

QUICK START GUIDE

WK-1-X Access Point

802.11ac dual band access

Version 1.2



SectorMaxx™



TruStream™



SmartWav™



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Package Contents

Contents depend on your WK-1x model. Please refer to the installation manual of your product.

WK-1

- 802.11ac Dual Band Access Point
- Built in 2x2 internal antennas
- Powered by POE+
- 2 LAN ports for Network Extensions

System Requirements

Windows or Mac PC with an Ethernet interface.

WK-1 Default Settings

Operation Mode: Access Point

IP Address: **192.168.1.250**

Username/Password: **pakedge/pakedgea**

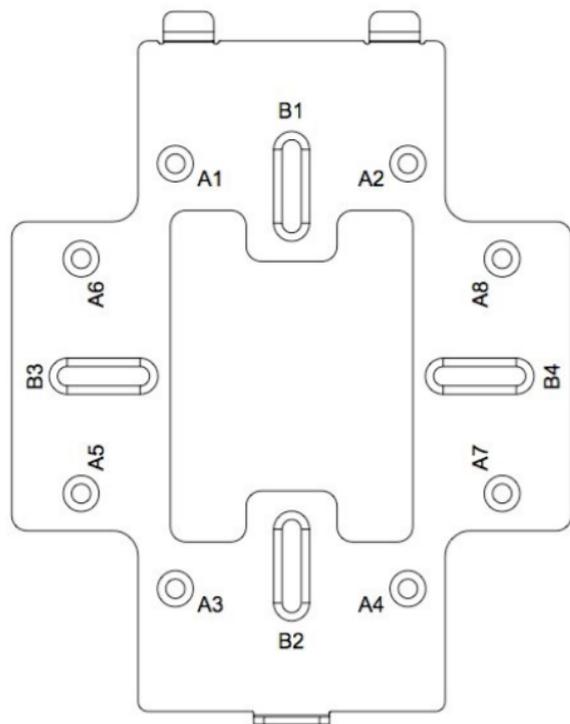
SSID: **Pakedge2.4-1 and Pakedge5-1**

