W7x
Wireless Access Point Family

HIGH POWER CONCURRENT DUAL BAND WIRELESS-N ACCESS POINT

pakedgedevice&software inc.

Package Contents
Package contents depend on your W7x model. Please refer to the installation manual of your product.

System Requirements
Windows or Mac PC with an Ethernet interface

W7x Default Settings
Operation Mode: Access Point

IP Address: 192.168.1.250

Username/Password: pakedge/pakedgea

SSID: Pakedge1-2.4G and Pakedge1-5G

Power Output: High

Security: Disabled

Hardware Installation
NOTE: Please refer to the installation manual for more detailed information regarding the installation of the Access Point.

The diagrams below depict the configuration using a PoE injector or a PoE switch to power the W7x.

Power using a PoE Injector

Switch

PoE Injector

W7

Power & Ethernet

Ethernet
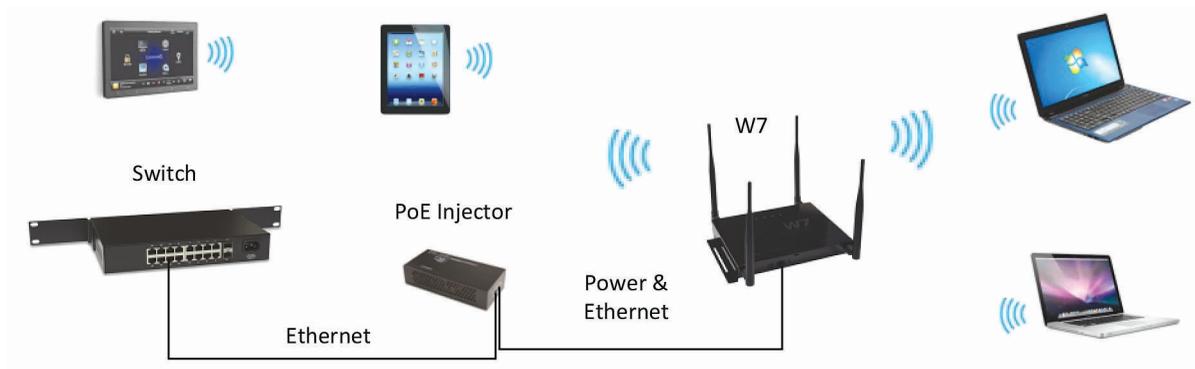
Power using a PoE Switch

Switch

W7

Ethernet
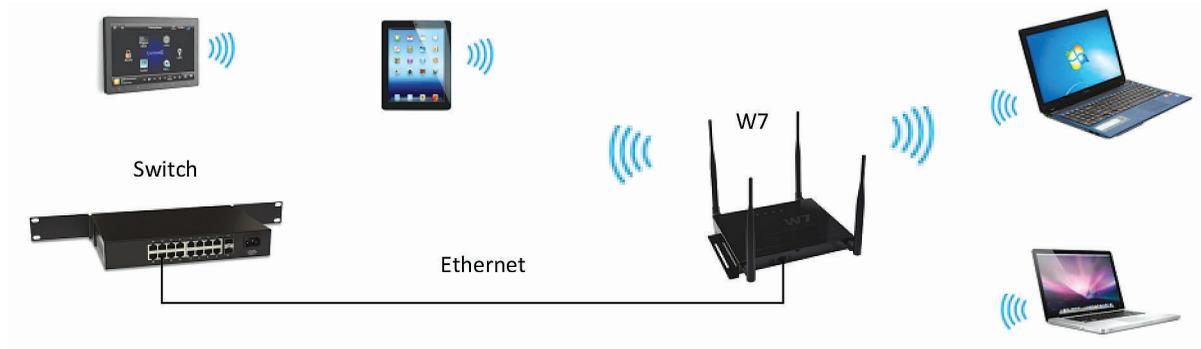
The Wireless Access Point should now be up and running with its default settings. It does not need any particular configuration to be functional. To make changes to the SSID and security settings, you need to access the W7x using a web browser.

IP Address Configuration
The default IP address of the Access Point is 192.168.1.250. You must first configure the TCP/IP settings on your computer to log into the W7x through a web browser.

