HomeMesh^{TM} G.hn WF-802GW Family

Product Overview

WF-802GW 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-802GW supports dual-band 802.11ac 2x2 MIMO. It can provide up to 1167Mbps Wi-Fi access. It will help you to set your high-speed and reliable home network.

WF-802GW supports the mobile App to management, including the configuration, monitoring and upgrading.

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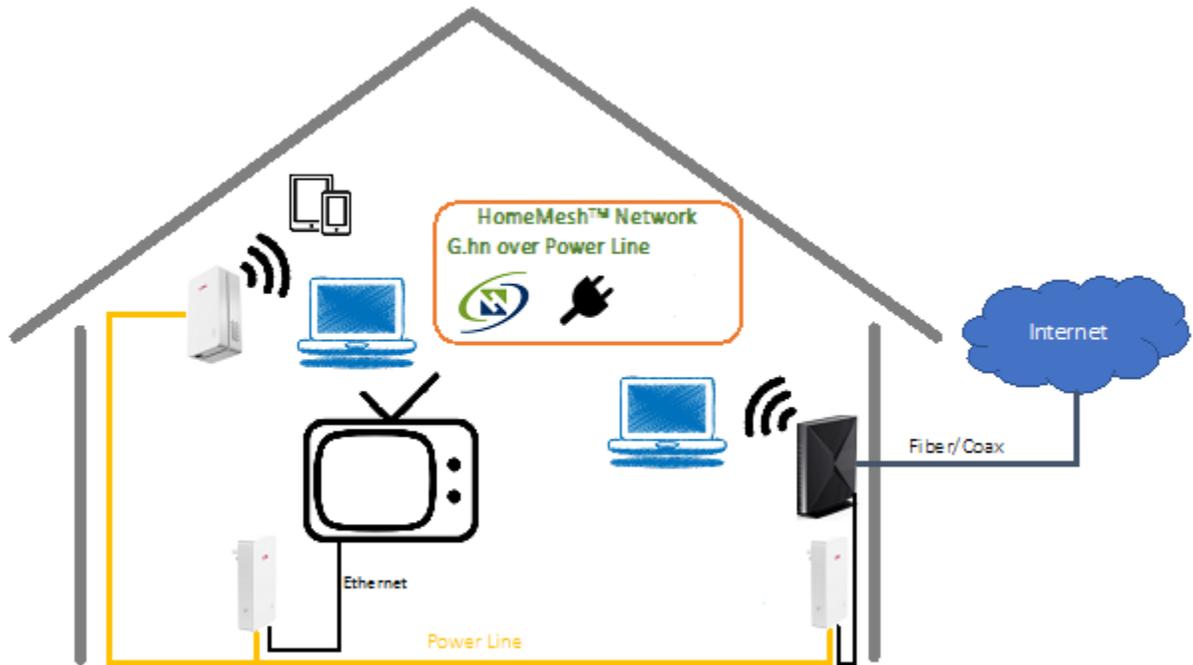
Key Features

- Miniature power plug mount
- Wi-Fi SoC: Dakota IPQ4018 A7@716.8MHz
- G.hn SoC: Marvell 88LX5152A0
- 32M bit SPI NOR flash +1G bit SPI NAND flash
- 256MB DDR3L Ram
- 2.4GHz 802.11b/g/n and 5GHz 802.11a/n/ac
- G.hn wave 2 over powerline
- 2.4G TX power:17dBm@MCS0, 16dBm@MCS7
- 5G TX power:19dBm@MCS0, 19dBm@MCS9
- Advanced path selection algorithm over multiple medias
- 1x GE RJ45 LAN
- 1 x Push-button pairing for G.hn
- 3 x Status LEDs (G.hn/ LAN/ Wi-Fi)
- Integrated with mobile management application

Mobile Management Application

- Configuration tool to monitor and manage devices
- Upgrading tool to update the device firmware
- Android and iOS support

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Specifications

		WF-802GW
Size	Dimensions	H (120mm) x W (65mm) x D (43mm)
	Weight	400g
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, 25ºC ambient temperature
	AFR	AFR (Annualized Failure Rate) < 1.5% (in continuous operation)
Safety	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
	AC input	100~240VAC
Environment	Temperature & humidity	✧ Operating: 0°C ~ +40°C & 5% to 95% non-condensing humidity & 86kPa ~ 106kPa altitude Storage: ✧ Storage:20°C to +85°C
	Dustproof & waterproof	IP20

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