

DAP-2360

Version 2.0

*Air Premier*<sup>®</sup> N PoE Access Point with Plenum-rated Chassis  
Wireless N PoE Access Point with Plenum-rated Chassis  
無線基地台



# User Manual

Business Class Networking

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# Package Contents

- D-Link DAP-2360 AirPremier® N PoE Access Point with Plenum-rated Chassis/  
Wireless N PoE Access Point with Plenum-rated Chassis  
DAP-2360無線基地台
- Power Adapter
- CAT5 Ethernet Cable
- CD-ROM with User Manual
- Install Guide

**Note:** Using a power supply with a different voltage rating than the one included with the DAP-2360 will cause damage and void the warranty for this product.



# System Requirements

- Computers with Windows®, Macintosh®, or Linux-based operating systems with an installed Ethernet Adapter
- For configuration, the following web browsers are supported:
  - Microsoft® Internet Explorer® 6.0 and higher
  - Mozilla Firefox 3.0 and higher
  - Google™ Chrome 2.0 and higher
  - Apple Safari 3.0 and higher

# Introduction

The DAP-2360 802.11n AP increases productivity by allowing you to work faster and more efficiently. With the DAP-2360, bandwidth-intensive applications like graphics or multimedia will benefit significantly because large files are now able to move across the network quickly.

The DAP-2360 is capable of operating in one of four different wireless networking modes: access point, WDS (Wireless Distribution System) with AP, WDS, or Wireless Client mode.

Use less wiring, enjoy increased flexibility, save time and money with PoE (Power over Ethernet). With PoE, the DAP-2360 shares power and data over the CAT5 cable, making the setup of your network less expensive and more convenient.

An ideal solution for quickly creating and extending a wireless local area network (WLAN) in offices or other workplaces, trade shows, and special events, the DAP-2360 provides data transfer rates up to 300Mbps. (The 802.11n standard is backwards compatible with 802.11g and 802.11b devices.)

WPA/WPA2 is offered in two options: Enterprise (used for corporations) and Personal (used for home users).

WPA-Personal and WPA2-Personal are directed towards home users who do not have the server-based equipment required for user authentication. This method of authentication is similar to WEP because you define a "Pre-Shared Key" on the wireless router/AP. Once the pre-shared key is confirmed and satisfied at both the client and access point, access is then granted. The encryption method used is referred to as the Temporal Key Integrity Protocol (TKIP), which offers per-packet dynamic hashing. It also includes an integrity checking feature which ensures that the packets were not tampered with during wireless transmission.

WPA-Enterprise and WPA2-Enterprise are ideal for businesses that already have existing security infrastructures established.

Management and security implementation can now be centralized on a server participating on the network. Utilizing 802.1X with a RADIUS (Remote Authentication Dial-in User Service) server, a network administrator can define a list of authorized users who can access the wireless LAN. When attempting to access a wireless LAN with WPA-Enterprise configured, the new client will be requested to enter a username with a password. If the new client is authorized by the administration, and enters the correct username and password, then access is granted. In the case where an employee leaves the company, the network administrator is able to remove the previous employee from the authorized list to avoid compromising the network.

EAP (Extensible Authentication Protocol) is available through the Windows® XP operating system. You will need to use the same type of EAP protocol on all devices in your network when using the 802.1X feature.

\*Maximum wireless signal rate derived from IEEE Standard 802.11n and 802.11g specifications. Actual data throughput may vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead can lower actual data throughput rate.

# Features

- **Four different operation modes** - Capable of operating in one of four different operation modes to meet your wireless networking needs: Access Point, WDS with AP, WDS, or Wireless Client.
- Faster wireless networking with the 802.11n standard to provide a maximum wireless signal rate of up to 300 Mbps\*.
- Compatible with the 802.11b standard to provide a wireless data rate of up to 11Mbps, allowing you to migrate your system to the 802.11n and 802.11g standards on your own schedule without sacrificing connectivity.
- Compatible with the 802.11g standard to provide a wireless data rate of up to 54Mbps in the 2.4GHz frequency range.
- Better security with WPA - The DAP-2360 can securely connect wireless clients on the network using WPA (Wi-Fi Protected Access) to provide a much higher level of security for your data and communications than its previous versions.
- **D-Link Central WiFiManager software** - The real-time display of the network's topology and AP's information makes network configuration and management quick and simple.
- **SNMP for management** - The DAP-2360 is not just fast, but also supports SNMP v.3 for better network management.
- Utilizes OFDM technology (Orthogonal Frequency Division Multiplexing).
- Supports 802.3af Power over Ethernet.
- Supports one 10/100/1000M Ethernet port.
- Operates in the 2.4 ~ 2.4835GHz frequency ranges.
- Web-based interface for managing and configuring.

\*Maximum wireless signal rate derived from IEEE Standard 802.11n and 802.11g specifications. Actual data throughput may vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead can lower actual data throughput rate.

# Wireless Basics

D-Link wireless products are based on industry standards to provide high-speed wireless connectivity that is easy to use within your home, business or public access wireless networks. D-Link wireless products provides you with access to the data you want, whenever and wherever you want it. Enjoy the freedom that wireless networking can bring to you.

WLAN use is not only increasing in both home and office environments, but in public areas as well, such as airports, coffee shops and universities. Innovative ways to utilize WLAN technology are allowing people to work and communicate more efficiently. Increased mobility and the absence of cabling and other types of fixed infrastructure have proven to be beneficial to many users.

Wireless adapter cards used on laptop and desktop systems support the same protocols as Ethernet adapter cards, allowing wireless users to use the same applications as those used on a wired network.

People use WLAN technology for many different purposes:

**Mobility** - productivity increases when people can have access to data in any location within the operating range of their WLAN. Management decisions based on real-time information can significantly improve the efficiency of a worker.

**Low implementation costs** - WLANs are easy to set up, manage, change and relocate. Networks that frequently change can benefit from WLAN's ease of implementation. WLANs can operate in locations where installation of wiring may be impractical.

**Installation and network expansion** - by avoiding the complications of troublesome cables, a WLAN system can be fast and easy during installation, especially since it can eliminate the need to pull cable through walls and ceilings. Wireless technology provides more versatility by extending the network beyond the home or office.

**Inexpensive solution** - wireless network devices are as competitively priced as conventional Ethernet network devices. The DAP-2360 saves money by providing users with multi-functionality configurable in four different modes.

**Scalability** - Configurations can be easily changed and range from Peer-to-Peer networks, suitable for a small number of users to larger Infrastructure networks to accommodate hundreds or thousands of users, depending on the number of wireless devices deployed.



# Standards-Based Technology

The DAP-2360 Wireless Access Point utilizes the 802.11b, 802.11g, and 802.11n standards.

The IEEE 802.11n standard is an extension of the 802.11b and 802.11g standards that came before it. It increases the maximum wireless signal rate up to 300Mbps\* within the 2.4GHz bands, utilizing OFDM technology.

This means that in most environments - within the specified range of this device - you will be able to transfer large files quickly, or even watch a movie in MPEG format over your network without noticeable delays. This technology works by transmitting high-speed digital data over a radio wave utilizing OFDM (Orthogonal Frequency Division Multiplexing) technology. OFDM works by splitting the radio signal into multiple smaller sub-signals that are then simultaneously transmitted at different frequencies to the receiver. OFDM reduces the amount of crosstalk (interference) in signal transmissions.

The D-Link DAP-2360 will automatically sense the best possible connection speed to ensure the greatest possible speed and range.

IEEE 802.11n offers the most advanced network security features available today, including WPA.

\*Maximum wireless signal rate derived from IEEE Standard 802.11n and 802.11g specifications. Actual data throughput may vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead can lower actual data throughout rate.

# Wireless Installation Considerations

The D-Link AirPremier® N wireless access point lets you access your network using a wireless connection from virtually anywhere within the operating range of your wireless network. Keep in mind, however, that the number, thickness and location of walls, ceilings, or other objects that the wireless signals must pass through, may limit the range. Typical ranges vary depending on the types of materials and background RF (radio frequency) noise in your home or business. The key to maximizing wireless range is to follow these basic guidelines:

1. Keep the number of walls and ceilings between the access point and other network devices to a minimum. Each wall or ceiling can reduce your adapter's range from 3-90 feet (1-30 meters). Position your devices so that the number of walls or ceilings is minimized.
2. Be aware of the direct line between network devices. A wall that is 1.5 feet thick (.5 meters), at a 45-degree angle appears to be almost 3 feet (1 meter) thick. At a 2-degree angle, it looks over 42 feet (14 meters) thick! Position devices so that the signal will travel straight through a wall or ceiling (instead of at an angle) for better reception.
3. Building Materials make a difference. A solid metal door or aluminum studs may have a negative effect on the range. Try to position access points, wireless routers, and computers so that the signal passes through drywall or open doorways. Materials and objects such as glass, steel, metal, walls with insulation, water (fish tanks), mirrors, file cabinets, brick, and concrete will degrade your wireless signal.
4. Keep your product away (at least 3-6 feet or 1-2 meters) from electrical devices or appliances that generate RF noise.
5. If you are using 2.4GHz cordless phones or X-10 (wireless products such as ceiling fans, lights, and home security systems), your wireless connection may degrade dramatically or drop completely. Make sure your 2.4GHz phone base is as far away from your wireless devices as possible. The base transmits a signal even if the phone is not in use.

# Hardware Overview



## Power Receptacle

The supplied power adapter connects here.

## Reset Button

A pinhole button located beside the Ethernet socket is used to reset the system or restore the factory default settings.

**Note:** After resetting the unit, you will still be able to access the data on your hard drives.

## LAN (PoE) Port

An Ethernet port that connects the unit to a network. This port can also be used to supply power to this unit using Power over Ethernet.



## Power LED

This light will be solid green when the unit is powered on.

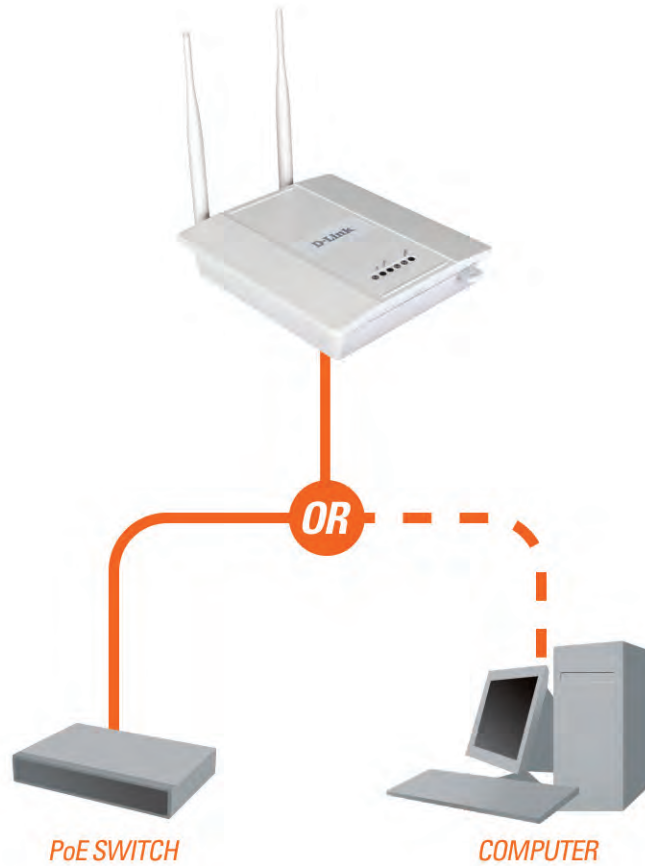
## 2.4 GHz LED

This light will be flickering green when the 2.4GHz frequency is in use.

## LAN LED

This light will be flickering green when there is active LAN traffic.

