



# 200Mbps Powerline 4-Port Switch



PLI-3211

H/W Version: 1

### Product Overview

The LevelOne PLI-3211 200Mbps Powerline 4-Port Switch lets you connect your Home Theater devices to the Internet using your home's existing powerlines easily. It is an all-in-one solution for users looking to enjoy multiple HD streams, multiplayer gaming and Web surfing simultaneously. When using PLI-3211 alongside makes it easier to connect up to four media devices such as HDTVs, Blu-ray Disc players, DVRs, and game consoles to your home network through any electrical outlet in your house

### Easy Setup

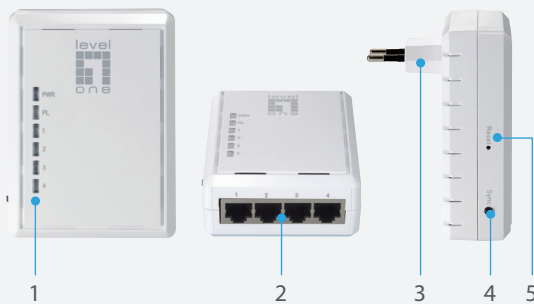
The installation is fairly simple and straightforward. With the built-in plug and play technology, simply plug these adapters to your wall sockets and connect your Ethernet-ready devices such as broadband router, game console and laptop to these adapters. You will turn your existing wall sockets into network connections within a short amount of time.

### Optimizing Transmission Efficiency

Featuring the QoS (Quality of Service) mechanism, self-adjustment of network bandwidth for intensive and sensitive applications are guaranteed to avoid any network bottlenecks or traffic congestion, hence, you can enjoy having more than one application running at the same time such as streaming HD (High-Definition) TV content, running a video conference, playing online games, making VoIP (Voice over IP) calls and surfing the Internet.

### Fast and Secure Connect

Getting connected is easy by pressing and holding the security button which allows you to create or join an existing home network within a few minutes. In addition, to ensure maximum security, 128-bit AES (Advanced Encryption Standard) encrypted password is generated automatically for protecting your network connections against eavesdropping



1. LED Indicators
2. RJ-45 Ethernet Port
3. Power Plug
4. Security Push Button
5. Reset Button

### Key Features

- Extends your home network through existing electrical wiring with data transfer speeds of up to 200Mbps
- Built-in 4-Port Fast Ethernet switch
- QoS control for traffic prioritization and bandwidth management
- Simple Plug and Play installation
- Security push button for software free configuration
- 128-bit AES encryption for network protection enhancement

### Works Well With



**PLI-3411**  
200Mbps Powerline Wireless  
Access Point



**FCS-0040**  
1.3-Megapixel Network Camera

## Technical Specification

### Computer Interface

IEEE802.3 (10BASE-T)  
IEEE802.3u (100BASE-T)

### Standards

IEEE1901/ HomePlug AV

### Network Interface

Four RJ-45 (10/100Base-T Ethernet) support 200Mbps Power Line Port

### Security

128-bit AES Link Encryption with Key Management

### Software

Utility for Microsoft Windows 98 SE, ME, 2000, XP, and 32-bit Vista, 7

### 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. 5e or above UTP cable

### Operating Temperature

0°C to 40°C

### Storage Temperature

-20°C to 70°C

### Humidity

10% to 90% (non-condensing)

### Power Input

100 ~ 240V @ 50/60Hz Internal

### Power Save

Standby Mode >1W

### Housing

Plastic (105mm x 76mm x 33mm)

### Software Utility

Device Detect/Diagnostic, NEK Password Setup for Local and Remote Device Windows 2000, ME, NT, XP, or Vista, 7 for Initial Setup

