



UPL5500-201/-201K

200Mbps Powerline Ethernet Adapter

Expand your network over existing power lines



FEATURES

- HomePlug AV 200Mbps compliance on the powerline
- Co-existence with HomePlug1.0, 1.0 Turbo nodes
- Advanced 128-bit AES link encryption with Key Management for secure powerline communication
- Up to 300 meter distance between powerline nodes
- Bridge 10/100Mbps Ethernet and Powerline network
- Supports up to 16 client nodes on a single network
- Quick setup button to reset PLC to join network
- High speed and QoS for high definition video stream
- Simple Plug-&-Play installation to expand network
- Supports Windows based configuration utility, OS supported for Windows 2000 / XP / Vista.
- Design with 100~240VAC universal power rating
- Direct attached to the existing power outlets
- No wiring and cabling required
- 10/100Mbps Auto MDI/MDI-X support
- High speed internet access sharing
- Compact design plugs directly into power outlets

Package Contents

- One Powerline Ethernet Adapter
(Two for starter Kit Package)
- User Manual / Utility CD-ROM
- Network RJ-45 Cable

OVERVIEW

The EUSSO UPL5500-201/201K Powerline Ethernet adapter provides up to 200Mbps bandwidth over the AC wiring, so it is an idea solution to extend your network by using existing electrical power lines in your home or office. It's a simple Plug-and-Play device that can be direct attached to the power outlets on the wall. There is no need for additional wiring and cables to install this powerline device; therefore, it can save money and time to build or create a network easier.

The UPL5500-201/201K is an adapter that can be used to bridge any Ethernet device to your powerline network. The powerline network can be connected to your existing Ethernet which is constructed from router, wireless devices and switches. .

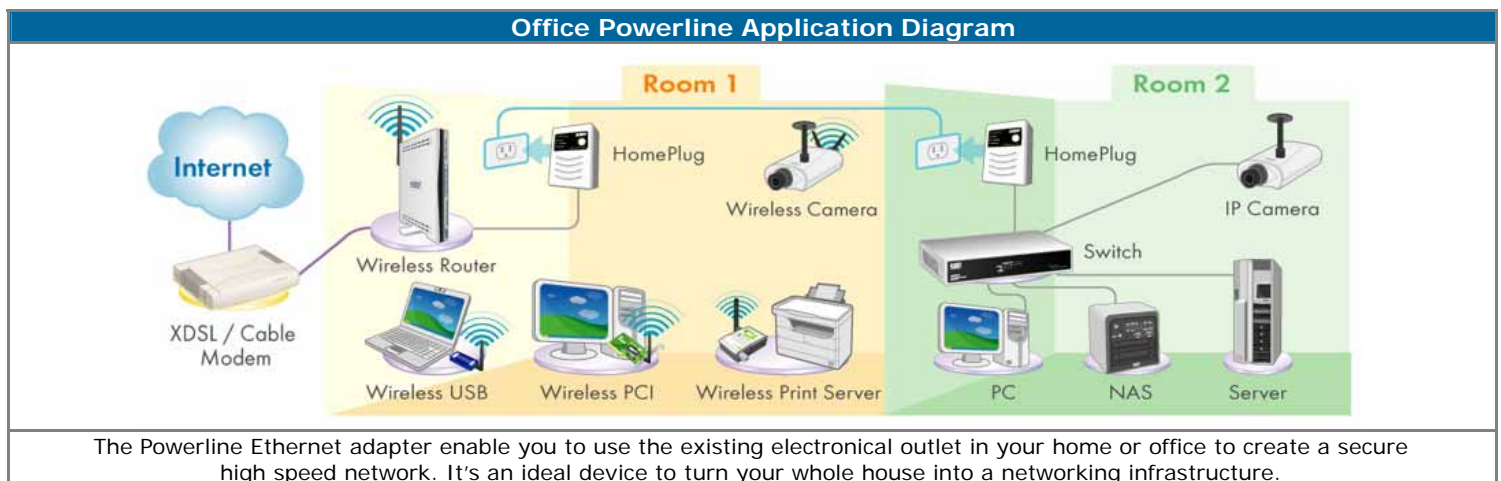
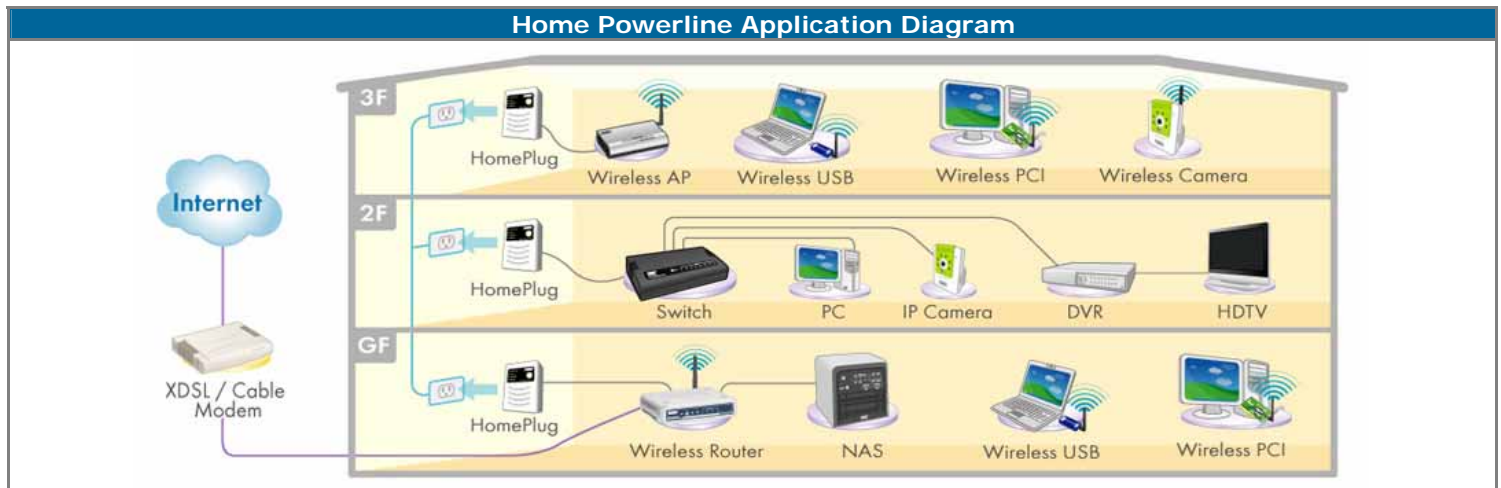
With 128-bit AES Link encryption with Key management support, UPL5500-201 provides the advanced data security technology for securing your connection to help keep your data safe from intruders through the powerline network you build or create at home or office. You can connect to internet from any room through the network over existing power lines without worry of security holes or hackers to exploit. It also supports QoS for high quality and high speed internet access.