## Connect Power over Ethernet (PoE)

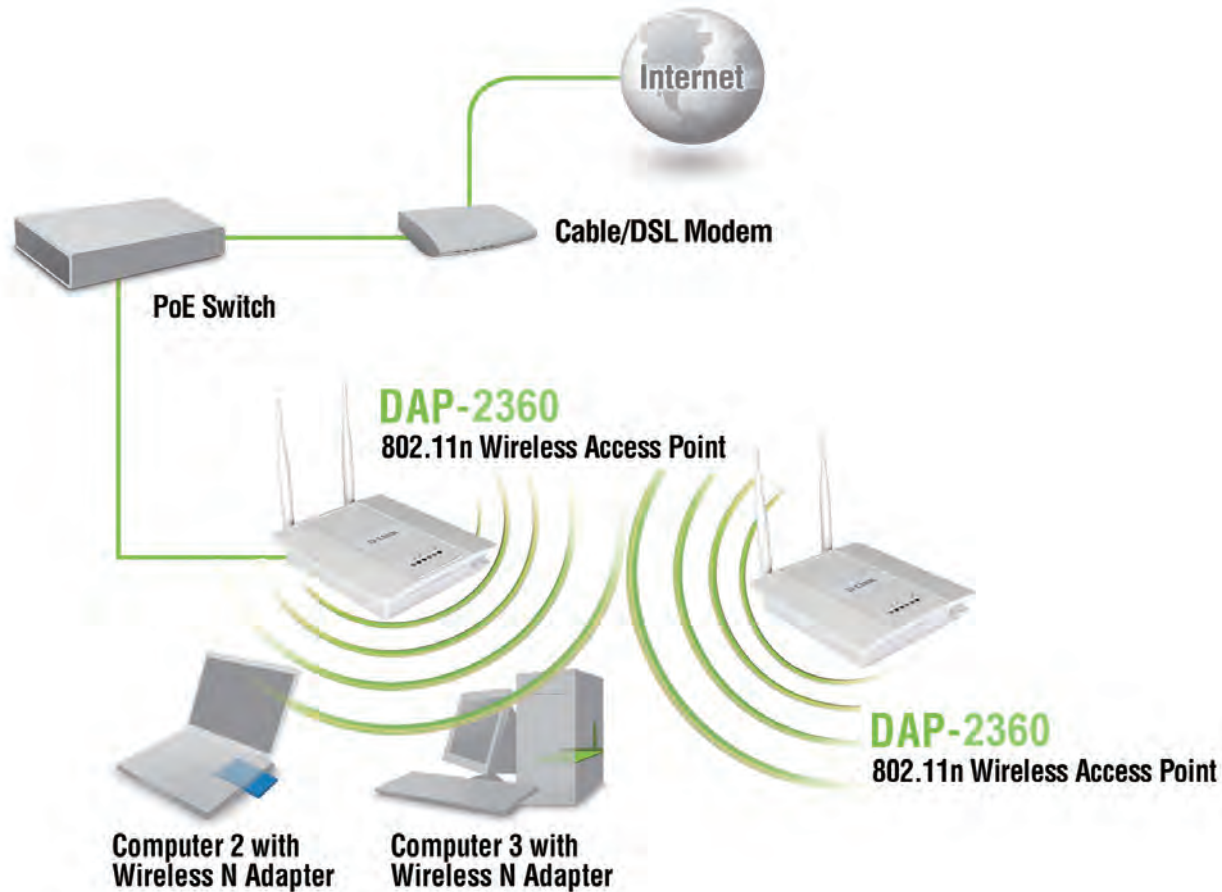


Connect one end of an Ethernet cable (included with your access point) to the LAN port on the DAP-2360 and the other end of the Ethernet cable to either your computer or to your PoE switch. The AP can be powered on by a PoE switch or by the power adapter shipped with the AP.

# Four Operational Modes

<b>Operation Mode</b> (Only supports 1 mode at a time)	<b>Function</b>
Access Point (AP)	Create a wireless LAN
WDS with AP	Wirelessly connect multiple networks while still functioning as a wireless AP
WDS	Wirelessly connect multiple networks
Wireless Client	AP acts as a wireless network adapter for your Ethernet-enabled device

# Getting Started



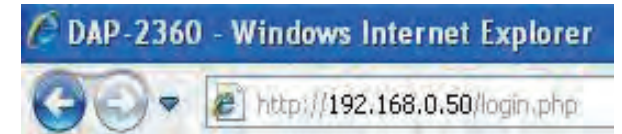
1. You will need broadband Internet access.
2. Consult with your cable or DSL provider for proper installation of the modem.
3. Connect the cable or DSL modem to a router. See the printed Install Guide included with your router.
4. If you are connecting a desktop computer to your network, install a wireless PCI adapter into an available PCI slot on your desktop computer.
5. Install the drivers for your wireless CardBus adapter into a laptop computer.

# Configuration

To configure the DAP-2360, use a computer that is connected to the DAP-2360 with an Ethernet cable (see the *Network Layout diagram*).

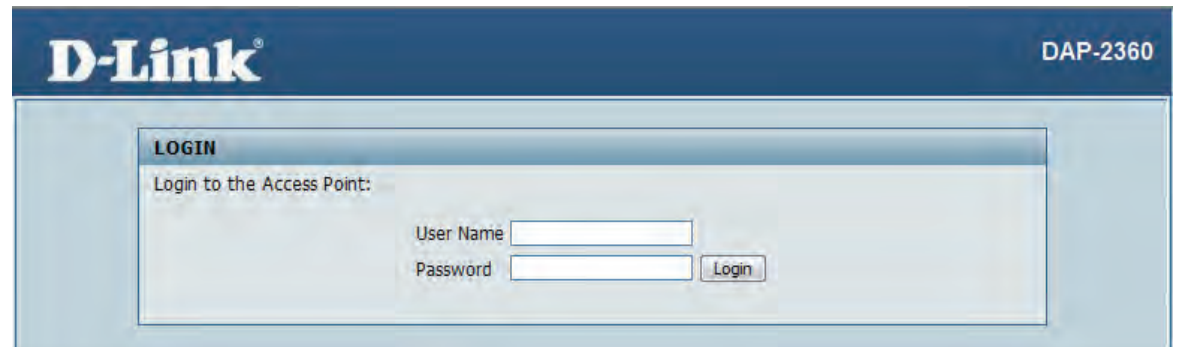
Launch your web browser.

Type the IP address of the DAP-2360 in the address field (**http://192.168.0.50**) and press **Enter**. Make sure that the IP addresses of the DAP-2360 and your computer are in the same subnet.



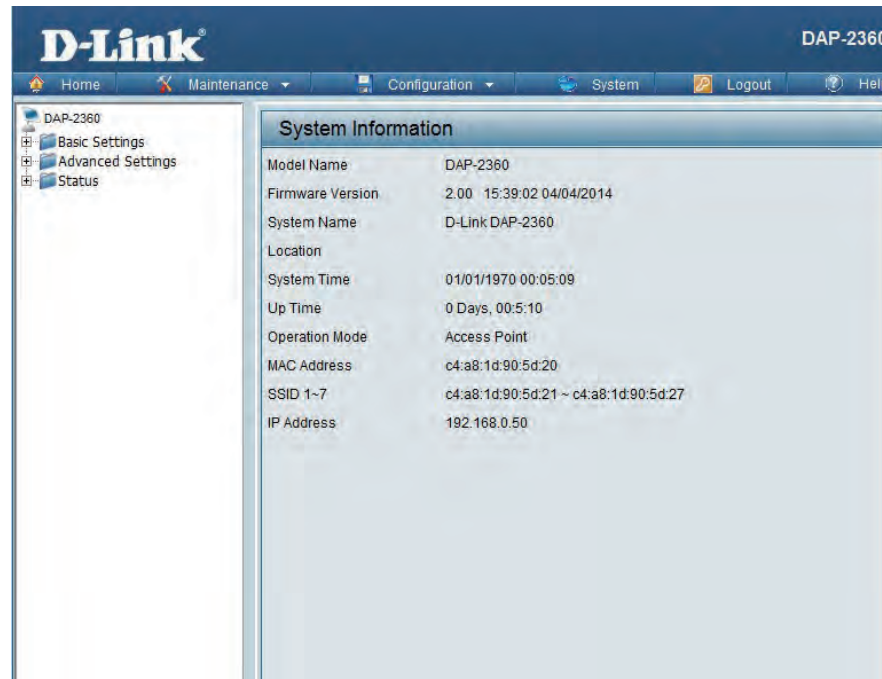
**Note:** If you have changed the default IP address assigned to the DAP-2360, make sure to enter the correct IP address.

Enter the user name (**admin**) and your password. Leave the password field blank by default and click **Login**.




**Note:** If you have changed the password, make sure to enter the correct password.

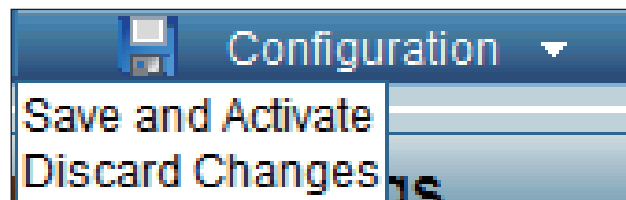
After successfully logging into the DAP-2360, the following screen will appear:



## Save and Activate Settings

When making changes on most of the configuration screens in this section, use the  button at the bottom of each screen to save (not activate) your configuration changes.

You may change settings to multiple pages before activating. Once you are finished, click the **Configuration** button located at the top of the page and then click **Save and Activate**.





# Basic Settings

## Wireless

### Access Point mode

**Wireless Band:** Select **2.4GHz** from the drop-down menu.

**Mode:** Select **Access Point** from the drop-down menu. The other three choices are **WDS with AP**, **WDS**, and **Wireless Client**.

**Network Name (SSID):** Service Set Identifier (SSID) is the name designated for a specific wireless local area network (WLAN). The SSID's factory default setting is **dlink**. The SSID can be easily changed to connect to an existing wireless network or to establish a new wireless network. The SSID can be up to 32 characters and is case-sensitive.

**SSID Visibility:** **Enable** or **Disable** SSID visibility. Enabling this feature broadcasts the SSID across the network, thus making it visible to all network users.

**Auto Channel Selection:** Enabling this feature automatically selects the channel that provides the best wireless performance. **Enable** is set by default. The channel selection process only occurs when the AP is booting up.

**Channel:** All devices on the network must share the same channel. To change the channel, first toggle the Auto Channel Selection setting to **Disable**, and then use the drop-down menu to make the desired selection.

*Note: The wireless adapters will automatically scan and match the wireless settings.*



**Channel Width:** Allows you to select the channel width you would like to operate in. Select **20 MHz** if you are not using any 802.11n wireless clients. **Auto 20/40 MHz** allows you to connect to both 802.11n and 802.11b/g wireless devices on your network.

**Authentication:** Use the drop-down menu to choose **Open System, Shared Key, WPA-Personal, WPA-Enterprise, or 802.11x**.

Select **Open System** to communicate the key across the network.

Select **Shared Key** to limit communication to only those devices that share the same WEP settings. If multi-SSID is enabled, this option is not available.

Select **WPA-Personal** to secure your network using a password and dynamic key changes. No RADIUS server is required.

Select **WPA-Enterprise** to secure your network with the inclusion of a RADIUS server.

Select **802.1x** to secure your network using 802.1x authentication.

## WDS with AP mode

In WDS with AP mode, the DAP-2360 wirelessly connects multiple networks while still functioning as a wireless AP.

**Wireless Band:** Select **2.4GHz** from the drop-down menu.

**Mode:** **WDS with AP** mode is selected from the drop-down menu.

**Network Name (SSID):** Service Set Identifier (SSID) is the name designated for a specific wireless local area network (WLAN). The SSID's factory default setting is **dlink**. The SSID can be easily changed to connect to an existing wireless network or to establish a new wireless network.

**SSID Visibility:** **Enable** or **Disable** SSID visibility. Enabling this feature broadcasts the SSID across the network, thus making it visible to all network users.

**Auto Channel Selection:** Enabling this feature automatically selects the channel that will provide the best wireless performance. This feature is not supported in WDS with AP mode. The channel selection process only occurs when the AP is booting up.

