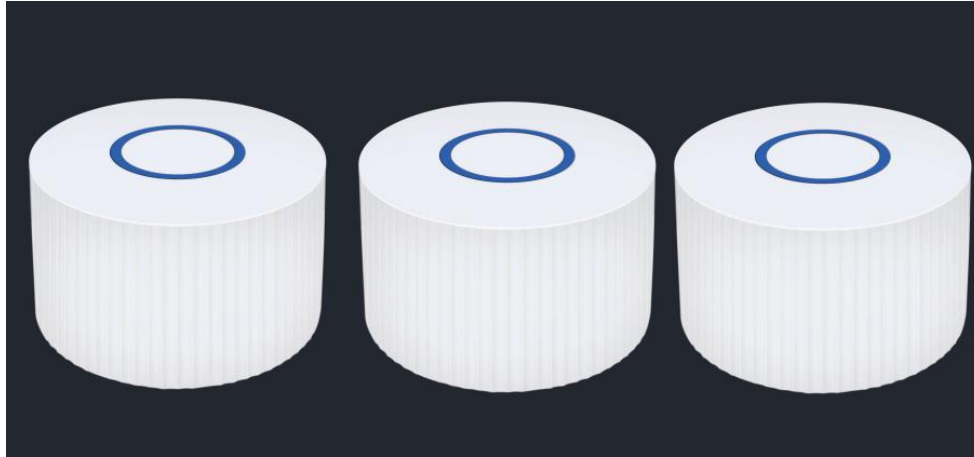


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## SHFiM2-Pro Datasheet

### AC1200 Whole-home Mesh WiFi System



#### Highlight

- The next generation Whole-Home Mesh Wi-Fi System, SHFiM2-Pro creates a distributed Wi-Fi network that covers up to 400m<sup>2</sup>, Blanket your three-storey house in reliable Wi-Fi
- Supports 802.11ac Wave2 MU-MIMO + Beamforming Technology + QoS intelligently allocates bandwidth, Hassle free gaming and streaming experience simultaneously
- Compatible with 802.11a/ b/g/n/ac products
- Supports wired interconnection and wireless hybrid interconnection, and flexibly realizes the "network cable + wireless" interconnection method, which is convenient and fast, and the Internet is more intimate.
- Simultaneous Dual Band – for combined wireless speeds of up to 1200 Mbps , and With one single SSID and password ,Uninterrupted video chat while moving across your home
- Easy and fast setup with pre-configuration , Easy one-touch Mesh establishing with the Mesh button.
- Advanced Wireless Security, including WEP, WPA, WPA2, as well as wireless MAC Authentication.

#### Product Description

SHFiM2-Pro is a 1200 Mbps dual band distribution mesh Wi-Fi system designed for 200-400m<sup>2</sup> houses, bringing you with whole home Wi-Fi coverage, as well as fast and stable internet connection. With combined wireless speeds of up to 1.2Gbps, the device provides better speeds. Simple tasks and intensive tasks like online gaming or HD video streaming can be handled by the 2.4GHz & 5GHz band concurrently. Compliant with IEEE 802.11v and IEEE 802.11r seamless roaming protocols, SHFiM2-Pro supports automatic network optimization and automatic routing selection, allowing you to enjoy more stable and flexible wireless network.



## Specifications

Wireless Features	
Wireless Standards	IEEE802.11a/n/ac,5GHz IEEE802.11b/g/n,2.4GHz
Chipset	RTL8197FH+8812FR+8363
Memory	DDR:128MB Flash:8MB
Data Rate	5GHz: Up to 867Mbps 2.4GHz: Up to 300Mbps
Operation Frequency	Simultaneous dual band 2.4GHz & 5GHz
EIRP	2.4GHz < 20dBm, 5GHz < 23dBm
Receive Sensitivity	5GHz 11a 6Mbps: -96dBm, 11a 54Mbps: -79dBm 11ac HT20: -71dBm, 11ac HT40: -66dBm, 11ac HT80: -63dBm, 11n HT20: -72dBm, 11n HT40: -71dBm 2.4GHz 11g 54M: -77dBm 11n HT20: -74dBm, 11n HT40: -72dBm
Wireless Security	WEP, WPA / WPA2, WPA-PSK/ WPA2-PSK encryption
Wireless Roaming	Comply with IEEE802.11v/r
Hardware Features	
Standards	IEEE802.3, IEEE802.3u
Interfaces	1 x 10/100/1000Mbps WAN/LAN Port 1 x 10/100/1000Mbps LAN Port
Buttons	Mesh Button, Reset Button
Power Supply	DC 12V 1.5A Input:100-240V-50/60Hz
Antenna	2 x 5dBi dual band internal antennas
Dimensions (W X D X H)	106X106X70mm ,
Software Features	



Internet Connection Type	Dynamic IP/Static IP/PPPoE/Bridge
Operation Mode	Gateway Mode, Bridge Mode, WISP Mode,
DHCP Server	DHCP Server, DHCP Client, DHCP Client List,
Wireless Functions	Multiple SSID, MAC Authentication, Universal Repeater, WDS, WPS Guest network
Quality of Service	WMM, QoS(Bandwidth Control) , DMZ
VPN Pass-Through	PPTP, L2TP, IPSec
Access Control	Wireless Access Control
Firewall Security	IP Address Filter/MAC Address Filter/URL Filter Parent Control Port Forwarding 802.1Q Vlan
Management	DDNS Time Zone Stetting Remote Management Backup & Update & Restore to factory default System log
Internet Protocol	IPv4/IPv6
<b>Environment</b>	
Operating Temperature	0°C~40°C (32°F~104°F)
Storage Temperature	-40°C~70°C (-40°F~158°F)
Operating Humidity	10%~90%, non-condensing
Storage Humidity	5%~95%, non-condensing
Certifications	CE, RoHS
<b>Package Contents</b>	
Package Contents	1 x SHFiM2-ProM, 2 x SHFiM2-ProS 3x Power Adapter 1 x Quick Installation Guide 3 x Ethernet Cable