

Hi-Gain™ Wireless-1200AC Multifunction Access Point | Bridge | Repeater

MODEL: **HW9ACM**

Wireless-AC

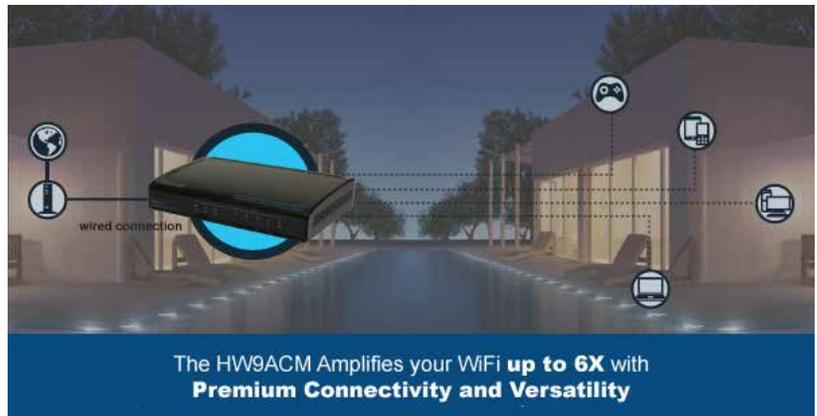


PACKAGE CONTENTS:

- One Wireless-1200AC Multifunction device
- One CD (Contains Product Information)
- One Quick Installation Guide
- One RJ45 Ethernet cord (setup only)
- One power adapter

Features

- Supports Wireless AC devices and is backwards compatible with Wireless b/g/n
- Provides IEEE 802.11 a/n/ac coverage
- 7 different Wireless Modes: Router, Access Point, Bridge, Bridge Point to Point, Bridge Point to Multi-Point, Bridge WDS, and Universal Repeater
- Supports 64/128-bit WEP, WPA, and WPA2 wireless data encryption
- Supports WPS function for easy wireless association
- Internal Antennas for a streamlined shape
- 5 Gigabyte Ethernet Ports for the fastest wired speeds
- Support DHCP (Server/Client) for easy IP-address setup
- Easy to use Web-based GUI for network configuration and management purposes can be completed from any computer, smartphone, or tablet



Amplify your WiFi 6X with Premium Connectivity & Versatility

The HW9ACM amplifies your WiFi reliability, range, and coverage. This highly efficient device is the best choice for small office / home office users who have multiple device connectivity demands. Multiple modes encompassed in one multifunction device means customized flexibility for your network demands. Gigabyte Ethernet ports provide the fastest possible wired speeds.

The HW9ACM allows computers and network devices to gain wireless access in several modes throughout their network. Easy install procedures allow any computer, smart phone, or tablet user to setup a network environment in less than the time it takes to make a cup of coffee.

With built-in Wireless-AC capabilities, this access point supports IEEE 802.11a/n/ac and is backwards compatible with the IEEE 802.11b/g/n wireless network standard. All computers and wireless-enabled network devices (including tablets, smartphone, ultrabooks, smart TVs, etc.) can connect to this wireless access point without additional cabling. 802.11ac wireless capabilities also gives you the highest wireless speeds. Wire a 5.0GHz compatible wireless device, you can match transfer speeds of up to 1200Mbps!

Wireless AC

Standard Wireless AC dictates that the tradeoff for superfast AC speeds is a proportional decrease in wireless range. Hawking Technology has developed this device to provide the same super speeds typical of Wireless AC, but also provide concurrent 2.4GHz support via Access Point to offset this range decrease. Use this device with any combination of our Wireless-AC products, even with the devices you already have, and increase your overall wireless network quality. HW9ACM also supports MIMO technology which enhances the performance and coverage range significantly.

Hassle-free Installation

The HW9ACM is quick and easy to install using any Wi-Fi enabled device (i.e. tablet, smartphone, Mac or Windows computer). Simply connect to the HW9ACM wirelessly, open your web browser, and type in the setup page for the device to configure. Installation can be done in less than 3 minutes.

Applications

Choose from 7 different modes: Router, Access Point, Bridge, Bridge Point to Point, Bridge Point to MultiPoint, Bridge WDS, and Universal Repeater.