**Channel:** To change the channel, use the drop-down menu to make the desired selection. (Note: The wireless adapters will automatically scan and match the wireless settings.)

**Channel Width:** Indicates whether the device is capable of 20MHz operation only or both 20MHz and 40MHz operation.

The screenshot displays the D-Link DAP-2360 configuration interface. The main content area is titled "Wireless Settings". The "Wireless Band" is set to "2.4GHz", "Mode" is "WDS with AP", "Network Name (SSID)" is "dlink", "SSID Visibility" is "Enable", "Auto Channel Selection" is "Disable", "Channel" is "11", "Channel Width" is "20 MHz", and "Captive Profile" is "Disable". Below this, the "WDS" section includes "Remote AP MAC Address" fields (1-8) and a "Site Survey" section with a "Scan" button and a table with columns CH, RSSI, BSSID, Security, and SSID. The "Authentication" section includes "Open System" mode, "Key Settings" (Disable selected), "Encryption" (Disable selected), "Key Type" (HEX), "Key Size" (64 Bits), "Key Index(1~4)" (1), "Network Key", and "Confirm Key".

## Section 3 - Configuration

- Remote AP MAC Address:** Enter the MAC addresses of the APs on your network that will serve as bridges to wirelessly connect multiple networks.
- Site Survey:** Click on the **Scan** button to search for available wireless networks, then click on the available network that you want to connect with.
- Authentication:** Use the drop-down menu to choose **Open System**, **Shared Key**, or **WPA-Personal**.  
Select **Open System** to communicate the key across the network.  
Select **Shared Key** to limit communication to only those devices that share the same WEP settings. If multi-SSID is enabled, this option is not available.  
Select **WPA-Personal** to secure your network using a password and dynamic key changes. No RADIUS server is required.

## WDS mode

In WDS mode, the DAP-2360 wirelessly connects multiple networks, without functioning as a wireless AP.

- Wireless Band:** Select **2.4GHz** from the drop-down menu.
- Mode:** **WDS** is selected from the drop-down menu.
- Network Name (SSID):** Service Set Identifier (SSID) is the name designated for a specific wireless local area network (WLAN). The SSID's factory default setting is **dlink**. The SSID can be easily changed to connect to an existing wireless network or to establish a new wireless network.
- SSID Visibility:** **Enable** or **Disable** SSID visibility. Enabling this feature broadcasts the SSID across the network, thus making it visible to all network users.
- Auto Channel Selection:** Enabling this feature automatically selects the channel that will provide the best wireless performance. This feature is not supported in WDS mode.
- Channel:** All devices on the network must share the same channel. To change the channel, use the drop-down menu to make the desired selection.
- Channel Width:** Use the drop-down menu to choose **20 MHz** or **Auto 20/40 MHz**.
- Remote AP MAC Address:** Enter the MAC addresses of the APs on your network that will serve as bridges to wirelessly connect multiple networks.

The screenshot displays the D-Link DAP-2360 configuration interface. The 'Wireless Settings' section is active, showing the following configuration:

- Wireless Band: 2.4GHz
- Mode: WDS
- Network Name (SSID): dlink
- SSID Visibility: Enable
- Auto Channel Selection: Disable
- Channel: 11
- Channel Width: 20 MHz
- Captive Profile: Disable

The WDS section includes eight input fields for Remote AP MAC Address (1-8) and a Site Survey section with a Scan button and a table with columns CH, RSSI, BSSID, Security, and SSID.

The Authentication section is set to Open System, with Key Settings set to Disable, Encryption set to Disable, Key Type set to HEX, Key Size set to 64 Bits, and Key Index set to 1. The Network Key and Confirm Key fields are empty.

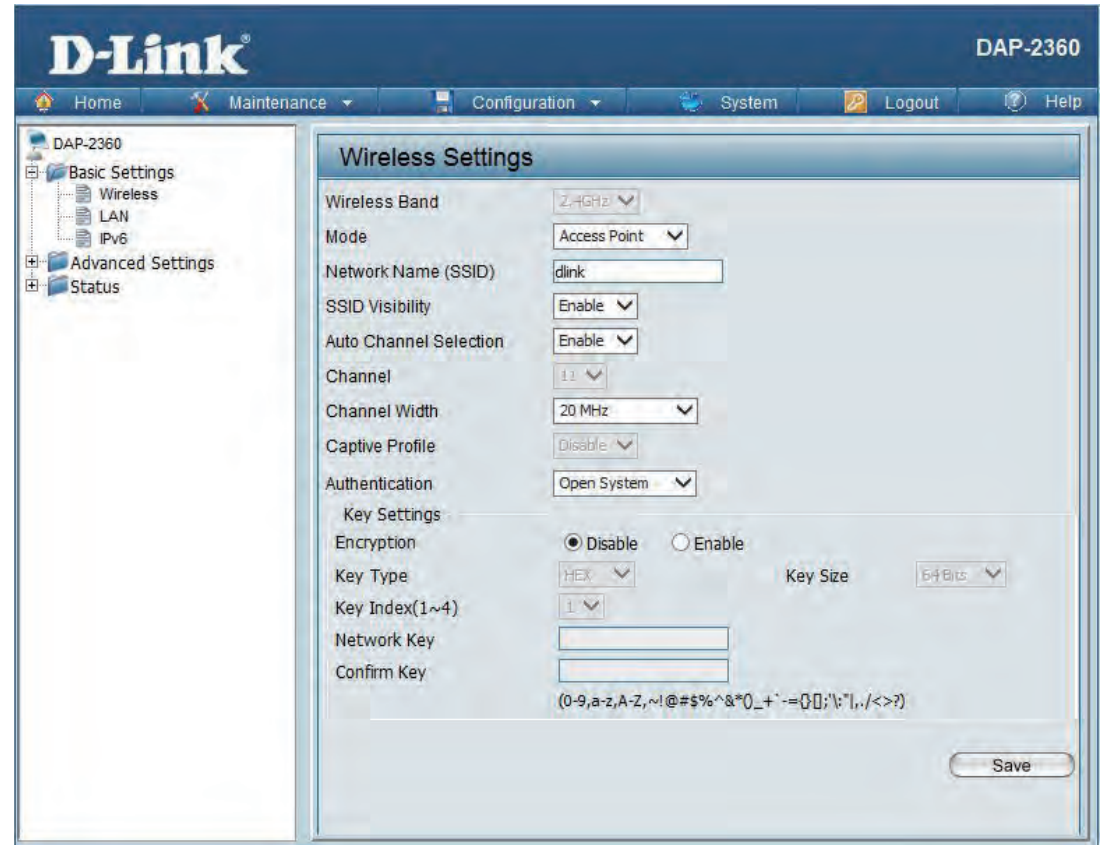
**Site Survey:** Click on the **Scan** button to search for available wireless networks, then click on the available network that you want to connect with.

**Authentication:** Use the drop-down menu to choose **Open System, Shared Key, or WPA-Personal**.  
Select **Open System** to communicate the key across the network.  
Select **Shared Key** to limit communication to only those devices that share the same WEP settings.  
Select **WPA-Personal** to secure your network using a password and dynamic key changes. No RADIUS server is required.



## Open System/Shared Key Authentication

- Encryption:** Use the radio button to disable or enable encryption.
- Key Type\*:** Select HEX or ASCII.
- Key Size:** Select 64 Bits or 128 Bits.
- Key Index (1-4):** Select the 1st through the 4th key to be the active key.
- Key:** Input up to four keys for encryption. You will select one of these keys in the Key Index drop-down menu.



*\*\*Hexadecimal (HEX) digits consist of the numbers 0-9 and the letters A-F.*

*\*ASCII (American Standard Code for Information Interchange) is a code that represents English letters using numbers ranging from 0-127.*



## WPA/WPA2-Personal Authentication

**WPA Mode:** When **WPA-Personal** is selected for Authentication type, you must also select a WPA mode from the drop-down menu: **AUTO (WPA or WPA2)**, **WPA2 Only**, or **WPA Only**. WPA and WPA2 use different algorithms. **AUTO (WPA or WPA2)** allows you to use both WPA and WPA2.

**Cipher Type:** When you select **WPA-Personal**, you must also select **AUTO**, **AES**, or **TKIP** from the drop-down menu.

**Group Key Update:** Select the interval during which the group key will be valid. The default value of **1800** is recommended. Select **Manual** to enter your key (PassPhrase).

**Periodical Key Change:** You can select **Periodical Key Change** to have the access point automatically change your PassPhrase. Enter the Activate From time and the time in hours to change the key.

**PassPhrase:** When you select **WPA-Personal**, please enter a PassPhrase in the corresponding field.

The screenshot displays the 'Wireless Settings' page for a D-Link DAP-2360 device. The interface includes a navigation menu on the left with options like 'Basic Settings', 'Wireless', 'LAN', 'IPv6', 'Advanced Settings', and 'Status'. The main content area is titled 'Wireless Settings' and contains the following configuration fields:

- Wireless Band:** 2.4GHz
- Mode:** Access Point
- Network Name (SSID):** dlink
- SSID Visibility:** Enable
- Auto Channel Selection:** Enable
- Channel:** 11
- Channel Width:** 20 MHz
- Captive Profile:** Disable
- Authentication:** WPA-Personal
- PassPhrase Settings:**
  - WPA Mode:** AUTO (WPA or WPA2)
  - Cipher Type:** Auto
  - Group Key Update Interval:** 3600 (Seconds)
  - Manual:** Selected
  - Periodical Key Change:** Unselected
  - Activated From:** Sun, 00:00
  - Time Interval:** 1 (1~168)hour(s)
  - PassPhrase:** [Empty field]
  - Confirm PassPhrase:** [Empty field]

A notice at the bottom of the settings area states: 'notice: 8~63 in ASCII or 64 in Hex. (0-9,a-z,A-Z,~!@#%&\*0\_+`=}{;':",./<>?)'. A 'Save' button is located at the bottom right of the settings area.

## WPA/WPA2-Enterprise Authentication

**WPA Mode:** When **WPA-Enterprise** is selected, you must also select a WPA mode from the drop-down menu: **AUTO (WPA or WPA2)**, **WPA2 Only**, or **WPA Only**. WPA and WPA2 use different algorithms. **AUTO (WPA or WPA2)** allows you to use both WPA and WPA2.

**Cipher Type:** When WPA-Enterprise is selected, you must also select a cipher type from the drop-down menu: **Auto**, **AES**, or **TKIP**.

**Group Key Update Interval:** Select the interval during which the group key will be valid. The recommended value is **1800**. A lower interval may reduce data transfer rates.

**Network Access Protection:** Enable or disable Microsoft Network Access Protection.

**RADIUS Server:** Enter the IP address of the RADIUS server.

**RADIUS Port:** Enter the RADIUS port.

**RADIUS Secret:** Enter the RADIUS secret.

## 802.1x Authentication

**Key Update Interval:** Select the interval during which the group key will be valid (300 is the recommended value). A lower interval may reduce data transfer rates.

**RADIUS Server:** Enter the IP address of the RADIUS server.

**RADIUS Port:** Enter the RADIUS port.

**RADIUS Secret:** Enter the RADIUS secret.

The screenshot shows the D-Link DAP-2360 web interface. The 'Wireless Settings' page is displayed. Under the 'Authentication' dropdown, '802.1X' is selected. The 'RADIUS Server Settings' section is expanded, showing a 'Key Update Interval' of 300 seconds. Below this, there are sections for 'RADIUS Server Mode' (with 'External' selected), 'Primary RADIUS Server Setting', 'Backup RADIUS Server Setting (Optional)', 'Primary Accounting Server Setting', and 'Backup Accounting Server Setting (Optional)'. Each of these sections contains input fields for 'RADIUS Server', 'RADIUS Port', and 'RADIUS Secret'. The 'Save' button is located at the bottom right of the configuration area.

