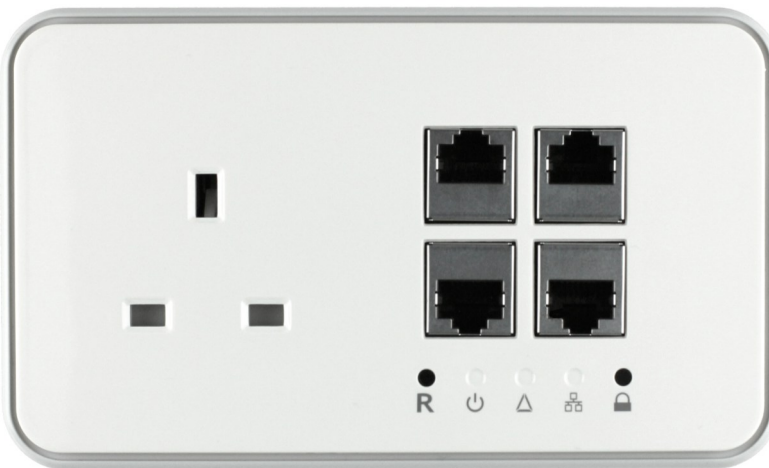




In today's lifestyle, with families owning so many Internet enabled devices, such as PCs, set-top boxes, game consoles, Blu-ray players and even the latest TVs, the need to have Internet access throughout the home has become a requirement. The high speed and reliable network capable of delivering High Definition digital entertainment and environmental content around the home has come of age.

The Power Ethernet socket requires no new wiring and is an elegant, simple and cost-effective way to create a home network without the need for expensive cabling or unsightly plug-in adapters.

Installing two or more Power Ethernet sockets instantly creates a high speed secure network using the existing mains wiring available throughout the building. Its unique design incorporates all of the electronics inside the wall socket.



The Power Ethernet socket is British Standard, two-gang in size and easy for any electrician to install.

Simply replace a power socket with a Power Ethernet socket and a fast, reliable Internet network will be available everywhere needed without any rewiring.

Now connecting Internet devices to the home network is as simple and easy as plugging them into the mains.

Benefits

- Simple cost effective networking solution
- No new wiring needed — use existing mains cables
- Easy to install without clutter or disruption
- Fast, reliable Internet access everywhere in the building
- Eliminates the cost of “making good”
- Reduce hardware costs as all Power Ethernet sockets mesh together to form a single switched network
- Helps eliminate coverage black spots

Supported Standards

- Ethernet across a meshed network at up to 200Mbps (gross)
- Range up to 300m between Power Ethernet sockets over the mains cables
- Connect the broadband router to share Internet access
- Fast enough to stream High Definition (HD) video
- Compatible with the HomePlug AV standard and supports Windows, Mac, Linux and all operating systems with a Ethernet port (RJ45)
- Supports tagged VLANs, TOS Bits and QoS
- Built-in AES 128 bit security
- Support for TV over IP (IPTV), Voice Over IP (VoIP) and Ethernet CCTV cameras
- Fits a standard UK two-gang 35 mm deep metal back box
- And of course power

Two or more Power Ethernet sockets (or HomePlug AV compatible devices) are required to create a network. The power outlets must be electrically connected sharing the same power phase in order for Powerline devices to provide a network connection between them.