firetide®
A Division of UNICOM®Global

HotPoint™ 5100 PtP Quick Start Guide

Safety Information

Firetide equipment must be installed by qualified personnel. Follow safe work practices and use approved non-conducting ladders, shoes, and other safety equipment. Make sure all equipment is in good condition.

Warning! Failure to comply with instructions marked with this symbol might expose you to non-insulated dangerous voltage that might be of sufficient magnitude to cause the risk of lethal electric shock to persons.

Warning! Failure to comply with instructions marked with this symbol might result in severe personal injury including electrical shock or permanent damage to equipment.

Caution! Failure to comply with instructions marked with this symbol might result in data loss or minor injuries.

Documentation

This information is subject to change without notice. Visit http://www.firetide.com/support/support-resources/ for the current versions of the Firetide software and firmware, guides, and FAQ page.

Technical support

Contact Technical Support via website submission from http://www.firetide.com/requestsupport.

What's in the box?

- 2x Hotpoint 5100 Access Points.
- 12x Staging Antennas.
- 2x Dc Power Adaptors.
- 2x Ethernet Cables.
- Quick Start Guide

Installation
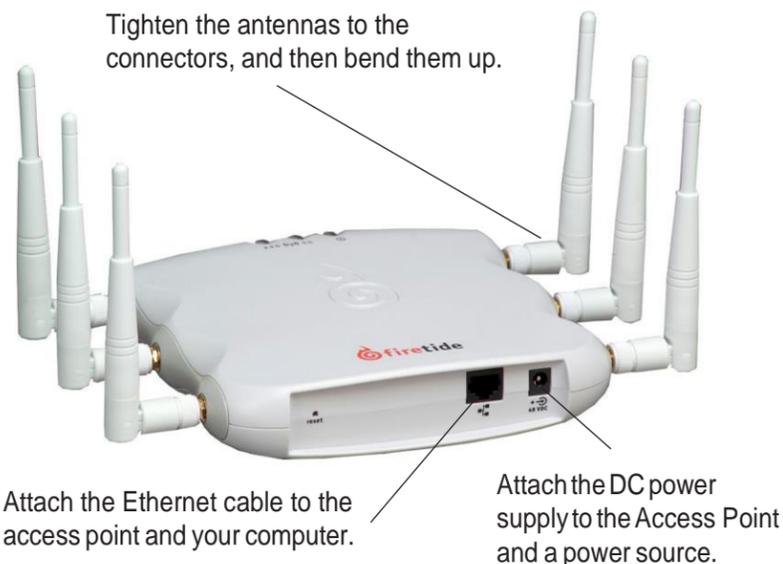
Unpack the device and accessories

1 Attach the Ethernet cable, power cable and staging antennas to the access point

Warning! Do not open the cover of the access point or power unit.

- Dangerous voltages inside.
- No serviceable parts inside.
- Refer to your Firetide reseller for repair or service.
- If you open the cover, you void the product warranty.

Tighten the antennas to the connectors, and then bend them up.

Attach the Ethernet cable to the access point and your computer.

Attach the DC power supply to the Access Point and a power source.

3 Log into the access point

Connecting your computer to the access point via Ethernet cable

You need to change the TCP/IP4 settings on your computer so you can communicate with the access point. 192.168.224.160 is the default IP address of the access point.

1. Power on the access point.

   The access point boots in 1.5 to 2 minutes. The power LED glows steady, and the other LEDs remain off.

2. From the computer connected to the access point, enter an IP address/subnet mask for your computer of the format 192.168.224.xxx (where xxx is an address on the same subnet as the access point), and 255.255.255.0.

   Caution! Do not use 192.168.224.160. It is the default address of the access point.

3. Ping 192.168.224.160 to verify Ethernet connectivity.

Logging into the web interface

1. In a browser, enter: 192.168.224.160.
2. When prompted, enter this information:
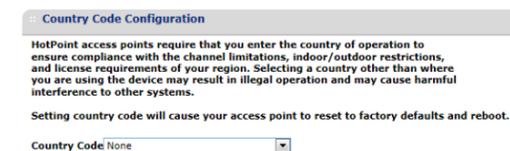   User Name: **admin**
   Password: f**iretide**
3. Click **Login**.

4 Configure the access point

After you log in, set the country code, and then do the other configuration tasks.

Setting the country code

Caution! Once you have chosen a US country code (840) or the US public safety (842), the other country options will disappear. Not even a reset to default settings will restore these options. However, if a non-US country code is selected, then the other country selections will not disappear. Note: An AP will reboot in default settings once a country code has been selected, so do not set your parameters until you have selected a country code..

> **Country Code Configuration**
>
> HotPoint access points require that you enter the country of operation to ensure compliance with the channel limitations, indoor/outdoor restrictions, and license requirements of your region. Selecting a country other than where you are using the device may result in illegal operation and may cause harmful interference to other systems.
>
> Setting country code will cause your access point to reset to factory defaults and reboot.
>
> Country Code: None

1. Go to **Configuration > System > Basic > Country Code**
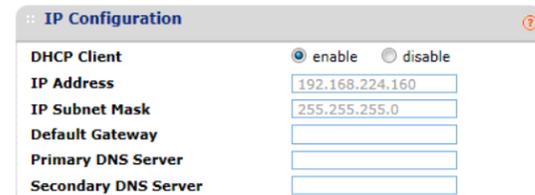2. Select the country.
3. Click **Apply**.