# LAN

LAN is short for Local Area Network. This is considered your internal network. These are the IP settings of the LAN interface for the DAP-2360. These settings may be referred to as private settings. You may change the LAN IP address if needed. The LAN IP address is private to your internal network and cannot be seen on the Internet.

**Get IP From:** **Static IP (Manual)** is chosen here. Choose this option if you do not have a DHCP server in your network, or if you wish to assign a static IP address to the DAP-2360. When **Dynamic IP (DHCP)** is selected, the other fields here will be grayed out. Please allow about two minutes for the DHCP client to be functional once this selection is made.

**IP Address:** The default IP address is 192.168.0.50. Assign a static IP address that is within the IP address range of your network.

**Subnet Mask:** Enter the subnet mask. All devices in the network must share the same subnet mask.

**Default Gateway:** Enter the IP address of the gateway in your network. If there is a gateway in your network, please enter an IP address within the range of your network.

**DNS:** Enter the DNS IP address used here.

The screenshot shows the D-Link DAP-2360 web interface. The top navigation bar includes Home, Maintenance, Configuration, System, Logout, and Help. The left sidebar shows a tree view with DAP-2360, Basic Settings (Wireless, LAN, IPv6), Advanced Settings, and Status. The main content area is titled 'LAN Settings' and contains the following fields:

Get IP From	Static IP (Manual)
IP Address	192.168.0.50
Subnet Mask	255.255.255.0
Default Gateway	
DNS	

A 'Save' button is located at the bottom right of the settings area.

# IPv6

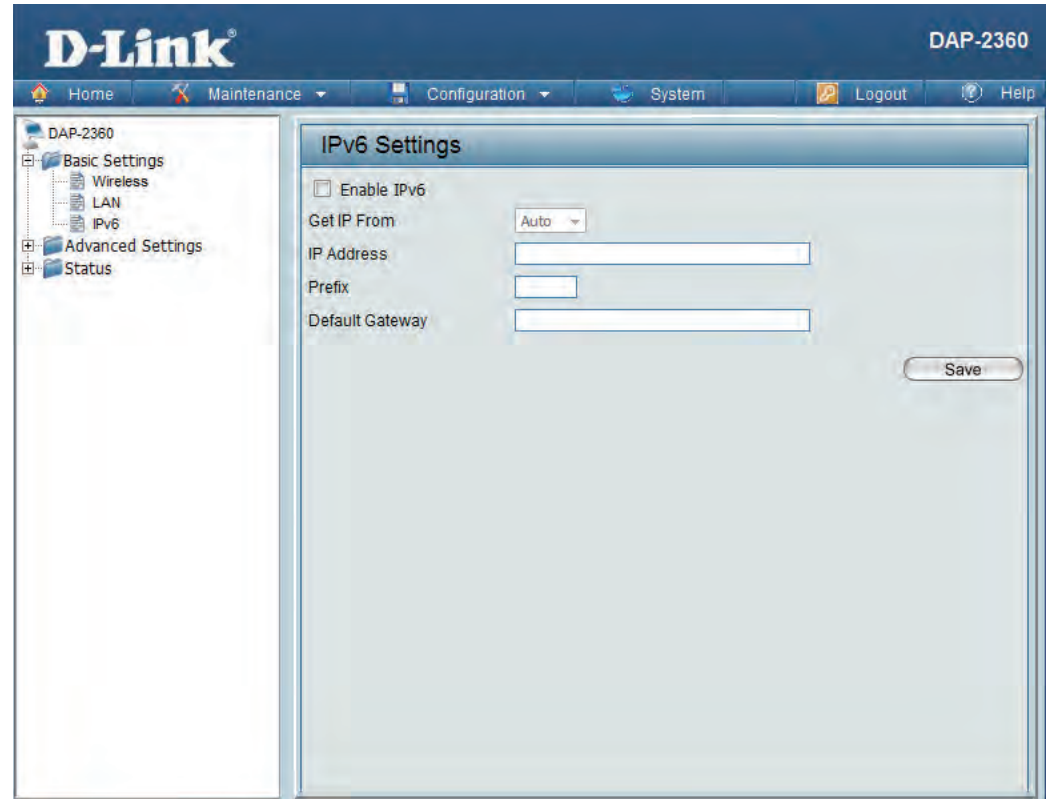
**Enable IPv6:** Check to enable the IPv6

**Get IP From:** Auto is chosen here. Choose this option the DAP-2360 can get IPv6 address automatically or use Static to set IPv6 address manually. When Auto is selected, the other fields here will be grayed out.

**IP Address:** Enter the LAN IPv6 address used here.

**Prefix:** Enter the LAN subnet prefix length value used here.

**Default Gateway:** Enter the LAN default gateway IPv6 address used here.



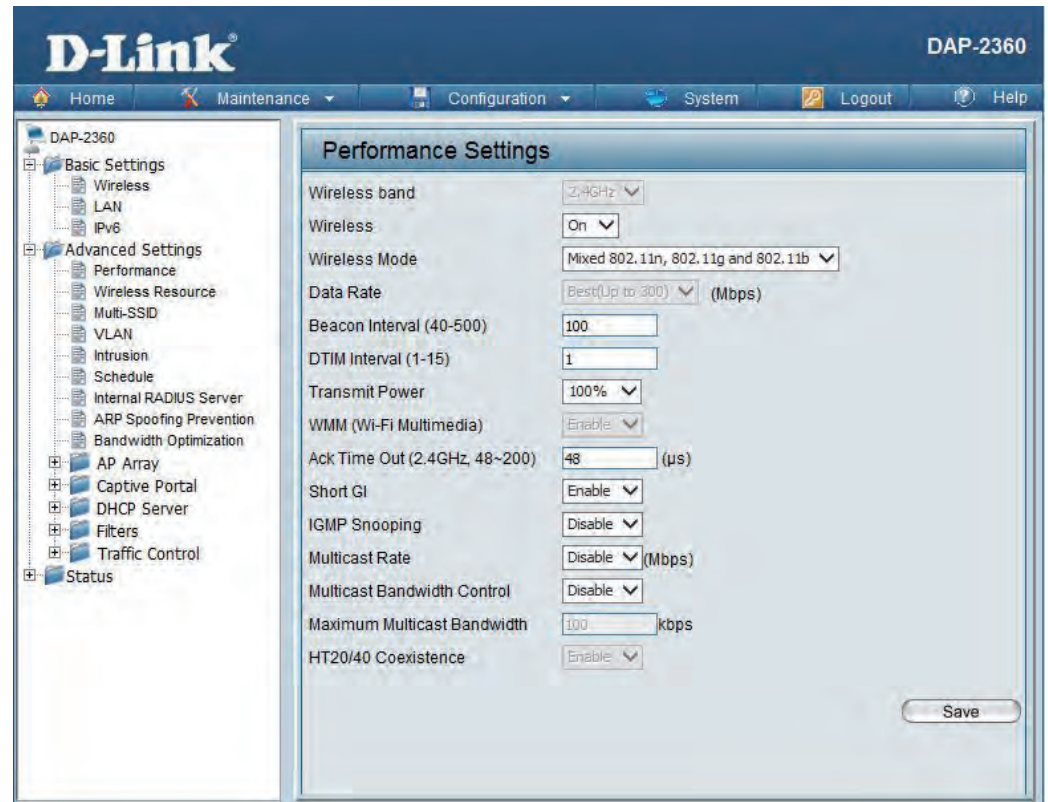
# Advanced Settings

## Performance

**Wireless:** Use the drop-down menu to turn the wireless function **On** or **Off**.

**Wireless Mode:** The different combination of clients that can be supported include **Mixed 802.11n, 802.11g and 802.11b, Mixed 802.11g and 802.11b and 802.11n Only**. Please note that when backwards compatibility is enabled for legacy (802.11g/b) clients, degradation of 802.11n wireless performance is expected.

**Data Rate\*:** Indicate the base transfer rate of wireless adapters on the wireless LAN. The AP will adjust the base transfer rate depending on the base rate of the connected device. If there are obstacles or interference, the AP will step down the rate. This option is enabled in **Mixed 802.11g and 802.11b** mode. The choices available are **Best (Up to 54), 54, 48, 36, 24, 18, 12, 9, 6, 11, 5.5, 2** or **1**.



\*Maximum wireless signal rate derived from IEEE Standard 802.11n and 802.11g specifications. Actual data throughput may vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead can lower actual data throughput rate.

<b>Beacon Interval (25-500):</b>	Beacons are packets sent by an access point to synchronize a wireless network. Specify a value in milliseconds. The default ( <b>100</b> ) is recommended. Setting a higher beacon interval can help to save the power of wireless clients, while setting a lower one can help a wireless client connect to an access point faster.
<b>DTM Interval (1-15):</b>	Select a Delivery Traffic Indication Message setting between <b>1</b> and <b>15</b> . The default value is <b>1</b> . DTIM is a countdown informing clients of the next window for listening to broadcast and multicast messages.
<b>Transmit Power:</b>	This setting determines the power level of the wireless transmission. Transmitting power can be adjusted to eliminate overlapping of wireless area coverage between two access points where interference is a major concern. For example, if wireless coverage is intended for half of the area, then select <b>50%</b> as the option. Use the drop-down menu to select <b>100%</b> , <b>50%</b> , <b>25%</b> , or <b>12.5%</b> .
<b>WMM (Wi-Fi Multimedia):</b>	WMM stands for Wi-Fi Multimedia. Enabling this feature will improve the user experience for audio and video applications over a Wi-Fi network.
<b>Ack Time Out (2.4 GHZ, 64~200):</b>	To effectively optimize throughput over long distance links, enter a value for Acknowledgement Time Out from <b>64</b> to <b>200</b> microseconds in the 2.4 GHz in the field provided.
<b>Short GI:</b>	Select <b>Enable</b> or <b>Disable</b> . Enabling a short guard interval can increase throughput. However, be aware that it can also increase the error rate in some installations due to increased sensitivity to radio-frequency installations.
<b>IGMP Snooping:</b>	Select <b>Enable</b> or <b>Disable</b> . Internet Group Management Protocol allows the AP to recognize IGMP queries and reports sent between routers and an IGMP host (wireless STA). When IGMP snooping is enabled, the AP will forward multicast packets to an IGMP host based on IGMP messages passing through the AP.
<b>Connection Limit:</b>	Select <b>Enable</b> or <b>Disable</b> . This is an option for load balancing. This determines whether to limit the number of users accessing this device. The exact number is entered in the User Limit field below. This feature allows the user to share the wireless network traffic and the client using multiple APs. If this function is enabled, when the number of users exceeds this value, the DAP-2360 will not allow clients to associate with the AP.
<b>User Limit (0-64):</b>	Set the maximum amount of users that are allowed access ( <b>0-64</b> users). To use this feature, the Connection Limit above must be enabled. For most users, a limit of <b>10</b> is recommended. The default setting is <b>20</b> .
<b>Multicast Rate for 2.4G Band</b>	Select the multicast rate for 2.4G band. The choices available are 130,117,78,65,58.5,54, 52,48, 39,36, 26,24, 19.5,18, 13,12, 9, 6.5,6, 11, 5.5, 2 or 1.

## Wireless Resource

The Wireless Resource Control window is used to configure the wireless connection settings so that the device can detect the better wireless connection in your environment.

