

Wireless-AC Multifunction Access Point/Bridge

MODEL: **HW7ACB**

Wireless-AC



PACKAGE CONTENTS:

- Wireless-AC Multifunction Access Point/Bridge
- Power Adapter
- Mac/PC CD Install CD
- RJ-45 Ethernet Cable for installation
- Easy to follow Quick Installation Guide

IMPROVE YOUR WIFI WITH PREMIUM CONNECTIVITY AND VERSATILITY

The HW7ACB 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. Multiple modes encompassed in one multifunction device means customized flexibility for your networking demands.

The HW7ACB allows computers and network devices to gain wireless access in several modes throughout their network. Easy install procedures allow any computer user to setup a network environment in a very short time.

With built-in Wireless-AC capabilities, this access point supports the IEEE 802.11 a/n/ac and is backwards compatible with the IEEE 802.11 b/g/n wireless network standards. All computers and wireless-enabled network devices (including tablets, smartphones, ultrabooks, smart tvs, etc.) can connect to this wireless access point without additional cabling. 802.11 ac wireless capability also gives you the highest wireless speeds. With a 5.0GHz compatible wireless devices, you can match transfer files of up to 750Mbps!

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.

EASE OF USE

Simply connect to the HW7ACB 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: Router, Access Point, Bridge, Bridge Point to Point, Bridge Point to Multi Point, Bridge WDS

FEATURES

- Supports Wireless AC devices and is backwards compatible with Wireless b/g/n
- Provides IEEE 802.11 a/b/g/n/ac coverage
- 6 different Wireless Modes: Router, Access Point, Bridge, Bridge Point to Point, Bridge Point to Multi-Point, AP Bridge WDS modes
- 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 x4
- WAN Ports:** 10/100M (Auto-MDI/MDI-X) Ports x1
- 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

MULTIPLE OPERATING MODES

