

Wireless-AC Multifunction Range Extender/Access Point

MODEL: **HW7ACX**

Wireless-AC



PACKAGE CONTENTS:

- Wireless-AC Multifunction Range Extender/AP
- Power Adapter
- Mac/PC CD Install CD
- RJ-45 Ethernet Cable for installation
- Easy to follow Quick Installation Guide

EXTEND YOUR WIFI WITH SUPERIOR RANGE AND VERSATILITY

The HW7ACX delivers the fastest wireless standard and combines it with powerful Hi-Gain™ antennas to improve your wireless reliability, range, and coverage. This highly efficient access point is the best choice for Small office / Home office users. Premium Range Extending Technology, in addition to the included AP mode, delivers extensive wireless AC range, even for networks not currently on the AC standard!

With the HW7ACX connected to your network, the network signal is magnified by the range extender. Acting like a wireless relay, it will expand your wireless range up to 2X stronger. Strengthen the previously weak wireless signal and maximize your network's data transfer rate with the HW7ACX. This provides a stronger and more solid wireless connection to improve overall uploading and downloading speed. As a result, the user experiences faster speeds and less data lag while streaming or downloading multimedia content (video, music, etc.).

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 mode 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.

EASE OF USE

Simply connect to the HW7ACX 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 different modes: Range Extender, Access Point

FEATURES

- Supports Wireless AC devices and is backwards compatible with Wireless b/g/n
- Provides IEEE 802.11a/b/g/n/ac coverage
- 2 different Wireless Modes: Range Extender, Access Point
- Supports 64/128-bit WEP, WPA, and WPA2 wireless data encryption
- Supports WPS function for easy wireless association
- Two External Dipole Antennas
- 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 smartphone or tablet



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SPECIFICATIONS:

- SOC+RF:** RTL8881AQ + RTL8192ER
- Flash:** 4MB SPI Flash
- RAM:** 32MB DDR2 RAM
- LAN Ports:** 10/100M (Auto-MDI/MDI-X) Ports x5
- Antenna:** 5/4dBi Dual Band (5GHz/2.4GHz) & 3dBi 2.4GHz Fixed Dipole
- Output Power:**
 - 2.4GHz
 - 11b(11Mbps): 16±1.5dBm
 - 11g(54Mbps): 14±1.5dBm
 - 11n(20MHz, MCS7): 14±1.5dBm
 - 11n(40MHz, MCS7): 14±1.5dBm
 - 5GHz
 - 11a(54Mbps): 15±1.5dBm
 - 11n(20MHz, MCS7): 13±1.5dBm
 - 11n(40MHz, MCS7): 13±1.5dBm
 - 11n(80MHz, VHTMCS9): 12±1.5dBm
- Receive Sensitivity:**
 - 2.4GHz
 - 11b(11Mbps): -83dBm±2dBm
 - 11g(54Mbps): -69dBm±2dBm
 - 11n(20MHz, MCS7): -67dBm±2dBm
 - 11n(40MHz, MCS7): -64dBm±2dBm
 - 5GHz
 - 11a(54Mbps): -69dBm±2dBm
 - 11n(20MHz, MCS23): -68dBm±2dBm
 - 11n(40MHz, MCS23): -64dBm±2dBm
 - 11n(80MHz, VHTMCS9): -55dBm±2dBm
- Power:** 12V, 0.5A Switch Power Adapter
- Dimension:** 1.5(H) x 6.5(W) x 4.5(D) in
- Operating Temperature:** 0~40C°, Storage: -20~60C°
- Operating Humidity:** Operating: 10~90% (Non Condensing)
- Storage:** Max.95% (Non Condensing)
- Certification:** CE/FCC

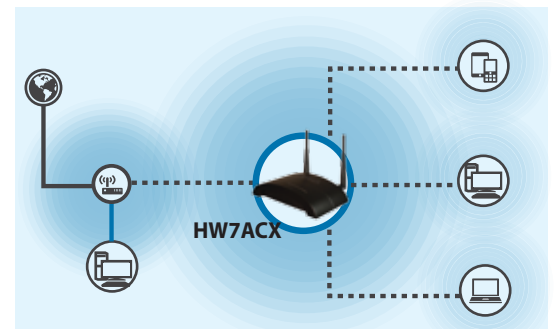
SUPERIOR RANGE



The HW7ACX will expand your wireless range up to 2x further than your existing 802.11n network range extender. It will strengthen the previously weak wireless signal and maximize your networks data transfer rate. This provides a stronger and more solid wireless connection to improve overall uploading and downloading speed. As a result, the user experiences faster speeds and less data lag while streaming or downloading multimedia content (video, music, etc.).

MAXIMUM VERSATILITY

Connect all your devices to the HW7ACX 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 HW7ACX 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!