Quick Start Guide – Version 1.0 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





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"**.

General					
You can get IP settings assigned au this capability. Otherwise, you need for the appropriate IP settings.	tomatically if yo I to ask your ne	our net twork	twork su adminis	upport	s
🔘 Obtain an IP address automati	cally				
• Use the following IP address: -					
IP address:	192 . 168	. 1	. 10]	
Subnet mask:	255 . 255	. 255	5.0		
Default gateway:					
Obtain DNS server address aut	tomatically				
Use the following DNS server a	ddresses:				
Preferred DNS server:]	
Alternate DNS server:		•	• 1		
Validate settings upon exit			Adva	nced	
		ОК		Can	el

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

AP/AP System 1 9 Usitian 1 9 Properties 4 • Maintenance 1	Network IP Address Subnet Mask Defailt Gateway Date	192.164.1.250 253.255.25.0
System Status • Status • Properties • Administration • Maintenance	ir Abores Subnet Mask Default Gateway	255.255.255.0
Status Properties Administration Maintenance	Subnet Mask Default Gateway Dare	102.168.1.00
Properities Administration Maintenance	Default Gateway	
Administration Maintenance	DAVE	101100.109
Maintenance		Disabled
	Spanning Tree Protocol	Disabled
 Fernware 		
Time	2.46 Wireless Settings	
	Mode	Access Point
Network	802.11	802.11 B/G/N Mixed
 LAN Settings 	Channel Bandwidth	20.40 MM
 Spanning Tree Settings 		
SAMP Settings SetViews Network Settings Wreless MAC Filter Advaced Clast Lift SetWrelss Network Settings	Profile Settings (SSR)/record/g/M0/M0/2.300	1 Pandogis 2-ASCHWOOD (2017) 2 Pandogis 2-ASCHWOOD (2017) 3 Pandogis 2-ASCHWOOD (2017) 4 Pandogis 2-ASCHWOOD (2017) 4 Pandogis 2-ASCHWOOD (2017) 9 Pandogis 2-ASCHWOOD (2017) 8 Pandogis 2-ASCHWOOD (2017)
 Wireless MAC Filter 	50 Wireless Settings	
 Advanced 	Mode	Access Point
Client List	802.11	802.11 A/N Mixed
	Channel Bandwidth	20-40 MHz
Log & Management	Channel	52
 Diagnostics 		1 Pakedge1-5G/None/51/OFF
VIAN Management		2 N/A
Wheeless traffic shaping		3 N/A
System ug	Profile Settings	4 N/A
Led Orthogr	(SSID/Security/VID/802.1Q)	5 N/A
		6 N/A
		7 N/A
Logout Reboot AP	Defrech	8 N/A

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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.

Network Setting	 Obtain an IP address automatica 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

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.

802.11 Mode		802.11 B/G	N Mixed 👻	
Channel Mode		20/40MHz	•	
Channel		Ch1	- 🗹 Auto	
Detect Best Channel		Scan		
	Current Pr	ofiles		
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.

Wireless Setting		
SSID	Pakedge1-2.4G	
VLAN ID	1	
802.1q Tagging		
Suppressed SSID		
Station Separation	© Enable	Oisable
Wireless Security		
Security Mode	Disabled -	

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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.

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	

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.



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.



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.



Technical Support

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

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

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