

### Requirements

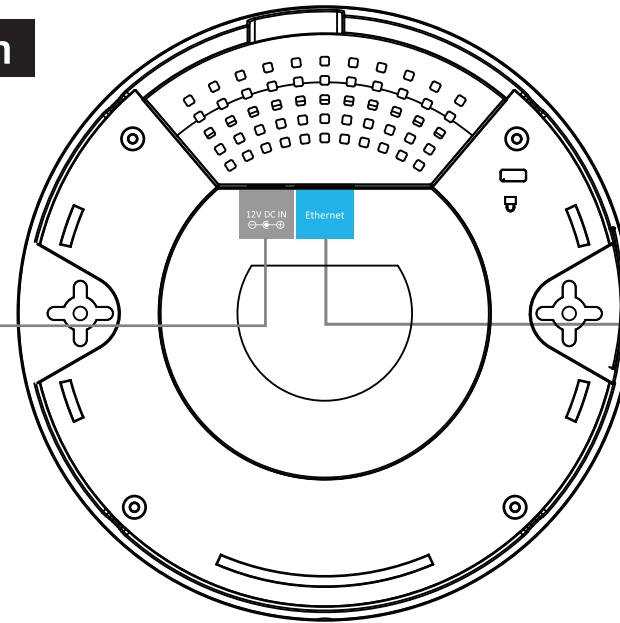
- Wired Network Connection
- A Wired Network Device (Mac or Windows Computer)
- Power Outlet

### Package Contents

- 1x Wireless-1200AC Managed AP Pro
- 1x Power Adapter 12V/1A
- 1x Ceiling Mount Bracket
- 1x T-Rail Mounting Kit & Screws
- 1x RJ-45 Ethernet Cord
- 1x Setup CD-ROM
- 1x Quick Installation Guide (QIG)

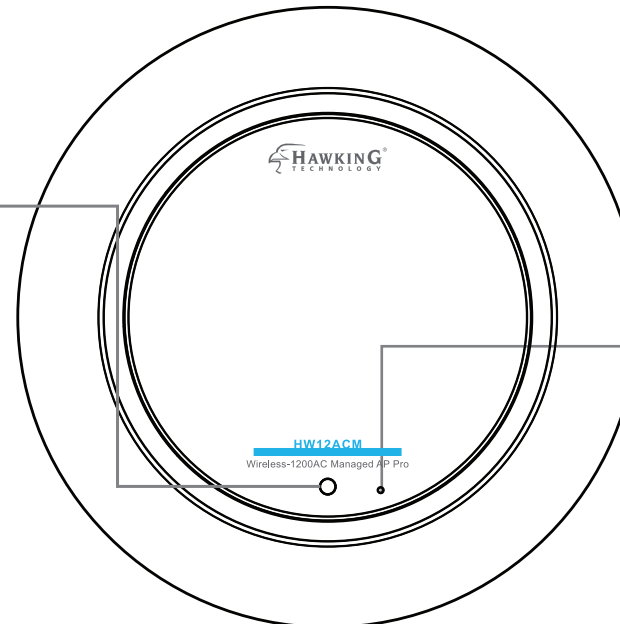
### Product Description

Power (12V/1A)  
Power Adapter Plug



One 10/100/1000M LAN Port w/ PoE support  
Connects the device to your network. If using a PoE switch, can also provide power

LED  
Blue LED: The Access Point is starting up  
Purple LED: The Access Point is on  
Amber: If flashing, Error  
Off: The Access Point is Off



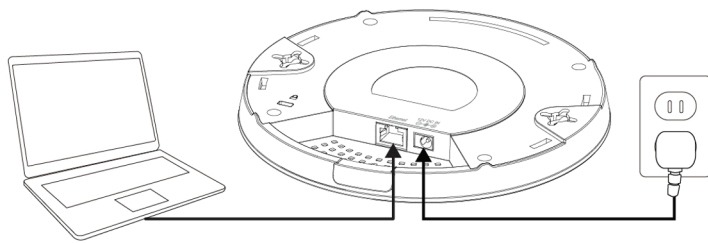
Reset Switch  
Use a pin or similar small object. Press and hold for 30 seconds to factory reset device

## Start Here

### 1 Hardware Setup

Connect the power adapter to the HW12ACM port labeled "12V DC in" and then plug the power adapter into an available wall socket.

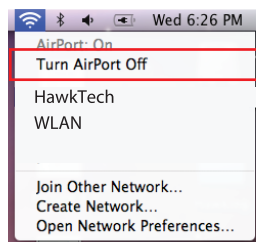
Connect the HW12ACM to a computer via ethernet cable.



