HP-2001AV

200Mbps PowerLine Ethernet Adapter

QoS | AES 128-bit | Group Button | Reset Button | 300 meters

USE THE EXISTING POWER LINE

HP-2001AV 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-2001AV enables you to create a network easily and cost-effectively.

200MBPS HOMEPLUG AV STANDARD

HP-2001AV complies with the HomePlug AV mode standard . HomePlug AV represents the next generation of technology which providing high speed 200Mbps data rate and coverage range up to 300 meters. 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-2001AV is designed to ensure efficient coexistence with the HomePlug 1.0 and 1.0 Turbo devices . User can use HP-2001AV 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-2001AV 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-2001AV provides hardware "Group Button" and " Reset Button" for you to simplify the configuration. The "Group Button" can help you to create several powerline network groups in LAN . The HomePlug devices in different groups can not communicate with each other via powerline. Press the "Reset Button" for 3 seconds to reset the configuration to factory default.

FEATURES AND TECHNICAL SPECIFICATIONS

HARDWARE INTERFACE	MODULATION	POWER
● 1 Power jack + 1 LAN 10/100Mbps Ethernet Ports ● LED Indicators: Power, Ethernet and Powerline ● Reset button ● Group button	● OFDM (1024/256/64/16-QAM, QPSK, BPSK and ROBO Modulation Schemes	● 100~240VAC , 50~60Hz

SECURITY & SUPPORT OS	FREQUENCY BAND	HUMIDITY
● 128-bit AES link Encryption ● Support Windows 98SE/ME/2000/XP/Vista	● 2~30 MHz	● 10-90% (Non-condensing)

FUNCTIONS	DIMENSION & TEMPERATURE	CERTIFICATIONS

● Powerline Coverage Range up to 300 meters
● Support 64 adapters to communicate on a single network
● Plug and Play
● IGMP managed multicast IP transmission
● Integrated Quality of Service (QoS) :
  Prioritized random access
  Contention-free access
	● 97 x 65 x 54 mm
	● 0~45 Degree Celsius
		● CE, FCC

NETWORK SETUP DIAGRAM AND RELATED PRODUCTS

An example of how the HP-2001AV can be setup :

• Plug the HP-2001AV to the power outlet and Connect the HP-2001AV to your Broadband router.
• Plug the other HP-2001AV to the power outlet and Connect the HP-2001AV to your computer's Ethernet port .