



DRAFT

WA-4200-C, WA-4200-C-1

802.11ac 4x4 Wave 2 Access Point,
In-Ceiling



BakPak
Lite

QUICK START GUIDE

WA-4200-C features

- 802.11ac dual-band 4×4 wireless technology
- Advanced Wave 2 wireless technology with MU-MIMO and beamforming
- Powered by PoE+ (or optional 12VDC 2A power adapter, sold separately)
- Single-AP to multi-AP cloud configuration with built-in BakPak Lite
- 2 gigabit Ethernet ports
- For information on using the AP, go to pkdge.co/wa4200-ug.

System requirements

- Windows or Mac PC with an Ethernet port and Google Chrome or Mozilla Firefox

Specifications and credentials

- Operation mode: Access Point
- IP address: If no DHCP server is detected, the default IP address is automatically set to **192.168.1.21**.
- Username/Password (default): **admin/password**
- SSIDs (default): **Pakedge_Main** (5 GHz), **Pakedge_Alt** (2.4 GHz), security/password: WPA2-PSK/**pakedgewireless**
- Guest SSIDs (default): **PakedgeGuest_Main** and **PakedgeGuest_Alt**, security/password: WPA2/**pakedgeguest**
- Factory default transmit power: 13 dBm for 2.4 GHz and 18 dBm for 5 GHz.
- Power: PoE+ or AC adapter (not included) 12V DC 2A

Planning the wireless network

For tips on planning your network and positioning the access points, see:

- Wireless Design Guide at pkdgc.co/wirelessdesign
- Best Practices for Access Point Placement Guide at pkdgc.co/ap-bp



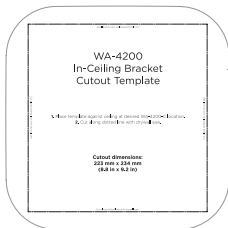
Wireless
Design
Guide



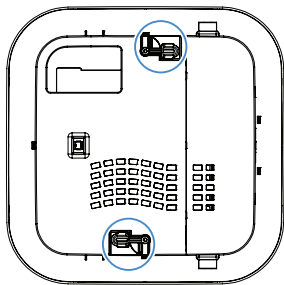
AP
Placement
Guide

Mounting into the in-ceiling bracket

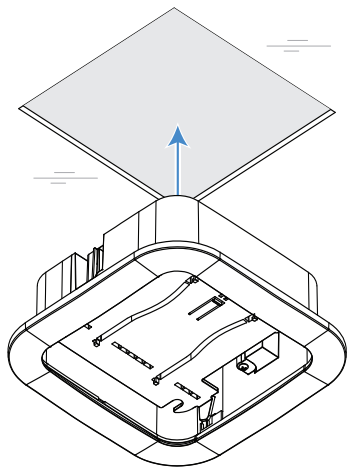
- 1 Place the included template against the ceiling at the desired location, then cut along the dotted line with a drywall saw.



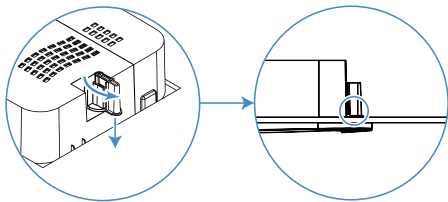
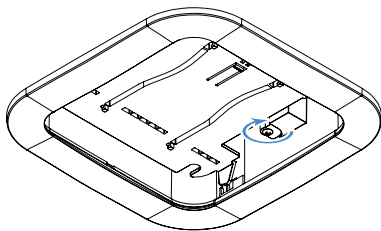
- 2** Make sure that the in-ceiling bracket's mounting latches are in their closed position.



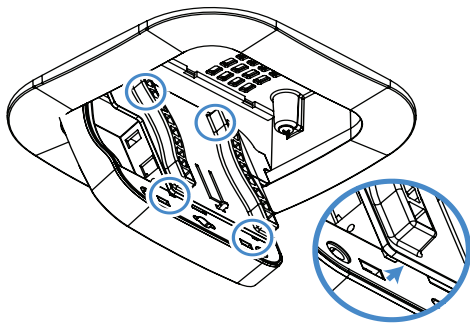
- 3** Insert the in-ceiling bracket into the opening you created in step 1.



- 4** Tighten both mounting latch screws clockwise until the ceiling is securely clamped between the in-ceiling bracket and the latches.



- 5** Press the four tabs on the swing-out bracket rails with the corresponding holes in the bottom of the AP, then slide the AP slightly away from the bracket to lock the tabs into the holes.
- 6** Press the AP into the bracket until it clicks into place.



Powering up

The AP can be powered by either PoE or the optional AC power adapter (sold separately).

To power up the access point:

- 1 Connect power using a POE injector or POE switch, or with the optional AC power adapter (sold separately).

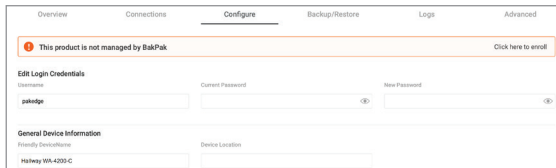
The access point should now be up and running with its default settings. It does not need to be configured to be functional. To make changes to the SSID and security settings, you need to access the AP using a web browser.

