDWARE	HUMIDITY
<ul style="list-style-type: none"> 128-bit AES link Encryption Support Windows 98SE/ME/2000/32&64 bit XP/32&64 bit Vista 	<ul style="list-style-type: none"> 2~30 MHz 128Mbits SDRAM 16Mbits Flash 	<ul style="list-style-type: none"> 10-90% (Non-condensing)
FUNCTIONS	DIMENSION & TEMPERATURE	CERTIFICATIONS
<ul style="list-style-type: none"> Powerline Coverage Range up to 300 meters Supports IPv6 IGMP managed multicast IP transmission Integrated Quality of Service (QoS) : Support contention-free access, four-level priority based contention access, and multi segment bursting Support VLAN Priority, ToS and CoS Packet Classifier 	<ul style="list-style-type: none"> 99 x 64 x 45 mm 0~45 Degree Celsius 	<ul style="list-style-type: none"> CE

NETWORK SETUP DIAGRAM AND RELATED PRODUCTS

An example of how the HP-2002AV can be setup :

- Plug the HP-2002AV to the power outlet and Connect the HP-2002AV to your Broadband router.
- Plug the other HP-2002AV to the power outlet and Connect the HP-2002AV to your computer's Ethernet port .

