UPL5500-200/-200K

200Mbps Powerline Ethernet Adapter

Expand your network over existing powerlines

200 Mbps	300m Distance	QoS Supports	Security	Plug & Play	MDI MDI-X	Auto Speed
Powerline	IEEE 802.3u	IEEE 802.3	Ethernet	Mini Size		

FEATURES

- Up to 200Mbps data rate over existing electrical line
- Up to 300 meter long transmission distance
- Bridge 10/100Mbps Ethernet and powerline network
- Supports enhanced 3DES(168 bit) with multi-key encryption network security
- Simple Plug-&-Play installation to expand network
- Supports Windows based configuration utility
- Flexible MAC for in-home and access network
- Remote software upgrade and SNMP support
- Design with 100~230VAC universal power rating
- QoS support with 8 priority levels that helps prioritize internet traffic
- Direct attached to the existing power outlets
- Multicast support for IPTV and video streaming application
- Efficient management of neighbor networks
- No wiring and cabling required
- 10/100Mbps Auto MDI/MDI-X support
- High speed internet access sharing

Package Contents

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

OVERVIEW

The EUSSO UPL5500-200/200K 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 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 easier.

The UPL5500-200/200K 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 3DES (158bit) encryption with multi-key support, UPL5500-200 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 with 8 priority levels for high quality and high speed internet access.

UPL5500-200 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.
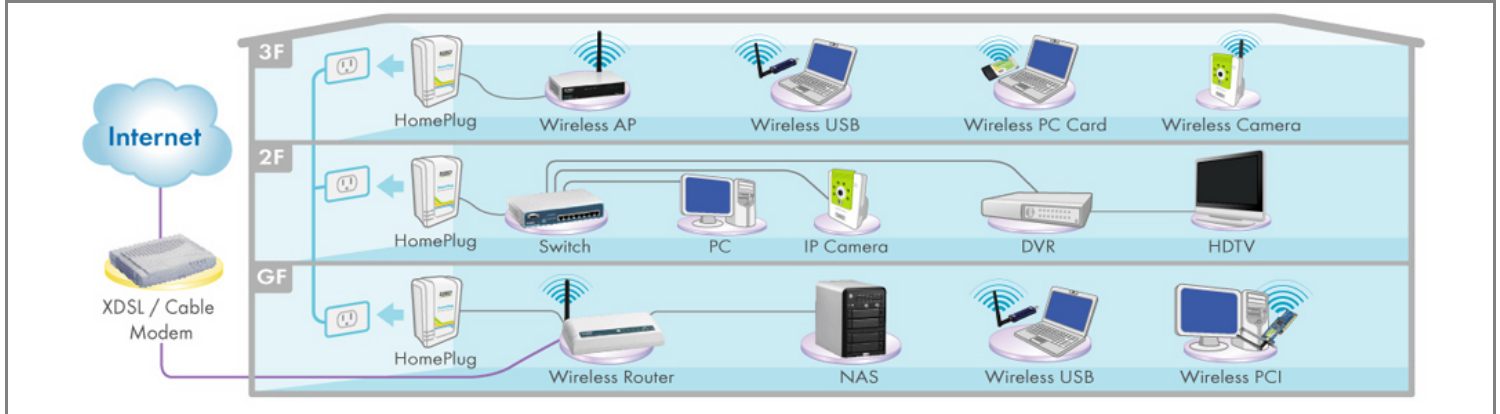
Powerline Specifications

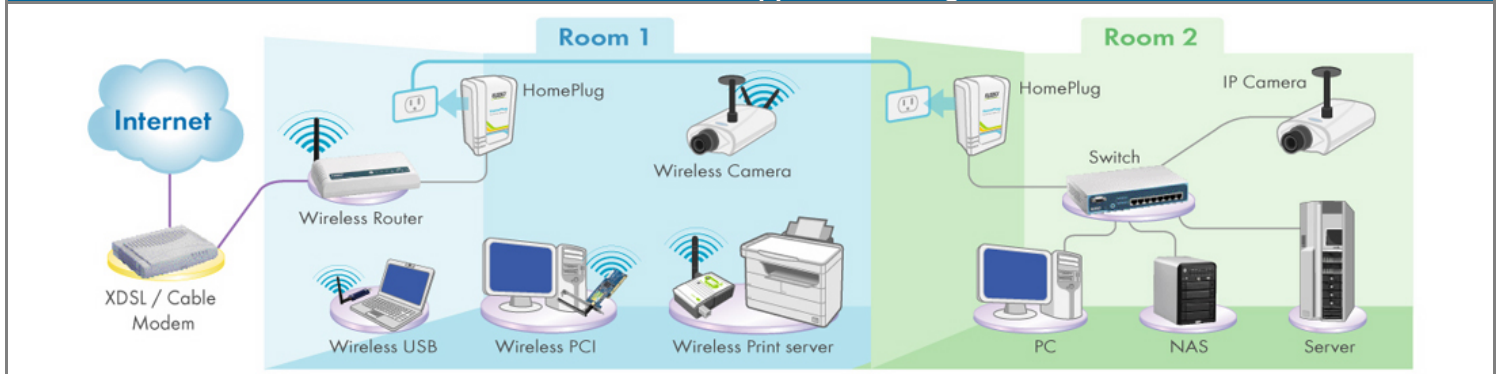|	
Standards	Powerline; IEEE802.3, IEEE802.3u, IEEE802.3x
Chipset	DS2
Data Rate	Powerline: Up to 200Mbps ; Ethernet: 10/100Mbps RJ-45
Security	168-bit Mixed DES/3DES Encription
Frequency Band	2MHz ~ 34MHz
Modulation	OFDM, QAM,16/64/256/1024 DBPSK, ROBO
Power Consumption	4.29 watts (max.)
Cable Connection	UTP/STP Category 3, 4, 5 or better
LED Indicators	Power, Power Link/ACT, Ethernet Link/ACT
Power	100 ~ 230VAC, Universal
Dimension	100 (W) x 66 (H) x 42 (D) mm (without plug)
Weight	191g
Environment	Operating Temperature: 0^oC to 40^oC; Operating Humidity: 10% ~ 90% (Non Condensing)
Compliant	CE Mark (Europe), RoHS Compliant

APPLICATION DIAGRAM

Home Powerline Application Diagram

Office Powerline Application Diagram

The Powerline Ethernet adapter lets you to use the existing electronical 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
UPL5500-200	200Mbps Powerline Ethernet Adapter (Single Package)
UPL5500-200K	200Mbps Powerline Ethernet Adapter Starter Kit (A Pair Package)