Power Output: **High**

Security: **Disabled**

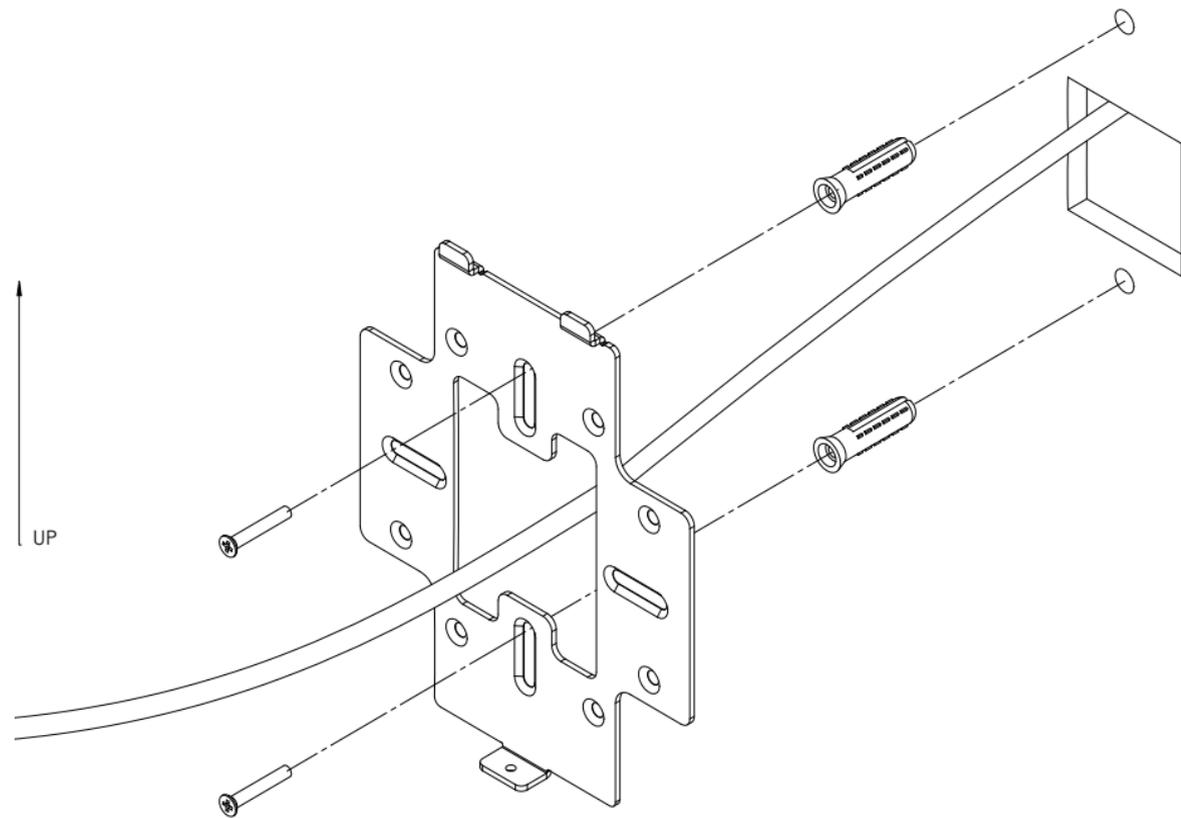
WK-1 Mounting Options

Using the Provided Wall Mount If planning on mounting the WK-1

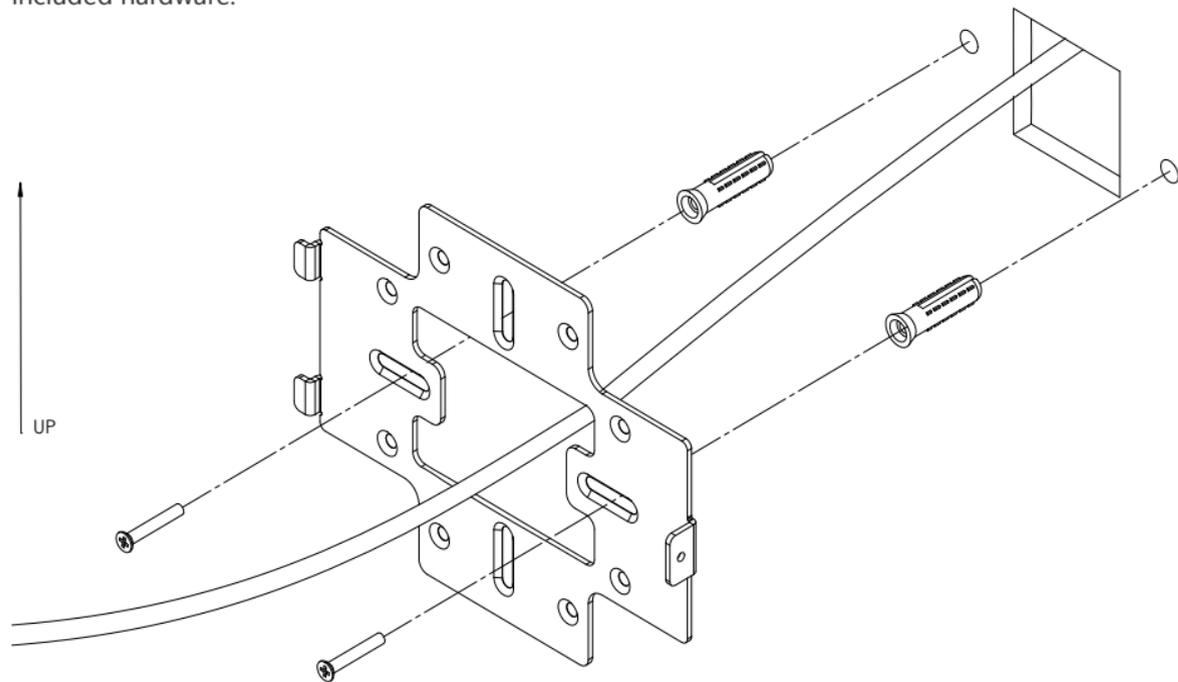


A: DOUBLE-GANG ELECTRICAL BOX, WALL
B: WALL, SINGLE-GANG ELECTRICAL BOX,
EUROPEAN OUTLET BOX US 4" ROUND
JUNCTION BOX, US 3.5" ROUND JUNCTION
BOX

Vertical mount: Secure the Wall Bracket to the wall anchors using the included hardware.

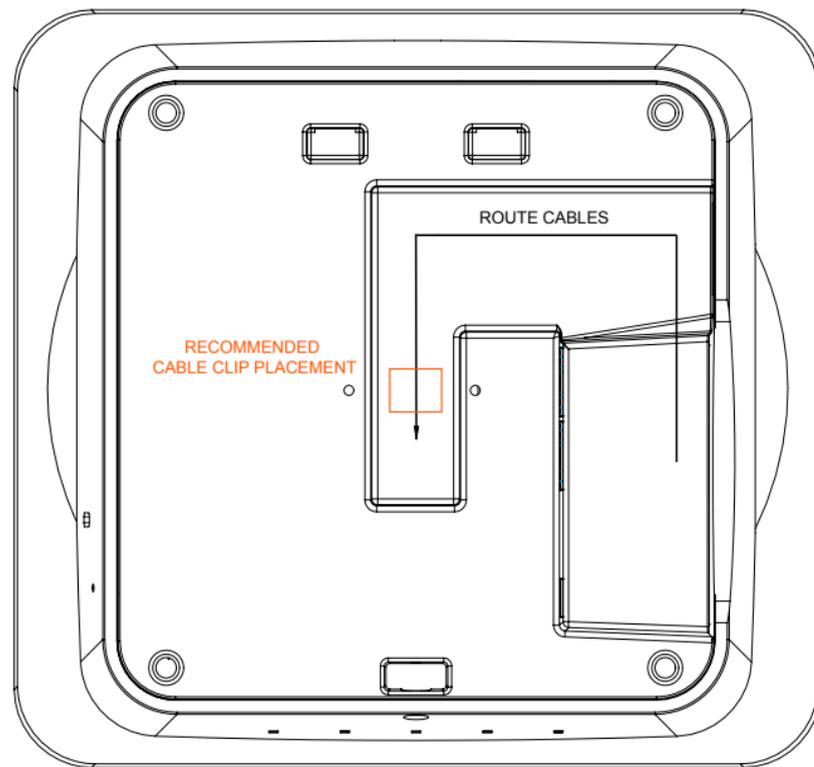


Horizontal mount: Line up the slots and secure the wall bracket to the wall anchors using the included hardware.

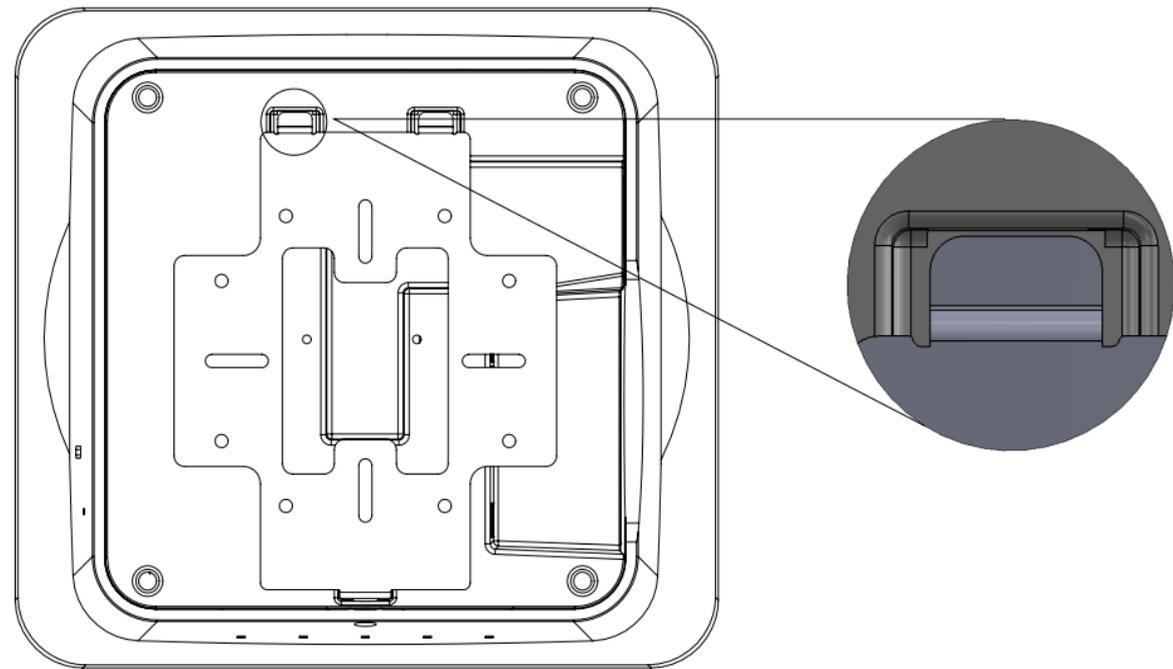
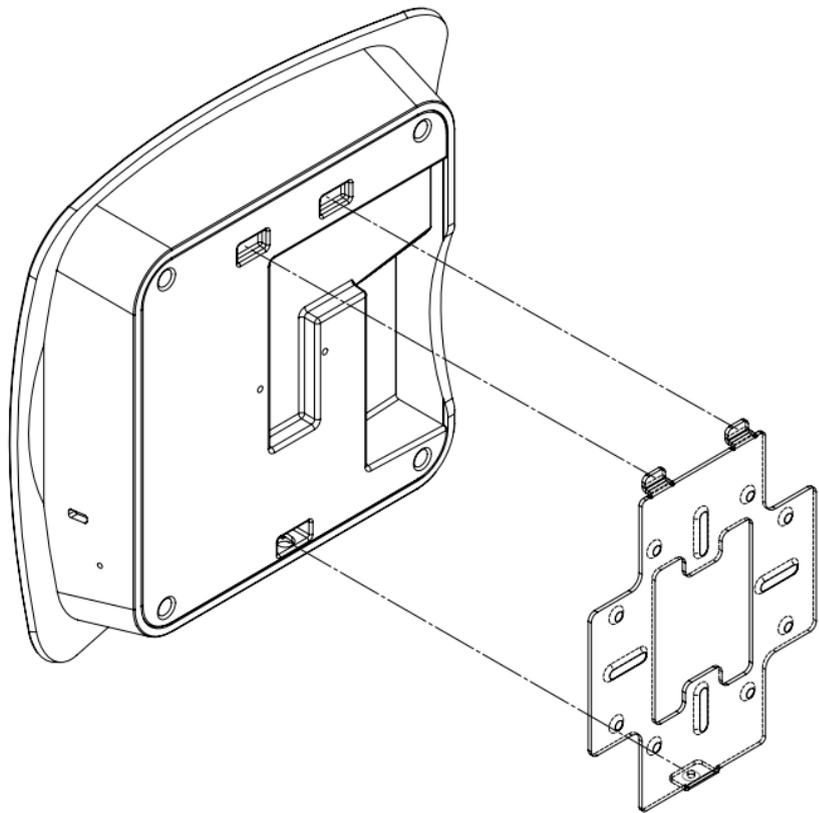