### 2 Computer Configuration

#### Configure the HW12ACM with a Mac computer

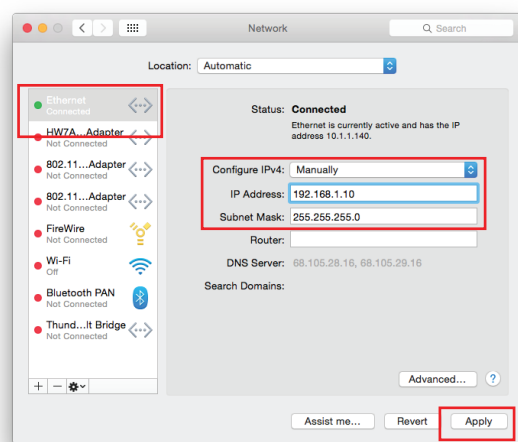
- Connect your computer to the network using an ethernet cable. If your computer is Wi-Fi enabled, you'll need to turn off the Wi-Fi connection from your computer until you are done configuring the HW12ACM.



- Open your System Preferences and select the "Network" option.

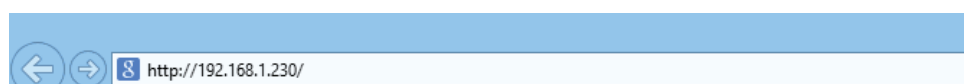


- Select the 'Ethernet' option. Find the 'Configure IPv4' drop down menu and select 'Manually'. In the IP address, enter '192.168.1.10'. In the Subnet Mask, enter '255.255.255.0' and select 'Apply'.

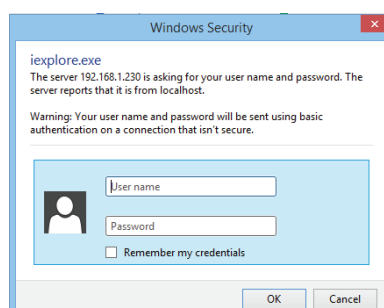


### 3 Accessing the Setup via Web Browser

- Open any web browser from the computer that is plugged into the HW12ACM. In the address field, type in '192.168.1.230'. Press enter.

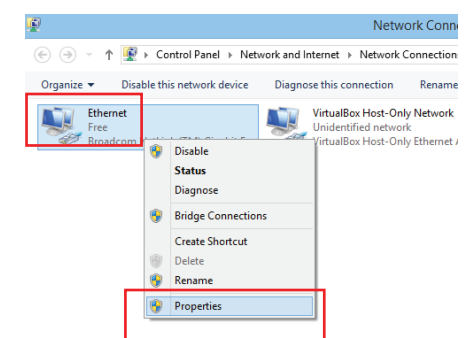


- A security prompt will appear asking for a username/password.  
Username: **admin**  
Password: **1234**

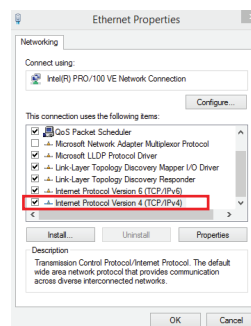


#### Configure the HW12ACM with a Windows computer

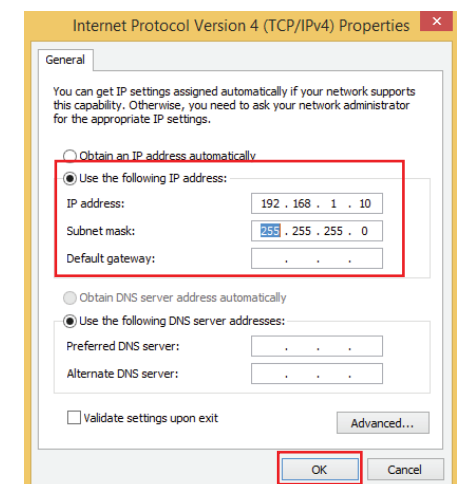
- Connect your computer to the network using an ethernet cable. If your computer is Wi-Fi enabled, you'll need to turn off the Wi-Fi connection from your computer until you are done configuring the HW12ACM.



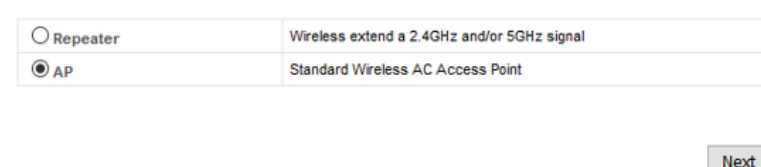
- Go to your control panel and select "Network and Sharing Center". On the left hand column, choose "Change Adapter Settings". Right click on "Ethernet" and choose properties.
- Select "Internet Protocol (TCP/IPv4)" and click on properties.



