



HomeMesh™ G.hn WF-802G Family

Product 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).

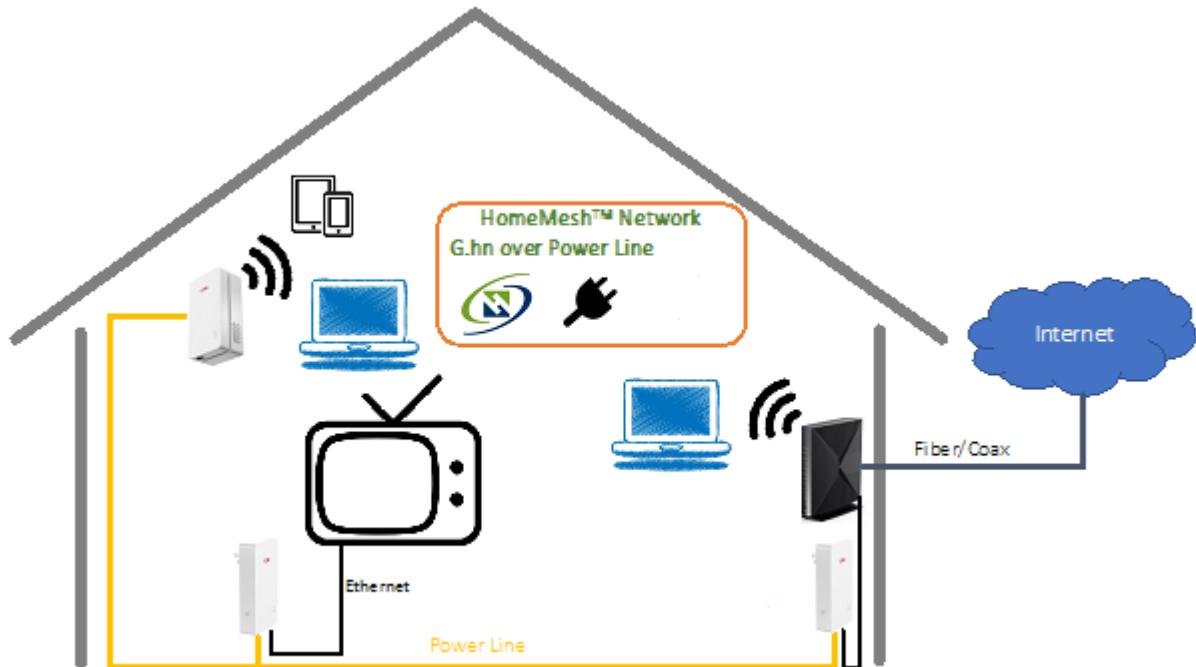
WF-802G can provide 200MHz bandwidth and up to 2Gbps traffic throughput in your home. You can stream full HD/4K videos to your devices. You also can enjoy the high speed online gaming, even VR games.

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.

Key Features

- Miniature power plug mount
- G.hn SoC: Marvell 88LX5152A0
- 4MB SPI NOR flash
- 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)





Specifications

WF-802G		
Size	Dimensions	H (120mm) x W (65mm) x D (23mm)
	Weight	200g
Reliability	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
	AFR	AFR (Annualized Failure Rate) < 1.5% (in continuous operation)
Safety	Safety	<ul style="list-style-type: none"> ✧ NRTL Listed 60950 (US & CA) ✧ CB with IEC/EN 60950-1 (Basic safety certificate for worldwide marketing) ✧ UL2043 (Plenum rating) ✧ FCC ✧ CE IEC60950-1
	AC input	100~240VAC
Environment	Temperature & humidity	<ul style="list-style-type: none"> ✧ Operating: -5°C ~ +45°C & 5% to 95% non-condensing humidity & 86kPa ~ 106kPa altitude ✧ Storage: -20°C to +85°C
	Dustproof & waterproof	IP20

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