TP-LINK Debuts Next Generation Wi-Fi Powerline Extenders

300Mbps AV200 and AV500 Wi-Fi Powerline Extenders make expanding a seemless wireless network easier and more convenient than ever

(Las Vegas, Nevada) – January 8, 2013 -TP-LINK, a global provider of networking products, today announced its new 300Mbps AV200 and AV500 Wireless N Powerline Extenders, the TL-WPA2220 and TL-WPA4220 respectively. The latest in TP-LINK's increasingly extensive Powerline device portfolio, these devices will allow users to expand their wireless and Powerline networks for robust network connectivity around a home or office with impressive wired Powerline and 802.11n wireless speeds.

The TL-WPA2220 and TL-WPA4220 extend a network connection to every room within a home's electrical circuitry. Devices in the room have two options to access the network through the Wi-Fi PLCs, either wirelessly or using an Ethernet cable, making wired and wireless network expansions easier than ever. With 200Mbps/500Mbps Powerline and 300Mbps wireless data transfer rates, they are ideal for bandwidth intensive or latency sensitive applications like video streaming, online gaming and Internet calls.

TP-LINK's 300Mbps AV200 and AV500 Wi-Fi Powerline Extenders will be shown at CES from January 8-11, 2013 Las Vegas Convention Center South Hall 4-Upper Level, Booth 36212

Hy-Fi Technology

What makes these devices truly stand out, however is their use of the latest in Hy-Fi technology, giving users the ability to pair the devices at the touch of a button and in-so-doing, copy the existing wireless credentials of the host device, using its AP Clone feature. What this means is that when a user has paired their devices using AP Clone, they will technically be roaming across several different wireless networks around their home or office, but due to the networks sharing the same access credentials, there is no need to manually jump from one network to the other, the user's client device recognizes the new network as the same as the one they just left creating a ubiquitous "super network" of paired devices only limited by the number of Wi-Fi Powerline Extenders connected to the network.

Estimated Product Availability: Q2 2013

Features

- Use several TL-WPA2220/TL-WPA4220s to easily establish several wireless networks using the same network information providing seamless home or office-wide roaming coverage

- HomePlug AV standard providing up to 500/300Mbps high speed data transmission over a home's existing electrical wiring, ideal for lag-free HD or 3D video streaming and online gaming

- Extend 300Mbps Wireless connections to previously hard-to-reach areas of your home and office

- Mains Filter for better powerline communication performance

- Up to 300-meter range over the household power circuit

- Easy-to-install, just plug in, pair and play

- Easily connect and secure your network with push button security ("Pair" button, "WPS" button)

- Supports IGMP managed multicast IP transmission, optimizing IPTV streaming

Specifications

TL-WPA2220/ TL-WPA4220 Specifications	
HARDWARE FEATURES	
Standards and Protocols	HomePlug AV, IEEE802.3, IEEE802.3u, IEEE802.11b/g/n
Interface	2*10/100Mbps EthernetPort
Plug Type	EU, UK
Button	Pair, WIFI (WPS), Reset
LED Indicator	PWR, PLC, ETH, WIFI
Dimensions (W x D x H)	3.7 x 2.1 x 1.6 in. (94×54×40mm)
Power Consumption	<6W

TL-WPA2220/ TL-WPA4220 Specifications

HARDWARE FEATURES	
Range	300 Meters over electrical circuit
SOFTWARE FEATURES	
Modulation Technology	OFDM (PLC)
Encryption	Powerline Security: 128-bit AES Wireless Security: WEP, WPA/WPA2, WPA-PSK/WPA2-PSK Encryption
OTHERS	
Certification	CE, FCC, RoHS
Package Contents	Powerline Ethernet Adapter 6.5 ft. (2 m) Ethernet cable (RJ45) Resource CD Quick Installation Guide
System Requirements	Windows 2000/XP/2003/Vista, Windows 7/8, Mac, Linux
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

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About TP-LINK

TP-LINK is a global provider of SOHO and SMB networking products and is the world's number one provider of WLAN and Broadband CPE devices. Our products are available in over 120 countries to tens of millions of customers. Committed to intensive R&D, efficient production and strict quality management, TP-LINK continues to provide award-winning networking products in Wireless, ADSL, Routers, Switches, IP Cameras, Powerline Adapters, Print Servers, Media Converters and Network Adapters for global end-users. Visit us at http://www.tp-link.com/en/.

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