

PLC

200M UPA | Filtered Outlet

PowerGrid 9021 Powerline Ethernet Adapter



The PowerGrid 9021, UPA (Universal Powerline Association) DHS (Digital Home Standard) and OPERA broadband standard compliant Ethernet adapter, provides high quality data transmission for high-speed networking. It allows users to extend a local area network via existing power lines, which eliminates the need for extra wiring. Installation in a home (or small office) is quick and easy as the PowerGrid 9021 comes complete with plug and play technology.

FEATURES

High Speed Data Transmission

Speeds of up to 200Mbps 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.

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SPECIFICATIONS

Interface

- RJ-45 X 1 for Ethernet connection

Ethernet

- IEEE 802.3, IEEE 802.3u
- 10/100 BaseT auto-sense
- Support MDI/MDX

Modulations

- OFDM, 1536 Carriers; Flexible frequency configuration

Data Rate

- Up to 200Mbps

Management

- HTTP Web-based management; Firmware upgrade via TFTP
- TR-069 Supported (Optional)

Security

- Mixed DES/3DES and AES(128 bit, 256 bit) encryption guarantees total data security

Networking Protocols

- 802.1D Ethernet Bridge
- 802.1Q VLAN
- Quality of Service (QoS)
- IGMP(IPv4) Snooping & MLD(IPv6) Snooping

Power

- 110-240 VAC 50Hz/60Hz
- Filtered female outlet support up to 12A
- Power consumption max 4.2W
- Auto power saving mode max 1W

Environment Condition

- Operating temperature: 0 ~ 40 degrees Celsius
- Relative humidity: 10 ~ 90% (non-condensing)

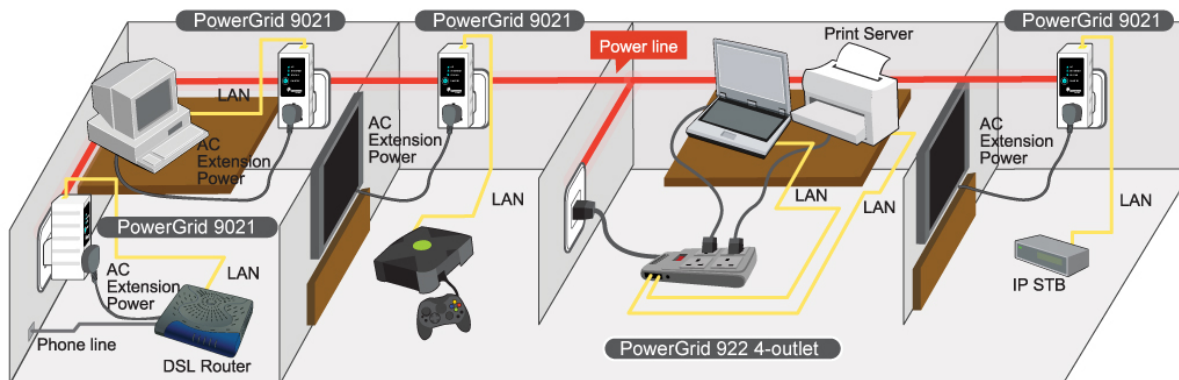
Dimensions

UK version: 50mm(W) X 124mm(H) X 61mm(89mm with plug)(D)

Certifications

CE

Note: Specifications are subject to change without notice



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