

PLC

500M HomePlug AV | Filtered Outlet

PG-9031

HomePlug® AV Ethernet Adapter



The PowerGrid 9031, 500Mbps HomePlug® AV Ethernet Adaptor, provides high quality data transmission for high-speed networking. It allows users connect PCs, modems, game boxes and routers via power line in your home, eliminating the need for extra wiring. Installation in a home (or small office) is quick and easy as the PowerGrid 9031 comes complete with plug and play technology.

PowerGrid 9031 can achieve 500 Mbps peak PHY rates for whole-home High-Definition video streaming and advanced CPE application. Such high speed transmission can support on-demand video, on-line gaming, multimedia downloading or other broadband uses. Sharing peripherals such as DVs, printers, scanners and digital cameras is also supported. Additionally, the PowerGrid 9031 features advanced encryption algorithms to safeguard your network integrity.

FEATURES

High Speed Data Transmission

Speeds of up to 500Mbps to support broadband applications such as video, gaming, digital music, file sharing, and Internet browsing in the home.

No Extra Wires Needed

Homeowners can extend their local area network without the hassle of installing extra wiring since every home has its own power line network already in place.

Plug & Play

Quick and easy connections with embedded plug and play. To extend a network, simply plug a pair of adapters into any two power outlets. No configuration required!

Security

With advanced data encryption capability, the power line network is safe and secure.

More Outlets than Other Wired Solutions

On average, there are 45 power outlets in a home. This compares with only 3-5 cable or phone outlets. This makes it much more convenient to extend a network over power lines.

Eliminates Dead Spots

Unlike wireless, Powerline technology can cover in excess of 99% of the home.

Access to Peripherals

Sharing peripherals such as DVs, printers, scanners and digital cameras couldn't be easier.

Female Power Socket with AC Filter

Extend a network without losing a single power outlet since every unit has a female socket with AC filter that prevents line interference and noise from connected equipment degrading the PLC signal.

PowerGrid Series PG-9031

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SPECIFICATIONS

Interface

- RJ-45 X 1 for Ethernet connection

Ethernet

- IEEE 1901 and HomePlug AV PHY
- 10/100 BaseT auto-sense
- Support MDI/MDX

Modulations

- OFDM, QAM 1024/256/64/16, QPSK, BPSK, and ROBO modulation schemes

Data Rate

- Up to 500Mbps

Security

- AES128 bit encryption guarantees total data security

Networking Protocols

- 802.1D Ethernet Bridge
- 802.1Q VLAN
- IGMP(IPv4) Snooping & MLD(IPv6) Snooping

Power

- 110-240 VAC 50Hz/60Hz
- Filtered female outlet support up to 16A
- Power consumption max 2 W
- Auto power saving mode max 0.5 W

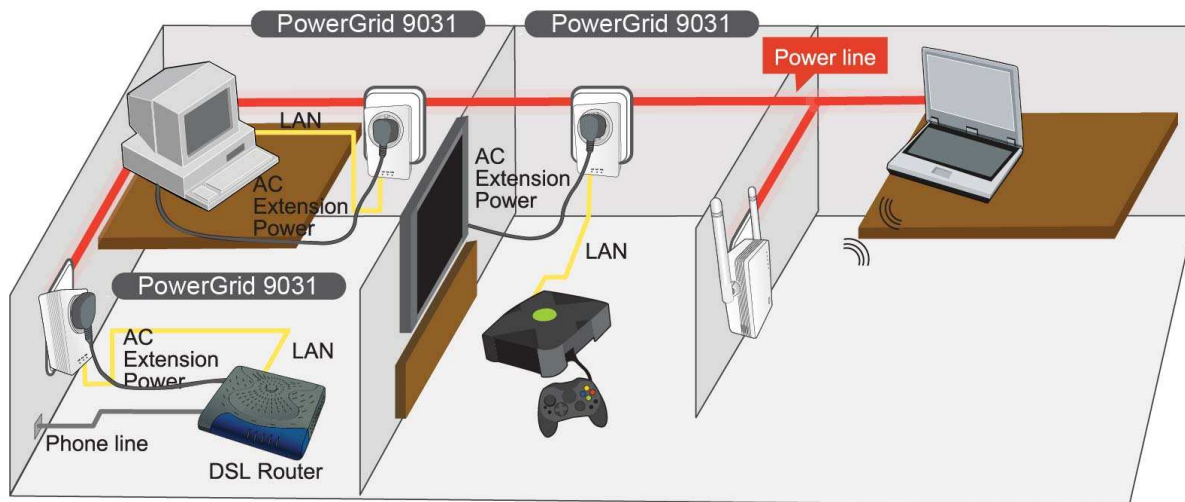
Environment Condition

- Operating temperature: 0 ~ 40 degrees Celsius
- Relative humidity: 8 ~ 95% (non-condensing)

Dimensions

- EU version: 57 mm (W) x 93 mm (H) x 35 mm(53 mm with plug)(D)

Note: Specifications are subject to change without notice



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