



HOMEPLUG Wireless Kit




 Powerline speed up to 500Mbps

 Wireless speed up to 300Mbps

GDI530
AV500 300Mbps Wireless
Powerline Adapter

GDI150
Mini Homeplug AV
Ethernet Adapter

 Powerline speed up to 500Mbps

Qualcomm Chip Solution

Allowing you and your family to enjoy a stable and smooth network live!

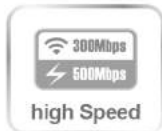
Powerline Av Wireless Kit

GDI530K

This GDI530K Kit units help you start a homeplug network and connect additional devices wirelessly to the internet. With this kit, you can add an extra wireless hotspot to any room in your house to connect extra devices wirelessly, ideal for areas with insufficient wireless coverage.

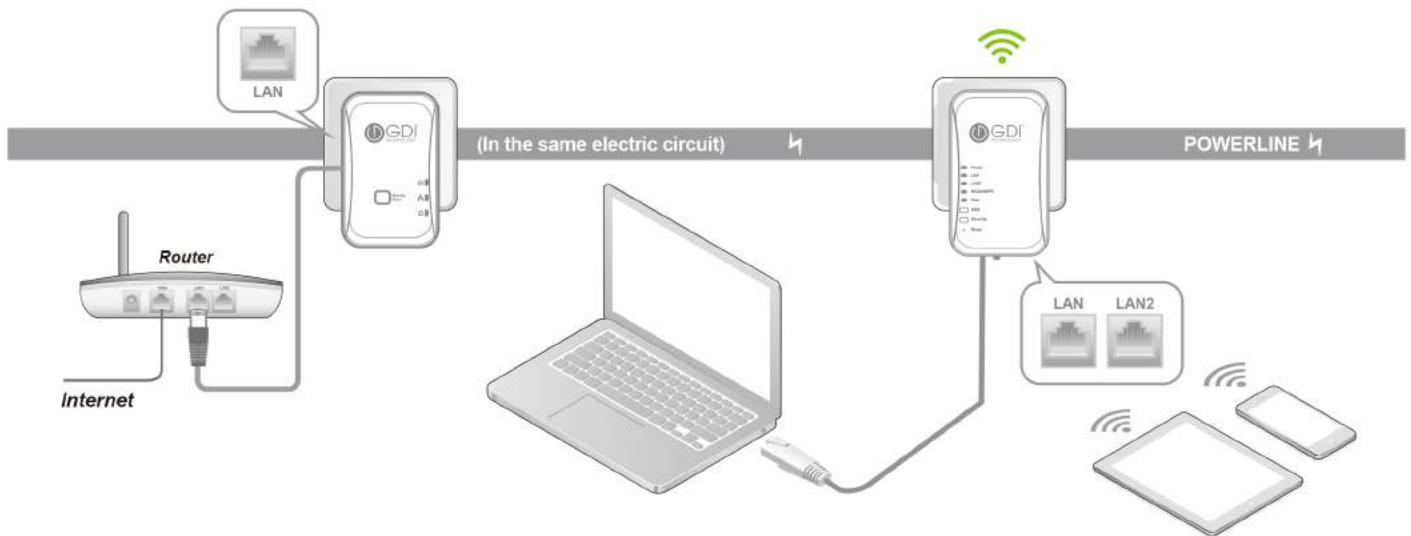
In addition, the two Fast Ethernet ports let you connect up to two devices per cable, ideal for devices that are not equipped for wireless Internet such as older generations of game consoles, Blu-ray players or desktop PCs.

GDI530K Kit is designed for PHY rate up to 500Mbps, and 300Mbps across wireless(802.11n). Both units are equipped with Atheros AR7420 chipset for powerline part, the wireless extender is up to 500 Mbps and Wireless N speeds up to 300 Mbps. This rapid transmission speed makes it ideal for bandwidth-intensive applications.