### LED

Power: on / off

PLC link: red / orange / green / off

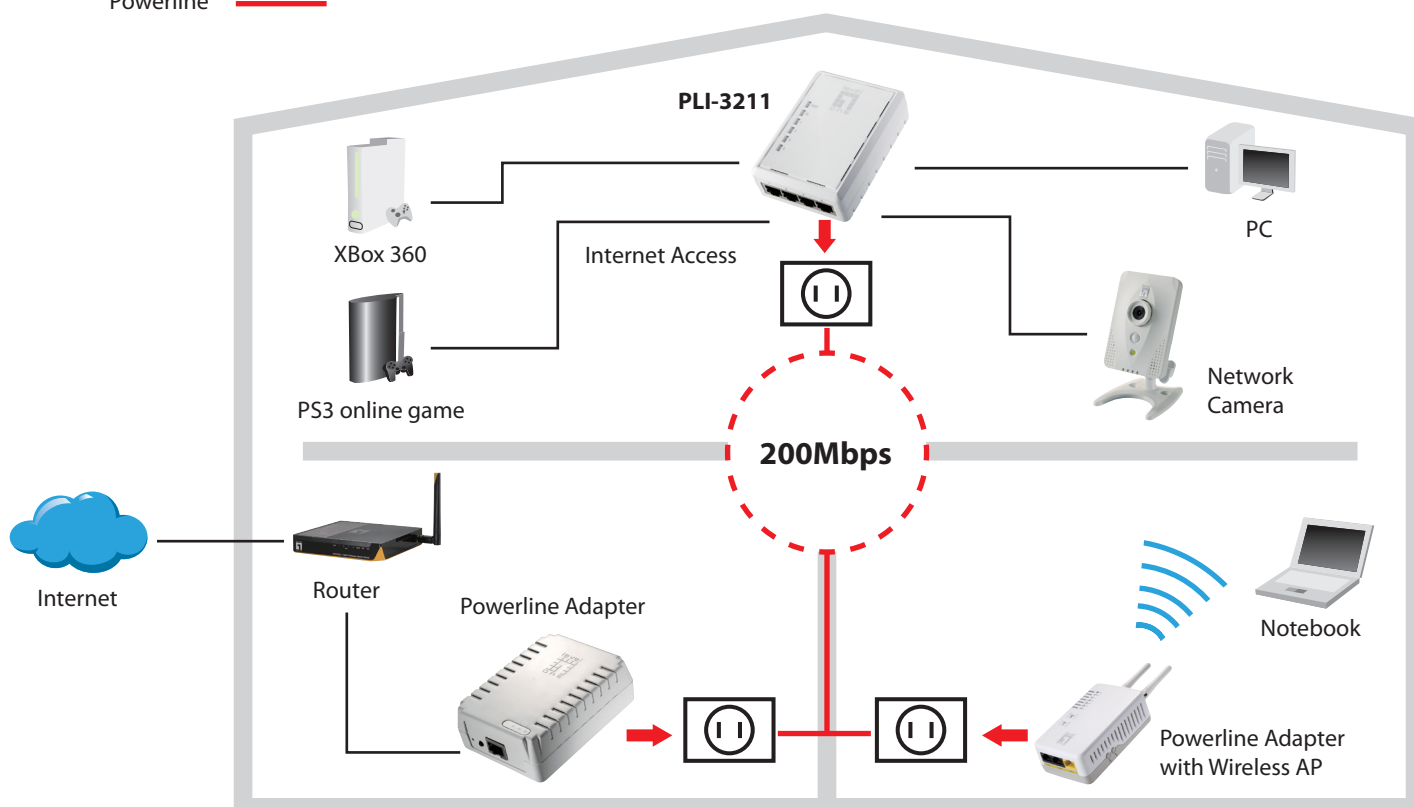
Ethernet link 1 through 4: solid / blinking/ off

### Certifications

HomePlug AV PowerLine Specification  
FCC Class B / CE Mark / HomePlug Certification

## Product Diagram

Ethernet Cable (RJ-45) ———  
Powerline ———



**Order Information**

**PLI-3211:** 200Mbps Powerline 4-Port Switch

**Package Contents**

PLI-3211

RJ-45 Ethernet LAN Cable

Quick Installation Guide

CD Manual / Utility