Line the two tabs on the top of the Wall Bracket with the two pockets on the back of the access point.

Attach the recommended plastic cable clip. Route cables along the channel on the back of the WAP and secure cables to the plastic clip by pressing the cable to the clip.

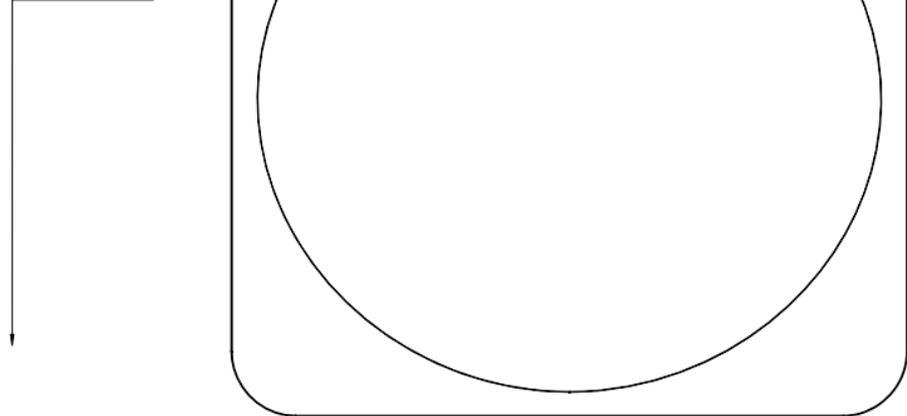


Place the WAP firmly against the wall bracket, ensuring the cables are tucked in the channel on the back of the WAP and/or behind the wall bracket.



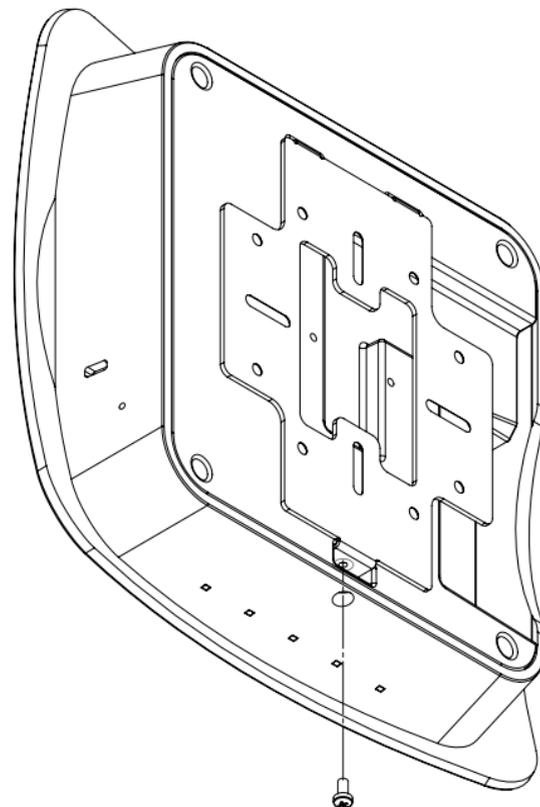
Slide the WAP downward until the top two tabs on the Wall Bracket are locked into place

SLIDE WAP DOWN
TO LOCK



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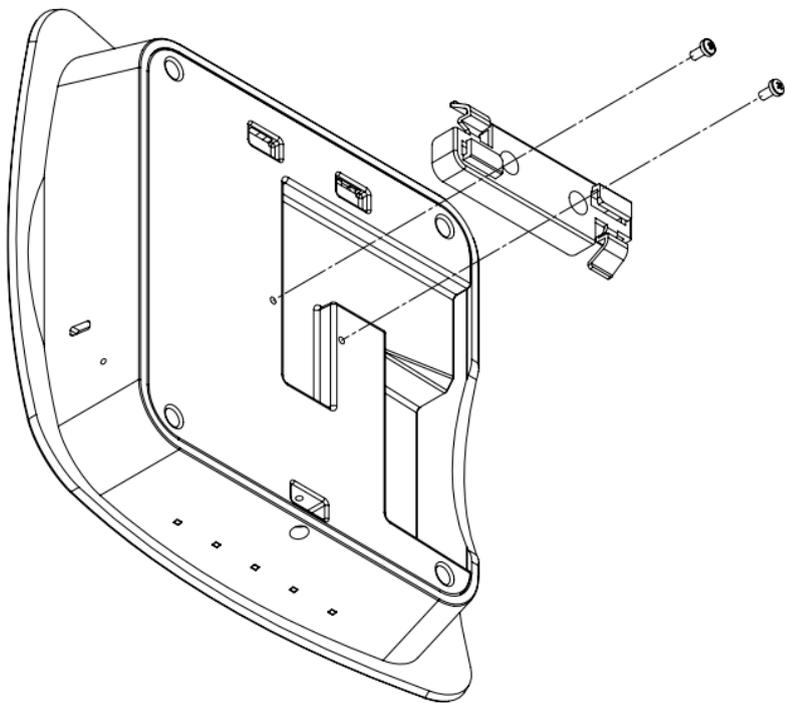
Secure the WAP to the wall bracket's bottom tab with the included security screw.