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 on **"Local Area Connection"** and select **"Properties"**.

Select **"Use The Following IP Address"** and enter the following information:
IP Address: **192.168.1.10**
Subnet Mask: **255.255.255.0**
Click **"OK"**.
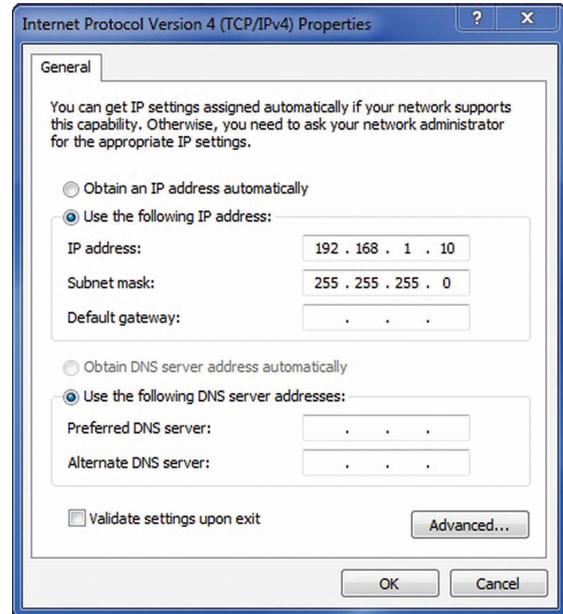
Login/Configure the Hardware
To access the configuration screen, enter **192.168.1.250** into the address bar of your web browser.
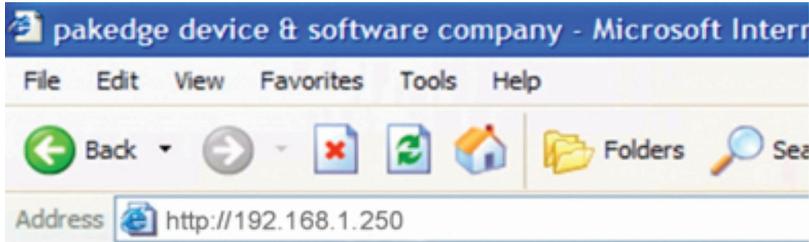
The website should appear
as shown to the right
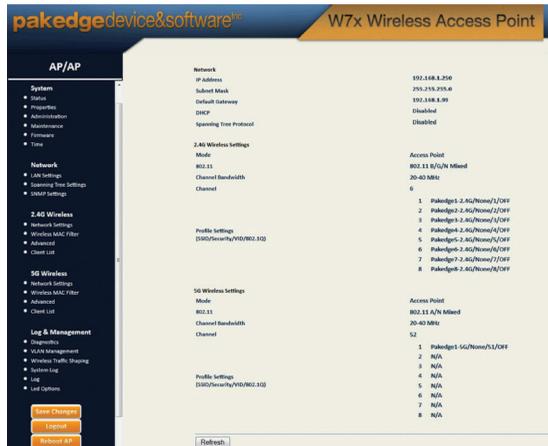
W7x Configuration

To change the IP address and default gateway of the W7x, click on **"LAN Settings"** under **"Network"**.

NOTE: For the changes to take effect, click the button **"Save Changes"** in the lower left of the menu. The unit will then reboot, applying the changes.

LAN Settings

Network Setting	○ Obtain an IP address automatically ● Specify an IP address
IP Address	192 . 168 . 1 . 250
IP Subnet Mask	255 . 255 . 255 . 0
Default Gateway	192 . 168 . 1 . 99
Primary DNS	192 . 168 . 1 . 99
Secondary DNS	8 . 8 . 8 . 8

[Apply] [Cancel]

To change the default SSID name and security settings, click on **"Network Settings"** under **"2.4G Wireless"** or **"5G Wireless"** (depending on the band you want to change), then click **"Edit"** for the SSID you want to make changes to.