Changing the default password

To prevent others from easily logging into this access point, change the password to something secure. You must have the current password to be able to change the password.

1. From the main window of the **Maintenance** tab enter the information.
2. Click **Apply**.
   The system logs you out.
3. Log in with the new password to verify that the new password works.

Setting the IP address of the access point manually (optional task)

By default, DHCP is enabled. The access point automatically gets an unused IP address from the network. Optionally, you can disable DHCP and set the IP address manually.

1. Go to **Configuration > IP**
2. Select **disable** DHCP client.
3. Click **Apply**.
4. Enter an appropriate IPv4 address and subnet mask.
5. Click **Apply**.

Configuring a virtual access point

One access point can have multiple *virtual access points (VAP)*. A *VAP* is a logical subgroup within an access point that lets you assign different permissions or quality settings to different wireless users, such as guest users and trusted users.

For more information, refer to the *HotPoint 5100/5200 User Guide*.

1. Go to **Configuration > VAP > Basic**
2. Enter the settings.
   Note: In the SSID text field, change the name "firetide" to a descriptive name.
3. Click **Apply**.

Configuring WDS

1. Go to **Configuration > VAP > Click Add.**
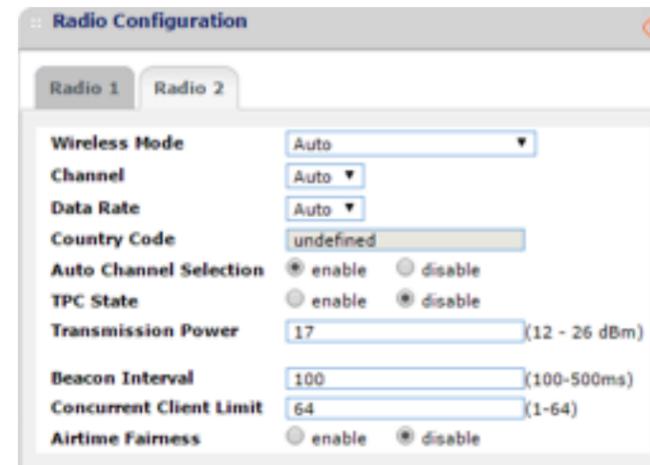2. Choose VAP Name and type is WDS Server on radio 2.
3. Click Apply.
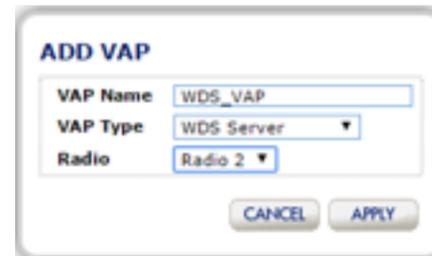
4. Select the VAP Name you had set and click enable.
5. Login to the second AP and change its IP Address.
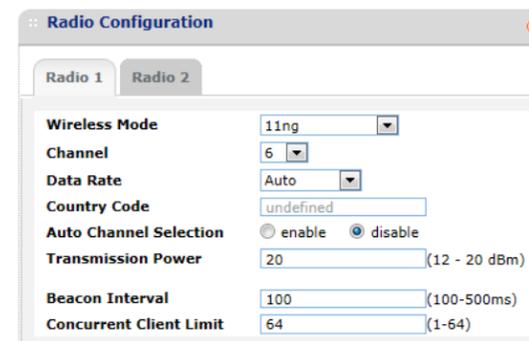6. Change radio 2 Channel to Auto, via the Wireless Mode.

7. Go to VAP tab, click add and input the same VAP name you choose in step 2
8. Select the VAP Type as WDS Client on radio 2
9. Select the VAP Name you had set and click enable.
10. Now ,both Access Points will connect via WDS configuration.

Configuring the radios

By default, Radio 1 is 11ng, and Radio 2 is 11na.

1. Go to **Configuration > Wireless**
2. Change the radio settings for your application.
3. Click **Apply**.

Resetting the access point to the factory default settings

> **Caution!** When an access point is reset, all configuration information, except for the US country code, is erased.

You can reset the access point with the reset button or with software in the web interface.

The back panel of the access point has a recessed reset button. To reset the device to the factory defaults, with a paperclip or stiff wire, press and hold the reset button for 20 seconds. When you release the button, the access point resets.

To reset the access point with the web interface:

1. Go to **Maintenance > Reboot/Reset**
2. Select **reset**.
3. Click **Apply**.

Upgrading the firmware

You can view the firmware version from the Upgrade window. If necessary you can download different firmware from http://www.firetide.com/support/support-resources/. There is an upgrade script that will allow a direct upgrade form 5.51(T).0.0 directly to the latest. The example below, shows version 5.52(T).0.0.

1. Go to **Maintenance > Upgrade**
2. Download different firmware from http://www.firetide.com/downloads.aspx.
3. Click **Browse** and navigate to where you save firmware.
4. Click **Apply**.
The access point automatically reboots.