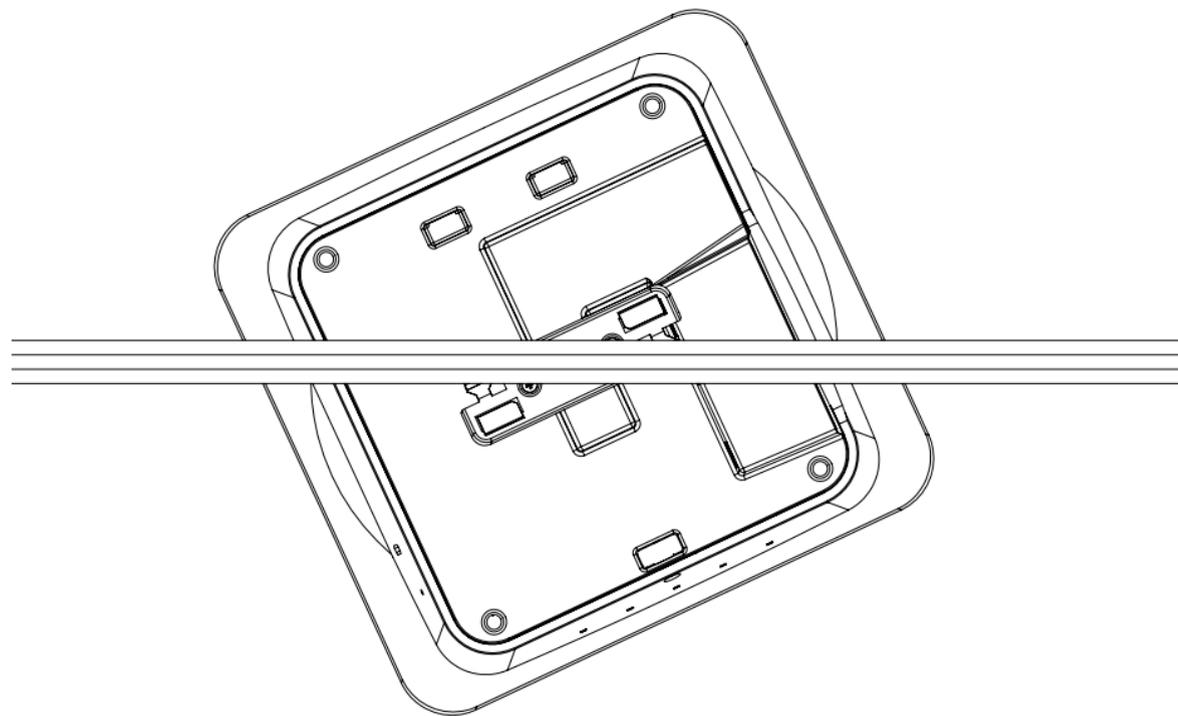
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Using provided T-bar Bracket

Place the appropriate sized T-bar bracket into the slots on the back of the WAP and line up the two holes on the T-bar bracket with the two mounting points on the back of the WAP.



Rotate the WAP counter-clockwise until the T-bar bracket is secured to the T-bar.

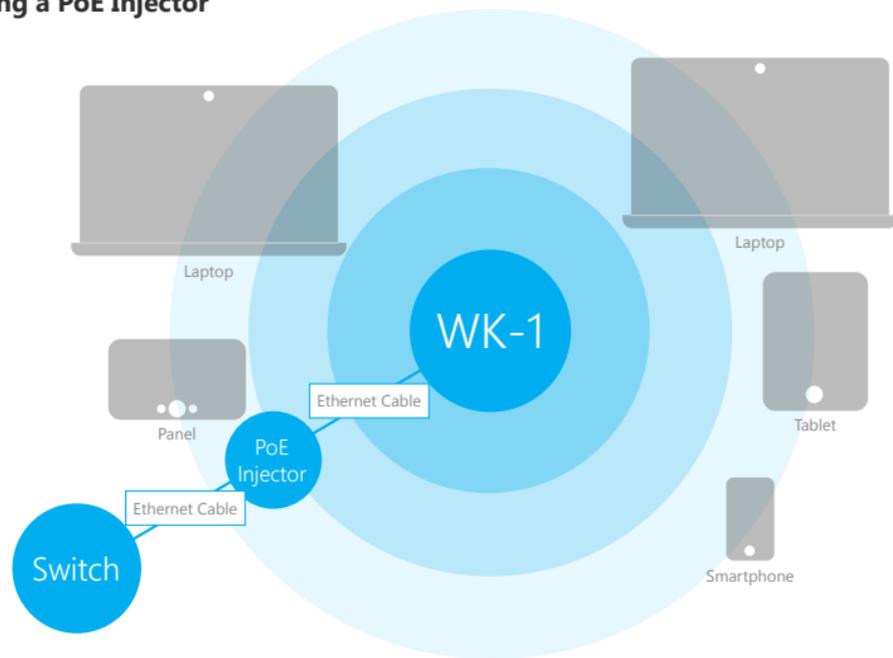


NOTE: Please refer to the user manual for more detailed information regarding the installation and configuration of the access point.

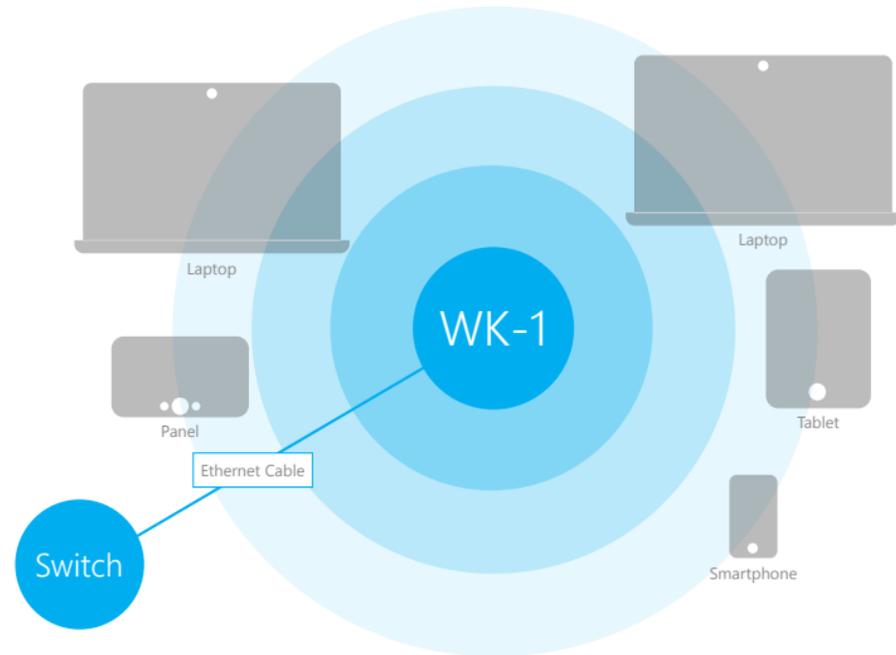
Powering Up the Access Point

The access point can be powered via PoE or by the included power adapter. Please see below for examples:

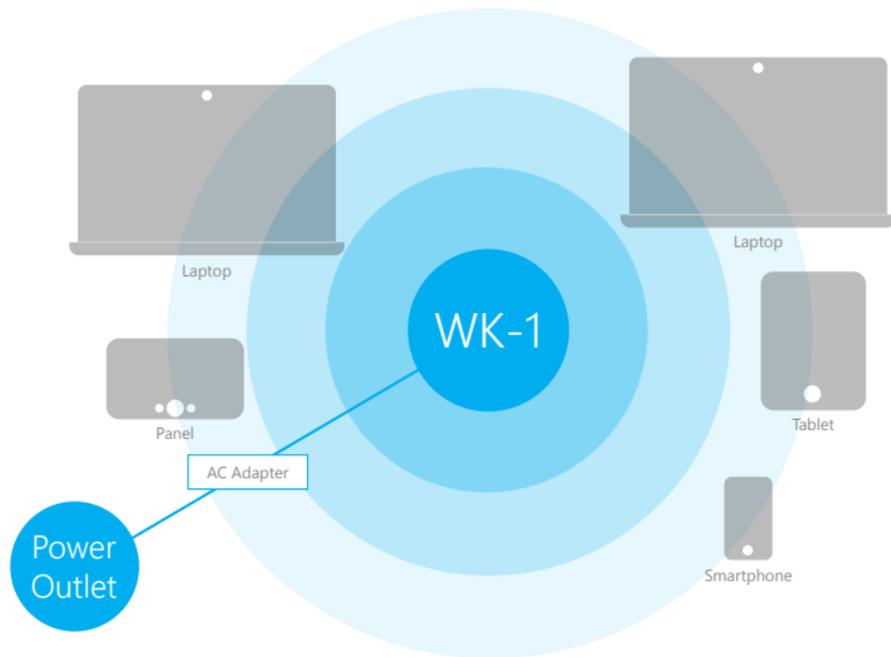
Power Using a PoE Injector



Power using a PoE Switch



Power using the included power adapter



The Wireless Access Point should now be up and running with its default settings. It does not need to be configured to be functional. To make changes to the SSID and security settings, you need to access the WK-1 using a web browser.

Configuring the Hardware

Step 1: Login

There are multiple option to login to the unit, please sees 2 options below:

Option 1: Using Ethernet cable

Connect a computer to the WK-1x through an Ethernet cable. Enter 192.168.1.250 into the address bar of your web browser. You should see a login page. In the username box, type pakedge. In the password box, type pakedgea and click Login.



NOTE: If your computer is not set to the default IP scheme of the WK-1 (192.168.1.X), you must first configure the TCP/IP settings on your computer to log in to the WK-1 through a web browser.

Using Windows 7

Under Control Panel – Network and Internet, click on **View Network Status and Tasks**.

On the left panel, click on **Change Adapter Settings** and right-click **Local Area Connection**. Select **Properties**.

Select **Internet Protocol Version 4 (TCP/IPv4)** and click **Properties**.

Select **Use The Following IP Address**

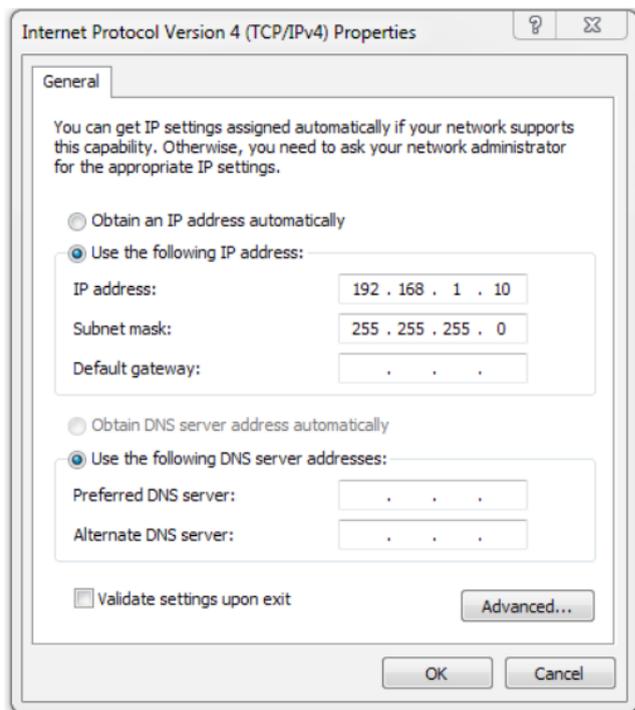
and enter the following information:

IP Address: **192.168.1.10**

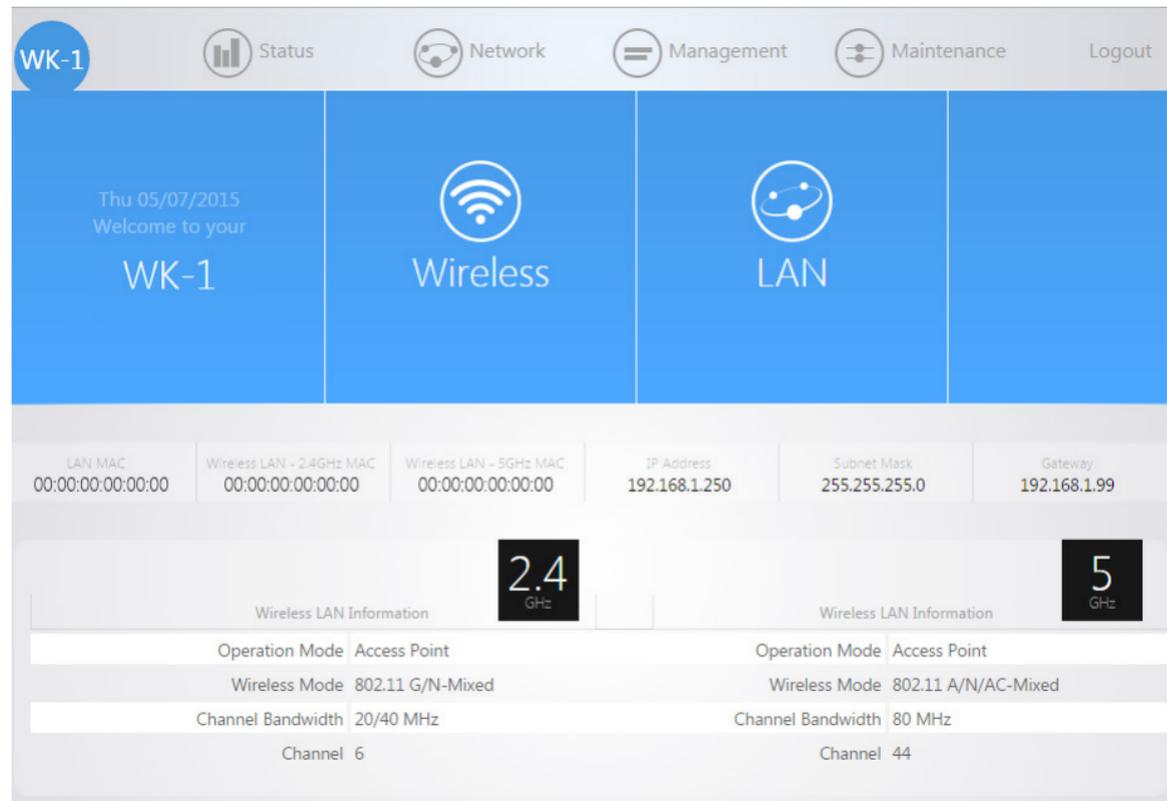
Subnet Mask: **255.255.255.0**

Additional settings can be left blank.

Click **“OK”** and **“Close”**

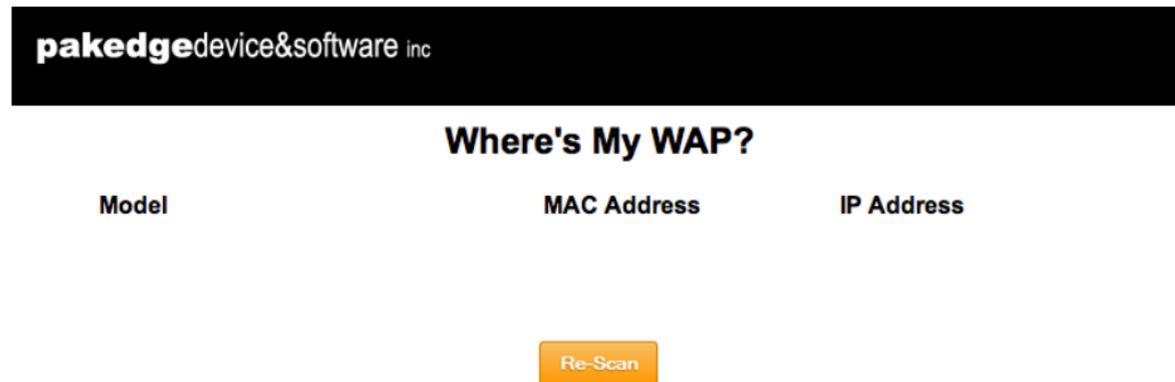


Following page will display when logged in:



Second Option

You can use the Where's My WAP (WMW) software, which is free to download from the Dealer Portal section of the Pagedge website.



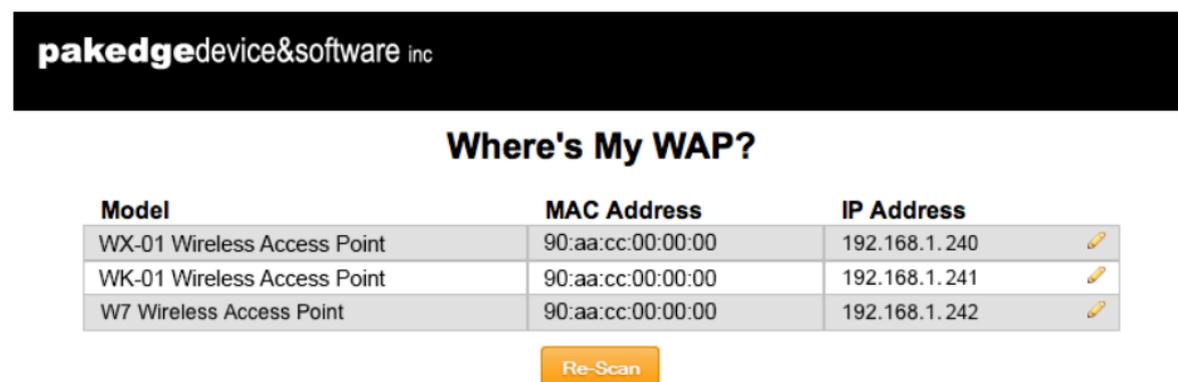
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Where's My WAP?

Model	MAC Address	IP Address
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Re-Scan

This application will automatically scan the network for any Pagedge access point. Once the application finds the access points, you will have the option to change their IP addresses by clicking on the pencil icon.



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Where's My WAP?

Model	MAC Address	IP Address
WX-01 Wireless Access Point	90:aa:cc:00:00:00	192.168.1.240 
WK-01 Wireless Access Point	90:aa:cc:00:00:00	192.168.1.241 
W7 Wireless Access Point	90:aa:cc:00:00:00	192.168.1.242 

Re-Scan

NOTE: If you plan on using multiple access points at your home, remember that they all come with the same IP address by default.

Once you are logged in to the AP, hover over **Network** and click on **LAN**.

The screenshot shows the LAN configuration page. At the top left, the word "LAN" is displayed in blue. Below it, there are several configuration fields:

- IP Network Setting: A dropdown menu set to "Static address".
- IP Address: A text input field containing "192.168.1.250".
- Subnet Mask: A dropdown menu set to "255.255.255.0".
- Gateway: A text input field containing "192.168.1.99".
- Use custom DNS servers: A text input field containing "8.8.8.8" with a plus sign to its right.

Step 2: Radio

The first tab under Wireless is **Radio**. By default, the WK-1 operates in Access Point Mode. The mode can be set for either the 2.4 or the 5 GHz band. The available modes for the WK-1 are: Access Point, WDS Root Access Point, WDS Repeater and WDS Bridge.

The screenshot shows the "Wireless" configuration page with the "Radio" tab selected. The page has a header with "Wireless" and sub-tabs: "Radio", "Security Profiles", "Configuration", and "Guest Network".

