

## AV500 Mini Powerline Adapter with AC Passthrough Starter Kit

Model: 7HP500



### Introduction:

Our home is ready with wired network itself, why need to add new wires or drilling?

7HP500 is one of the easiest ways to create an integrated network using your existing electrical wiring. You can turn your home's electrical wiring into a high speed and secure network. Additionally, the convenient design makes it easy to place without losing the use of your power outlet.

### Plug&Play

Since adapters are paired already when out of factory, users no need to do any configuration, things will work with real Plug & Play. Just simply plug powerline adapter into a power socket and we can establish networking infrastructure in a flash.

### Fast

With speed up to 500Mbps, this easy-to-setup solution can provide fast streaming HD movies, online multiplayer games, and other data intensive activities for today's HD Entertainment Center demand.

### Secure

7HP500 is guaranteed with 128-bit AES encryption for network security and data protection.

### Extra outlet provided

7HP500 has an additional integrated power outlet, offers an additional device or power bar to be connected to the adapter as though it were a normal wall socket. So there is no power outlet will waste.

### Green Power-Saving Mode

When there is no data transmission between, 7HP500's all lights will be off and automatically switch to "Power-Saving Mode".

### Features:

1. IEEE802.3, IEEE802.3u, IEEE802.3x and HomePlug AV standards.
2. Easy Plug and Play operation, No configuration required.
3. Data transmission rate up to 500Mbps, up to 300 meters range, ready for Full HD HD or 3D video streaming and online gaming
4. Offers an additional device or power bar to be connected to the adapter.
5. Wide power range, AC 100-240V, 50/60Hz
6. Built-in QoS assures the quality of bandwidth sensitive applications
7. Built-in 128-bit AES encryption assures data security

### Specification:

|                     |   |
|---------------------|---|
| Chipset             | QCA Atheros 7420+1540   |
| Interface           | 1x10/100mbps Ethernet   |
|                     | 1xPower outlet integrated   |
| Indicator           | Power, Ethernet, Data   |
| Button              | Reset/Security Button   |
| Plug                | EU/US/UK  |
| Powerline           | IEEE1901 Backward Compatible with Homeplug AV   |
| Ethernet            | IEEE802.3 10Base-T Ethernet, IEEE802.3u 100Base-TX Fast   |
| Protocol Support    | TCP/IP, IGMP, CSMA/CA, QOS  |
| Encryption          | AES 128-bit   |
| Power Supply Unit   | 100v-240v AC  |
| Power consumption   | <3Watt(Normal) ; <1 Watt(Power Save Mode)   |
| Power Save          | Compliance with EuP   |
| Size                | L: 113x W: 53x D:33 mm  |
| Weight              | 110g  |
| Frequency           | 2-68MHz   |
| Modulation          | OFDM (1024/256/64/16-QAM,QPSK,BPSK and ROBO)  |
| PHY Speed           | 500 Mbps  |
| Distance            | 300Meters   |
| Package Contents    | Passthrough powerline   |
|                     | Ethernet Cable  |
|                     | Resource CD   |
| System Requirements | Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 7, Windows 8,   |
| Environment         | Operating Temperature: 0~40 °C (32 °F~104°F)<br>Storage Temperature: -20~70 °C (-4 °F~158°F)<br>Operating Humidity: 10%~90% non-condensing;<br>Storage Humidity: 5%~90% |