IOGEAR®

GPLWEKIT

Powerline Wi-Fi Extender Kit

Eliminate troublesome Wi-Fi dead spots by simply plugging in our Powerline Wi-Fi Extender into an available power outlet

Wi-Fi Extender and Ethernet through Power Outlets

Creating an entire home network has never been easier with IOGEAR's Powerline Wireless Extender Kit. Powerline networking technology allows you to avoid the hassle of running Ethernet cables throughout your house or apartment by taking advantage of the electrical wiring that already exists within your home. Turn your home into a high-speed data network for your broadband devices.

Little Package - Big Results

Measuring a mere .98" (25mm) thick, 1.85" (47mm) wide and 2.56" (65mm) tall, the included Powerline Nano Ethernet Adapter is some of the smallest Powerline adapters available on the market and has been designed to be discreet. The adapter also features a matte finish that can be painted over to easily blend into your home décor. The Nano sized form factor allows for easy access to other power outlets.

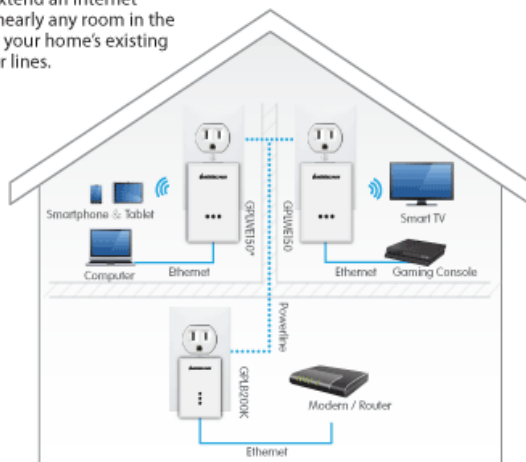## Hybrid Network Connectivity – The best of both worlds in a single package

Getting fast and reliable Internet coverage to every corner of your home can be difficult, even when using the latest Wi-Fi technology. IOGEAR's Powerline Wireless Extender Kit is designed to help eliminate these troublesome Wi-Fi dead spots by allowing you the freedom to create a Wi-Fi network anywhere in your home – all by simply plugging in our Powerline Wi-Fi Extender into an available power outlet. As an added benefit, our Powerline Wi-Fi Extender also has a built-in Ethernet port to connect any non-wireless networking device to your Powerline network, granting you the flexibility to customize your home's network to fit the needs of your Ethernet and Wi-Fi based devices.

- Creates and/or extends a high speed wired & wireless network using your home's existing power lines
- High-speed Wired data transfer rates of up to 200Mbps
- High-speed Wireless data transfer rates of up to 150Mbps

- Easy Auto Configuration - Single push button for an easy and secure connection to your Powerline network
- Supports WEP, WPA, WPA2, TKIP, and 128-bit AES encryption with key management
- Plug-N-Play installation - No software installation necessary
- IEEE1905.1 Compliant

How does it work?
IOGEAR's Powerline Wireless Extender Kit allows you to extend an Internet connection to nearly any room in the house by using your home's existing electrical power lines.

*Only one GPLWE150 is included in the Kit

Requirements

- **For Internet Access:**
- Cable or DSL Modem
- Router
- Subscription with an Internet Service Provider (ISP)
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- **For Powerline Network:**
- 2 Standard Power Outlets
- 2 or more Powerline adapters

Package Contents

- 1 x GPLB200K Powerline Nano Ethernet Bridge
- 1 x GPLWE150 Powerline Wireless Extender
- 2 x Ethernet Cables (5ft)
- 1 x Quick Start Guide
- 1 x Warranty Card

Specifications

Function	GPLWEKIT
Storage Temperature	Wired: -4~158ºF (-20~70ºC); Wireless: 14~158ºF (-10~70ºC)
Operating Temperature	Wired: 32~104ºF (0~40ºC); Wireless: 32~104ºF (0~40ºC)
Humidity	10-90% maximum (non-condensing)
Power	
Voltage	100~240V @ 50/60Hz internal
Housing	
Case	Plastic
Computer Interface	IEEE802.3, IEEE802.3u
Operating Range	Wired: Up to 300m; Wireless: Up to 100m indoor, up to 280m outdoor
Frequency Band	Wired: 2~28 MHz; Wireless: 2.4GHz~2.497GHz ISM Band, DSSS
Chipset	Qualcomm 6410
Connectors	
Cable	1 x RJ-45
Data Rate	Up to 200Mbps
LEDs	
10/100 Mbps	1 x Green LED
Link	1 x Multi-Color LED
Power On	1 x Green LED
PHY Data Rate	Wired: Up to 200Mbps; Wireless: Up to 150Mbps
Security	Wired: 128-bit AES Link Encryption with Key Management; Wireless: 64/128-bit TKIP, AES, WEP, WPA, WPA2
Network Interface	10/100 Base-T with RJ45 port (LAN)

Dimensions	GPLWEKIT
Unit Dimensions	
Height	GPLB200K: 2.625" (6.7cm), GPLWE150: 3.375" (8.6cm)
Depth	GPLB200K: 1.75" (4.4cm), GPLWE150: 1.187" (3.02cm)
Length	GPLB200K: 1.875" (4.8cm), GPLWE150: 2.125" (5.4cm)
Inner Pack	
Width	6.25" (15.9cm)
Height	7.5" (19.05cm)
Length	10" (25.4cm)
Inner Pack Qty.	3
Unit Package Dimensions	
Width	6.875" (17.5cm)
Height	6" (15.2cm)
Depth	3.25" (8.2cm)
Master Carton	
Width	10.5" (26.7cm)
Height	16" (40.6cm)
Depth	13" (33.02cm)
Master Carton Qty.	12
Weight	
Master Carton Wt.	13.05lb (5.92kg)
Inner Pack Wt.	2.95lb (1.34kg)
Unit Pack Wt.	0.85lb (0.4kg)
Unit Wt.	GPLB200K: 0.1lb (0.06kg), GPLWE150: 0.2lb (0.08kg)