



## UPL5500-202A / 202AK

### 200Mbps Powerline Ethernet Adapter

Expand your network over existing powerlines



#### FEATURES

- Up to 200Mbps data rate over existing electrical line
- Up to range of 200 meter long transmission distance
- Fully compliant with Homeplug AV standard
- Supports IEEE802.3/802.3u Ethernet standard
- Bridge 10/100Mbps Ethernet and powerline network
- Enhanced 128-bit AES encryption network security
- Integrated enhanced Quality of Service (QoS)
- Supports IGMP managed multicast IP transmit
- Simple Plug-&-Play installation to expand network
- Supports Windows based configuration utility
- Flexible MAC for in-home and access network
- Design with 100~240VAC universal power rating
- Supports OFDM, QAM 1024/256/64/16/8, QPSK, BPSK, and ROBO modulation schemes
- Direct attached to the existing power outlets
- Efficient management of neighbor networks
- No wiring and cabling required
- 10/100Mbps Auto MDI/MDI-X support

#### Package Contents

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

#### OVERVIEW

The EUSSO UPL5500-202A/202AK Powerline Ethernet adapter is built-in Intellon 200Mbps HomePlug AV chipset and it provides up to 200Mbps bandwidth over the AC wiring, so it is an idea solution to extend your network by using existing electrical power line 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 environment easier.

The UPL5500-202A/202AK 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. .It can auto detect the other powerline bridges which are plugged in the same power circuit.