**Wireless band:** Select **2.4GHz** or **5GHz**.

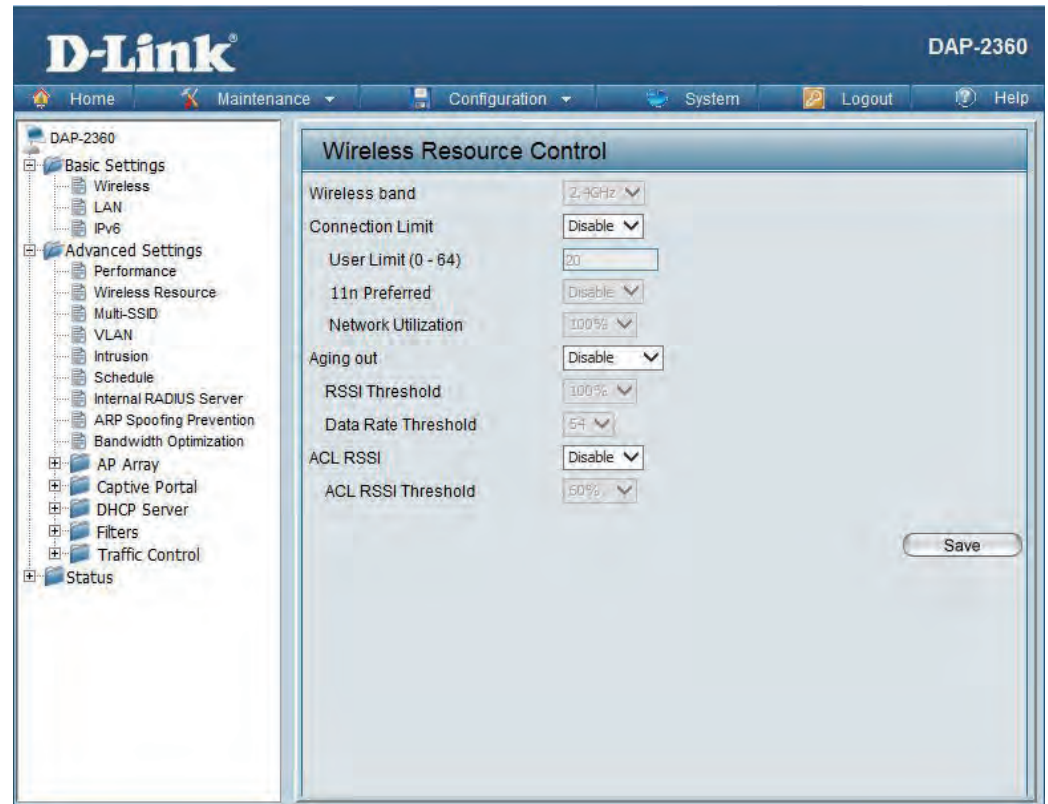
**Band Steering:** Use the drop-down menu to **Enable** the 5G Preferred function. When the wireless clients support both 2.4GHz and 5GHz and the 2.4GHz signal is not strong enough, the device will use 5G as higher priority.

**Band Steering Age:** Enter the time in seconds to specify the interval of updating information.

**Band Steering Difference:** The 5G preferred difference value is equal to the number of 5GHz wireless client connections minus the number of 2.4GHz wireless client connections. If the number of 5GHz wireless client connections minus the number of 2.4GHz wireless client connections exceed this value, the extra 5GHz wireless client connections will be forced to connect to the 2.4GHz band and not the 5GHz band.

**Band Steering Refuse Number:** Enter the maximum 5G connection attempts allowed before the 5G preferred function will be disabled for the wireless station connection.

**Connection Limit:** Select **Enable** or **Disable**. This is an option for load balancing. This determines whether to limit the number of users accessing this device. The exact number is entered in the User Limit field below. This feature allows the user to share the wireless network traffic and the client using multiple APs. If this function is enabled and when the number of users exceeds this value, or the network utilization of this AP exceeds the percentage that has been specified, the DAP-2660 will not allow clients to associate with the AP.





## Section 3 - Configuration

<b>User Limit:</b>	Set the maximum amount of users that are allowed access (zero to 64 users) to the device using the specified wireless band. The default setting is 20.
<b>11n Preferred:</b>	Use the drop-down menu to <b>Enable</b> the 11n Preferred function. The wireless clients with 802.11n protocol will have higher priority to connect to the device.
<b>Network Utilization:</b>	Set the maximum utilization of this access point for service. The DAP-2660 will not allow any new clients to associate with the AP if the utilization exceeds the value the user specifies. Select a utilization percentage between 100%, 80%, 60%, 40%, 20%, or 0%. When this network utilization threshold is reached, the device will pause one minute to allow network congestion to dissipate.
<b>Aging out:</b>	Use the drop-down menu to select the criteria of disconnecting the wireless clients. Available options are <b>RSSI</b> and <b>Data Rate</b> .
<b>RSSI Threshold:</b>	When <b>RSSI</b> is selected in the <b>Aging out</b> drop-down menu, select the percentage of RSSI here. When the RSSI of wireless clients is lower than the specified percentage, the device disconnects the wireless clients.
<b>Data Rate Threshold:</b>	When <b>Data Rate</b> is selected in the <b>Aging out</b> drop-down menu, select the threshold of data rate here. When the data rate of wireless clients is lower than the specified number, the device disconnects the wireless clients.
<b>ACL RSSI:</b>	Use the drop-down menu to <b>Enable</b> the function. When enabled, the device denies the connection request from the wireless clients with the RSSI lower than the specified threshold below.
<b>ACL RSSI Threshold:</b>	Set the ACL RSSI Threshold.

# Multi-SSID

The device supports up to four multiple Service Set Identifiers. In the **Basic > Wireless** section, you can set the Primary SSID. The SSID's factory default setting is **dlink**. The SSID can be easily changed to connect to an existing wireless network or to establish a new wireless network.

**Enable Multi-SSID:** Check to enable support for multiple SSIDs.

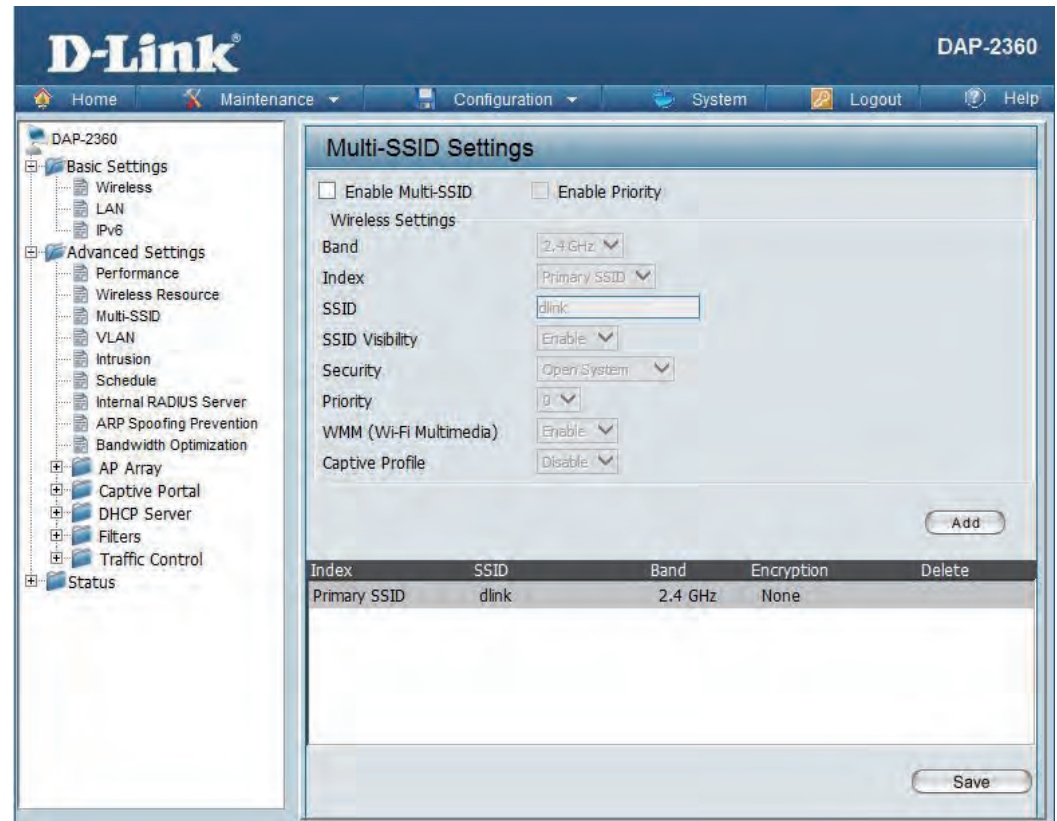
**Band:** This read-only value is the current band setting.

**Index:** You can select up to three multi-SSIDs. With the Primary SSID, you have a total of four multi-SSIDs.

**SSID:** Service Set Identifier (SSID) is the name designated for a specific wireless local area network (WLAN). The SSID's factory default setting is **dlink**. The SSID can be easily changed to connect to an existing wireless network or to establish a new wireless network.

**SSID Visibility:** **Enable** or **Disable** SSID visibility. Enabling this feature broadcasts the SSID across the network, thus making it visible to all network users.

**Security:** The Multi-SSID security can be **Open System**, **WPA-Personal**, **WPA-Enterprise**, or **802.1x**. For a detailed description of the Open System parameters, please go to page 25. For a detailed description of the WPA-Personal parameters, please go to page 26. For a detailed description of the WPA-Enterprise parameters, please go to page 27. For a detailed description of the O802.1x parameters, please go to page 28.



## Section 3 - Configuration

<b>Priority:</b>	Check the <b>Enable Priority</b> box at the top of this window to enable. Select the priority from the drop-down menu.
<b>WMM (Wi-Fi Multimedia):</b>	Select <b>Enable</b> or <b>Disable</b> .
<b>Encryption:</b>	When you select <b>Open System</b> , toggle between <b>Enable</b> and <b>Disable</b> . If <b>Enable</b> is selected, the Key Type, Key Size, Key Index (1~4), Key, and Confirm Keys must also be configured.
<b>Key Type:</b>	Select <b>HEX</b> or <b>ASCII</b> .
<b>Key Size:</b>	Select <b>64 Bits</b> or <b>128 Bits</b> .
<b>Key Index (1-4):</b>	Select from the 1st to 4th key to be set as the active key.
<b>Key:</b>	Input up to four keys for encryption. You will select one of these keys in the Key Index drop-down menu.
<b>WPA Mode:</b>	When you select either <b>WPA-Personal</b> or <b>WPA-Enterprise</b> , you must also choose a WPA mode from the drop-down menu: <b>AUTO (WPA or WPA2)</b> , <b>WPA2 Only</b> , or <b>WPA Only</b> . WPA and WPA2 use different algorithms. <b>AUTO (WPA or WPA2)</b> allows you to use both WPA and WPA2. In addition, you must configure Cipher Type and Group Key Update Interval.
<b>Cipher Type:</b>	Select <b>Auto</b> , <b>AES</b> , or <b>TKIP</b> from the drop-down menu.
<b>Group Key Update Interval:</b>	Select the interval during which the group key will be valid. The default value of <b>1800</b> seconds is recommended.
<b>PassPhrase:</b>	When you select <b>WPA-Personal</b> , please enter a PassPhrase in the corresponding field.
<b>Confirm PassPhrase:</b>	When you select <b>WPA-Personal</b> , please re-enter the PassPhrase entered in the previous item in the corresponding field.
<b>RADIUS Server:</b>	When you select <b>WPA-Enterprise</b> , enter the IP address of the RADIUS server. In addition, you must configure RADIUS Port and RADIUS Secret.
<b>RADIUS Port:</b>	Enter the RADIUS port.
<b>RADIUS Secret:</b>	Enter the RADIUS secret.

# VLAN

## VLAN List

The DAP-2360 supports VLANs. VLANs can be created with a Name and VID. Mgmt (TCP stack), LAN, Primary/Multiple SSID, and WDS connection can be assigned to VLANs as they are physical ports. Any packet which enters the DAP-2360 without a VLAN tag will have a VLAN tag inserted with a PVID.

The VLAN List tab displays the current VLANs.

**VLAN Status:** Use the radio button to toggle between **Enable** or **Disable**. Next, go to the **Add/Edit VLAN** tab to add or modify an item on the **VLAN List** tab.

The screenshot shows the D-Link DAP-2360 web interface. The top navigation bar includes Home, Maintenance, Configuration, System, Logout, and Help. The left sidebar shows a tree view of settings categories: Basic Settings (Wireless, LAN, IPv6), Advanced Settings (Performance, Wireless Resource, Multi-SSID, VLAN, Intrusion, Schedule, Internal RADIUS Server, ARP Spoofing Prevention, Bandwidth Optimization), AP Array, Captive Portal, DHCP Server, Filters, Traffic Control, and Status.