- Select 'Use the following IP address'. In the IP address, enter '192.168.1.10'. In the Subnet Mask, enter '255.255.255.0' and click 'OK'. Select 'OK' again to close the properties and save.



- A Window should appear asking what mode you wish to use. Select your mode and click next.  
Access Point: Go to Section 4a.  
Wireless Repeater (Range Extender): Go to Section 4b



## 4a Access Point Quick Setup

- a. To change the SSID of your access point's 2.4GHz wireless network, go to "2.4GHz Basic Settings". Enter the new SSID for your 2.4GHz wireless network in the "SSID1" field. The default 2.4GHz SSID is "Hawking\_HW12ACM\_2.4GHz"

- c. To change the access point's LAN IP address, go to "LAN-side IP Address". Enter the IP address settings you wish to use for your access point. You can use a dynamic (DHCP) or static IP address, depending on your network environment. Click "Next" to save the changes and to go to the security settings.

- b. Go to "5GHz Basic Settings" and repeat step 1 for the access point's 5GHz AC wireless network. The default 5GHz SSID is "Hawking\_HW12ACM\_5GHz"

- d. To configure the security of your access point's wireless network, go to "2.4GHz Wireless Security Settings/5GHz Wireless Security Settings". Select an "Authentication Method" and enter a "Pre-shared Key" or "Encryption Key" depending on your choice, then click "Apply". Hawking recommends at least WPA/WPA2 security.

Click "Apply" and the device will now reset and save your settings. The basic settings for access point are now configured!

## 4b Repeater Quick Setup

- a. To scan for your WiFi signal, click "Scan". If you only wish to scan in 2.4G or 5G, choose accordingly. Clicking scan will scan for all available WiFi networks in the area

- b. After it has finished scanning, a list of networks will appear. Please select the WiFi source you wish to connect to. In repeater mode, you can select either a 2.4GHz OR 5GHz WiFi source. It can only repeat from one source. However, it will broadcast this source in both the 2.4GHz and 5GHz range.

Select	Ch	SSID	MAC Address	Security	Signal (%)	Type
<input type="radio"/>	3			WPA1PSK/WPA2PSK/TKIP/AES	15	b/gn
<input type="radio"/>	7			WPA2PSK/TKIP	24	b/gn
<input type="radio"/>	7	HawkTech	00:1F:02:0D:CE:D0	WPA2PSK/AES	100	b/gn
<input type="radio"/>	11			WPA2PSK/AES	39	b/gn
<input type="radio"/>	11			WPA2PSK/TKIP/AES	24	b/gn
<input type="radio"/>	11			WPA2PSK/AES	50	b/gn
<input type="radio"/>	2	Hawking_Outdoor_HP0W	00:11:A3:00:00:03	WPA2PSK/AES	100	b/gn
<input type="radio"/>	6			WPA2PSK/AES	91	b/gn
<input type="radio"/>	6			NONE	86	b/gn
<input type="radio"/>	10			WEP	39	b/g

Select	Ch	SSID	MAC Address	Security	Signal (%)	Type
<input type="radio"/>	44	HawkTech_5GHz	80:1F:02:0D:CE:D2	WPA2PSK/AES	100	a/n
<input type="radio"/>	153			WPA2PSK/AES	87	a/c
<input type="radio"/>	153			NONE	87	a/c

- c. After you select your network, it will ask you to create a profile. You can change the extended SSID if you wish. By default it will use the same SSID as your wireless source. The security settings will also be listed and it will automatically choose the security settings of the wireless source. Type in your password in the "Key Field". If you do not know this password, please contact your network administrator or check the wireless source's settings. If you wish to make changes to your IP, go to section d before you click "Connect"

- d. Enter the IP address settings you wish to use for your access point. You can use a dynamic (DHCP) or static IP address, depending on your network environment. Go back to the previous section and click "Connect"

