HomeMesh^{TM} MoCA extender
WF-803M Family
Product Datasheet

VERSION5.0

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Partnership for the Next Generation Broadband Solution

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■ Overview

WF-803 product family is composed of 2 products designed to extend network connectivity at home using MoCA 2.0 or MoCA 2.5 technology. MoCA® technology makes your home network better. It extends Internet all over your house using your existing coax TV cable. Home network products with MoCA instantly turn your existing coax TV cable into a powerful, easy to use network for Internet access, Wi-Fi® and entertainment or just about anything you want!

The bounded MoCA channels can provide 1Gbps/2.5Gbps real traffic throughput in your home. With MoCA enabled products, you can stream full HD/4K videos to your devices. You also can enjoy the high speed online gaming, even VR games.

All the products are very easy to install, just connect the RF/Ethernet cables and power on, and place them to appropriate place, wall mounting or desktop mounting. You can complete all of these in few minutes.
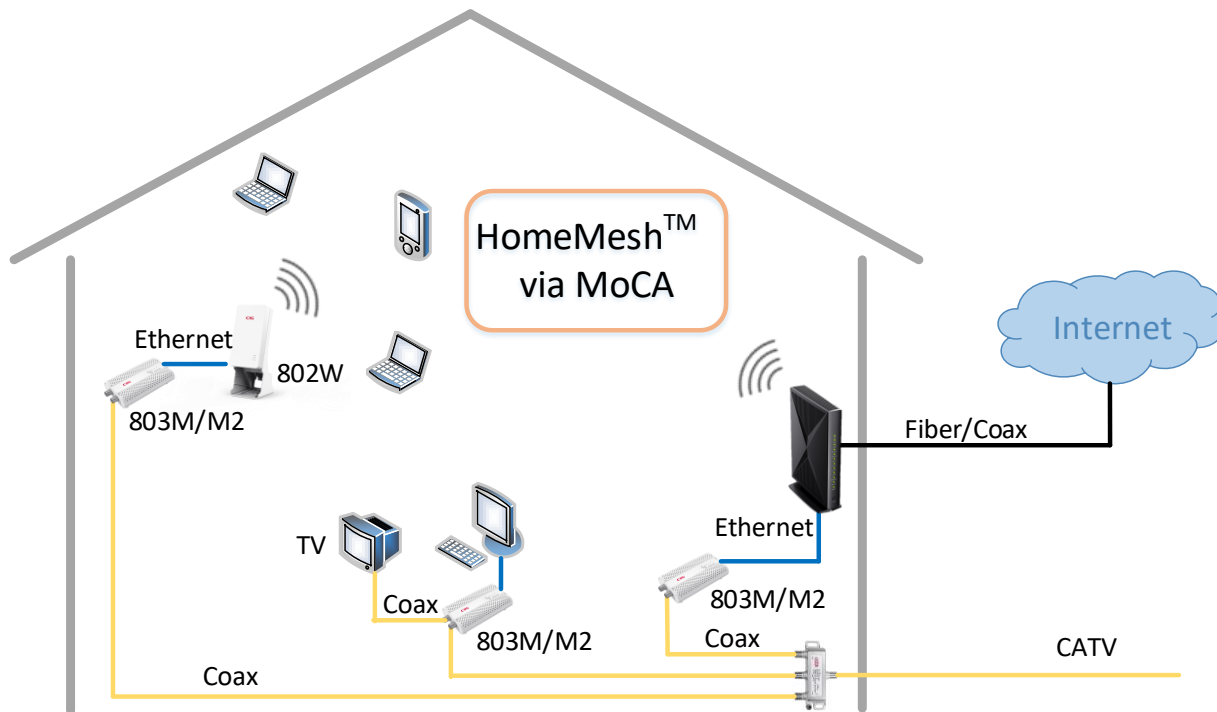
■ Key Features

WF-803M

- Wall mounting or desk mounting
- MoCA2.0 over Coax
- Up to 2 channels bounded
- Up to 16 nodes in same network
- Up to 1Gbps real traffic throughput
- 1 x MoCA in port for Coax
- 1 x TV/STB out RF port for TV/STB
- 1 x GE RJ45 LAN
- 1 x Reset button
- 3 x Status LEDs (Power/ MoCA/ LAN)

WF-803M2

- Wall mounting or desk mounting
- MoCA2.5 over Coax
- Up to 5 channels bounded
- Up to 16 nodes in same network
- Up to 2.5Gbps real traffic throughput
- 1 x MoCA in port for Coax
- 1 x TV/STB out RF port for TV/STB
- 1 x GE RJ45 LAN
- 1 x Reset button
- 1 x Push-button pairing
- 3 x Status LEDs (Power/ MoCA/ LAN)

■ Specification

Item	WF-803M	WF-803M2
Dimension (W x D x H)	132mm × 70mm × 30mm	132mm × 70mm × 30mm
Weight	100g	100g
Installation	Wall mounting or desk mounting	
LEDs	Power/ MoCA/ LAN	
Interface	1 x MoCA in port at the back 1 x TV/STB out RF port at the bottom 1 x GE RJ45 LAN 1 x Reset button	1 x MoCA in port at the back 1 x TV/STB out RF port at the bottom 1 x GE RJ45 LAN 1 x Reset button 1 x Push-button pairing
Input Voltage	+ 12V/ 0.5A	
Power consumption	4.5 W	
Environmental Specification		
Temperature	Operation: -5℃ ~ +45℃ Storage: -20℃ ~ +85℃	
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) CCC	

Item	WF-803M	WF-803M2
	CE IEC60950-1	
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. Steady state, not including software failure.	
AFR	AFR (Annualized Failure Rate) < 1.5% (in continuous operation)	
Chipset		
MoCA SoC	MaxLinear MxL3707	MaxLinear MxL3712
Flash	32M bit SPI flash	
MoCA		
MoCA Standard	MoCA 2.0	MoCA 2.5
Band	D-Band(1125~1675MHz)	
Bonding	Bonded-channel supports	
TX Power	D-Band: -1~+7dBm,typical +3dBm	

■ Contact Information

Cambridge Industries USA Inc.

2445 Augustine Dr., 6th FL.

Santa Cara, CA 95054

Tel: +1(408)606-2200

Email: 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

www.cigtech.com