

HL109RN 200Mbps Homeplug™ AV 802.11n Router/Extender



- Built-in 200Mbps Homeplug AV for reliable powerline content transfer
- Wider wireless coverage with 802.11n
- Flexibility for content sharing with 4-port router

HL109RN

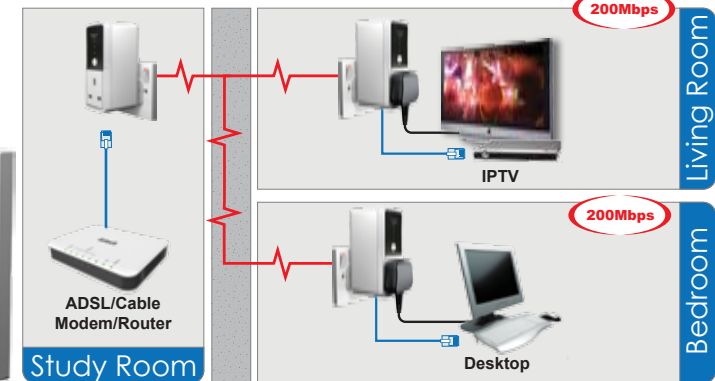
200 Mbps
Up to 200Mbps over powerline

WIRELESS N
300Mbps
5X Faster Than 802.11g

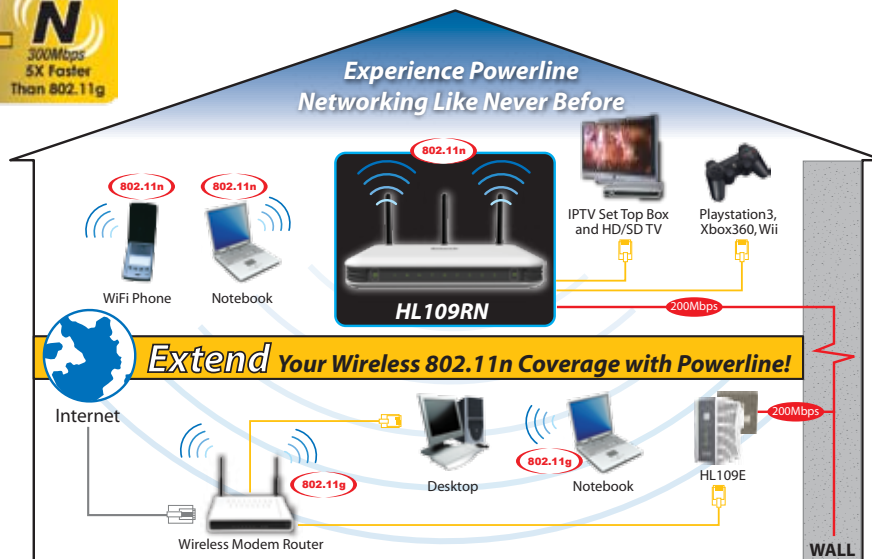
HL109EP 200Mbps Homeplug™ AV Ethernet Adaptor with AC Pass Through



HL109EP



Experience Powerline Networking Like Never Before



Extend Your Wireless 802.11n Coverage with Powerline!

How Aztech HomePlug™ Benefit Me

- Built-in AC Pass Through with Noise Filter & Circuit Breaker
- Automated Security with "Simple Connect" - Automatically generates a unique password for pairing HomePlug in a fuss-free way, all done without the use of computer
- Up to 200Mbps data rate - perfect for streaming HD IPTV, Video-on-demand, IP cam, VoIP Telephony and high speed broadband connectivity.
- Dedicated Quality of Service (QoS) for Triple Play applications - guarantees interference-free transmission of Data, Video and Voice applications.

