



200Mbps HomePlug AV Ethernet Adaptor with AC Pass Through

Smallest in the world

The quintessential 200Mbps HomePlug AV is now available in a sophisticated and stylish solution that is also eco-friendly for the entertainment home. Aztech HL110EP - 200Mbps HomePlug AV Ethernet Adapter with AC Pass Through, solves the common problem of wasting a power socket when a HomePlug is used. What's as good as the convenience is that HL110EP comes in a slimmer design smaller than any other powerline adapter with AC Pass Through in the world.

Eco-friendly and energy saving

The innovative Aztech HL110EP packs two advantages in its handy design. When an Ethernet device connected to HL110EP is shut down, the eco-friendly HomePlug detects the shutdown mode and switches to energy saving mode, saving up to 80% energy consumption.

Dedicated Quality of Service (QoS)

QoS provides the guaranteed bandwidth reservations for streaming IPTV, game consoles and other Ethernet-ready devices. HL110EP is built with 128-bit AES encryption, ensuring that the network is secured from eavesdroppers and hackers. Auto MDI/MDIX functionality also simplifies and ensures a hassle-free installation.

"Simple Connect" for easy pairing in seconds

"Simple Connect" button allows users to pair more than two HomePlugs together.

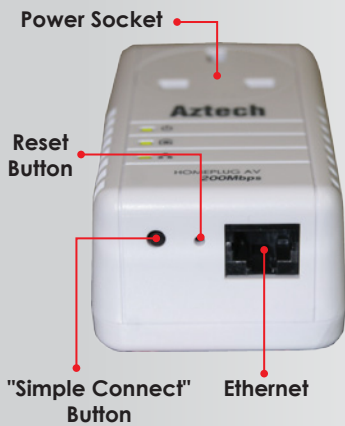


REDUCED SIZE!
SMALLEST
HomePlug with AC Pass Through

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

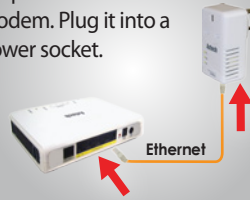
www.aztech.com

Plug & Play in Seconds



Step 1

Connect the first HomePlug adapter to an ADSL or cable modem. Plug it into a power socket.



Step 2

Plug the second HomePlug adapter into a power socket.



Step 3

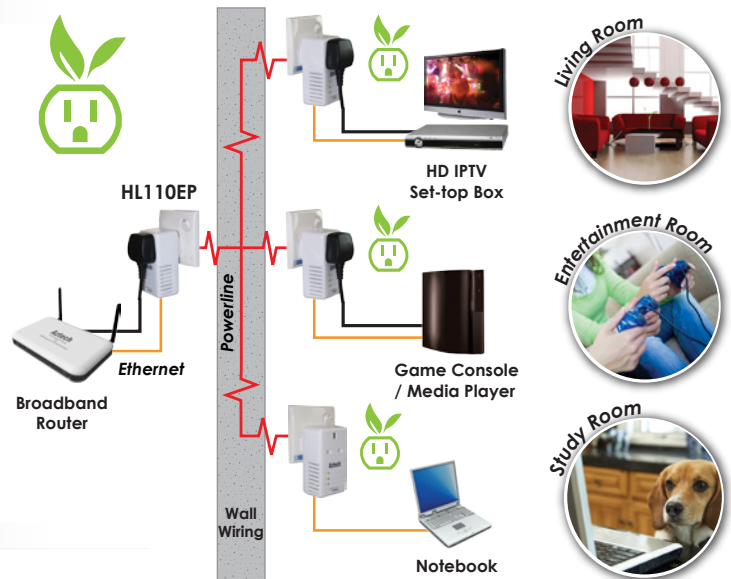
Connect the second HomePlug adapter to your HD IPTV Box/PC/Mac/Gaming console/IP camera.



Features

- Stylish and slimmest HomePlug with AC Pass Through
- Turn powerline into an ultra-fast and stable network without messy cabling
- Stream HD media and enjoy latency-free gaming at 200Mbps[^] via powerline
- Use "Simple Connect" security feature for easy pairing
- Dedicated QoS for Triple Play applications

Easy Setup - No Messy Cables



Specifications

Protocol/Standards	HomePlug AV specification, IEEE 802.3 10/100 Ethernet (100Mbps), IEEE 802.3u Fast Ethernet		10/100 Mbps AutoMDI/MDIX	
	Co-exists with existing 14Mbps HomePlug 1.0 and 85Mbps Turbo HomePlug 1.0		Compliant to EuP Lot 6	
Chipset	Intellon INT6400 + INT1400			
Platform	OS Independent with TCP/IP protocol installed			
Modulation	OFDM 1024/256/64/16/8 QAM, QPSK, BPSK & ROBO Modulation Scheme			
Frequency Band	2MHz to 30MHz band			
Quality of Service (QoS)	TDMA channel access with Contention-Free, Contention-Based (CSMA/CA) period		Channel Adaptation ensures signal integrity is maintained even under harsh noise environment	
	Four Level prioritized random access method based on contention access and multi-segment		ToS and CoS Packet Classifier	
	IGMP managed multicast session			
Security	Utilise Windows 98SE, 2000, ME, XP 32bit, Vista 32bit, Window 7 to enable encryption			
Noise Filtering	Good filtering at frequency band 2MHz to 30MHz		Filter characteristics : -25dB to -45dB	
AC Pass Through Socket	Current Rating: 13A max (GBR), 16A max (FRA/GER)			
Power Supply	Switch Mode 100V-240V Supply for Europe/UK/US/Australia plugs			
LED Indicators	1 x Power LED	1 x Powerline Link / Activity Status LED	1 x Ethernet Link / Activity Status LED	
External Connectors	1 x Electrical Power plugs	1 x RJ45 for 10/100 Ethernet (AutoMDI/MDI-X)	1 x AC Pass-Throu Power Socket	1 x Fuse holder for GBR version
Push Button	1 x Simple Connect Push Button		1 x Factory Default Reset Button	
Dimension	105mm (H) x 58mm (W) x 40mm (D)			
Weight	190g / unit			
Power Consumption	3.0W			
Environmental	Operating : 0°C to 40°C; 30% to 80% Relative Humidity		Non-operating : -25°C to 70°C; 30% to 95% Relative Humidity	