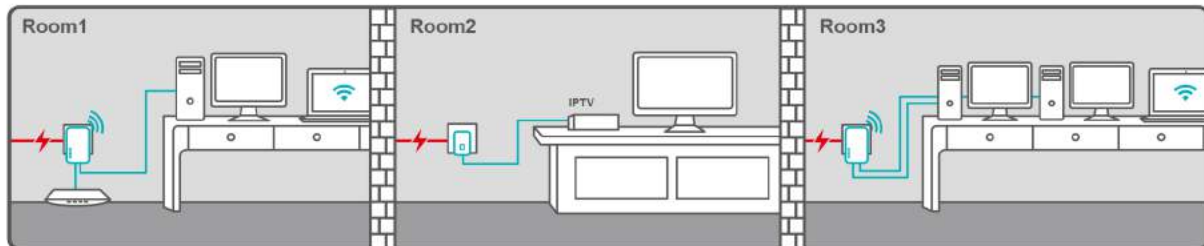


Product Features

- High Speed Efficient Transmission: Atheros chipset; 500Mbps Powerline; 300Mbps Wireless transmission
- Auto detect wireless signal around, avoid interference, select the best channel
- Support QAM 1024/256/64/16/8, QPSK, BPSK, and ROBO modulation schemes
- 128-bit AES Link Encryption with key management for secure power line communications
- Dynamic channel adaptation and channel estimation maximizes throughput in harsh channel conditions
- Energy-Saving Design With Low Power(1. Firmware Support sleep mode; 2. Support manual power off)
- Limit The Number Of Users (Maximum 32 wireless users per device)
- Support AP Isolation, Prevent the connected devices to access each other, guard each user's data security
- Domain Name Customization, Static/Dynamic IP access DHCP for domain name visit, no need to enter IP address
- Support Watchdog, MAC Address Filtering, Graphics Verification



Freely extend your network, no cabling



Applications

High Efficient Seamless Coverage with Low Cost

Additionally, the other GDI530 extend signal wirelessly with high speed transfers without the need for unsightly network cables. More GDI530 can be added to get more wireless range (Suggest maximum 7pcs extender can be added)



Physical Information

GDI530

Casing Color: White

Physical Dimensions:
L:102 x W:61 x D:45 mm

Unit weight: 120 grams

Antenna:
2xInternal antennas

External Connectors:
1 x Power Plug
2 x Ethernet LAN Port
1 x WPS Button
1 x Security Button
1 x Reset Button
1 x Power ON/OFF



GDI150

Casing Color: White

Physical Dimensions:
L:70 x W:56 x D:30 mm

Unit weight: 110 grams

LED Indicators:
Power, Ethernet, Data

External Connectors:
1 x Power Plug
1 x Ethernet LAN Port
1 x Button to press for an easy secure pairing between plugs and for a reset to return to initial configuration



Accessories:

1 x GDI530 Powerline wireless adapter 1 x GDI150 Powerline ethernet adaptor 2 x Ethernet cable 1 x User Manual

Technical Specifications

GDI530

HomePlug :

Standard: HomePlug AV

Chipset: AR7420

Transmission Speed: 500Mbps

Peak Throughput: 95Mbps UDP, 95Mbps TCP

Range: 300m

Modulation Scheme:

4096/1024/256/64/16/8-QAM, QPSK, BPSK and ROBO

Frequency: 2MHz~68MHz

Wireless Receiving Sensitivity: N/A

Wireless Output Power: N/A

Media Access: priority based CSMA/CA

Wireless :

Standard: IEEE 802.11b/g/n

Chipset: Atheros AR9533

Transmission Speed: 300Mbps

Range: 300m

Modulation Scheme:

11b: CCK, DQPSK, DBPSK

11g: 64 QAM, 16 QAM, QPSK, BPSK

11n: 64 QAM, 16 QAM, QPSK, BPSK

Frequency: 2.4GHz~2.484GHz

Wireless Receiving Sensitivity: 802.11n: -61dBm

Wireless Output Power: 17dBm

Media Access: CSMA/CA

Port/LED/Button :

WAN Port:

One RJ45 (IEEE 802.3 10/100Mbps), could be configured to LAN Port

LAN Port: One RJ45 (IEEE 802.3 10/100Mbps)

LED: Power, LAN1, LAN2, Data, WLAN

Button: Security, WPS, Reset, Power Switch(Optional)

Power Supply :

100~240 VAC, 50/60Hz

Power Socket :

EU, UK, US, CN, AUS

Power Consumption :

6.5W Operation

Environment Requirement :

Operating Temperature: 0° to 45° C

Storage Temperature: -40 ° to 70 ° C

Operating Humidity: 10% to 90% Non-condensing

Storage Humidity: 5% to 90% Non-Condensing

GDI150

Standards:

Powerline: HomePlug AV

Ethernet: IEEE 802.3 10/100 Auto MDI/MDIX

Energy Saving: EuP Compliance

Protocol: TCP/IP, IGMP, QoS CSMA/CA

Data Transfer rate: Up to 500Mbps over powerline

Transmission Range: Up to 300m over powerline

Frequency band: 2Mhz to 30Mhz

Security & Protection:

128-bit AES encryption (enabled with Simple Connect button)

Modulation Technology:

OFDM 1024/256/64/16/8 QAM, QPSK, BPSK and ROBO

Modulation Scheme

Power Consumption:

Normal: less than 3 Watt

Power save: less than 1 Watt Average

Operating System:

Windows 98SE/ME/2000/2003/XP/Vista, Windows7, Linux, Mac OS

Power Requirement: AC 100 ~240V, 50~60Hz

Temperature:

Operating: 0° to 40° Celsius

Non-Operating : -25° to 70° C

Humidity:

Operating: 10%~90%, Non-condensing

Non-Operating : 5%~90%, Non-condensing

NOTE: Specifications subject to change without prior notice.