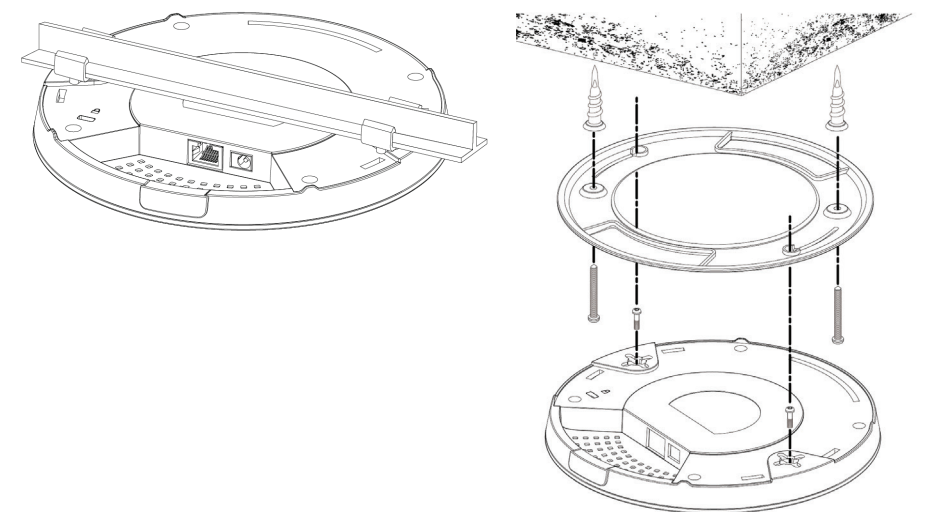
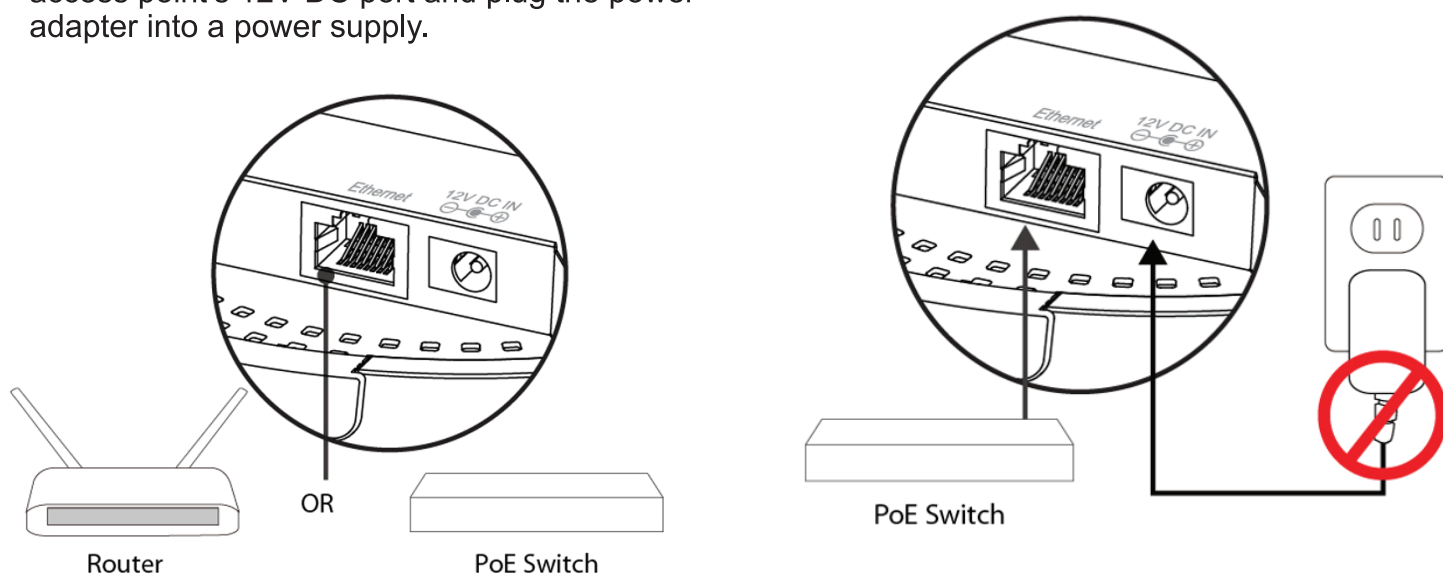
Click "Connect" and the device will now reset and save your settings. The basic settings for repeater mode are now configured!

## 5 Hardware Installation

Connect a router or PoE switch to the access point's LAN port using an Ethernet cable. If you are using a router/standard network switch, connect the power adapter to the access point's 12V DC port and plug the power adapter into a power supply.

If you are using a PoE switch, do not use the power adapter as your PoE switch will provide power.

The HW12ACM supports both rail mount and ceiling mounting. Refer to the manual located on the CD for installation instructions.



## 6 Enjoy your Hawking HW12ACM Wireless Network!

For more information on the different settings, refer to the full manual located on the CD. You can also download it from [www.hawkingtech.com](http://www.hawkingtech.com). Have questions? Feel free to contact our 24 hour Technical Support Line at 1.888.202.3344.