Datasheet_PLI-1000

LevelOne's HomePlug Solution

HomePlug technology delivers high-speed network access through existing home power infrastructure and provides the cost-effective solution for the network installation. LevelOne's Homeplug networking solution, PLI-1000 HomePlug USB adapter, allows any electronic devices with USB interface to instantly connect to a network by plugging into any electrical outlet. PLI-1000 complies with HomePlug 1.0 technology which provides the capabilty to transmit data at a maximum rate of 14Mbps over existing electricity infrastructure. Also, built-in Quality of Service (QoS) features provide the necessary bandwidth for multimedia payloads including voice, data, audio, and video applications.

Key Features

- HomePlug 1.0 Compliant
- USB 1.0 and 1.1 Compliant
- Up to 14 Mbps data rate
- Integrated QOS features
- OFDM for high data reliability
- 56-bit DES Link Encryption
- Simple Plug-and-Play Installation
- Cost-effective solution
- Easy to use
- Utilize the existing electricity infrastructure

Technical Specification

- Standard Conformance:
  HomePlug 1.0 compliant
  USB 1.0 Compliant
  USB 1.1 Compliant
- USB Interface Transmission Mode:
  Universal Serial Bus Specification 1.0 & 1.1 compliant
  USB type B connector for standard shielded USB cable Full-duplex
- Operating Voltage:
  5V (USB standard)

- Storage Temperature
  0C ~ 55C
- Humidity:
  10% ~ 90% (non-condensing)
- Dimensions:
  129mm*43mm*125mm
- Certification
  FCC Pat 15. Class B
  VCCI Class B
  CISPR 22. Class B

Ordering Information

- PLI-1000 HomePlug USB Adapter