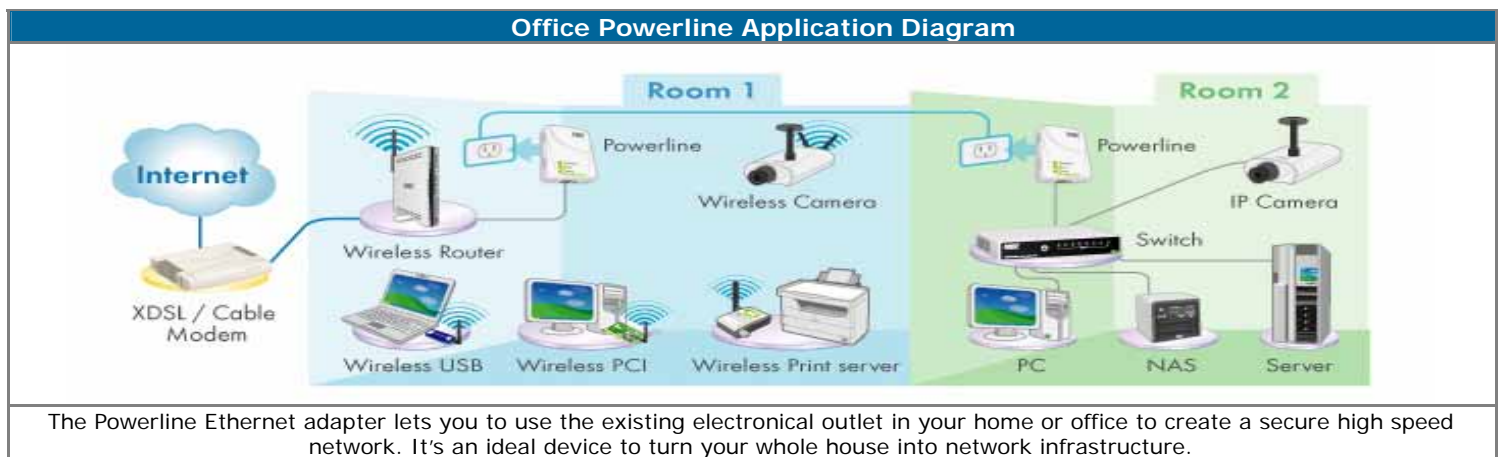
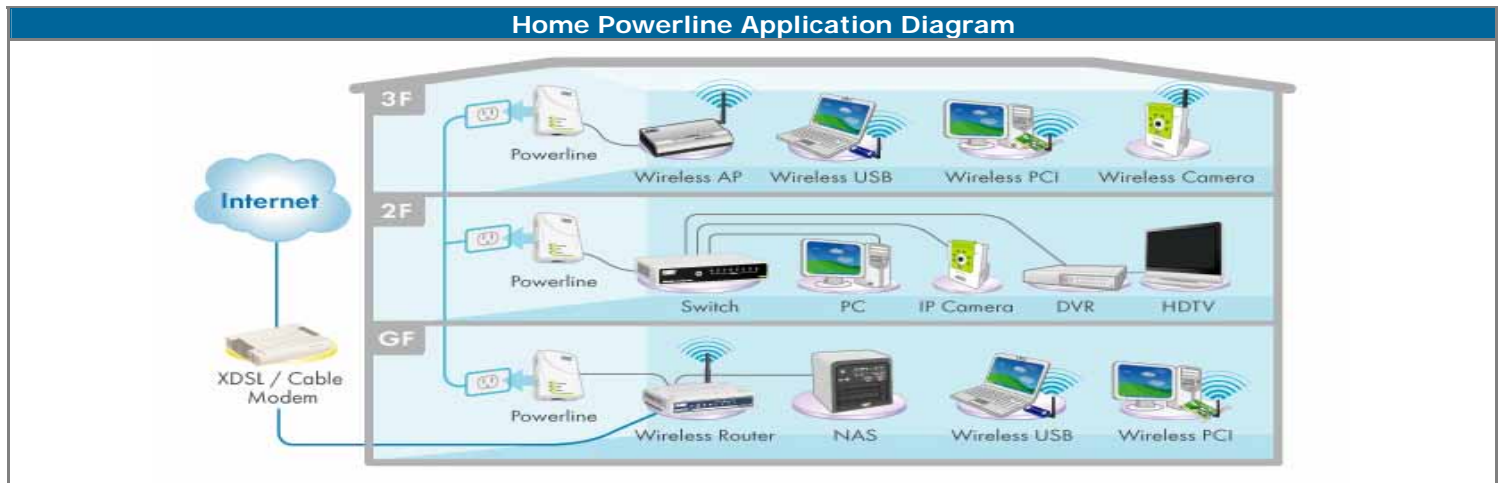
With 128-bit AES encryption, UPL5500-202A/202AK provides the advanced data security technology for securing your connection to help keep your data safe from intruders through the powerline network you build or create at home or office. You can connect to internet from any room through the network over existing power lines without worry of security holes or hackers to exploit.

UPL5500-202A/202AK provides configuration utility for Windows OS enable the user to find Powerline Ethernet devices on the Powerline network; measures data rate performance, ensures privacy, performs diagnostics and secures Powerline networks.

## SPECIFICATIONS

Powerline Specifications	
Standards	HomePlug AV, IEEE802.3, IEEE802.3u
Chipset	Intellon Chipset
Data Rate	Powerline : Up to Turbo 200Mbps high speeds ; Ethernet : 10/100Mbps RJ-45
Security	128-bit Mixed AES Encryption
Frequency Band	2MHz ~ 28MHz
Modulation	OFDM, QAM 1024/256/64/16/8, QPSK, BPSK, ROBO
Cable Connection	UTP/STP Category 3, 4, 5 or better
LED Indicators	Powerline, Link, Power
Power	100 ~ 240VAC Switching Power
Dimension	96 ( W ) x 73 ( H ) x 33 ( D ) mm ( without plug )
Weight	135g
Environment	Operating Temperature : 0°C to 40°C; Operating Humidity : 10% ~ 90% R/H (max)
Compliant	CE, FCC, LVD, RoHS

## APPLICATION DIAGRAM



The Powerline Ethernet adapter lets 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 network infrastructure.

## ORDERING INFORMATIONS

Model	Description
UPL5500-202A	200Mbps Powerline Ethernet Adapter ( Single Package )
UPL5500-202AK	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.*



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