



AIRPHO



WiFi Solution for Modern Smart Home

The AR-M400 provides you an easy way to connect every corner of your house seamlessly and smartly. Mesh will become the future trend of smart home networking.

AR-M400

AC1200 Dual Band Whole Home
Mesh Wi-Fi System

Mesh is a “System” rather than a Product

Intelligent Routing between Different Nodes

In a mesh system, a mesh unit can always detect and select the optimal routing from other available mesh units automatically. This, on one hand, ensures outstanding network performance; on the other hand, guarantees the stability of your network.

Mesh Routing Optimization

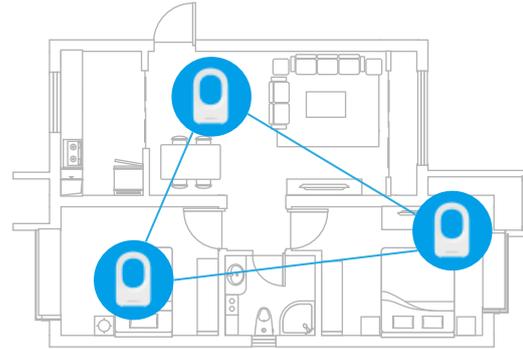


Switch Routing when Connection is Lost



Add More Units to Expand Coverage

Expanding network coverage in a mesh system is much easier than using the traditional combination of “router + extenders”. Simply add one more mesh unit to the system to boost your Wi-Fi coverage.



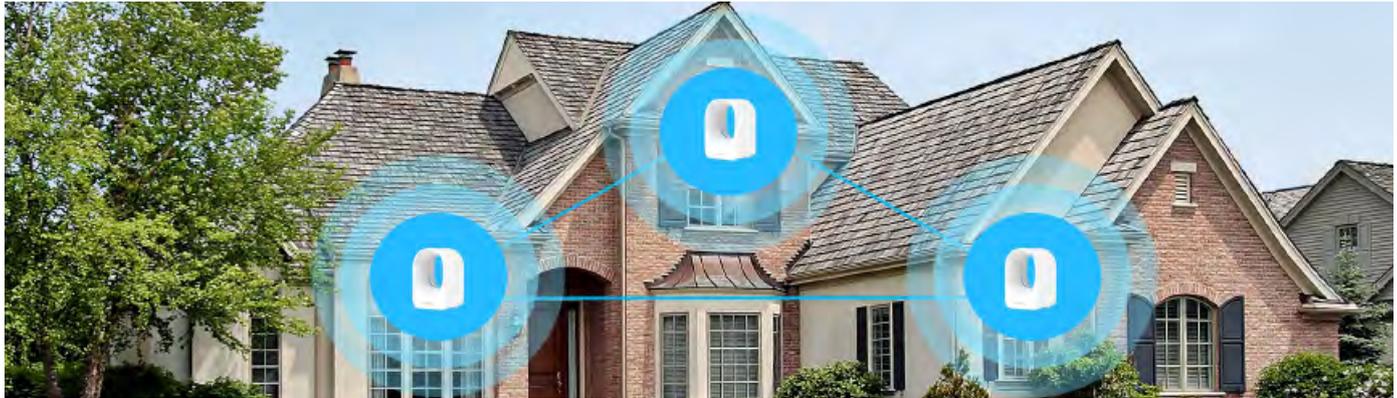
1 mesh
2000sq.ft



2 mesh
4000sq.ft

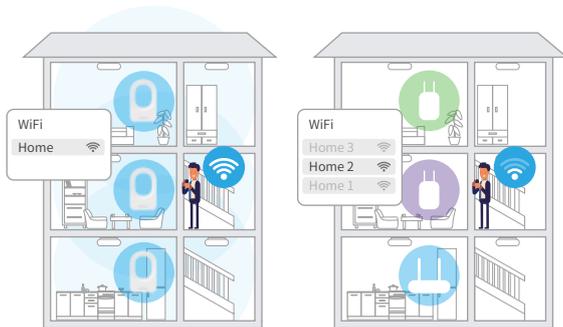


3 mesh
6000sq.ft



One Unified Network Throughout the House

All the mesh units make up to one unified network using one universal SSID. This ensures your devices remain connected during handover to the next networking area.



Centralized Mesh Network Management

All the mesh units can be managed through one backstage. This gets rid of the need to manage separately on each device. Meanwhile, it gives you a better control of overall network usage.



Easy One-Time Setup for All Units

Once you get the main mesh unit configured, the other mesh units are just easy "Plug & Play" devices.



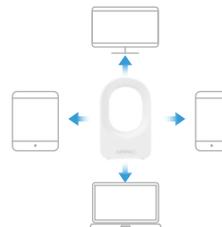
Full Gigabit Ports

Gigabit Ethernet ports transfer data 10x faster than standard Fast Ethernet ports. This ensure you enjoy the full speed of 802.11AC Wi-Fi.



MU-MIMO

MU-MIMO technology enables the mesh to communicate multiple devices simultaneously, effectively improve network communication efficiency.



Beamforming

Beamforming makes it possible to send directional signal. It promises a faster, stronger Wi-Fi signal with longer range for each device.



Specifications

Hardware Specification	
Wireless Standards	IEEE802.3, IEEE802.3u
Interface	1 Gigabit Ethernet WAN/LAN port, 1 Gigabit Ethernet LAN port
Antenna	2*5dBi dual band antennas
Button	1 reset button
Power	Input: 100-240V—50/60Hz, 0.6A Output: DC 12V==1.5A
Dimensions	165 x 105 x 100mm
General	
Wireless Standards	IEEE802.11a/n/ac,5GHz IEEE802.11b/g/n,2.4GHz
Management	5GHz:Up to 867Mbps 2.4GHz:Up to 300Mbps
Operation Frequency	2.4GHz and 5GHz
Basic Features	SSID Broadcast; Beamforming; Support MU-MIMO
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	WPA2-PSK(default)
Wireless roaming	Comply with IEEE802.11v/r

Software Features	
Internet Connection Type	Dynamic IP/Static IP/PPPoE
DHCP	Server, Client, DHCP Client List
Quality of Service	WMM, Bandwidth Control
Port Forwarding	Virtual Server, UPnP
VPN Pass-Through	PPTP, L2TP, IPSec
Access Control	Parental Control Guest Network
Firewall Security	Forbid UDP flood attack Forbid TCP flood attack Forbid ICMP flood attack
Internet Protocol	IPv4
Setup Requirements	Supports Web UI
Environment	
Operating Temperature	0°C~40°C (32°F~104°F)
Storage Temperature	-40°C~70°C (-40°F~158°F)
Relative Humidity	10%~90%, non-condensing
Storage Humidity	5%~90%, non-condensing