



**HomePlug
Certification**

The HomePlug mark has become an important industry validation of reliability, interoperability, and ease-of-use. *More than 340 HomePlug certified products* have been released.

Consumers look for the HomePlug certification mark on powerline networking products.

**HomePlug Sponsor
Member Companies:**



With HomePlug technology, the electrical wires in your home can now distribute broadband Internet, 4k Ultra HD video, digital music and smart home applications.

“Simply Connect” with HomePlug networking

HomePlug Overview

HomePlug technologies and products are the preferred choice for powerline communications networking...

- ...delivering proven, reliable and interoperable technologies to millions.
- ...converging high speed broadband home multimedia connectivity with emerging smart energy.
- ...driving the connected home with next-generation powerline technology and hybrid networks.

Today, over 200 million HomePlug™ products from a variety of manufacturers are in the market being used to deliver data, video, voice and audio over electrical wiring. HomePlug AV high-speed technology is interoperable with and forms the basis for IEEE 1901, HomePlug AV2 and HomePlug Green PHY.

Increasingly, HomePlug technology is being embedded within a wide variety of connected home products such as IPTV set-top boxes, enabling a new level of flexibility and ease of use for digital entertainment.

The HomePlug Experience

Hundreds of consumer products from a variety of manufacturers are HomePlug Certified. For years, consumers have been using HomePlug technology to enjoy the connectivity and speed needed for even the most demanding applications – *even when far from the broadband router!*

HomePlug products are the perfect solution for a person with a second or third TV, set-top-box or game console that does not get the speed it needs for HD video streaming, online gaming or even basic internet browsing.

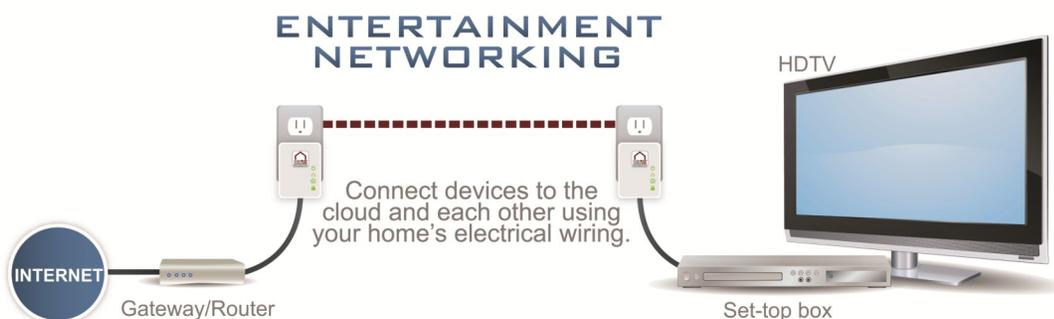
HomePlug AV and AV2 turn every power outlet in the home into an Ethernet port, providing a wired speed connection to any Ethernet-capable device. For example, for uninterrupted video streaming, simply plug in a HomePlug adapter and connect it to the broadband router, and then plug in a second adapter and connect it to a smart TV or set-top-box. *It's that simple to extend a wired connection to any device in the home.*

HomePlug AV technology is well-established with a variety of products available in retail stores worldwide. Plus, HomePlug AV adapters are already being *deployed by over 30 service providers globally* to improve whole-home multimedia distribution.

Next Generation

The HomePlug Alliance is continuing to innovate on the success of HomePlug AV to deliver even better performance at higher speeds.

HomePlug AV2 Certified products are available globally for next-generation powerline networking. HomePlug AV2 supports multiple streams of 4k Ultra HD video, broadband access and services. Best of all, *HomePlug AV2 technology is fully interoperable with HomePlug AV*, which is of key importance to consumers, retailers and service providers alike.





**IPTV / STREAMING
HD VIDEO**



ONLINE GAMING



SMART APPLIANCES



ELECTRIC VEHICLES



PC CONNECTIVITY



HOME SECURITY

Smart Home and Smart Grid Connectivity

HomePlug Green PHY™ is HomePlug’s low cost, low resource technology to drive emerging applications such as smart appliances, electric vehicle communications and home automation & control applications. As a point of validation, Audi, BMW, Daimler, Ford, GM, Porsche and Volkswagen have selected Green PHY for communications between electric vehicles and charging stations. Green PHY is fully interoperable with HomePlug AV & AV2.

For outside-the-home smart grid to smart meter connectivity, HomePlug also enables Netricity™ powerline communications, based on the IEEE 1901.2 powerline standard.

Hybrid Networking using Wired & Wireless

HomePlug AV and AV2 integrate with Wi-Fi to increase reliable, wired connectivity and boost or extend Wi-Fi signals. Hybrid routers and HomePlug/Wi-Fi wireless range extenders are already using existing electrical wiring to enhance Wi-Fi range and strength in homes around the world.

To standardize the networking interface for hybrid networks, HomePlug supports nVoy Certification. nVoy Certified products implement the IEEE 1905.1 standard to provide ease-of-use, streamlined installation and management of hybrid networks including HomePlug, Wi-Fi, Ethernet and MoCA (coax) connectivity. nVoy technology enables service providers, product manufacturers and retailers to leverage the most popular technologies to promote a new level of flexible home networking. More information can be found at www.nVoy.org.

Join the HomePlug Alliance

Industry-leading companies — consisting of world-leading silicon manufacturers, utilities, consumer electronics companies and OEM/ODMs — are working together to bring powerline networking to the world. Members of the HomePlug Alliance collaborate to create open technology specifications that accelerate the market for cost-effective, easy-to-use powerline solutions. We invite you to join us!

Is your company just getting started? HomePlug now offers an entry-level, discounted first year of Adopter membership for companies with annual revenues <\$1 million. Inquire at membership@homeplug.org.

Membership Benefit		PARTICIPANT	ADOPTER
		\$15,000/yr	\$5,000/yr
		<i>Special offer for first year of membership</i>	
		\$9,500 for first year	\$3,500 for first year
Technical	- Access to pre-released/approved specifications.	✓	
	- Contribute to the development of HomePlug specifications and standards.	✓	
	- Participate in pre-certification testing events (Plugfests).	✓	
	- Influence technology for interoperability for Smart Energy & Multimedia connectivity.	✓	
	- Guaranteed RAND licensing to necessary powerline technology.	✓	✓
	- Free access to HomePlug Specifications such as HomePlug AV, AV2 & Green PHY™.	✓	✓
	- Access to HomePlug Certification testing to validate the quality of your products.	✓	✓
Marketing	- Opportunities to represent your company and HomePlug in technical speaking engagements.	✓	
	- Company logo included on HomePlug website, collateral and event signage.	✓	
	- Listing of your company name on the HomePlug website.	✓	✓
	- Company/Product mentions in select HomePlug Press Releases.	✓	✓
Organizational	- Access to Certification Logo & Certified Product listing in HomePlug web catalog.	✓	✓
	- Be part of the movement towards wired + wireless (HomePlug + Wi-Fi) integration.	✓	✓
	- Participate in HomePlug Marketing Working Group and Activities.	✓	✓
	- Participate in HomePlug Technical Working Groups such as HomePlug AV & Green PHY.	✓	
	- Access to member meetings and conferences.	✓	✓
	- Access to Members Only email lists, documents, certification information, specifications, etc.	✓	✓