Below the tabs, there are several settings:

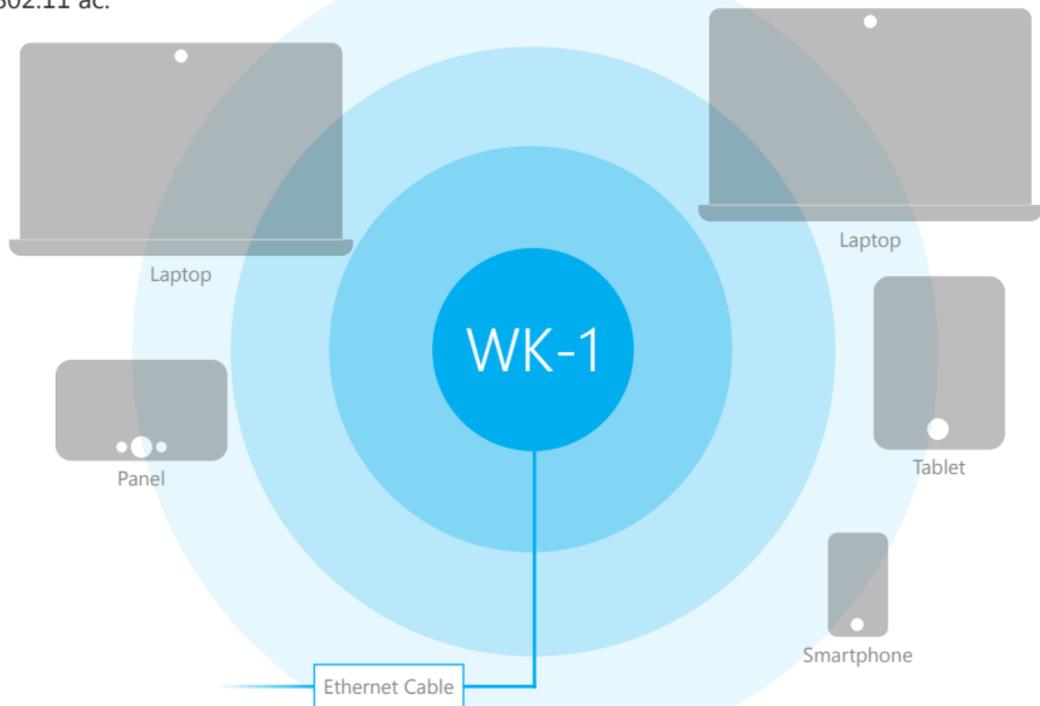
- Country Code: A dropdown menu set to "US - United States". A red warning message next to it says "Country Code will be locked after you click Apply button."
- Operation Mode: Two columns for 2.4GHz and 5GHz. Both have a dropdown menu set to "Access Point", which is highlighted with a blue box.
- Wireless Mode: Two columns for 2.4GHz and 5GHz. The 2.4GHz dropdown is set to "G/N-Mixed" and the 5GHz dropdown is set to "A/N/AC-Mixed".
- Channel Mode: Two columns for 2.4GHz and 5GHz. The 2.4GHz dropdown is set to "HT 20/40 MHz" and the 5GHz dropdown is set to "VHT 80 MHz".
- Channel: Two columns for 2.4GHz and 5GHz. Both dropdowns are set to "Auto".
- AP Detection: Two columns for 2.4GHz and 5GHz. Each has a blue "Scan" button.

At the bottom center, there is a blue "Apply" button.

NOTE: That once you apply a country code, you cannot change it unless you reset the WK-1x to factory default.

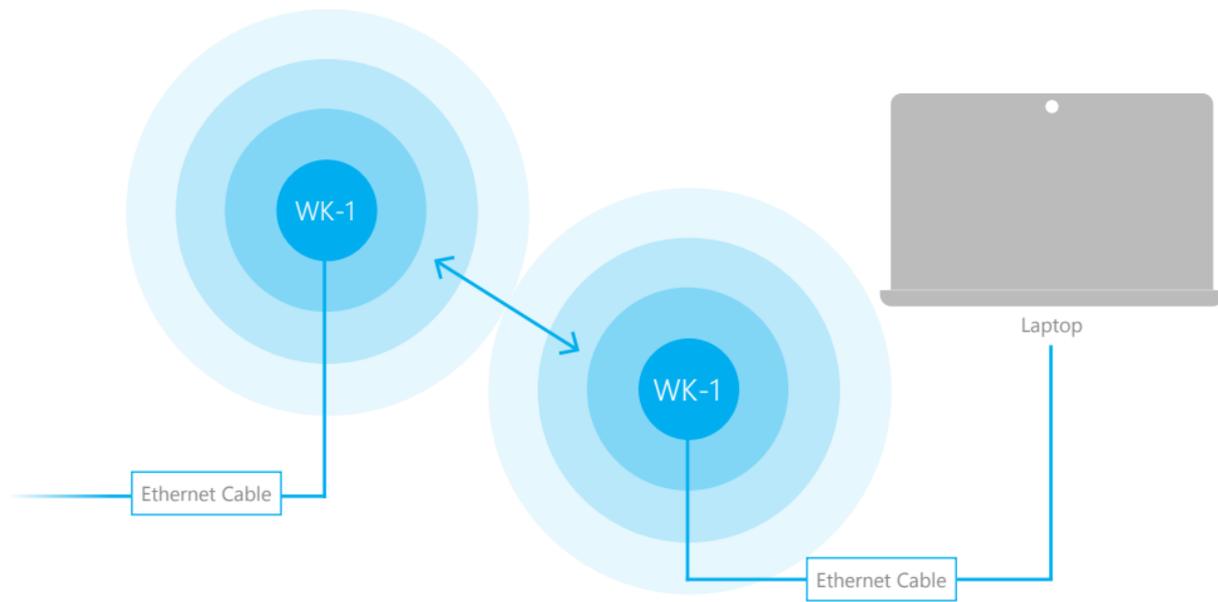
Access Point Mode

In Access Point Mode, the WK-1 broadcasts both 2.4 GHz and 5 GHz signals to stations that support 802.11 ac.



