

Wireless-1200AC Managed AP Pro

Includes Wall/Ceiling/Rail Mounting Kit

MODEL: **HW12ACM**

Wireless-AC

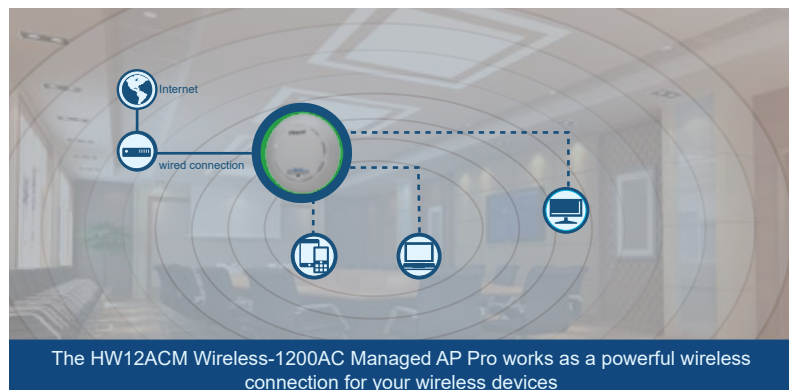


PACKAGE CONTENTS:

- One Wireless-1200AC Ceiling-Mount AP
- One CD (Contains Product Information)
- One Mounting Bracket
- One Ceiling Mount / Wall Mount Screw Kit
- One T-Rail Mounting Kit
- One Quick Installation Guide
- One RJ45 Ethernet cord (setup only)
- One power adapter

Features

- Access Point and Repeater Modes
- Supports Wireless AC devices and is backwards compatible with Wireless b/g/n
- Provides IEEE 802.11 a/n/ac coverage
- Multiple Mounting Kits for versatile installation options
- Supports WPS function for easy wireless association
- Gigabit Ethernet Port 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
- PoE enable option



Amplify your WiFi with Premium Connectivity & Versatility

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 connectivity also gives you the transfer speeds of up to 1200Mbps! Supports Wireless Access Point and Repeater modes, giving you versatility on network setups.

The HW12ACM allows computers and network devices to gain wireless access throughout their networking environment. Quickly configure your HW12ACM with any Mac or Windows computer through your web browser, no software installation required! The versatile mounting hardware included provides an endless array of setup options for the HW12ACM. Power over Ethernet (PoE) capable means you have the flexibility to mount the HW12ACM anywhere without running additional power cables.

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.

Hassle-free Installation

The HW12ACM is quick and easy to install using a Mac or Windows computer. Simply connect the HW12ACM to your computer, open your web browser, and type in the setup page for the device to configure. Connect the HW12ACM to the router or PoE Switch with an Ethernet cable and instantly boost your network to speeds of up to 1200Mbps!

POE Enable Option

The HW12ACM has the option to use PoE instead of the power supply. This feature provides flexibility in mounting conditions, allowing you to install in many different places with the included mounting kits.



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SPECIFICATIONS:

MCU/RF: MediaTek MT7620A (2.4GHz) + Qualcomm Atheros QCA9882 (5GHz)

Flash: 8 MB

Ethernet Ports:

LAN: 4x10/100/1000M UTP Port

WAN: 1x10/100/1000M UTP Port

Antenna: Internal PIFA Antenna

(3dBi 2.4GHz x 2, 4dBi 5GHz x 2)

Output Power:

802.11b: 26dBm@ 1Mbps / 26dBm@ 11Mbps

802.11g: 26dBm@ 6Mbps / 22dBm@ 54Mbps

802.11n(2.4G): 26dBm@ MCS0 (HT20/40)
22dBm@ MCS7 (HT20/40)

802.11a: 26dBm@ 6 Mbps / 22dBm@ 54Mbps

802.11a/n(5G):

26dBm@ MCS0/MCS8 (HT20/40)

22dBm@ MCS7/MCS15 (HT20/40)

802.11ac:

