

# PLC+WIFI

500M HomePlug® AV | 802.11n WIFI Bridge

## PG-9132

# Ethernet + WIFI Adapter



The PowerGrid 9132, is a 500Mbps HomePlug® AV Ethernet Adaptor combining 802.11n (300M) Wireless for multimedia and data distribution to drive next generation any-wired home networking standards, including multiple HD, SD and 3DTV video streams, DVR networking and media center PCs.

PowerGrid 9132 can achieve 500 Mbps peak PHY rates for other applications including whole-home High-Definition video streaming and advanced CPE application. PowerGrid 9132 also provides the extension and bridging of higher speed wireless technologies such as 802.11x and UWB, and maximum 300Mbps data-rate broadband sharing based on technologies such as ADSL2 and fiber to the home. PowerGrid 9132 simply extends your WIFI range, allowing Internet access with powerful signal transmission.

## 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 two PLC adapters into any two power outlets.

### Simple and Expandable

Simply extend your WIFI range; devices (smart phone, tablet) and surf the web with powerful signal transmission anywhere in the home.

### 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

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

### Security

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

# PowerGrid Series PG-9132

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## SPECIFICATIONS

### Interface

- RJ-45 X 1 for Ethernet connection
- External WIFI Antenna X 2

### Ethernet

- 10/100 BaseT auto-sense
- Support MDI/MDX

### WLAN (WIFI)

- 802.11 b/g/n WLAN (2.4GHz)
- 11 Channels (US, Canada)/ 13 Channels (Europe)
- WEP/WPA/WPA2

### Modulations

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

### Data Rate

- Up to 500Mbps data rate by PLC transmission
- Up to 300Mbps data rate by WIFI transmission

### Security

- AES128 bit encryption guarantees total data security for PLC

### Networking Protocols

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

### Power

- 110-240 VAC 50Hz/60Hz

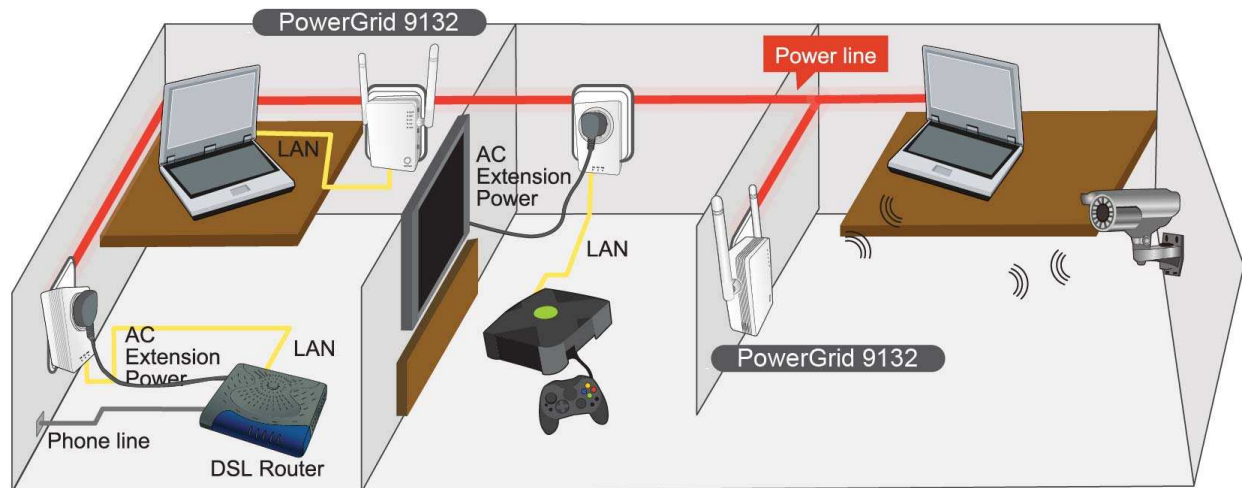
### Environment Condition

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

### Dimensions

- EU version: 59 mm (W) x 87 mm (H) x 30 mm(67.38 mm with plug)(D)

Note: Specifications are subject to change without notice



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