2.4G / Wireless Network Settings

802.11 Mode			802.11 B/G/N Mixed ▼		
Channel Mode			20/40MHz ▼		
Channel			Ch1 ▼ ☑ Auto		
Detect Best Channel			Scan		

Current Profiles

SSID	Security	VLAN ID	Enable	Edit
Pakedge1-2.4G	None	1	☑	Edit
Pakedge2-2.4G	None	2	☐	Edit
Pakedge3-2.4G	None	3	☐	Edit
Pakedge4-2.4G	None	4	☐	Edit
Pakedge5-2.4G	None	5	☐	Edit
Pakedge6-2.4G	None	6	☐	Edit
Pakedge7-2.4G	None	7	☐	Edit
Pakedge8-2.4G	None	8	☐	Edit

If you need to broadcast multiple SSID's with different VLANS, click on "**Network Settings"**, then "**Edit"** on the SSID and change the **"VLAN ID"** to whichever VLAN you want to broadcast.

NOTE: You need a VLAN capable router for this function to work correctly.

2.4G / SSID Profile

Wireless Setting

SSID	Pakedge1-2.4G
VLAN ID	1
802.1q Tagging	☐
Suppressed SSID	☐
Station Separation	○ Enable ● Disable

Wireless Security

Security Mode	Disabled ▾

[Save] [Cancel]

Mode Specific Configuration
By default, the W7x operates in Access Point Mode. You can change the operation mode, by band, depending on your setup and needs. To change the operation mode, click on **"Properties"** under **"System"** and switch to the desired mode.

Properties

Device Name	W7x Wireless Access Point
Country/Region	United States
Operation Mode	**2.4G Wireless Configuration** ⦿ Access Point ○ Client Bridge ○ Repeater **5G Wireless Configuration** ⦿ Access Point ○ Client Bridge ○ Repeater

Apply   Cancel

Access Point Mode

In Access Point Mode, the W7x broadcasts both 2.4GHz and 5GHz signals to stations that support 802.11a/b/g/n.

Wirless Access Point Mode

Laptop

5GHz Signal

2.4GHz Signal

W7

Touch Panel

Tablet

2.4GHz Signal

5GHz Signal

Laptop

Phone

Client-Bridge Mode

In Client-Bridge Mode, you can connect the W7x to a client by its Ethernet port. The W7x will receive the wireless signal from an Access Point and send the signal, through its Ethernet port, to the client.

Client-Bridge Mode

W7

W7

Ethernet Cable

Laptop

Repeater Mode

In this mode, the W7x receives a signal wirelessly from another AP and repeats it.

NOTE: Setting the AP in Repeater Mode will sacrifice half of the bandwidth available from the primary Access Point for devices wirelessly connected to the Repeater.

Repeater Mode

Repeater Mode

Any WAP

W7

Laptop

Ethernet Cable
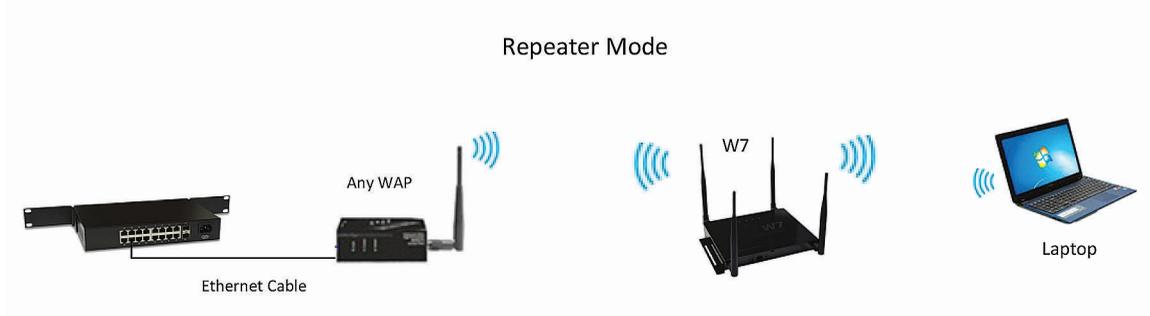
Technical Support

Please visit our website for up-to-date support information:

Website: www.pakedge.com
Email: support@pakedge.com

Contact Information:

Pakedge Device & Software Inc.
1163 Triton Drive
Foster City, CA, 94404

NOTES

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

pakedgedevice&software inc.

1163 Triton Drive
Foster City, CA 94404
U.S.A.