SMCHPAV-ETH
200Mbps HomePlug AV Adapter

Product Overview
The EZ Connect Powerline™ Adapter (SMCHPAV-ETH) uses the in-house AC power network for data transmission and is compliant with the HomePlug AV standard. It provides up to 200Mbps data transfer speed with push-button 128-bit AES data encryption for maximum security. Supporting Quality of Service (QoS), the adapter automatically prioritizes video and audio packets ensuring smooth data transfer and multimedia streaming. The SMCHPAV-ETH also comes with a configuration utility that runs on Windows platforms allowing network management for locally connected powerline devices as well as remote devices. The SMCHPAV-ETH is an easy to setup solution for extending a home or small office network without having to run expensive cabling or perform extensive network configuration. Just Plug and Play to power on your digital life.

Key Features and Benefits

No New Wires Required
Turns each power outlet into a network connection point. saving time and money in wiring the home.

Plug and Play
Wall-mount form factor turns any AC power outlet into an Ethernet connection and pre-configured hardware ensures for immediate connectivity.

QoS Support
Quality of Service (QoS) ensures smooth data transfer and multimedia streaming.

Push-button Security
Push-button security allows to easily enable 128-bit AES encryption for maximum data security.
Features

NETWORK INTERFACE
One RJ-45 (10/100 Base-T Ethernet)

LED
Power
Link
Ethernet

POWER INPUT
100-240VAC @50-60HZ (internal)

POWER CONSUMPTION
4W MAX (Standby Mode: 1.8W at 230VAC, 1.2W at 120VAC)

ETHERNET STANDARD
IEEE 802.3     10BASE-T Ethernet
IEEE 802.3u    100BASE-TX Fast Ethernet
IEEE 802.1p    Quality of Service (QoS) support

POWERLINE STANDARD
HomePlug AV 1.1

ADDITIONAL PROTOCOLS
Forward Error Correction (FEC)
Automatic Channel Adaptation
Integrated Quality of Service (QoS)

SECURITY
128-bit AES encryption
Private network name
Push-button security

CONFIGURATION MANAGER SUPPORT
Windows® 2000, XP, Vista

FREQUENCY
2 MHZ-28MHZ

MODULATION SCHEMES
OFDM Symbol Modulation
QAM 8/16/64/256/1024, DBPSK, DQPSK, ROBO Carrier Modulation

TYPICAL COVERAGE
Estimated range of 100 meters in wall power lines

PACKAGING CONTENTS
SMCHPAV-ETH
Ethernet Cable
Quick Install Guide
Utility CD
SMC Warranty Registration Card

DIMENSIONS
(L)95*(W)75*(H)50 mm
(L)3.75*(W)2.96*(H)1.97 in

WEIGHT
0.16 kg
0.35 lb

OPERATING TEMPERATURES
0° C ~ 40° C
32° F ~ 104° F

HUMIDITY
10% ~ 90% Non-condensing

Certifications
FCC Part 15 Class B
CE Mark
RoHS compliant

Warranty
Please check www.smc.com for the warranty terms in your country/region.

Contact
North America
20 Mason, Irvine, CA 92618, U.S.A
1-800-SMC-4YOU
24/7 Technical Support

Europe/Africa
Fructuos Gelabert 6-8
08970 Sant Joan Despi
Barcelona, Spain

Check www.smc.com for your local country contact information

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