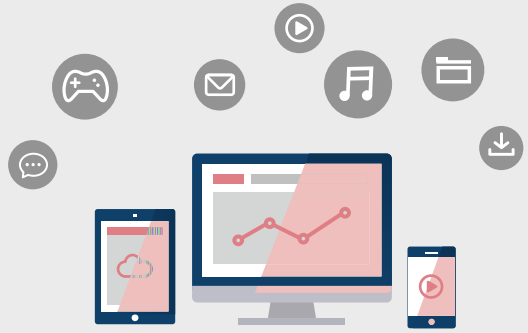
Applications

Ideal for large homes with multiple rooms and multiple users



Ideal for average Internet users seeking fast downloads, seamless streaming audio, uninterrupted streaming video, and lag-free online gaming

Features

Whole Home Coverage
Work as a uniQed system to guarantee a strong Wi-Fi signal in every corner of your home

1.9 Gbps High-Speed Wi-Fi
Enjoy super-fast dual band Wi-Fi connections with 1300 Mbps (5 GHz) + 600 Mbps (2.4 GHz) speeds.‡

Expand Anytime
Expand Mesh Wi-Fi coverage anytime by simply adding more units from the Halo H series*

Connect over 100 Devices
Handle traȝc even in high-density networks, delivering fast connections for over 100 devices

A Whole Home Wi-Fi Solution

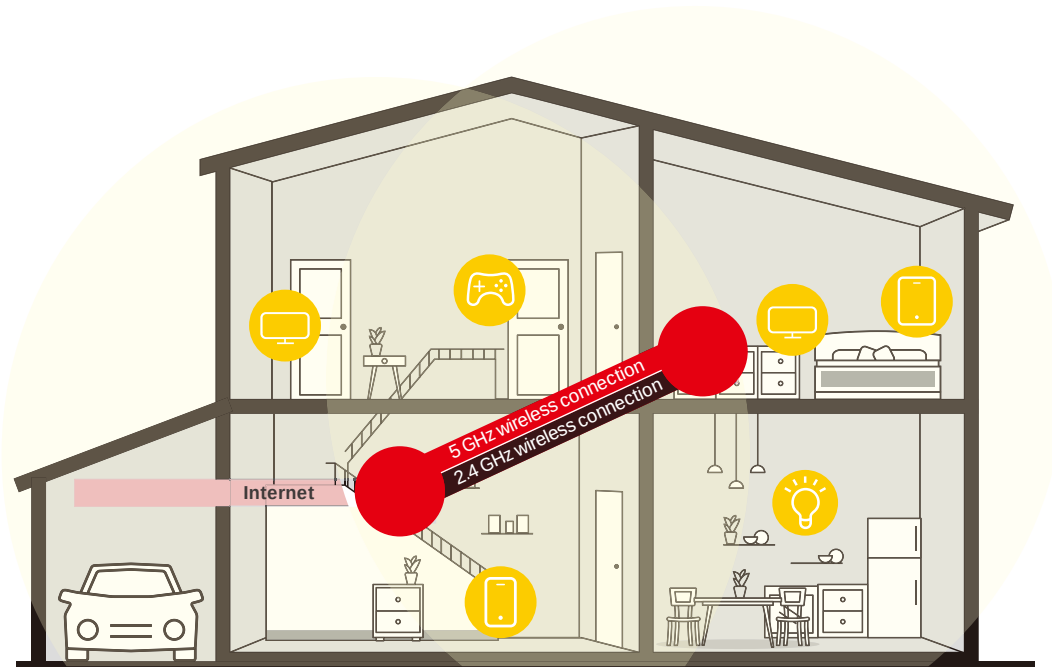
Halo works as a uniQed system to guarantee a strong Wi-Fi signal in every corner of your home. Mercusys Mesh Technology provides an incredibly fast and stable user experience when you walk around your home. Interruption and buQering will be a thing of the past.

Signals Never Drop

Seamless roaming intelligently connects devices to the Halo with the strongest signal and highest capacity. And Smart Connect helps to choose the best available band for each device. No more sudden signal drops or lagging Wi-Fi when you're roaming at home.†

Non-Stop Entertainment

Halo H50G harnesses the power of two separate AC1900 units, delivering whole home seamless Wi-Fi for over 100 devices. This ensures Halo keeps your phones, computers, and other IoT devices connected and operating at peak performance.



Easily Manage Your Home Network

Simplify the management of your home network with a variety of software features such as Parental Controls, Quality of Service (QoS), and Guest Network for added security and higher eQectiveness.

Maximum Coverage with Beamforming

Halo H50G supports Beamforming technology to detect devices, even if they are far-away or low-powered, and concentrate wireless signal strength towards them, making your connection more stable.

Specifications

Hardware

Ports

3ò Gigabit Ports per Halo Unit
(WAN/LAN auto-sensing)

Button

Reset button

Dimensions (W x D x H)

3.5 ò 3.5 ò 3.5 in (88 ò 88 ò 88 mm)

Wireless

Wireless Standards

IEEE 802.11 a/n/ac 5 GHz, IEEE 802.11 b/g/n 2.4 GHz

Signal Rate

1300 Mbps on 5 GHz, 600 Mbps on 2.4 GHz‡

Mesh protocol

802.11k/v/r

EIRP

2.4 GHz < 20dBm (EIRP)

5 GHz < 23dBm (EIRP)

Reception Sensitivity

2.4GHz:

11g 6Mbps:-96dBm

11g 54Mbps:-78dBm

11n HT20 MCS7:-76dBm

11n HT40 MCS7:-73dBm

5GHz:

11a 6Mbps:-95dBm

11a 54Mbps:-77dBm

11ac VHT20 MCS8:-72dBm

11ac VHT40 MCS9:-67dBm

11ac VHT80 MCS9:-63dBm

Software

Working Mode

Router, Access Point

WAN Type

Dynamic IP/Static IP/PPPoE/L2TP/PPTP

DHCP

Server, Client

Quality of Service

WMM

Firewall Security

SPI Firewall

Protocols

Supports IPv4 and IPv6

Guest Network

2.4 GHz Guest Network x 1,
5 GHz Guest Network x 1

Features

Parental Controls, QoS (Quality of Service),
Reporting, Assisted Setup, Address Reservation,
Port Forwarding, Mercusys DDNS, VLAN, IPv6,
LED Control

Management

Local Management, Remote Management,
Multi-Managers

Wireless Security

WPA-PSK/WPA2-PSK

SpeciQcations

Others

Environment

Operating Temperature: 0ËC~40ËC (32ËF~104ËF)

Operating Humidity: 10%~90% Non-Condensing

Storage Humidity: 5%~90% Non-Condensing

Package Contents for Halo H50G (2-pack):

2ò Halo H50G Units

1ò RJ45 Ethernet Cable

2ò Power Adapters

1ò Quick Installation Guide

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†Seamless roaming requires clients to support 802.11k/v/r and may require additional set up. Performance may vary depending on the client device.

¦Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 speciQcations. Actual wireless data throughput and wireless coverage, and quantity of connected devices are not guaranteed and will vary as a result of network conditions, client limitations, and environmental factors, including building materials, obstacles, volume and density of traȝc, and client location.

ïUse of MU-MIMO requires clients to also support MU-MIMO.

*Please note that the Halo H series and S series Cannot work together. Halo H50G is compatible with other units from the Halo H series to form a Mesh network.