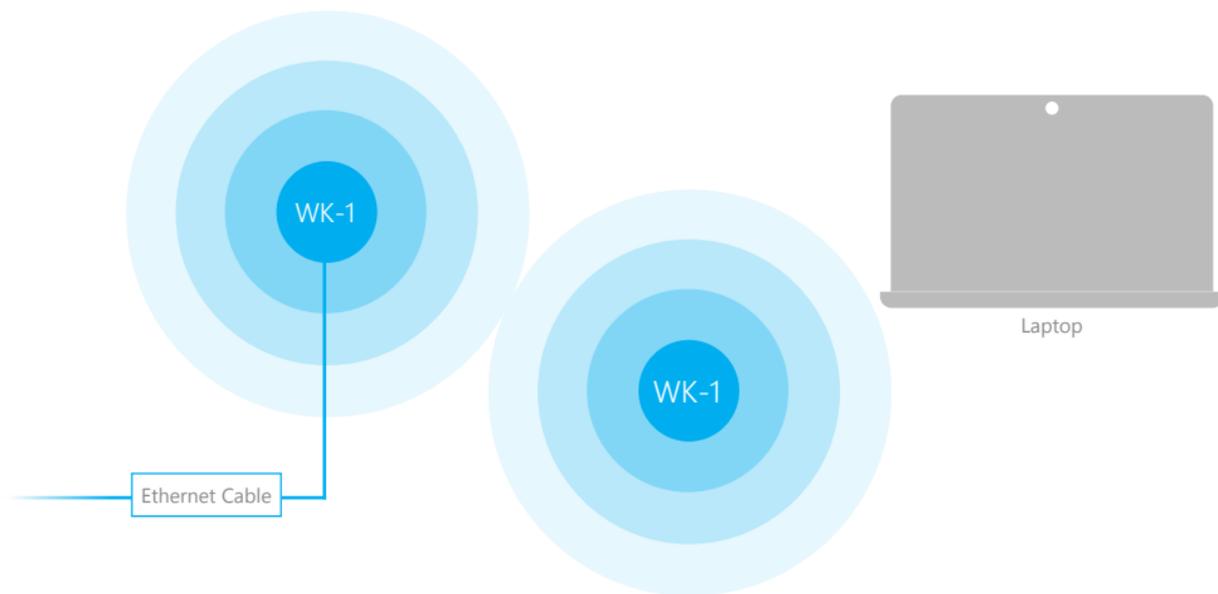
WDS Bridge Mode

In WDS Bridge Mode, you can connect the WK-1 to a client by its Ethernet port. The WK-1 will receive the wireless signal from an access point and send the signal, through its Ethernet port, to the client. A separate WK-1x must be in WDS Root Access Point mode for this setting to operate.



WDS Repeater Mode

WDS Repeater Mode can be used to connect two WK-1 access points wirelessly and extend your wireless network coverage. A separate WK-1x must be in WDS Root Access Point mode for this setting to operate.



Refer to the user manual for information on the other operating modes.

Step 3: Security Profiles

The next tab over is the **Security Settings**. You can change the SSID and security settings for 2.4 GHz and 5 GHz.

The screenshot shows the 'Wireless' configuration page with the 'Security Profiles' tab selected. The page displays a table of security profiles with columns for Profile Name, Encryption, Password, and Manage.

Profile Name	Encryption	Password	Manage
Pakedge Default	No Encryption		In Use
Test 1	WPA2 PSK	Delete
Test 2	WPA2 PSK	Delete
Test 3	WPA PSK	Delete

Buttons: Add Wireless Security Profile, Apply

The most secure and common mode is WPA2-PSK.

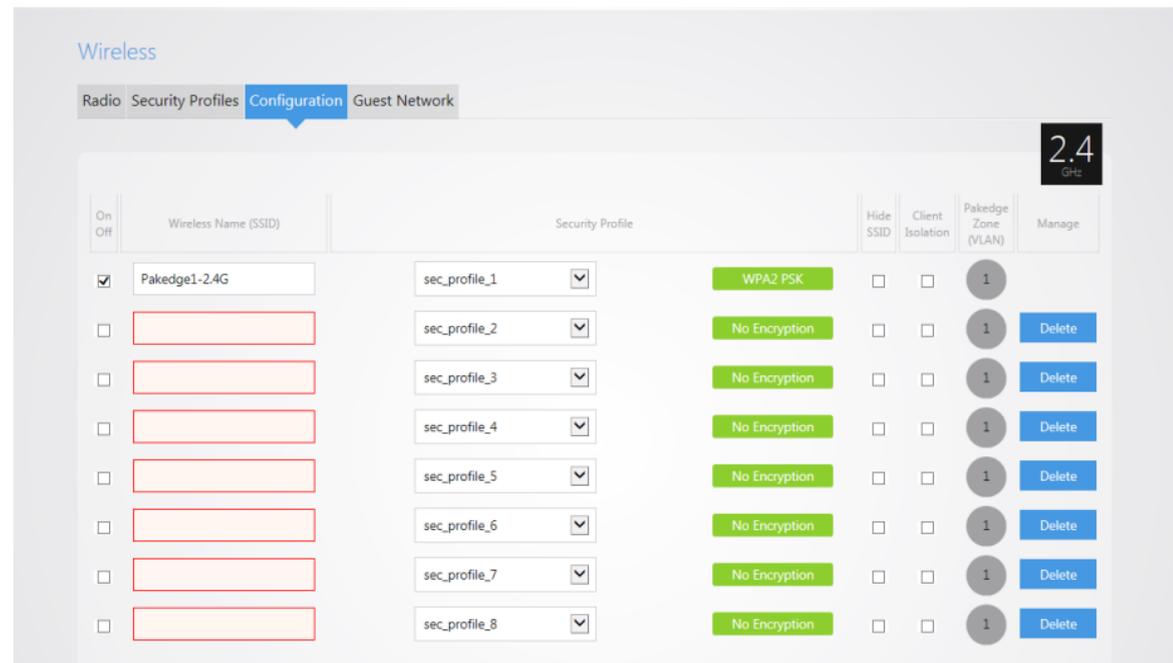


This setting is known to be the most secure and is compatible with all the latest devices.

NOTE: When choosing the security settings, consider your client devices. Older laptops or phones do not support WPA2 security. Also, some devices are only compatible with certain security types. You may want to reference your device specifications.

Step 4: Configuration

In this section, you can change the SSID name by applying the security profile that was set up in step 4. By default, the SSID is Pakedge2.4-1 and Pakedge5-1. You will have the option to change the name and add security profiles by selecting the options from the drop-down menu.



On/Off	Wireless Name (SSID)	Security Profile	Hide SSID	Client Isolation	Pakedge Zone (VLAN)	Manage
<input checked="" type="checkbox"/>	Pakedge1-5G	sec_profile_9	<input type="checkbox"/>	<input type="checkbox"/>	1	
<input type="checkbox"/>		sec_profile_10	<input type="checkbox"/>	<input type="checkbox"/>	1	Delete
<input type="checkbox"/>		sec_profile_11	<input type="checkbox"/>	<input type="checkbox"/>	1	Delete
<input type="checkbox"/>		sec_profile_12	<input type="checkbox"/>	<input type="checkbox"/>	1	Delete
<input type="checkbox"/>		sec_profile_13	<input type="checkbox"/>	<input type="checkbox"/>	1	Delete
<input type="checkbox"/>		sec_profile_14	<input type="checkbox"/>	<input type="checkbox"/>	1	Delete
<input type="checkbox"/>		sec_profile_15	<input type="checkbox"/>	<input type="checkbox"/>	1	Delete
<input type="checkbox"/>		sec_profile_16	<input type="checkbox"/>	<input type="checkbox"/>	1	Delete

*Guest Network

This will allow you to set up a guest network. Please see manual for further details.

Wireless

Radio Security Profiles Configuration **Guest Network**

SSID

Radio	On/Off	Wireless Name (SSID)	Security Profile
2.4GHz	<input type="checkbox"/>	Guest-2.4GHz	sec_profile_17 No Encryption
5GHz	<input type="checkbox"/>	Guest-5GHz	sec_profile_18 No Encryption

Manual IP Settings

IP Address: 192.168.200.1

Subnet Mask: 255.255.255.0

Automatic DHCP Server Settings

Starting IP Address: 192.168.200.100

Ending IP Address: 192.168.200.250

DNS Server IP: 8.8.8.8



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