



## HotPoint™ 5100 Access Point

### 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. For more information about safety refer to the Firetide website.



**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/downloads.aspx> for the current version.

### Technical support

Contact <http://www.firetide.com/support.aspx> or your Firetide reseller for technical support.

### What's in the box?

- HotPoint 5100 access point
- 6 staging antennas
- DC power supply and cable
- Ethernet cable
- Quick start sheet

### Not included

- Plastic tie wraps (optional)

## Installation

### 1 Unpack the device and accessories

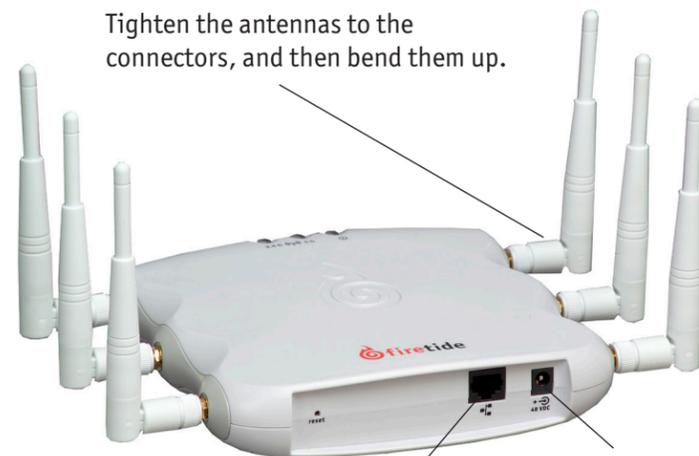


### 2 Attach the Ethernet cable, power cable and staging antennas to the access point



**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

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 2.4G LED blinks.

2. From the computer connected to the access point, do one of the following:

- Windows 7 users: go to **Start**, and then enter `View Network Connections` in the search box. Right-click on **Local Area Connection > Properties**. From the Networking tab, select **TCP/IP4**, and then click **Properties**.
- Windows XP users: go to **Start > Connect To > Show all connections > right-click Local Area Connection** and select **Properties**. Select **Internet Protocol**, and then click **Properties**.
- Windows 8 users: go to **Network and Internet > Network Connections > right-click Wired Ethernet Connection > Properties > Select Internet Protocol Version 4**, and then click **Properties**.

3. 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 then click **Apply**.

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

4. From a command prompt window, ping the access point to verify connectivity.

```
ping 192.168.224.160
```

### Logging into the web interface

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

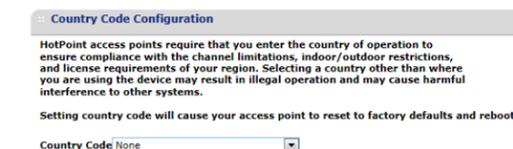
## 4 Configure the access point

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

### Setting the country code



**Caution!** Make sure you configure the access point for the correct country. If you select any country outside the United States, you can return the access point to the factory default settings with the reset button or a software reset.



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.

DHCP Client	<input checked="" type="radio"/> enable <input type="radio"/> disable
IP Address	192.168.224.160
IP Subnet Mask	255.255.255.0
Default Gateway	
Primary DNS Server	
Secondary DNS Server	

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.

### VAP Configurations - ( firetide )

SSID	firtide
SSID Supress	<input type="radio"/> enable <input checked="" type="radio"/> disable
CPE Access State	<input type="radio"/> enable <input checked="" type="radio"/> disable
Multicast Rate	1 Mbps
DTIM (Data Beacon Rate)	1 (1-255)
Transmit Power	20 (1-20)
RTS/CTS Threshold	2346 (64-2346 bytes)
Fragmentation Threshold	2346 (256-2346 bytes)

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 "firtide" to a descriptive name.
3. Click **Apply**.

## Configuring the radios

Radio 1	Radio 2
Wireless Mode	11ng
Channel	6
Data Rate	Auto
Country Code	undefined
Auto Channel Selection	<input type="radio"/> enable <input checked="" type="radio"/> disable
Transmission Power	20 (12 - 20 dBm)
Beacon Interval	100 (100-500ms)
Concurrent Client Limit	64 (1-64)

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 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.firtide.com/downloads.aspx>.

Current build version	5.52(T).0.0_1154
Select upgrade file	<input type="text"/> <input type="button" value="Browse..."/>

1. Go to **Maintenance > Upgrade**
2. Download different firmware from <http://www.firtide.com/downloads.aspx>.
3. Click **Browse** and navigate to where you save firmware.
4. Click **Apply**.

The access point automatically reboots.

## End User License Agreement

Visit the Firetide website to download a copy of the End User License Agreement (EULA).



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