SMC Networks

SMCHP1D-USB
EZ Connect™ 14 Mbps Powerline to USB Desktop Adapter

OVERVIEW

The EZ Connect™ 14 Mbps Powerline to USB Desktop Adapter (SMCHP1D-USB) is the easiest way to create or extend a home network. The Powerline to USB Desktop Adapter is compatible with Windows 98, Me, 2000, XP, and is ideal for connecting a desktop or laptop in another room of the house without having to run expensive CAT-5 cabling. Combine the EZ Connect Powerline to USB Adapter with the EZ Connect Powerline to Ethernet Desktop Adapter (SMCHP1D-ETH) for a complete Powerline solution from your Router to your PC.

The EZ Connect 14 Mbps Powerline to USB Adapter is compatible with the HomePlug 1.0 standard to work across all the types of home wiring. Using auto-sensing and rate-adaptive technology, the Powerline to USB Adapter insures that your connection maintains the highest performance available. Combine this performance with a 56-bit Data Encryption Standard (DES) with Key Management security feature and you have a complete solution that is fast and secure.

The EZ Connect 14 Mbps Powerline to USB Adapter comes with the EZ Configuration Manger utility which is the only Powerline management software that runs on both the PC and Mac platforms. This feature-rich utility allows you to manage your network with a friendly naming option for each Powerline device in your network, view connection status, and monitor throughput information. For additional status information, the SMCHP1D-USB has easy-to-read diagnostic LEDs which will display if a Powerline network is available as soon as it is plugged into the power outlet.

As with all SMC products, the EZ Connect™ Powerline products also ship with the EZ Install Wizard to guide you through a simple plug-and-play installation. All of these features combined with our innovative desktop chassis, which allows you to connect in places where a bulky wall-mounted adapter won't fit, and you have the ideal Powerline network solution to extend the range of your wired or wireless network.

FEATURES	BENEFITS
HomePlug 1.0 Compatible	Supports up to 16 Powerline devices communicating on a single network
No New Wires Required – uses existing wiring in your home	Save time and money by using the existing power lines in your house
Data transfer rates up to 14Mbps	Up to 14Mbps Data Rate which is faster then 802.11b
Plug-and-Play Installation	Pre-configured hardware for immediate connectivity
Easy-to-Read Diagnostic LEDs	Diagnostic LEDs for Data Transfer information and Powerline network availability.
56-Bit Data Encryption Standard (DES)	Protect your information with the 56-Bit DES security option
Innovative Compact Desktop design that goes where bulky wall mounted adapters won't fit.	Stand-Alone Unit Attaches Directly to Broadband Device and Home Powerline Network for Seamless Integration
Auto-sensing and rate-adaptive technology to minimize interference from other household appliances and maintain high performance.	Turn each power outlet in a house into a network connection point
EZ Install Wizard for easy setup and configuration	EZ Configuration Manager allows users to independently manage their Powerline network by supporting friendly names, through-put information, and connection status.

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NETWORK INTERFACES
• One USB V1.1
• Electrical plug (HomePlug Ethernet)

POWERLINE STANDARDS
• HomePlug v1.01 compatible

LEDs
• Power (PWR)
• HomePlug LINK/ACT (HP)

POWER INPUT
• 100-240VAC @ 50~60Hz (internal) 0.15A

USB STANDARDS
• USB 1.1

ADDITIONAL PROTOCOLS
• Forward Error Correction (FEC)
• Automatic Channel Adaptation

SECURITY
• 56-bit Data Encryption (DES) with Dynamic Key Management

CONFIGURATION MANAGER SOFTWARE
• Device Detect/Diagnostic
• NEK Password Setup for Local and Remote Device

CONFIGURATION MANAGER SUPPORT
• Windows 98, 2000, Me, NT, and XP
• Mac OS 9.x and OS X 10.1.x

CERTIFICATIONS
• FCC Part 15 Class B
• CE

FREQUENCY
• 4.3 MHZ – 20.9 MHZ

MODULATION
• OFDM Symbol Modulation,

MODULATION SCHEMES
• DQPSK, DBPSK, ROBO Carrier Modulation

TYPICAL COVERAGE
• Up to 5000 square foot home

USB DRIVER SUPPORT
• Windows 98, 2000, Me, and XP

HUMIDITY
• Operating: 10% to 90% Non-Condensing

TEMPERATURE
• Operating: 32º to 104º F / 0º to 40º C

WARRANTY
• Limited Lifetime

DIMENSIONS
• 3.05 x 4.53 x .98 in
• 77.5 x 115 x 25 mm

WEIGHT
• 3.53oz
• 100g

Contact

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