26dBm@ MCS0 (VHT20)/19dBm@MCS9 (VHT40)/
18dBm@ MCS9 (VHT80) 11n: 26dBm

Receive Sensitivity:

802.11b: 95dBm@ 1Mbps / 90dBm@ 11Mbps

802.11g: 91dBm@ 6Mbps / 75dBm@ 54Mbps

802.11n(2.4G): 90dBm@ MCS0 (HT20/40)
70dBm@ MCS7 (HT20/40)

802.11a: 89dBm@ 6Mbps / 72dBm@ 54Mbps

802.11a/n(5G): 89dBm@ MCS0 (HT20) /

68dBm@ MCS7 (HT20) / 86dBm@ MCS0 (HT40) /
68dBm@ MCS7 (HT40)

802.11ac: 85dBm@ MCS0 (VHT20/40/80)

58dBm@ MCS9 (VHT40/80)

Power: 2W/1A Switch Power Adapter

Dimension: 76(D) x 30(H) mm (6.9 x 1.2 in)

Operating Temperature: 0~40F°

Storage: -4~140F°

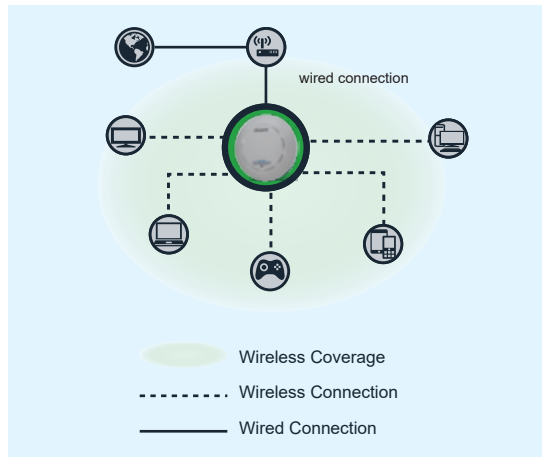
Operating Humidity: Operating: 10~90%

(Non Condensing)

Storage: Max.95% (Non Condensing)

Certification: FCC

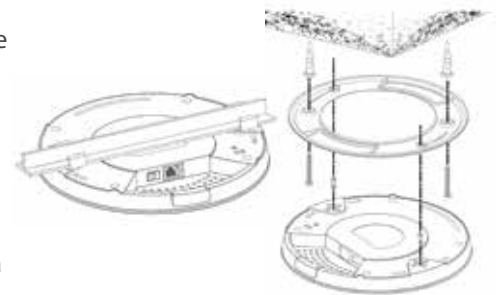
ACCESS POINT



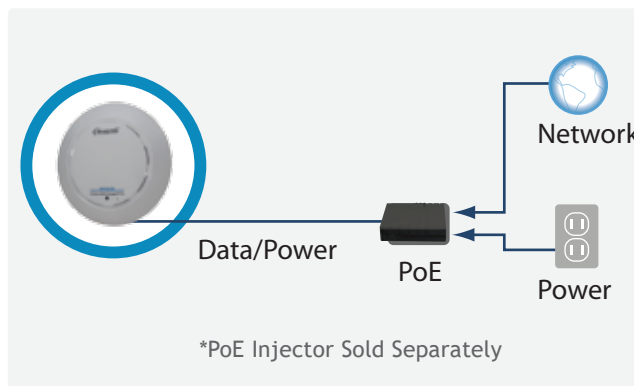
Connect all your devices to the HW12ACM with increased range and speeds, your wireless options are endless! In addition, Wireless-AC speeds are optimal for data intensive applications like streaming, downloading and surfing high definition content

MAXIMUM VERSATILITY

The HW12ACM has multiple mounting kits to mount anywhere to help connectivity with all wireless devices. This Ceiling Mount device can be installed anywhere in the house and produce a reliable wireless network. The HW12ACM guarantees that you never lose your data transfer speeds.



PoE COMPATIBLE



By combining your power and data connections into a single cable, PoE can simplify the setup. This allows you to install the ceiling mount with only one cable! Install it on the ceiling, wall, t-rail, and many more!