

# DataSheet\_PLI-1010



## HomePlug USB Adapter

**LevelOne's** Homeplug networking solution, PLI-1010 HomePlug USB adapter, allows any electronic devices with USB interface to connect instantly to a network by plugging into any electrical outlet. With its advanced HomePlug technology, PLI-1010 delivers high-speed network access through existing home power infrastructure and provides an cost-effective solution for network installation.

PLI-1010 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, PLI-1010 offers 56-bit data encryption which assures users that their communications are safe and readable only by the intended recipients.

PLI-1010 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 and wall-mountable design, PLI-1010 is easy to allocate without limiting your mobility thus saving your desktop space.

PLI-1010 is the ideal solution specifically targeted at SOHO users or small and midium enterprises that need high-speed networking without cluttered messy wiring.



**PLI-1010**

## Key Features

- HomePlug 1.0.1 Compliant
- USB 1.0 and 1.1 Compliant
- Up to 14 Mbps data rate
- Integrated QOS features
- OFDM for high data reliability
- Privacy through 56-bit DES Link Encryption
- Simple Plug-and-Play Installation
- Cost-effective solution
- Easy to use
- Deliver the benefits of Ethernet without the wiring expense

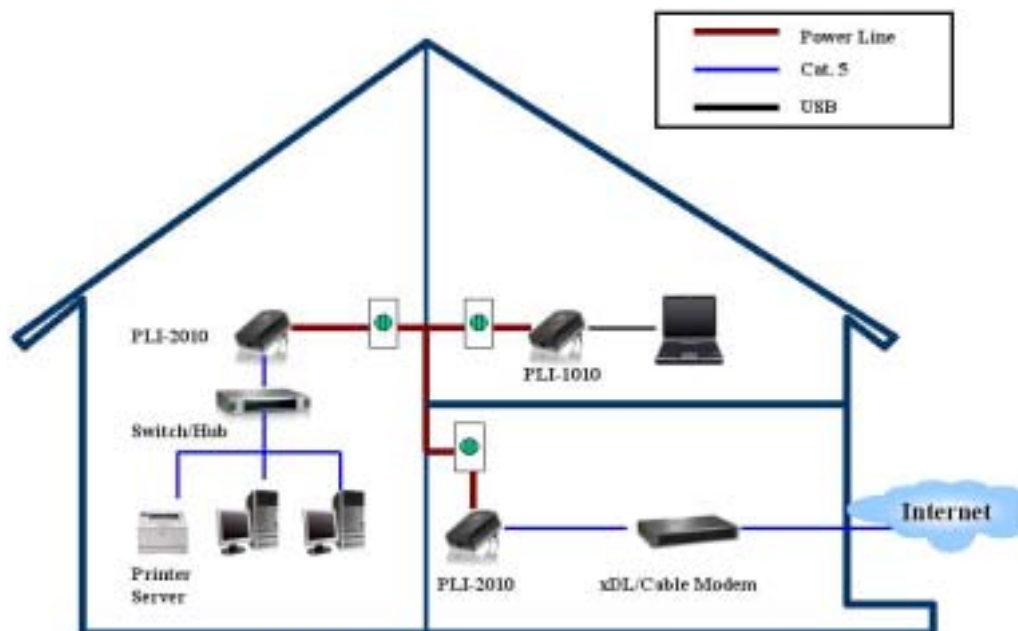
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## Technical Specification

- **Standard**  
HomePlug Powerline Alliance Specification 1.0.1
- **USB Interface Transmission Mode**  
Universal Serial Bus Specification 1.0 & 1.1 compliant  
USB type B connector for standard shielded USB cable full-duplex
- **Modulation**  
OFDM
- **Operating Voltage**  
5V (USB Standard)
- **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  
100-240VAC, 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-1010: HomePlug USB Adapter