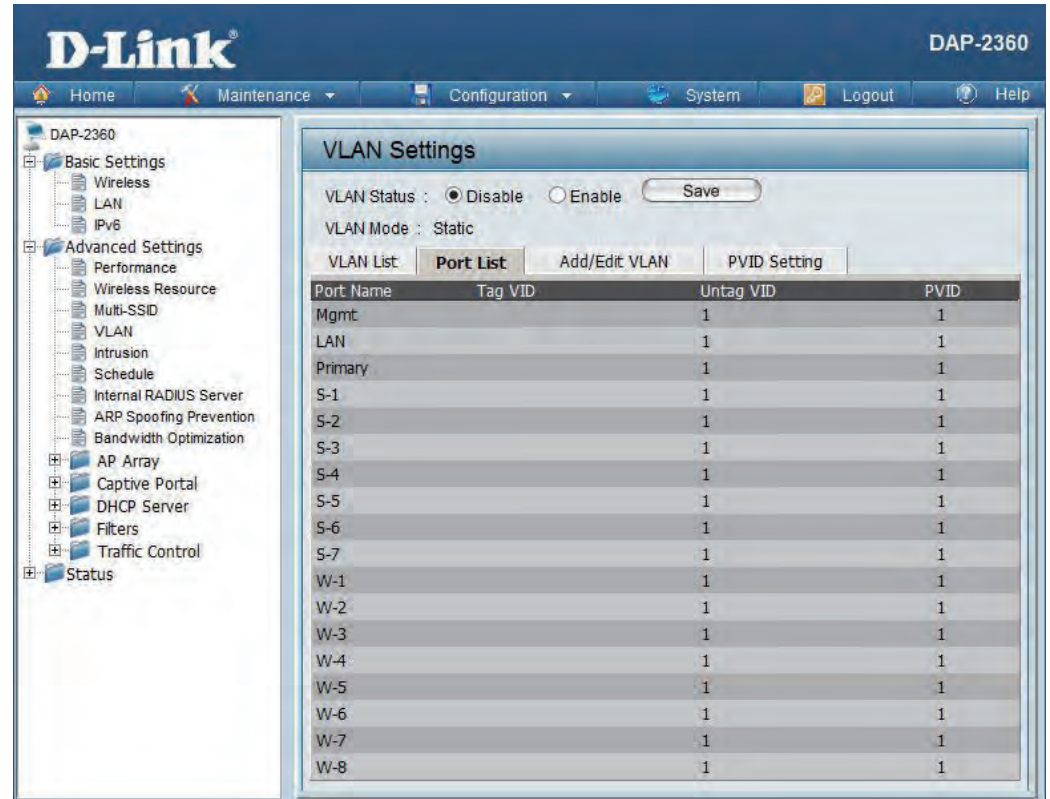
The main content area is titled 'VLAN Settings'. It features a 'VLAN Status' section with radio buttons for 'Disable' (selected) and 'Enable', and a 'Save' button. Below this is the 'VLAN Mode' set to 'Static'. There are four tabs: 'VLAN List', 'Port List', 'Add/Edit VLAN', and 'PVID Setting'. The 'VLAN List' tab is active, displaying a table with the following data:

VID	VLAN Name	Untag VLAN Ports	Tag VLAN Ports	Edit	Delete
1	default	Mgmt, LAN, Primary, S-1, S-2, S-3, S-4, S-5, S-6, S-7, W-1, W-2, W-3, W-4, W-5, W-6, W-7, W-8			

## Port List

The Port List tab displays the current ports. If you want to configure the guest and internal networks on a Virtual LAN (VLAN), the switch and DHCP server you are using must also support VLANs. As a prerequisite step, configure a port on the switch for handling VLAN tagged packets as described in the IEEE 802.1Q standard.

- VLAN Status:** Use the radio button to toggle to Enable. Next, go to the **Add/Edit VLAN** tab to add or modify an item on the **VLAN List** tab.
- Port Name:** The name of the port is displayed in this column.
- Tag VID:** The Tagged VID is displayed in this column.
- Untag VID:** The Untagged VID is displayed in this column.
- PVID:** The Port VLAN Identifier is displayed in this column.



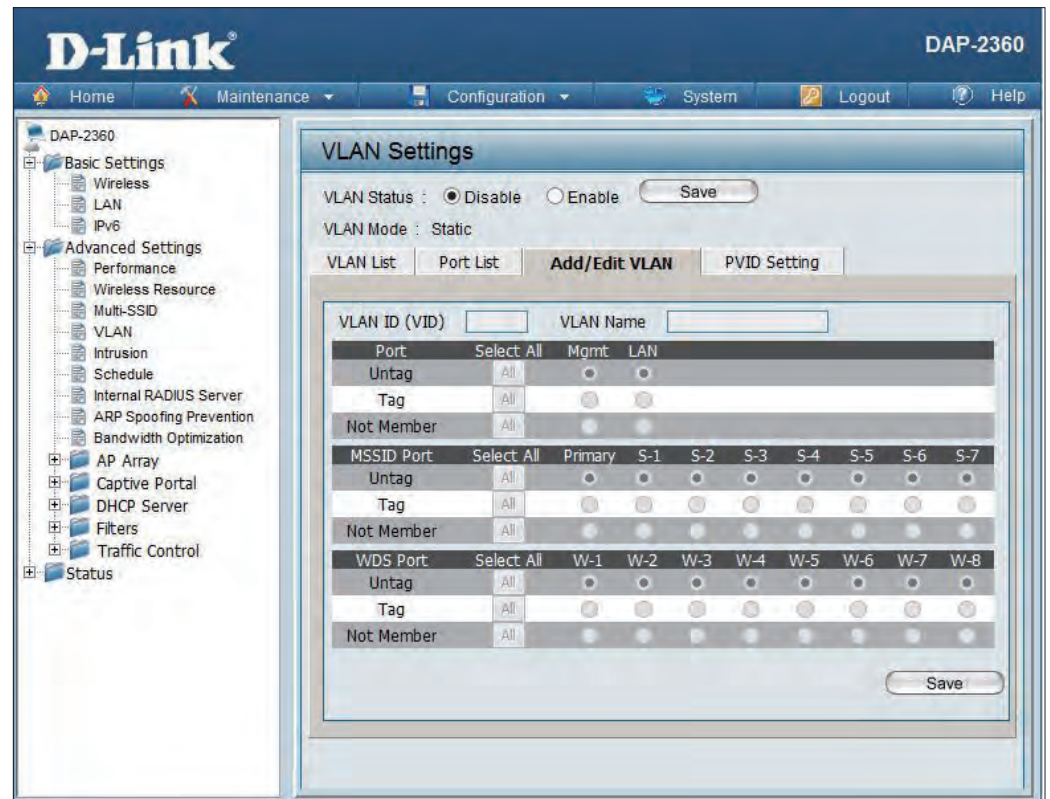
The screenshot shows the D-Link DAP-2360 web interface. The 'VLAN Settings' page is active, with the 'Port List' tab selected. The interface includes a navigation menu on the left and a main content area with a table of ports.

Port Name	Tag VID	Untag VID	PVID
Mgmt		1	1
LAN		1	1
Primary		1	1
S-1		1	1
S-2		1	1
S-3		1	1
S-4		1	1
S-5		1	1
S-6		1	1
S-7		1	1
W-1		1	1
W-2		1	1
W-3		1	1
W-4		1	1
W-5		1	1
W-6		1	1
W-7		1	1
W-8		1	1

## Add/Edit VLAN

The **Add/Edit VLAN** tab is used to configure VLANs. Once you have made the desired changes, click the **Save** button to let your changes take effect.

- VLAN Status:** Use the radio button to toggle to Enable.
- VLAN ID:** Provide a number between **1** and **4094** for the Internal VLAN.
- VLAN Name:** Enter the VLAN to add or modify.

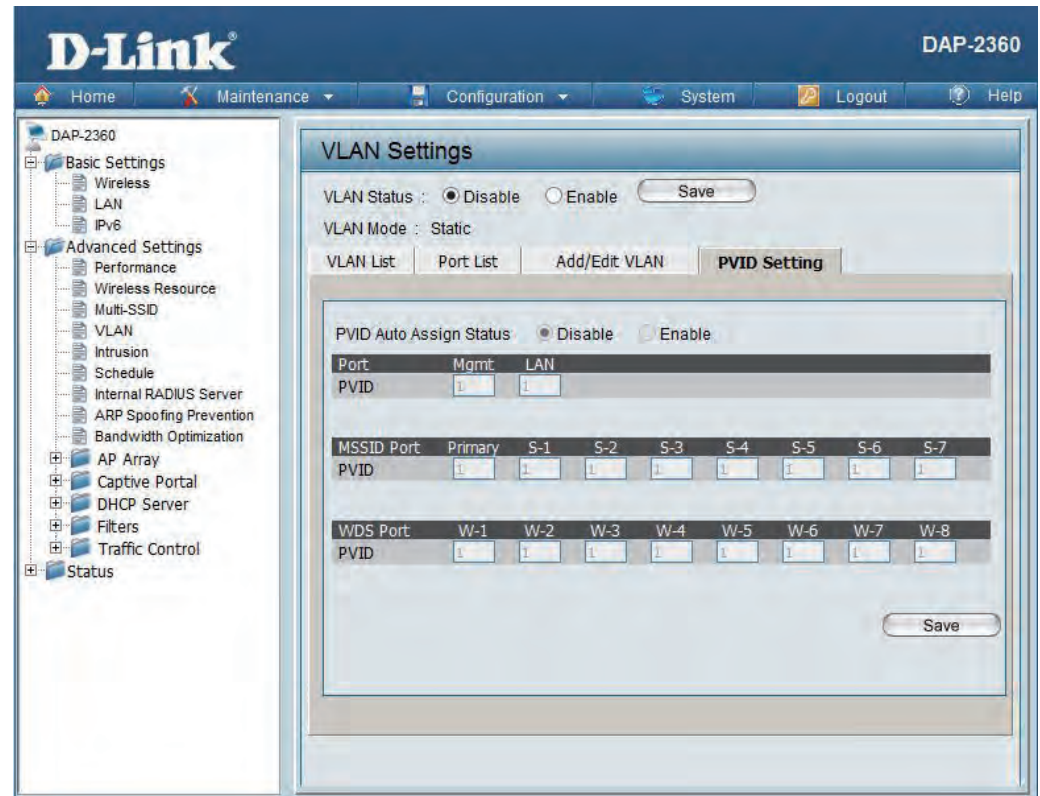


## PVID Setting

The **PVID Setting** tab is used to enable/disable the Port VLAN Identifier Auto Assign Status as well as to configure various types of PVID settings. Click the **Save** button to let your changes take effect.

