level one

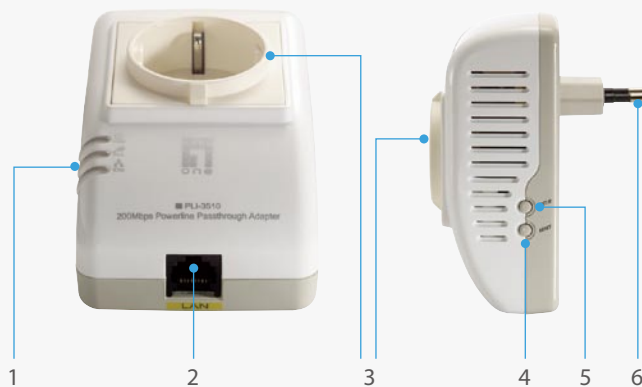# 200Mbps Powerline Adapter with Mains Pass-Through

PLI-3510

H/W Version: 1

The LevelOne PLI-3510 Powerline Pass-Through Adapter is a high-definition cost-effective Ethernet adapter which allows home and office users to build-up a speedy data network over the exiting electrical wiring. It is ideal for users who have different workgroups located in different parts of the home or office.

The LevelOne PLI-3510 supports 128-bit AES encryption which protects the Powerline communication from attacks and interferences. A power saving mode is implemented, and if there is no link activity on Ethernet port for a period, the adapter will automatically switch to "standby" mode and reduces the power consumption.

The LevelOne PLI-3510 is a fast, simple, and cost effective alternative to installing expensive Ethernet cables through your home or office. In addition, the PLI3510 is equipped with an AC Pass-Through power socket which ensures that no electrical outlet will get lost by using the adapter.

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

1   2   3   4   5   6

Key Features

- Complies with IEEE 802.3, 802.3u and HomePlug AV1.0 Standard
- Speed: 200Mbps transmission rate
- Uses existing electrical wiring system
- Secured 128-bit AES encryption for enhanced network protection
- Supports IGMP managed multicast IP transmission
- Supports hardware security button
- Extra power outlet with noise filter (max. 16Ampere)
- Cost-effective Ethernet solution without wiring expenses
- Supports LevelOne Green Technology

Works Well With

PLI-3410
200Mbps Powerline Adapter with Wireless Access Point

WBR-6601
150Mbps Wireless ADSL2+ Modem Router

Technical Specification

Standard Compliance

IEEE 802.3 10BaseT
IEEE 802.3u 100BaseTX
HomePlug AV 1.0

Hardware Specification

Interface

One RJ-45 Ports (10/100Base-T Ethernet)

Security

128-bit AES Link Encryption

Software

Configuration tool for Windows 98, 2000, XP, Vista, Win 7

Data Transfer Rate

200Mbps over Powerline and 10/100Mbps Over Ethernet

Modulation Schemes

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

Frequency Band

2 ~ 30 Mhz

Operation Distance

Estimated range of 300m in wall power lines

Physical Specification

Dimension (L x W x H)

115 x 67 x 29.5mm

LED

PWR - Power
PLC - Power Line Activity LED
ETH - LAN Link Activity LED

Power Input

100~240V/AC, 50~60Hz

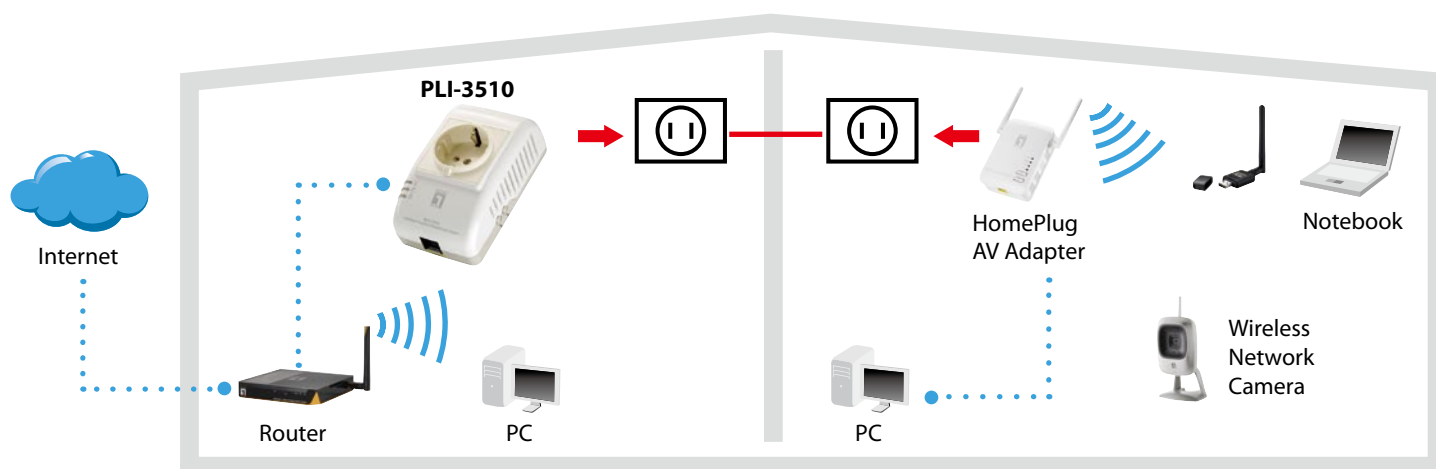**Temperature**

Operating: 0℃ ~ 40℃
Storage: -20℃ ~ 70℃

Humidity

Operating: 10~90% (Non-condensing)

Certifications

CE/FCC/ HomePlug Certification

Product Diagram

Order Information

PLI-3510: 200Mbps Powerline Adapter with Mains Pass-Through

Package Contents

PLI-3510
LAN Cable
Quick Installation Guide
CD Manual/QIG/Utility