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AN-420-AP-D
Wi-Fi 6 Tri-band Access Point
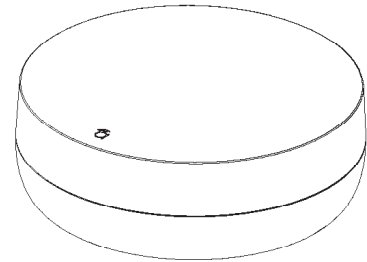
Quick Start Guide

Welcome to Araknis Networks™

Thank you for choosing an Araknis™ Wi-Fi 6 Tri-band Access Point (AP).

With improved thermal performance by way of a die-cast aluminum bottom and desktop mounting for convenient use, this tri-band access point has the versatility to maintain performance in both wireless and wired installs for home applications.
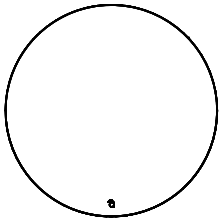
Features

- Sleek circular design
- Unobtrusive recessed lighting
- 1 x Gigabit LAN port
- 1 x Gigabit LAN port (data only)
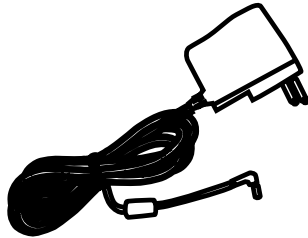- 12V 3A DC powered
- Multi-user MIMO
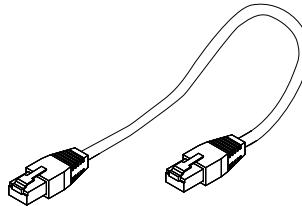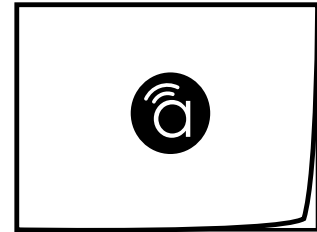- OvrC enabled

AN-420-AP-D

Step 1: Unbox

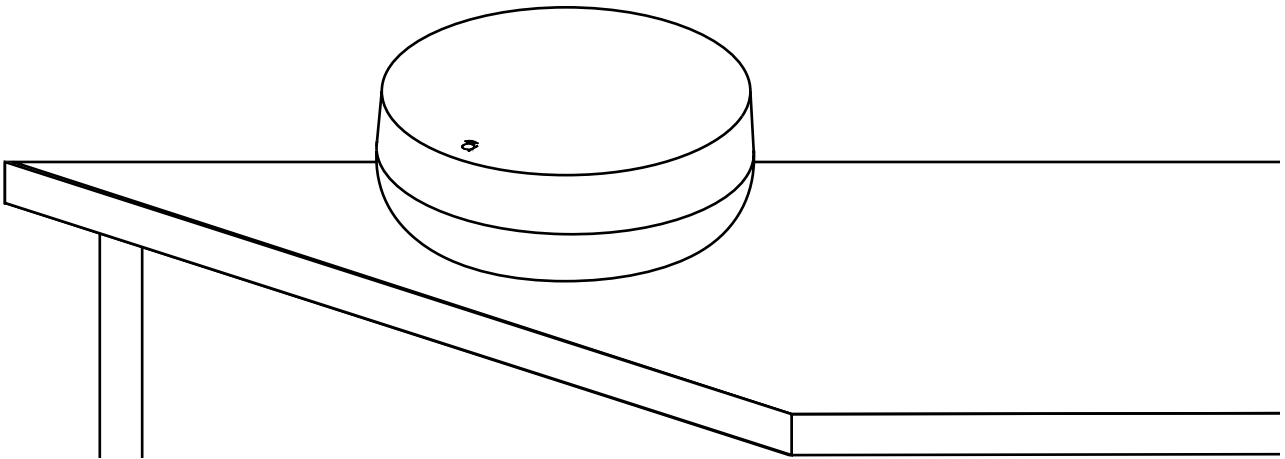Access Point
(AP)

12V 3A DC power supply

2ft category patch cable
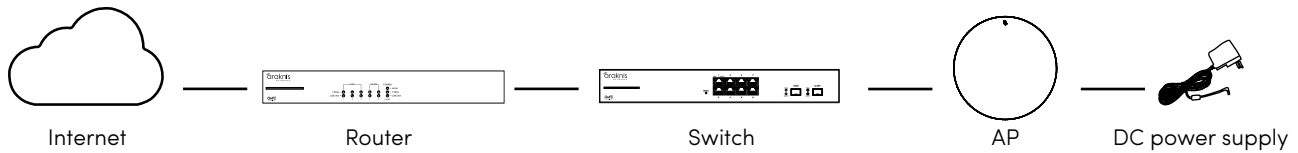
Quick Start Guide

Note: You must use the 12V 3A DC power supply.

