AV600 Powerline Wi-Fi Extender

Instant Wi-Fi & Wired Network Everywhere

TL-WPA4220

HomePlug AV 600Mbps

300Mbps Wi-Fi

Wi-Fi Auto-Sync
Highlights

Simple Setup with Wi-Fi Clone

Copy your wireless network name (SSID) and password from your router instantly by pressing the Wi-Fi Clone button.

Settings in Sync with Wi-Fi Move

Any changes made to network settings will be automatically applied across the entire network.
Highlights

600Mbps over Powerline

HomePlug AV standard providing up to 600Mbps high speed data transmission over a home’s existing electrical wiring, ideal for lag-free HD or 3D video streaming and online gaming.

300Mbps Wi-Fi

Extend 300Mbps wireless connections to previously hard-to-reach areas of your home and office.
Features

**Speed**
- **Wireless N Standard** – Wi-Fi speed of up to 300Mbps
- **HomePlug AV** – Provides up to 600Mbps high-speed data transmission over a home’s existing electrical wiring
- **Multiple Ethernet Ports** – Create faster connections with PCs, consoles, STB and more
- **Speed Optimization** – Supports IGMP managed multicast IP transmission, optimizing IPTV streaming

**Ease of Use**
- **Wi-Fi Clone** – Allows powerline extenders to copy the network name (SSID) and password from your router with one simple touch
- **Wi-Fi Move** – Automatically adopts Wi-Fi settings from your existing powerline network
- **TP-Link tpPLC** – Allows you to easily manage your network using the intuitive tpPLC App or the tpPLC Utility
- **Plug, Pair and Play** – Set up your powerline network in minutes

**Range**
- **300 meters Range** – Up to 300 meters/1000 feet range over existing electrical wiring

**Security**
- **Pair Button** – Provides a connection with 128-bit AES encryption, at the touch of “Pair” button
- **Parental Controls** – Manage when and how connected devices can access the internet
- **Encryptions for Secure Network** – WPA-PSK/WPA2-PSK encryptions provide active protection against security threats
Specifications

Hardware

- Transmission Speeds:
  - Powerline: up to 600 Mbps
  - Ethernet: 10/100 Mbps
- Standards and Protocols:
  - HomePlug AV, IEEE 1901, IEEE 802.3, IEEE 802.3u, IEEE 802.11b/g/n
- Interface: 2 Ethernet Ports
- Plug Type: UK
- Button: Pair, Reset, Wi-Fi Clone
- LED Indicator: Power, Powerline, Ethernet, Wi-Fi
- Dimensions (W x D x H): 3.7 × 2.1 × 1.6 in. (94 × 54 × 40 mm)
- IGMP: IGMP v1/v2/v3
- Power Consumption: Maximum: 5.6W, Typical: 5.2W
- Range: Up to 300 meters/1000 feet over existing electrical wiring
- Compatibility:
  - Compatible with all HomePlug AV & AV2 standard powerline adapters

Wi-Fi Clone Button
Ethernet Ports
Pair Button
Specifications

Software

- Modulation Technology: OFDM
- Security:
  Wireless: WPA-PSK / WPA2-PSK, WEP Encryptions
  Powerline: 128-bit AES Encryption
- Management Tools:
  tpPLC-Scan the QR code to download TP-Link tpPLC App

Or download new tpPLC Utility on PCs: www.tp-link.com.

Others

- Package Contents
  AV600 Powerline Wi-Fi Extender: TL-WPA4220
  Ethernet Cable
  Quick Installation Guide
- Certification
  CE, RoHS
- System Requirements
  Windows 10/8.1/8/7/Vista/XP, Mac OS, Linux
- System Requirements for tpPLC Utility
  Windows 10/8.1/8/7/Vista/XP and Mac OS X (10.7 or later)
- Environment
  Operating Temperature: 0°C~40°C (32°F~104°F)
  Storage Temperature: -40°C~70°C (-40°F~158°F)
  Operating Humidity: 10%~90% non-condensing
  Storage Humidity: 5%~90% non-condensing

For more information, please visit
or scan the QR code on the left.

* Listed AV and Wi-Fi speeds refer to the theoretical maximum physical-layer data transfer rate. Actual data speeds vary and are influenced by the home’s Wi-Fi/electrical/physical environment, and if adapters are placed on the same home circuit.

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