

DataSheet_PLI-2010



HomePlug Ethernet Bridge

LevelOne's Homeplug networking solution, PLI-2010 HomePlug to Ethernet Bridge, provides you the simple internet connection by plugging to the existing powerline infrastructure thus leveraging the performance of the Ethernet. With our advanced HomePlug technology, there is no need to spend time and money implementing expensive Ethernet cabling to share your high speed cable or DSL modem. We thus provide a cost-effective solution for network installations.

PLI-2010 complies with HomePlug 1.0.1 standard which provides the capability to transmit data at a maximum rate of 14Mbps over existing electrical infrastructure. The built-in Quality of Service (QoS) features provide the necessary bandwidth for multimedia payloads including voice, data, audio, and video applications. Regarding security, the Data Encryption Standard (DES) technology enabled by default guarantees the security and privacy of transmission..

PLI-2010 is easy to setup and install with minimum configuration using the embedded configuration utility. This feature enables the user to find Homeplug devices on the powerline network, measure data rate performance and ensure privacy by setting a user defined network private password. With its compact-sized design, PLI-2010 is easy to allocate without limiting your mobility and saving your desktop space.

PLI-2010 is the ideal solution specifically targeted at SOHO users or small and medium enterprises that need high-speed networking without cluttered messy wiring.



PLI-2010

Key Features

- HomePlug 1.0.1 Compliant
- Up to 14 Mbps data rate
- Integrated QOS features
- OFDM for high data reliability in noisy media conditions
- Privacy through 56-bit DES Link Encryption
- Simple Plug-and-Play Installation
- Cost-effective solution
- Deliver the benefits of Ethernet without wiring expense

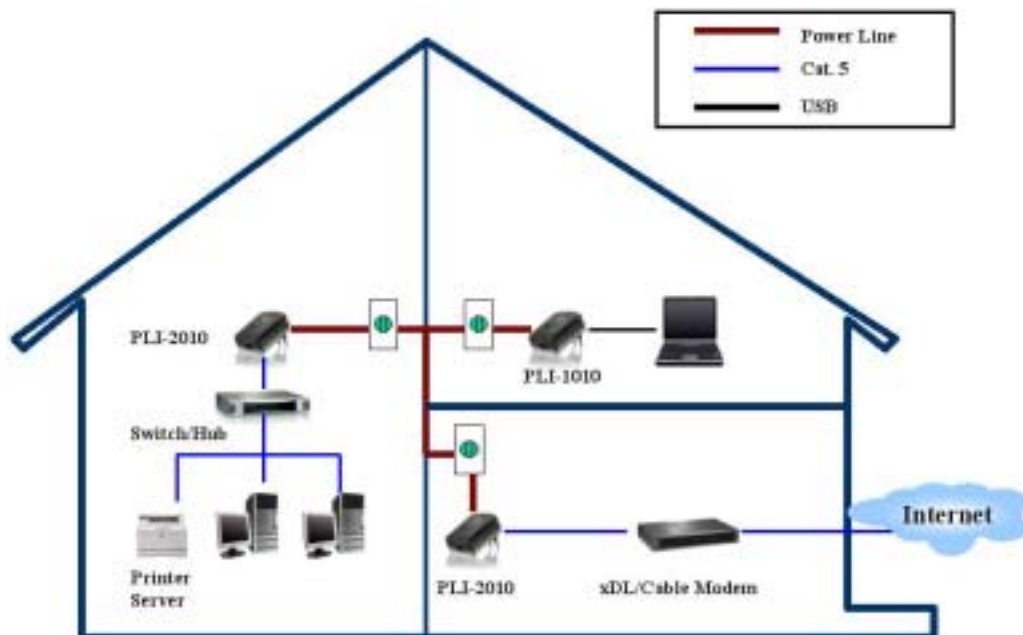
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Technical Specification

- **Standard**
HomePlug Powerline Alliance Specification 1.0.1
- **Port**
10/100Mbps Ethernet RJ-45
- **Modulation**
OFDM, MDQPSK/DBPSK
- **Privacy**
56 bits DES encryption
- **Data Rate**
Up to 14 Mbps
- **LEDs**
Link/ Activity/ Collision
- **OS Supported**
Windows™ 98SE/ME/2000/XP
- **Power input**
AC-to-DC power adapter
220-240VAC, 50/60 Hz
- **Temperature**
Operating: 0 ~50 (32 ~ 122)
Storage: -10 ~60 (14 ~ 140)
- **Humidity**
Operating: 10% ~ 95% (non-condensing)
- **Dimension**
170mm(L) * 140mm(W) *90mm(H)
- **EMI and Safety**
FCC, CE

Product Diagram



Ordering Information

- PLI-2010: HomePlug Ethernet Bridge