



# HomePlug Pro 4-Port Bridge



PLI-3210

H/W Version: 1

## HomePlug Pro Series

The LevelOne HomePlug Pro Series™ takes home networking to the next level. Following the HomePlug A/V standard, users will enjoy 200 Mbps throughput for all bandwidth-hungry applications, especially high-definition audio/video.

## 4-Ports to the rescue!

The beauty of HomePlug technology is that you don't have to spend time and money trying to run Ethernet cables to every room in the house. For large homes or offices, this is especially handy. But what do you do when you want to connect several devices that are

located in different rooms? Sometimes a single port HomePlug adapter isn't enough. Have no fear because the HomePlug Pro 4-Port Bridge is here!

## Quickly create the ideal network

Having a large network using only your home's electrical wiring has never been easier. With more and more network devices being added, it's now important to have connectivity in more than just a single room. Connect your Network Attached Storage, print server, surveillance cameras all together using a fast 200 Mbps device like the LevelOne HomePlug Pro 4-Port Bridge.



1. Power LED
2. HomePlug LED
3. Ethernet Port LEDs
4. Power Port
5. Reset Button
6. Security Button
7. 4 Ethernet Ports

## Key Features

- Up to 200Mbps PHY Data Rate on HomePlug with 4 Ethernet ports
- Stand-Alone Unit Attaches Directly to Network Devices and plugs into the wall for seamless integration
- 128-bit AES Link Encryption with Key Management
- Security push button for group
- LED display for HomePlug linking quality

## Works Well With



**FCS-0010**  
10/100Mbps Network Camera



**VOI-7000**  
SIP Phone

## Technical Specification

### Main Chipset

Intellon INT6300

### Computer Interface

IEEE802.3; IEEE802.3u

### Standards

HomePlug AV

### Network Interface

Four RJ-45 (10/100Base-T Ethernet)  
One 200Mbps Power Line Port supporting co-existence with 14/85Mbps HomePlug

### Security

128-bit AES Link Encryption with Key Management

### Data Transfer Rate

200 Mbps over Powerline and 10/100Mbps over Ethernet

### Modulation Schemes

OFDM Symbol Modulation on Line synchronization  
1024/256/64/16/8 - QAM, QPSK, BPSK, ROBO Carrier Modulation

### Frequency Band

2 ~ 28 Mhz

### Additional Protocols

Mix of TDMA and CSMA/CA channel access scheme;  
CO device generates a periodic beacon carrier for channel access scheme

### Operation Range

Estimated range of 300m in wall power lines

### Cabling

100Base-T; Cat. 5 UTP Cable

### Operating Temp.

0°C to 40°C ambient temperature

### Storage Temperature

-20°C to 70°C ambient temperature

### Humidity

10 to 90% maximum (non-condensing)

### Power Input

100 ~ 240V @ 50/60Hz Internal

### Power Connector

6 ft AC power cord

### Housing

Plastic (Dimensions 144mm x 124mm x 33mm)

### Software Utility

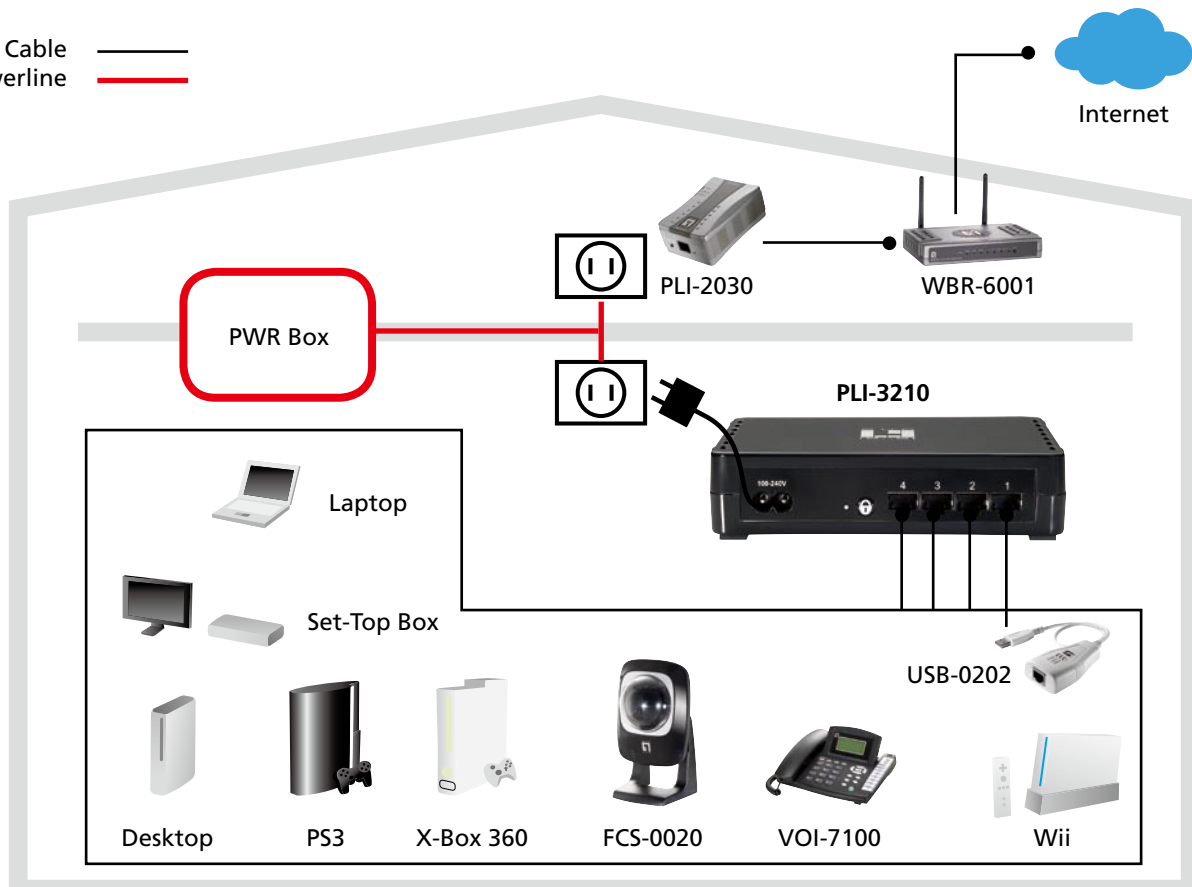
Device Detect/Diagnostic, NEK Password Setup for Local and Remote Device Windows 2000, ME, NT, XP, or Vista for Initial Setup

### LED

Power ; PL – Link/Act (with dual-color throughput function) ; ETH 1 thru 4 – Link/Act

## Product Diagram

Ethernet Cable ———  
Powerline ———



**Order Information**

**PLI-3210:** HomePlug Pro 4-Port Bridge

**Package Contents**

PLI – 3210

1 RJ45 Ethernet cord

1 Power cord

CD Manual