



85Mbps HomePlug Ethernet Bridge



PLI-2020

H/W Version: 1

Cost-effective Network Solution

LevelOne HomePlug networking solution, PLI-2020 HomePlug 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.

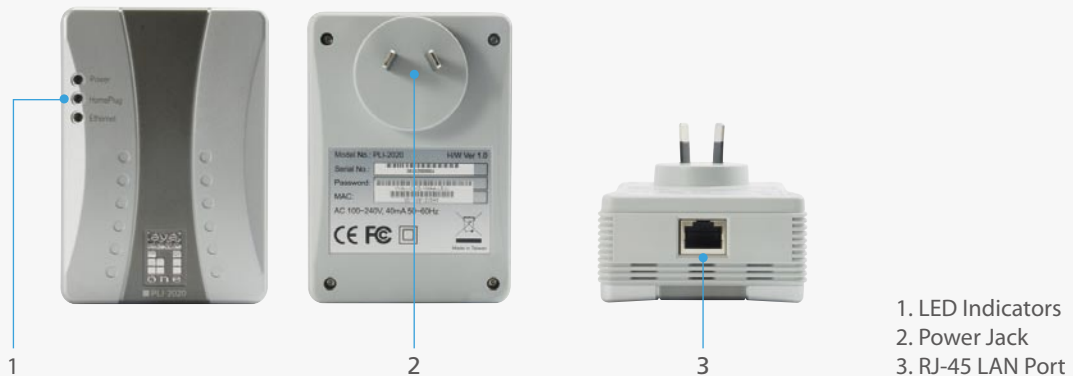
Adopt the Latest Technology

The PLI-2020 complies with HomePlug 1.0 Turbo standard which provides the capability to transmit data at a maximum speed of 85Mbps 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.

Easy to Install and Maintain

The PLI-2020 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.



Key Features

- HomePlug 1.0 and 1.0 turbo Compliant
- Delivers data of up to 85 Mbps data rates
- 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 network solution
- Deliver the benefits of Ethernet without wiring expense

Relate Products



PLI-3110
HomePlug Pro PoE



PLI-3210
HomePlug Pro 4-Port Switch

Technical Specification

Standard

HomePlug Powerline Alliance Specification 1.0
IEEE 802.3 Ethernet
IEEE 802.3u Fast Ethernet

Port

10/100Mbps Ethernet RJ-45

Modulation

OFDM 256/64/16, DQPSK, DBPSK and ROBO Modulation Scheme

Frequency Band

4.3 Mhz to 20.9 Mhz

Security

56 bits DES encryption with key management

Data Rate

Up to 85 Mbps

LEDs

Power (Green)
HomePlug Link/Act (Green)
Ethernet Link/Act (Green)

OS Supported

Windows TM 98SE/ME/2000/XP

Hardware

Intellon INT5500 Integrated single-chip Powerline Network Transceiver

Power input

100-240VAC, 50/60 Hz
Supply for Europe, US plugs

Temperature

Operating: 0°C~40°C (32°F~104°F)
Storage: -25°C~70°C (-13°F ~158°F)

Humidity

Operating: 30% ~ 80% (non-condensing)

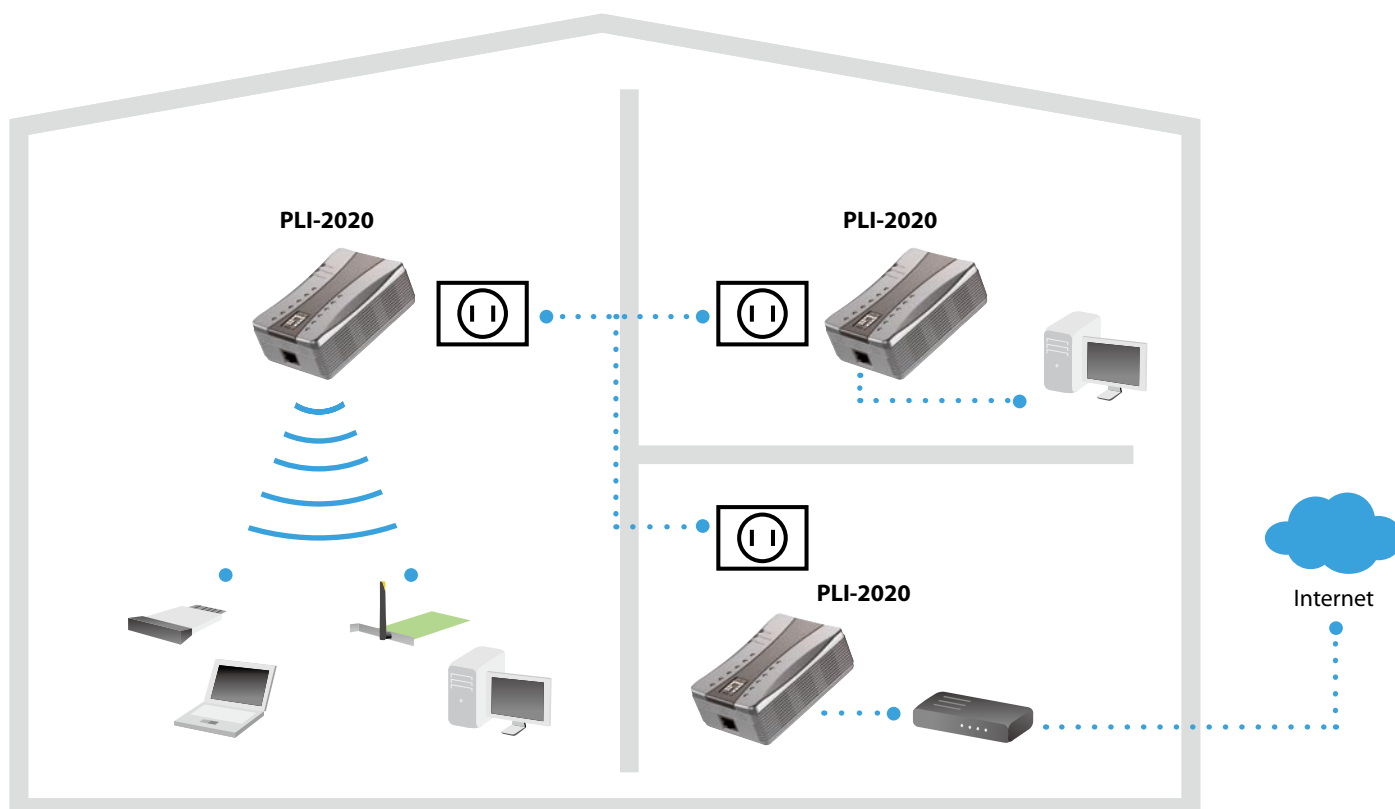
Dimension

103.0mm(L) * 71.5mm(W) * 38.0mm(H)

EMI and Safety

FCC, CE

Product Diagram



Order Information

PLI-2020: 85Mbps HomePlug Ethernet Bridge

Package Contents

PLI-2020, Ethernet Cable, CD Manual/Utility, Quick Installation Guide