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Step 2: Install

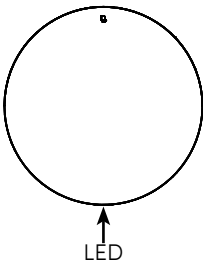Place the AP on a desk, table, or shelf. Perform a thorough site survey to determine the best area to install the AP in the house.
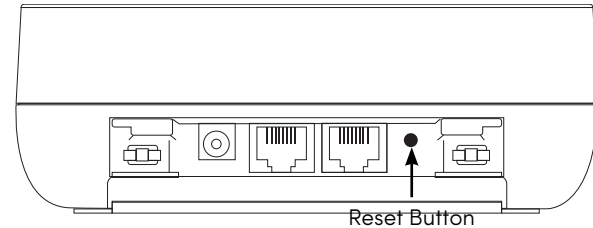
Step 3: Connect

Internet   Router   Switch   AP   DC power supply

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Step 4: Operation

LED States

LED

AP State	LED State	Description
Operational States	No LED	The AP is not powered on
	Solid White	The AP is in a startup process at the uboot stage
	Blinking White	The AP is in a startup process at the kernel stage
	Solid Blue	The AP started correctly and is running in an operational state
	Blinking Blue	The AP is operating but is underpowered
Error States	Blinking Orange	The AP is not connected to the internet
	Blinking Green	The AP is performing a firmware update
	Solid Orange	The AP failed a firmware update and needs to be recovered
	Solid Red	The AP is non-functional

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Reset Procedures

Reset Button

The reset button AP's cable bay.

Reset Button Action	LED State	Description
Hold the reset button for 1–9 seconds	Blinking Green	Restarts the AP
Hold the reset button for 10–19 seconds*	Blinking Orange	Resets the username and password only
Hold the reset button for more than 20 seconds	Blinking Red	Resets the AP to factory defaults

* This action is only available when the Reset Password toggle is disabled in the web interface.
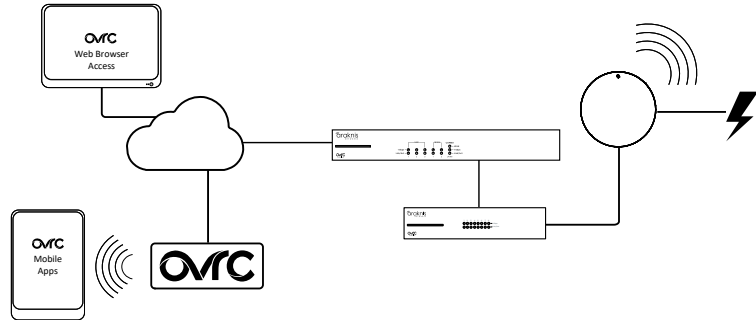
Step 5: Configuration

Araknis APs can be configured through OvrC or the local interface. The local interface is accessible using OvrC's WebConnect feature, typing the AP's DHCP address into your browser's address bar, or using the AP's default IP address.

Configuring the AP in OvrC

OvrC provides Wi-Fi management, remote device management, real-time notifications, and intuitive customer management, using your computer or mobile device. Setup is plug-and-play, with no port forwarding or DDNS address required.

To add this device to your OvrC account:

1. Connect the AP to the internet
2. Log into OvrC (www.ovrc.com)
3. Scan the site using an OvrC Pro device, or add the AP manually by entering the MAC address and Service Tag.

Logging in to the Local Interface

1. Log into the AP using the default credentials:

Username	araknis
Password	araknis

2. You must update the password after initial login.

Pro Tip: Strong passwords are long and unrelated to the client's public details. For example, *thepepperonipizzas* is stronger and easier to remember than *P@ssword* or *thesmiths*.