**VLAN Status:** Use the radio button to toggle between **Enable** and **Disable**.

**PVID Auto Assign Status:** Use the radio button to toggle PVID auto assign status to **Enable**.

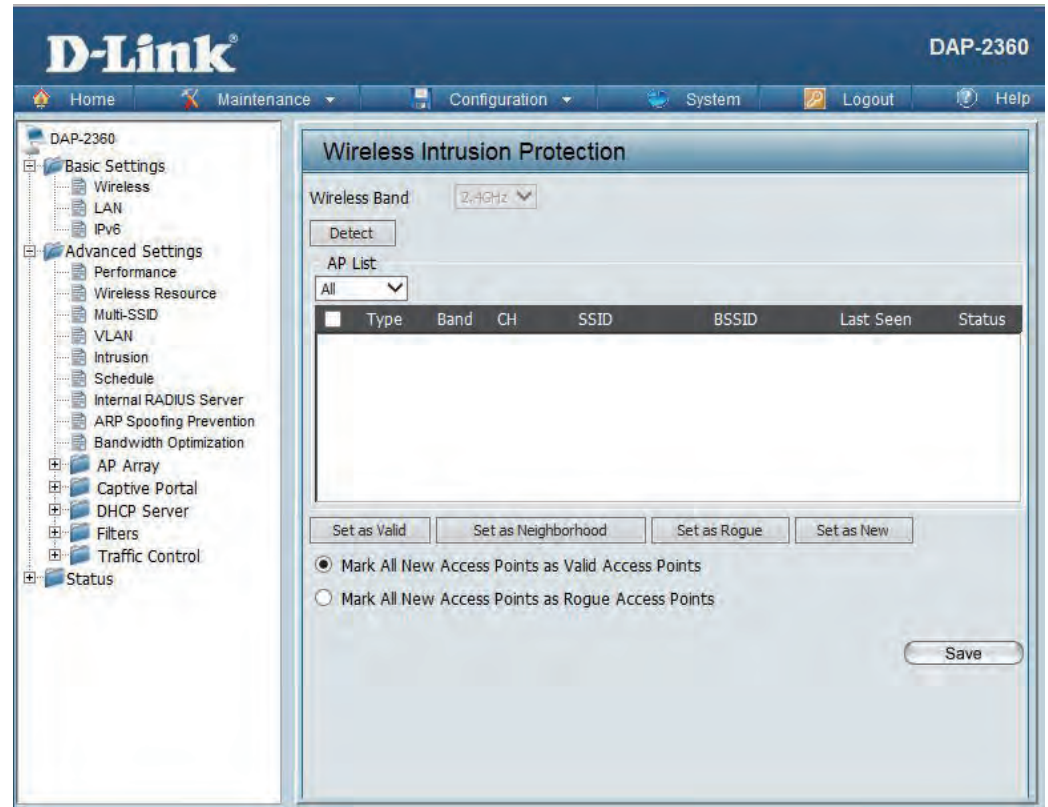


# Intrusion

The Wireless Intrusion Protection window is used to set APs as **All**, **Valid**, **Neighborhood**, **Rogue**, and **New**. Click the **Save** button to let your changes take effect.

**AP List:** The choices include **All**, **Valid**, **Neighbor**, **Rogue**, and **New**.

**Detect:** Click this button to initiate a scan of the network.





# Schedule

The Wireless Schedule Settings window is used to add and modify scheduling rules on the device. Click the **Save** button to let your changes take effect.

<b>Wireless Schedule:</b>	Use the drop-down menu to enable the device's scheduling feature.
<b>Name:</b>	Enter a name for the new scheduling rule in the field provided.
<b>Index:</b>	Select the index from the drop-down menu.
<b>SSID:</b>	Enter the name of your wireless network (SSID).
<b>Day(s):</b>	Toggle the radio button between <b>All Week</b> and <b>Select Day(s)</b> . If the second option is selected, check the specific days you want the rule to be effective on.
<b>All Day(s):</b>	Check this box to have your settings apply 24 hours a day.
<b>Start Time:</b>	Enter the start time for your rule. If you selected <b>All Day</b> , this option will be greyed out.
<b>End Time:</b>	Enter the end time for your rule.
<b>Add:</b>	Click to add the rule to the list.
<b>Schedule Rule List:</b>	This section will display the list of created schedules.
<b>Save:</b>	Click the <b>Save</b> button to save your created rules.

The screenshot shows the D-Link DAP-2360 configuration page for Wireless Schedule Settings. The 'Wireless Schedule' is currently set to 'Disable'. The 'Add Schedule Rule' section contains the following fields and options:

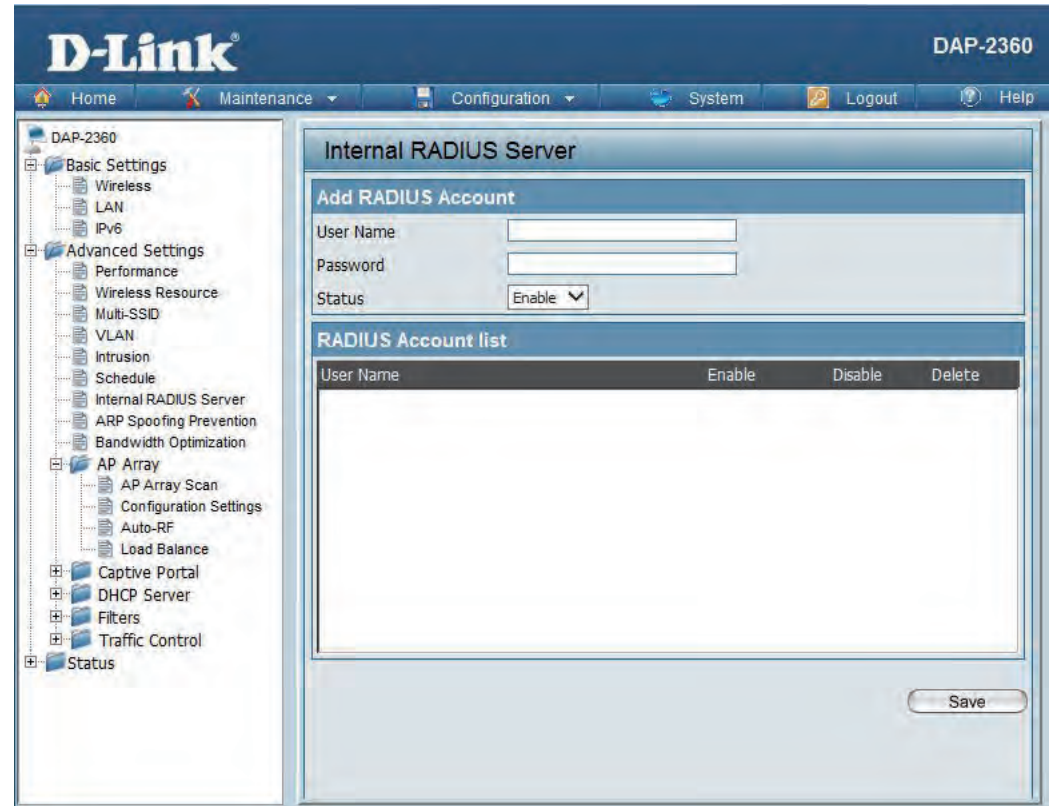
- Name:** Text input field.
- Index:** Drop-down menu showing 'Primary SSID'.
- SSID:** Text input field containing 'dlink'.
- Day(s):** Radio buttons for 'All Week' and 'Select Day(s)'. 'Select Day(s)' is selected.
- Select Day(s):** Checkboxes for Sun, Mon, Tue, Wed, Thu, Fri, and Sat.
- All Day(s):** Check box (unchecked).
- Start Time:** Time input field (hour:minute, 24 hour time).
- End Time:** Time input field (hour:minute, 24 hour time) and an 'Overnight' checkbox.

At the bottom of the form are 'Add' and 'Clear' buttons. Below the form is a 'Schedule Rule List' table with the following columns: Name, SSID Index, SSID, Day(s), Time Frame, Wireless, Edit, and DEL. The table is currently empty. At the bottom right of the interface is a 'Save' button.

## Internal RADIUS Server

The DAP-2360 features a built-in RADIUS server. Once you have finished adding a RADIUS account, click the Save button to let your changes take effect. The newly-created account will appear in this RADIUS Account List. The radio buttons allow the user to enable or disable the RADIUS account. Click the icon in the delete column to remove the RADIUS account. We suggest you limit the number of accounts below 30.

- User Name:** Enter a name to authenticate user access to the internal RADIUS server.
- Password:** Enter a password to authenticate user access to the internal RADIUS server. The length of your password should be 8~64.
- Status:** Toggle the drop-down menu between Enable and Disable.
- RADIUS Account List:** Displays the list of users.



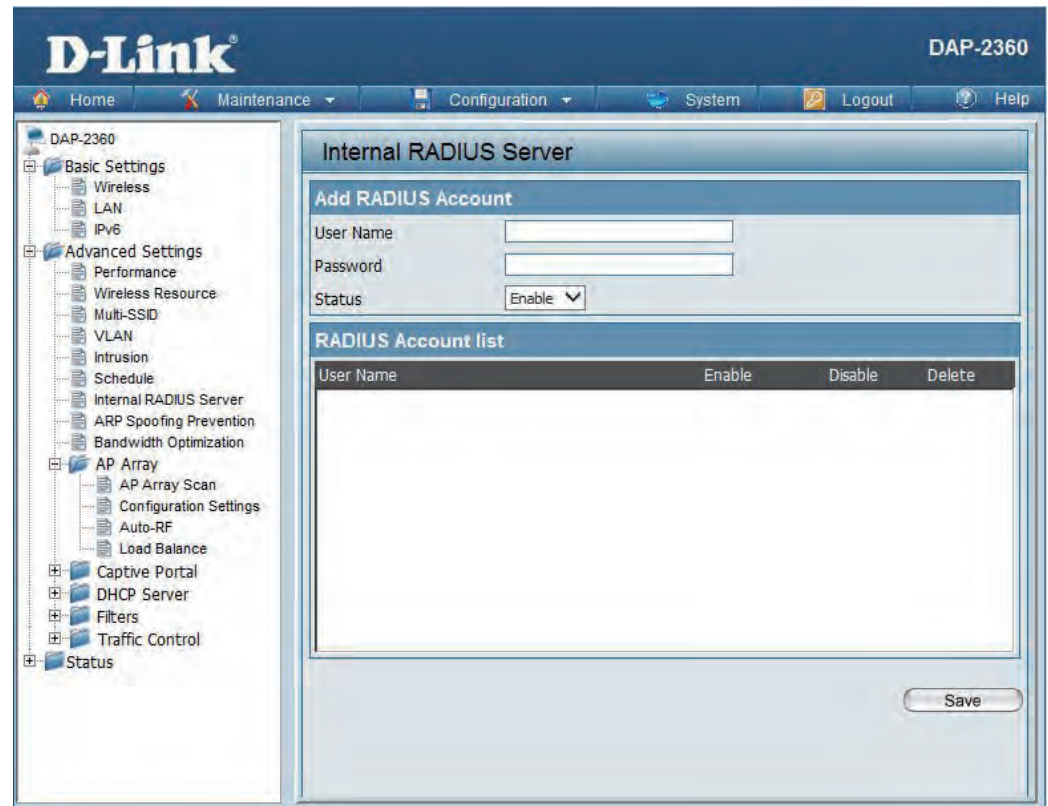
# ARP Spoofing Prevention

The ARP Spoofing Prevention feature allows users to add IP/MAC address mapping to prevent arp spoofing attack.

**ARP Spoofing Prevention:** This check box allows you to enable the arp spoofing prevention function.

**Gateway IP Address:** Enter a gateway IP address.

**Gateway MAC Address:** Enter a gateway MAC address.



# Bandwidth Optimization

The Bandwidth Optimization window allows the user to manage the bandwidth of the device and arrange the bandwidth for various wireless clients. When the Bandwidth Optimization rule is finished, click the Add button. To discard the Add Bandwidth Optimization Rule settings, click the Clear button. Click the Save button to let your changes take effect.

**Enable Bandwidth Optimization:**

Use the drop-down menu to Enable the Bandwidth Optimization function.

**Downlink Bandwidth:**

Enter the downlink bandwidth of the device in Mbits per second.

**Uplink Bandwidth:**

Enter the uplink bandwidth of the device in Mbits per second.

**Rule Type:**

Use the drop-down menu to select the type that is applied to the rule. Available options are: Allocate average BW for each station, Allocate maximum BW for each station, Allocate different BW for 1a/b/g/n stations, and Allocate specific BW for SSID.

**Allocate average BW for each station:**

AP will distribute average bandwidth for each client.

**Allocate maximum BW for each station:**

Specify the maximum bandwidth for each connected client. Reserve certain bandwidth for future clients.

**Allocate different BW for a/b/g/n stations:**

The weight of 11b/g/n and 11a/n client are 10%/20%/70% ; 20%/80%. AP will distribute different bandwidth for 11a/b/g/n clients.