Your Easiest, Fastest Internet Cable-Free Solution

HomePlug™



Model	HL105E	HL105EW	HL109E	HL109EP	HL109RN
Description	85Mbps Homeplug™ Turbo Ethernet Adaptor	85Mbps Homeplug™ Turbo Wireless Adaptor	200Mbps Homeplug™ AV Ethernet Adaptor with "Simple Connect"	200Mbps Homeplug™ AV Ethernet Adaptor with AC Pass Through	200Mbps HomePlug™ AV Wireless 802.11n Router/Extender
Standards	Powerline: Homeplug™ Turbo Ethernet: IEEE 802.3, Auto MDI/X	Powerline: Homeplug™ Turbo Ethernet: IEEE 802.3, Auto MDI/X Wireless: IEEE 802.11b/g	Powerline: Homeplug™ AV Ethernet: IEEE 802.3, Auto MDI/X	Powerline: Homeplug™ AV Ethernet: IEEE 802.3, Auto MDI/X	Powerline: Homeplug™ AV Ethernet: IEEE 802.3, Auto MDI/X Wireless: Wireless-Draft N 2.0
Protocols	CSMA/CA	CSMA/CA	CSMA/CA & TDMA	CSMA/CA & TDMA	CSMA/CA & TDMA
Data Transfer Rate	85Mbps over powerline	85Mbps over powerline 54Mbps over wireless	200Mbps over powerline	200Mbps over powerline	200Mbps over powerline 300Mbps over wireless
Modulation	Powerline: OFDM Symbol Modulation, DQPSK, DBPSK, ROBO Carrier Modulation	Powerline: OFDM Symbol Modulation, DQPSK, DBPSK, ROBO Carrier Modulation Wireless: DSSS (802.11b), OFDM (802.11g)	Powerline: OFDM Symbol Modulation, DQPSK, DBPSK, ROBO Carrier Modulation	Powerline: OFDM Symbol Modulation, DQPSK, DBPSK, ROBO Carrier Modulation	Powerline: OFDM Symbol Modulation, DQPSK, DBPSK, ROBO Carrier Modulation Wireless: DSSS (802.11b), OFDM (802.11g)
Range	Powerline: 200m point-to-point	Powerline: 200m point-to-point Wireless: 100m coverage	Powerline: 200m point-to-point	Powerline: 200m point-to-point	Powerline: 200m point-to-point Wireless: 300m coverage
Security	Powerline: 56-bit DES Encryption	Powerline: 56-bit DES Encryption Wireless: WEP, WPA	Powerline: 128-bit DES Encryption	Powerline: 128-bit DES Encryption	Powerline: 128-bit DES Encryption Wireless: WEP, WPA, WPA2
Indicator LEDs	Power Powerline Link/Activity Ethernet Link/Activity	Power Powerline Link/Activity Ethernet Link/Activity Wireless Link/Activity	Power Multicolour Powerline Link/Activity Ethernet Link/Activity	Power Multicolour Powerline Link/Activity Ethernet Link/Activity	Power Multicolour Powerline Link/Activity 4x Ethernet Link/Activity Wireless Link/Activity "Simple Connect" USB, WPS, WAN
External Interfaces	10/100Base-T LAN Port	10/100Base-T LAN Port	10/100Base-T LAN Port "Simple Connect" Button	10/100Base-T LAN Port "Simple Connect" Button	10/100Base-T LAN Port x 04 "Simple Connect" Button 10/100Base-T WAN Port Power Input, USB Host Port Reset Button, WPS Button
Dimensions	90(H) x 68(W) X 34(D) mm	90(H) x 68(W) X 34(D) mm	85(H) x 46(W) X 63(D) mm	125(H) x 52.5(W) X 65(D) mm	30(H) x 200(W) X 125(D) mm
Weight	140g	190g	190g	210g	400g
Power Consumption	4.5W, 0.06A	6.5W, 0.1A	4.5W, 0.08A	4.5W, 0.08A	20W, 1.67A
Temperature	Operating: 0 to 40 degrees Celsius Non-operating: -25 to 70 degrees Celsius				
Environment	Non-condensing: 30% to 80% Humidity				
Operating Systems	Windows® XP, Windows® Vista, etc				
Others	Web-based Configuration				