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SPECIFICATIONS:

SOC+RF: MediaTek MT7620 + MT7612E

Flash: 4MB SPI Flash + 64MB DDRAM II

Ethernet Ports:

LAN: 4x10/100/1000M UTP Port

WAN: 1x10/100/1000M UTP Port

Antenna: 2.4/5.0 GHz Internal Antenna x 2
MIMO 2.4GHz 2T2R / 5GHz 2T2R

Output Power:

2.4GHz

11b(11Mbps): 16±1.5dBm

11g(54Mbps): 14±1.5dBm

11n(20MHz, MCS7): 13±1.5dBm

11n(40MHz, MCS7): 13±1.5dBm

5GHz

11a(54Mbps): 13±1.5dBm

11n(20MHz, MCS7): 13±1.5dBm

11n(40MHz, MCS7): 13±1.5dBm

11n(80MHz, VHTMCS9): 13±1.5dBm

Receive Sensitivity:

2.4GHz

11b(11Mbps): -87dBm±2dBm

11g(54Mbps): -71dBm±2dBm

11n(20MHz, MCS7): -68dBm±2dBm

11n(40MHz, MCS7): -65dBm±2dBm

5GHz

11a(54Mbps): -71dBm±2dBm

11n(20MHz, MCS23): -69dBm±2dBm

11n(40MHz, MCS23): -65dBm±2dBm

11n(80MHz, VHTMCS9): -55dBm±2dBm

Power: 12V/1A Switch Power Adapter

Dimension: 1.2(H) x 6.2(W) x 5.0(D) in

Operating Temperature:

Storage: -4~140F°

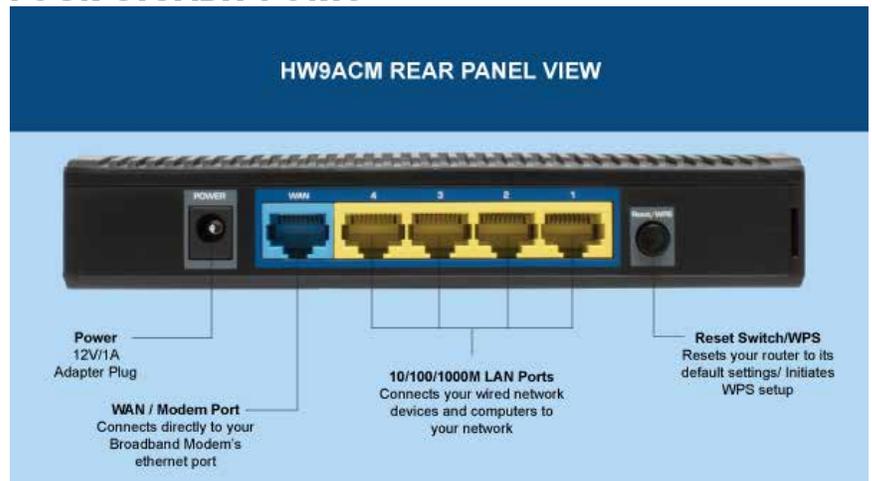
Operating Humidity: Operating: 10~90%

(Non Condensing)

Storage: Max.95% (Non Condensing)

Certification: CE/FCC

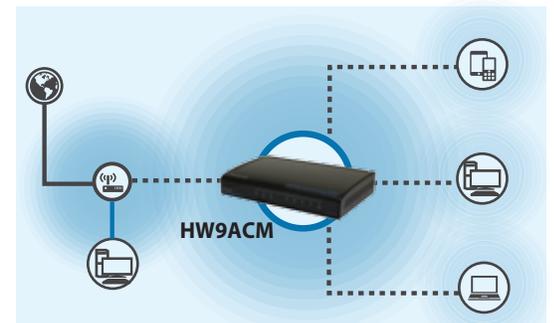
FOUR GIGABIT PORTS



The HW9ACM has four Gigabit LAN ports for the fastest data transfer speeds on all your wired devices. Whether connecting to your network wirelessly with wired in devices, or connecting to your network via ethernet port, the HW9ACM guarantees that you never lose your data transfer speeds.

MAXIMUM VERSATILITY

Connect all your devices to the HW9ACM with increased range and speeds, your wireless options are endless! In addition, Wireless-AC speeds are optimal for data intensive applications like streaming, downloading and surfing high definition content.



HASSLE-FREE INSTALLATION



The HW9ACM is quick and easy to install using a Wi-Fi enabled device (i.e. tablet, smartphone, Mac or Windows computer). Hassle-free means there is no Ethernet cable or CD required for the installation. Simply power up the unit, use your chosen Wi-Fi enabled device, and log into the setup page!