Logging in to the access point

To log in to the access point:

- 1 Connect the access point to your PoE switch with an Ethernet cable.
- 2 Log in to your Pagedge router to find the IP address assigned to the access point under the *DHCP Client Table*.
Tip: If you do not have a router in your network that distributes IP addresses, you can try to access the access point through its default IP address of **192.168.1.21**.
- 3 Enter that IP address into a web browser to open the access point interface. The *Sign In* page opens.
Note: Because the AP uses self-signed certificates for secure connection to the web browser, a security message will appear. There is no risk in proceeding to the AP's web interface, and communications will remain secure.
- 4 In the *username* box, type **admin**. In the *password* box, type **password**, then click **Sign In**. The first time you log in, the *Configure* page opens.

- 5 Enter and verify a new username and password (required) before continuing, then click **Apply** to complete the setup.



The screenshot shows the 'Configure' tab of a device management interface. At the top, there are navigation tabs: Overview, Connections, Configure (selected), Backup/Restore, Logs, and Advanced. Below the tabs, a message box states: 'This product is not managed by BakPak' with a 'Click here to enroll' link. The main section is titled 'Edit Login Credentials' and contains fields for Username (pre-filled with 'pakege'), Current Password, and New Password. Below this is the 'General Device Information' section with fields for Friendly Device Name (pre-filled with 'Halway WA-4209-C') and Device Location.

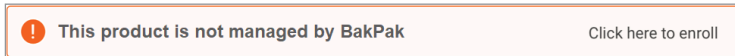
Caution: For international models, you must change the *Country Code* (a drop-down list defaulting to **GB - United Kingdom**), to the specific country of operation.

Registering your device with BakPak Lite

You can connect your access point to your existing BakPak account or create a new account to manage all of your BakPak network management agents.

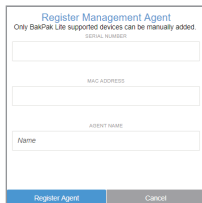
To register your device to your BakPak account:

- 1 In the device's *Connections* tab, to the right of the “This product is not managed by BakPak” message, click **Click here to enroll**.



This is a close-up of the message box shown in the screenshot above. It contains an orange exclamation mark icon, the text 'This product is not managed by BakPak', and a 'Click here to enroll' link on the right.

2 Follow the on-screen instructions to complete your device registration.



A dialog box titled "Register Management Agent" with a subtitle "Only BakPak Lite supported devices can be manually added." It contains three input fields: "SERIAL NUMBER", "MAC ADDRESS", and "AGENT NAME" (with a "Name" placeholder). At the bottom are "Register Agent" and "Cancel" buttons.

Creating a BakPak site for WA Series APs

To begin managing and configuring the AP, you need to create a BakPak site for it.

To create a BakPak site:

- 1 Log in to your BakPak account, then click **Add Site** to create a site.
- 2 In the *Management Agent* list, select the first WA-4200, complete the site information, then click **OK**.



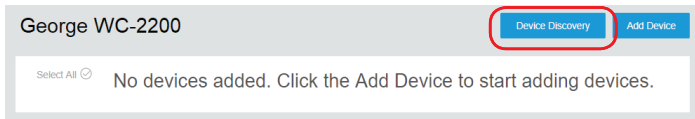
A dialog box titled "Add management agent site" with a subtitle "Complete the basic information about this site. Note that a Management agent is the network device which hosts BakPak, such as an RIG-1, or an NRC-1. When you are finished, click 'Next' and BakPak will then scan and detect all the devices on that site." It contains a dropdown menu for "MANAGEMENT AGENT" with "WA-4200-C" selected, and a text input field for "SITE NAME" with a "Name" placeholder. At the bottom right is an "OK" button.

Adding WA Series APs to the site

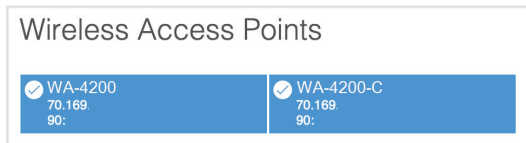
After the BakPak site is created, the AP will act as the “master AP” for adding more WA-4200 APs to the site. For the full multi-AP deployment guide, see pkdge.co/wa4200-multi.

To add APs and provision them with the existing configuration:

- 1 Make sure that the master AP is already configured (through the local UI or BakPak), and that the additional APs are turned on for at least five minutes and connected to your network.
- 2 In BakPak, select the new WA-4200 site, then click **Device Discovery**.



Any additional WA Series APs are discovered and appear as tiles that can be selected (already selected by default).



- 3 Click **OK**. The APs are added to the site.
- 4 To apply the master AP's settings to the new APs, in the BakPak site select the master AP, then complete the site information and click **Save & Apply Multiple** at the bottom. The settings are copied to the new APs.

Technical Support

For technical help:
www.pakedge.com/portal
support@pakedge.com
(650) 385-8703

For regulatory information:
www.pakedge.com/regulatory



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