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# HomeMesh™ G.hn WF-802G Family

## Product Datasheet

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VERSION 3.0

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*Partnership for the Next Generation Broadband CPE*

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## ■ Overview

WF-802G product family is composed of two distinct products designed to extend network connectivity at home using G.hn (wave 2) technology. G.hn is a technology based on ITU-T G.9960 and G.9961 standards that provides high-speed connectivity over different types of home wiring (e.g., coaxial cable and power line).

WF-802G can provide 200MHz bandwidth and up to 2Gbps traffic throughput in your home. You can stream full HD/4K videos to your devices. You also can enjoy the high speed online gaming, even VR games.

WF-802G is very easy to install, just input a pair of devices into the power plug mount, and press the pairing button. You can complete all of these in few minutes.

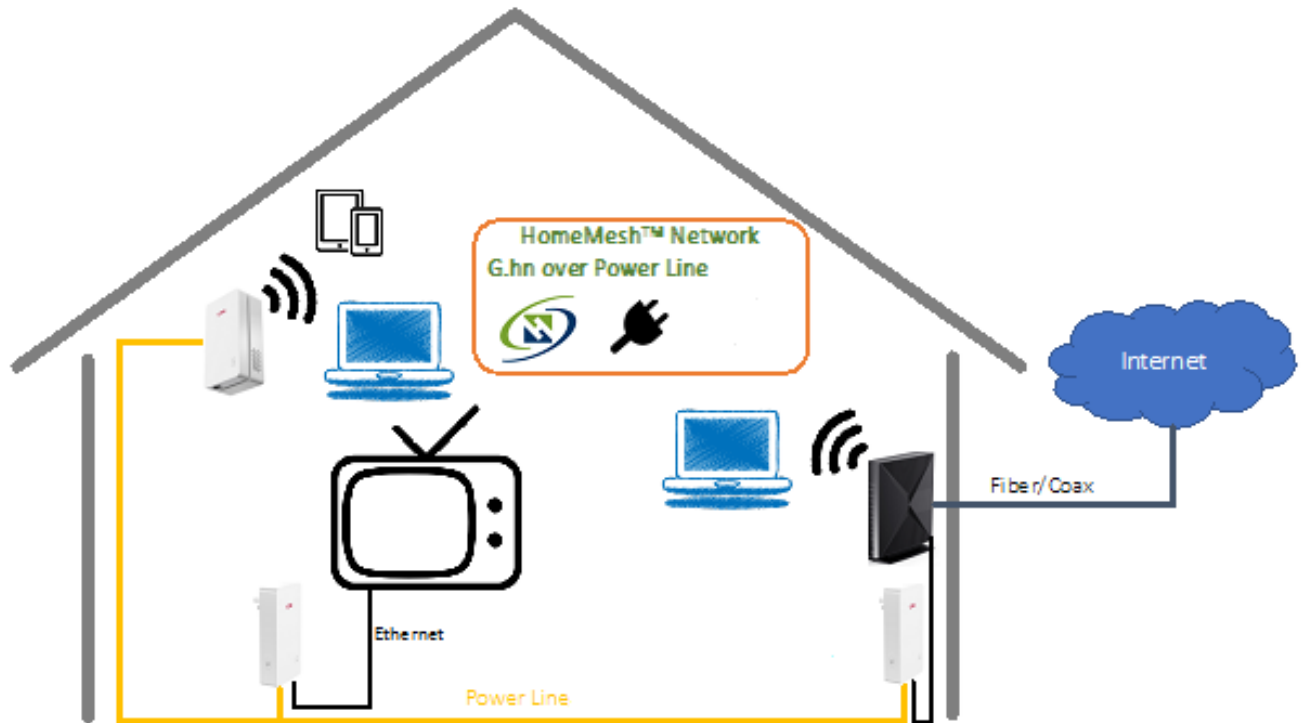


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## ■ Key Features

- Miniature power plug mount
- G.hn wave 2 over powerline
- Compliance to ITU-T G.9960 and G.9961
- Support both SISO and MIMO(G.9963)
- Bandwidth: 2MHz ~ 100MHz/200MHz
- Up to 2Gbps throughput (theoretical)
- 1 x GE RJ45 LAN
- 1 x Push-button pairing
- 3 x Status LEDs (Signal/ G.hn/ LAN)



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## ■ Specification

Item	WF-802G
Dimension (W x D x H)	120mm x 65mm x 23mm
Weight	200g
Installation	Miniature power plug mount
LEDs	Signal/ G.hn/ LAN
Interface	1 x GE RJ45 LAN 1 x Push-button pairing
Input Voltage	100~240VAC
Power consumption	< 7W
<b>Environmental Specification</b>	
Temperature	Operation: 0°C ~ +40°C Storage: -20°C ~ +85°C
Operating Humidity	5% ~ 95% (non-condensing)
Elevations	86kPa ~ 106kPa altitude
Dustproof and Waterproof	IP20
Safety	NRTL Listed 60950 (US & CA) CB with IEC/EN 60950-1 (Basic safety certificate for worldwide marketing) UL2043 (Plenum rating) FCC CE IEC60950-1
<b>Reliability</b>	

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Item	WF-802G
MTBF	> 300,000 Hours Telcordia SR-332, Reliability Prediction Procedures for Electronic Equipment, Issue 3, Method 1, Case 3, GB/GC (Ground Benign, Controlled) environment, 25°C ambient temperature. Steady state, not including software failure.
AFR	AFR (Annualized Failure Rate) < 1.5% (in continuous operation)
<b>Chipset</b>	
SoC	Marvell 88LX5152A0 (G.hn)
Flash	4MB SPI NOR flash

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## ■ Contact Information

### **Cambridge Industries USA Inc.**

2445 Augustine Dr., 6th FL.

Santa Clara, CA 95054

Tel: +1(408)606-2200

Email: [nasales@cigtech.com](mailto:nasales@cigtech.com)

### **CIG Shanghai Co., Ltd.**

5/F, Building 8, 2388 ChenHang Road

Shanghai, China 201114

Tel: +86-21-8023 3300

Email: [sales@cigtech.com](mailto:sales@cigtech.com)

[www.cigtech.com](http://www.cigtech.com)

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