## Section 3 - Configuration

- Allocate specific BW for SSID:** All clients share the total bandwidth.
- Band:** Use the drop-down menu to toggle the wireless band between 2.4GHz and 5GHz.
- SSID Index:** Use the drop-down menu to select the SSID for the specified wireless band.
- Downlink Speed:** Enter the limitation of the downloading speed in either Kbits/sec or Mbits/sec for the rule.
- Uplink Speed:** Enter the limitation of the uploading speed in either Kbits/sec or Mbits/sec for the rule.

The screenshot displays the D-Link DAP-2360 web interface. The top navigation bar includes 'Home', 'Maintenance', 'Configuration', 'System', 'Logout', and 'Help'. The left sidebar shows a tree view of configuration options, with 'Bandwidth Optimization' selected under 'Advanced Settings'. The main content area is titled 'Bandwidth Optimization' and contains the following settings:

- Enable Bandwidth Optimization:
- Downlink Bandwidth:  Mbits/sec
- Uplink Bandwidth:  Mbits/sec

Below these settings is the 'Add Bandwidth Optimization Rule' section, which includes:

- Rule Type:
- Band:
- SSID Index:
- Downlink Speed:  Kbits/sec
- Uplink Speed:  Kbits/sec

At the bottom of this section are 'Add' and 'Clear' buttons. Below the 'Add Bandwidth Optimization Rule' section is a table titled 'Bandwidth Optimization Rules' with the following columns: Band, Type, SSID Index, Downlink Speed, Uplink Speed, Edit, and Del. The table is currently empty. At the bottom right of the page is a 'Save' button.

# AP Array

An AP array is a set of devices on a network that are organized into a single group to increase ease of management.

**Enable Array:** This check box allows the user to enable the AP array function. The three modes that are available are Master, Backup Master, and Slave. APs in the same array will use the same configuration. The configuration will sync the Master AP to the Slave AP and the Backup Master AP when a Slave AP and a Backup Master AP join the AP array.

**AP Array Name:** Enter a name for the AP array you have created.

**AP Array Password:** Enter a password that will be used to access the AP array you have created.

**Scan AP Array List:** Click this button to initiate a scan of all the available APs currently on the network.

**AP Array List:** This table displays the current AP array status for the following parameters: Array Name, Master IP, MAC, Master, Backup Master, Slave, and Total.

**Current Array Members:** This table displays all the current array members. The DAP-2360 AP array feature supports up to eight AP array members.

The screenshot shows the D-Link DAP-2360 web interface. The main configuration area is titled "AP Array". It includes the following elements:

- Enable AP Array
- Radio buttons for Master, Backup Master, and Slave (Slave is selected).
- AP Array Name:
- AP Array Password:
- Scan AP Array List:
- Connection Status: Disconnect
- AP Array List table:
 

Array Name	Master IP	MAC	Master	Backup Master	Slave	Total
- Current Members table:
 

Index	Role	IP Address	MAC Address	Location
- Synchronized Parameters:
- Expandable settings:
  - Wireless Basic Settings
  - Wireless Advanced Setting
  - Multiple SSID & VLAN
  - Advanced Functions
  - Administration Settings
-

## AP Array Scan

The AP Array window is used to create up to 32 APs on a local network to be organized into a single group in order to increase ease of management. Click the Save button to let your changes take effect. Central WiFiManager and AP Array are mutually exclusive functions.

**Enable AP Array:** Select the check box to enable the AP array function. The three modes that are available are Master, Backup Master, and Slave. APs in the same array will use the same configuration. The configuration will sync the Master AP to the Slave AP and the Backup Master AP when a Slave AP and a Backup Master AP join the AP array.

**AP Array Name:** Enter an AP array name for the group here.

**AP Array Password:** Enter an AP array password for the group here. This password must be the same on all the APs in the group.

**Scan AP Array List:** Click this button to initiate a scan of all the available APs currently on the network.

**Connection Status:** Display the AP array connection status.

**AP Array List:** This table displays the current AP array status for the following parameters: Array Name, Master IP, MAC, Master, Backup Master, Slave, and Total.

**Current Members:** This table displays all the current array members. The DAP-2660 AP array feature supports up to eight AP array members.

The screenshot shows the D-Link DAP-2360 web interface. The main configuration area is titled "AP Array Scan". It includes the following elements:

- Enable AP Array (Version: 2.0)
- Mode selection:  Master,  Backup Master,  Slave
- AP Array Name:
- AP Array Password:
- Scan AP Array List:
- Connection Status: Disconnect

Below the configuration fields are two tables:

AP Array List						
Array Name	Master IP	MAC	Master	Backup Master	Slave	Total

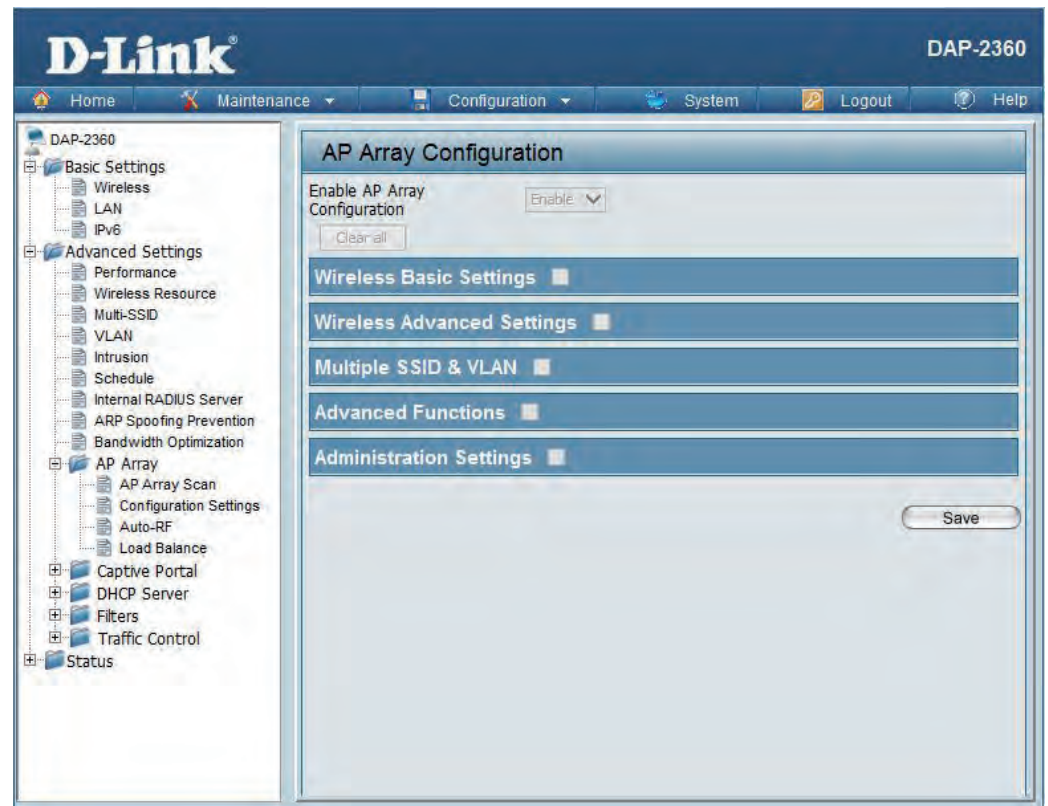
Current Members				
Index	Role	IP Address	MAC Address	Location

A "Save" button is located at the bottom right of the configuration area.

## Configuration Settings

In the AP array configuration settings windows, users can specify which settings all the APs in the group will inherit from the master AP. Make the required selection in this window and click the Save button to accept the changes made.

- |                                       |  |
|---------------------------------------|--|
| <b>Enable AP Array Configuration:</b> | Select to Enable or Disable the AP array configure feature here.   |
| <b>Wireless Basic Settings:</b>       | Select this option to specify the basic wireless settings that the APs in the group will inherit.          |
| <b>Wireless Advanced Settings:</b>    | Select this option to specify the advanced wireless settings that the APs in the group will inherit.       |
| <b>Multiple SSID &amp; VLAN:</b>      | Select this option to specify the multiple SSIDs and VLAN settings that the APs in the group will inherit. |
| <b>Advanced Functions:</b>            | Select this option to specify the other advanced settings that the APs in the group will inherit.          |
| <b>Administration Settings:</b>       | Select this option to specify the administrative settings that the APs in the group will inherit.          |





## Auto-RF

In this windows, users can view and configure the automatic radio frequency settings as well as configure the the auto-initiate period and threshold values. Click the Save button to accept the changes made.

**Enable: Auto-RF:** Select to Enable or Disable the auto-RF feature here.

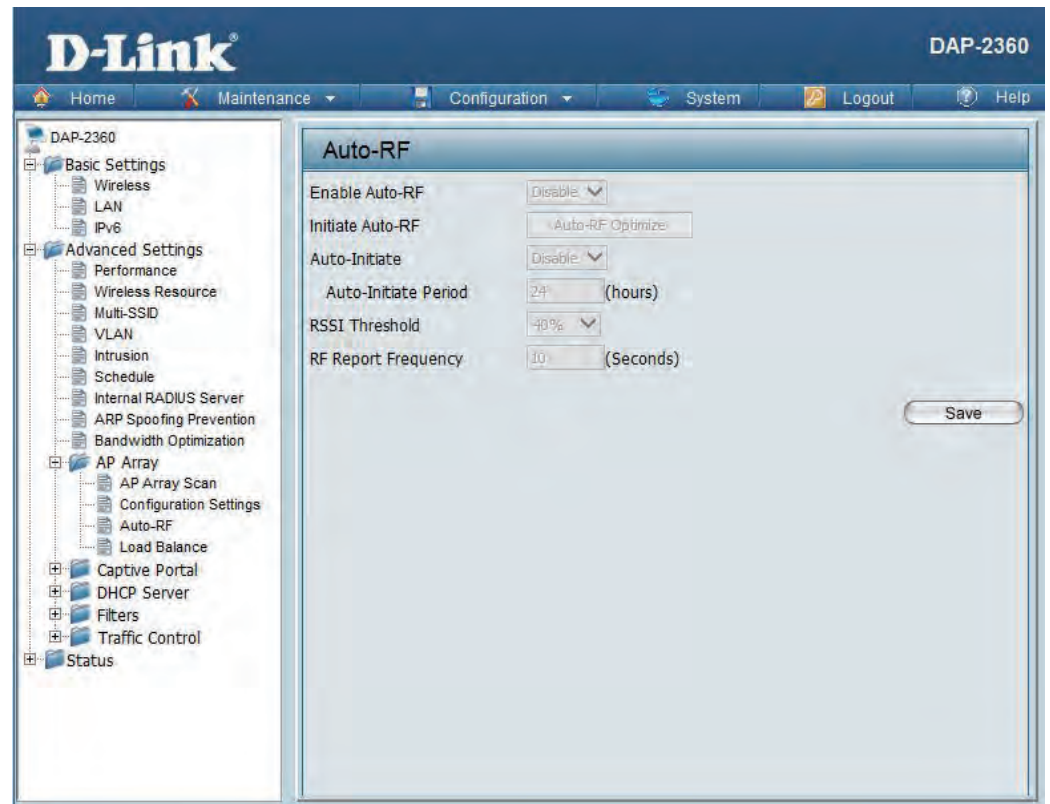
**Initiate Auto-RF:** Click the Auto-RF Optimize button to initiate the auto-RF optimization feature.

**Auto-Initiate:** Select the Enable or Disable the auto-initiate feature here.

**Auto-Initiate Period:** After enabling the auto-initiate option, the auto-initiate period value can be entered here. This value must be between 1 and 24 hours.

**RSSI Threshold:** Select the RSSI threshold value here. This value is listed in the drop-down menu in increments of 10% from 10% to 100%.

**RF Report Frequency:** Enter the RF report frequency value here.



## Load Balance

In this window, users can view and configure the AP array's load balancing settings. Click the Save button to accept the changes made.

**Enable Load Balance:** Select to Enable or Disable the load balance feature here.

**Active Threshold:** Enter the active threshold value here.

