



## HL125G- 4-PORT HOMEPLUG AV 500Mbps

### The Ultimate Heart of Your Entertainment Network

Imagine a HomePlug AV powerline device with four Gigabit ports for ultra-fast connection. The HomePlug becomes a supreme network station where all your important media streaming activity is. This ultra-fast powerline network performs as the ultimate heart of your entertainment network, enabling you to access, surf, chat and connect to anyone and any media across the Internet and between your devices.

Such integrated connectivity is achieved without any drilling, wiring or running extra cable around your home. It is simple, fuss-free and versatile. The HomePlug AV 500Mbps 4-port Gigabit connects your media player, Internet-enabled TV, NAS or game console.

### Performance and Convenience in HomePlug AV 500Mbps

With fast powerline speed of 500Mbps, Aztech HL125G offers the best performance of its range, enabling gigabit fast streaming of high bandwidth-demand.

### Simple and Fuss-free Set-up

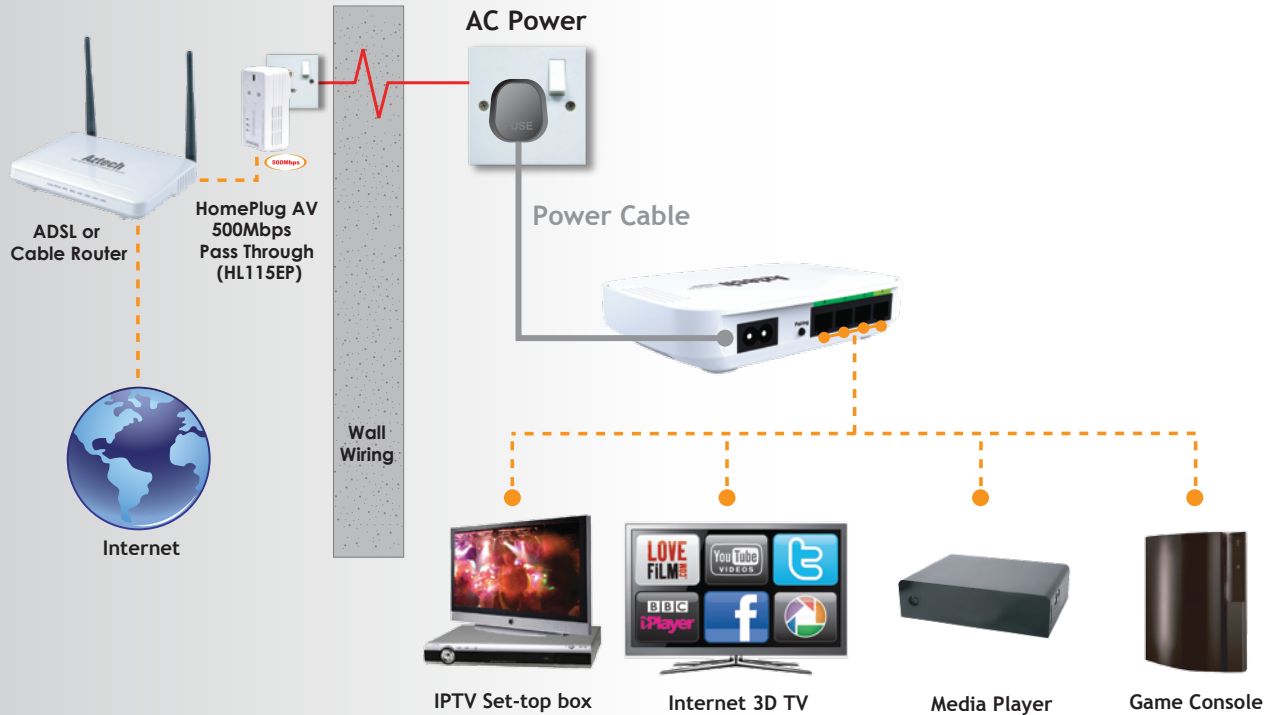
No configuration or software is required to pair Aztech HL125G. The HomePlug AV 500Mbps Pass Through pairs with a simple touch of a button. The "Simple Connect" button doubles as a security feature supported with 128-bit AES encryption.

\*Actual data through put will vary. Network conditions and environmental factors, including volume of network traffic, building material and construction, and network overhead, lower actual data throughput rate.

[www.aztech.com](http://www.aztech.com)

## Features

- Connection to 4 devices
- Gigabit wired connection
- "Simple Connect" for easy pairing
- Energy-saving features
- Plug and Play



## Specifications

|                          |  |   |  |
|--------------------------|--|---|--|
| Protocol/Standards       | IEEE 1901 and HomePlug® AV 500Mbps/200Mbps compliant                                 |   |  |
|                          | Co-exists with existing 14Mbps HomePlug 1.0 and 85Mbps Turbo HomePlug 1.0            |   |  |
|                          | IEEE 802.3 10/100/1000 Ethernet  | IEEE 802.3az Energy Efficient Ethernet (EEE) standardm  | AutoMDI/MDIX Support   |
| Platform                 | OS Independent with TCP/IP protocol installed  |   |  |
| Modulation               | OFDM 4096/1024/256/64/16/8-QAM, QPSK, BPSK and ROBO Modulation Scheme                |   |  |
| Frequency Band           | 2MHz to 68MHz band   |   |  |
| Quality of Service (QoS) | TDMA channel access with Contention-Free and Contention-Based (CSMA/CA) period       | Channel Adaptation ensures that signal integrity is maintained even under harsh noise environment | Four Level prioritized random access method based on contention access and multi-segment |
|                          | Hardware VLAN, ToS and CoS Packet Classifier and IP Port Number                      |   |  |
|                          | Supports IGMP managed multicast session  | Quasi Error Free Delivery for IPTV service  |  |
| Security                 | Utilize Windows 98SE, 2000, ME, XP 32bit, Vista 32bit, Window 7 to enable encryption |   |  |
| Hardware                 | Atheros AR7400 + AR8327 chipset  |   |  |
| Power Supply             | Switch Mode 100V-240V AC-DC Supply   |   |  |
| LED Indicators           | 1 x Bicolor Power LED  | 1 x Bicolor Powerline Link/Activity Status LED  | 4 x Bicolor Ethernet Link/Activity Status LED  |
| External Connectors      | 1 x Electrical 100V-240VAC C-8 Power Jack  | 4 x RJ45 Gigabit Ethernet Port (AutoMDI/MDI-X)  |  |
| Push Button              | 1 x Simple Connect Push Button (Set up network password automatically)               | 1 x Factory Default Reset Button  |  |
| Dimension                | 146mm X 102mm X 28mm   |   |  |
| Weight                   | 200g / unit  |   |  |
| Power Consumption        | 7 Watt (Operating)   | 5 Watt ( Home Plug off)   |  |
| Environmental            | Operating : 0°C to 40°C; 30% to 80% Relative Humidity                                |   | Non-operating : -25°C to 70°C; 30% to 95% Relative Humidity                              |