UPL5500-201 provides a plug-and-play installation with no new wire, and no driver required. Just plug the powerline adapter into the wall, and connect your Ethernet devices to the adapter, then you can have network infrastructure anywhere in the house or office immediately.

SPECIFICATIONS

Powerline Specifications	
Standards	HomePlug AV 200Mbps Powerline Compliant; IEEE802.3, IEEE802.3u, IEEE802.3x
Chipset	Intellon
Data Rate	Powerline: Up to 200Mbps ; Ethernet: 10/100Mbps RJ-45
Security	128-bit AES Link Encryption with Key management
Frequency Band	2MHz ~ 30MHz
Modulation	OFDM, QAM,8/64/256/1024, QPSK, BPSK, ROBO
Power Consumption	4.2 watts (max.)
Cable Connection	UTP/STP Category 3, 4, 5 or better
LED Indicators	Power, Powerline, Ethernet
Power	100 ~ 240VAC, Universal
Dimension	102 (W) x 75 (H) x 34 (D) mm (without plug)
Weight	135g
Environment	Operating Temperature: 0°C to 40°C; Operating Humidity: 10% ~ 90% (Non Condensing)
Compliant	CE Mark Class B, FCC Class B, VCCI ITE, RoHS Compliant

APPLICATION DIAGRAM



The Powerline Ethernet adapter enable you to use the existing electrical outlet in your home or office to create a secure high speed network. It's an ideal device to turn your whole house into a networking infrastructure.

ORDERING INFORMATIONS

Model	Description
UPL5500-201	200Mbps Powerline Ethernet Adapter (Single Package)
UPL5500-201K	200Mbps Powerline Ethernet Adapter Starter Kit (A Pair Package)

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EUSSO Technologies, Inc. is a dedicated data communication and networking company. With professional experiences in design, production, marketing and service support, we deliver the full range networking products including Gigabit Ethernet, Fiber Optic, Wireless LAN, Switches, Hubs, LAN cards, PCMCIA adapters, Converter, Transceivers. As well as Internet Telephony Gateway, Print Servers, Internet Sharing Servers and many others.



EUSSO Technologies, Inc.

6F, No.389, Sec.2, Chung Shan Road, Chung Ho City, Taipei 235-58, Taiwan

TEL:+886 (2) 8221-4616 E-mail:sales@eusso.com

FAX:+886 (2) 8221-4607 http://www.eusso.com