Saving and Applying Changes

1. Click the **Save** button after applying changes to a page. This holds the new settings in the Apply Changes field.
2. After all desired changes have been made, click the flashing **Apply Changes** button, at the bottom of the left menu, to review the new settings. Click **Apply** to make the changes or **Revert** to cancel the changes.

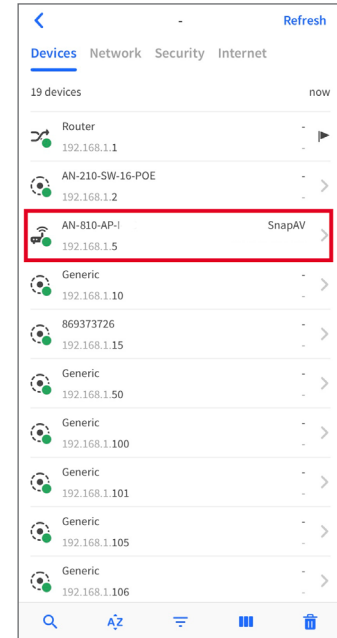**Note:**   Settings take effect after the progress bar reaches 100%.

Other Access Methods: DHCP IP Address

The AP is configured to DHCP by default so that the DHCP server can assign an IP address when the AP is connected to the network (the DHCP server is usually the router). This address can be used for accessing the web interface.

Use one of these methods to find the IP address of the AP:

- Check the device list in OvrC.
- Check the client table on your router.
- Use a network scanner (e.g. Fing) to scan the network. The Araknis AP manufacturer field displays **SnapAV**.
- See the highlighted field in the Fing screenshot to the right for an example of an Araknis device being identified.
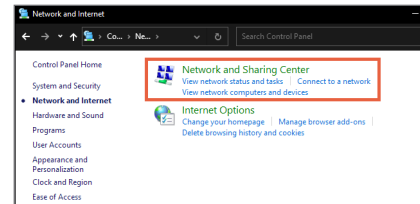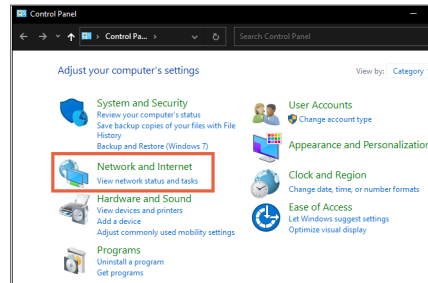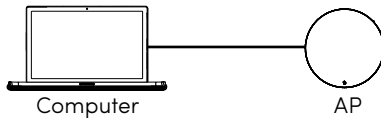
Accessing the AP Using the Default IP Address

If the AP is not given an IP address on the network, or needs to be accessed while not connected to a network, you can configure your computer's network connection to access the AP using the default IP address, **192.168.20.253**.
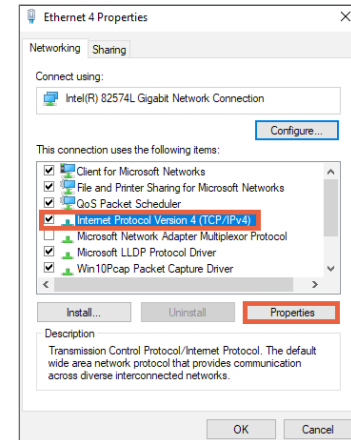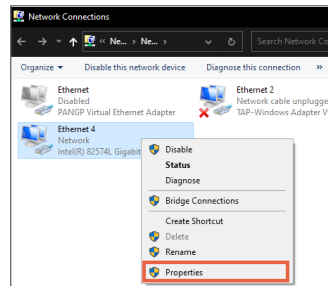
Windows 10 screenshots shown for reference.

1. Connect your PC to the AP using an Ethernet cable.

2. Open the Control Panel and click **Network and Internet**.

3. Click **Network and Sharing Center**.

Computer   AP

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Windows 10 screenshots shown for reference.

4. Click **Change adapter settings**.

5. Right-click the icon for the wired network connection, then left-click **Properties**.

6. Select **Internet Protocol Version 4 (TCP/IPv4)**, then click **Properties**.

7. In the **General** tab, click **Use the following IP address:** and enter the IP address and subnet mask, then click **OK**.

IP Address	192.168.20.2
Subnet Mask	255.255.255.0

8. Open a browser and navigate to **https://192.168.20.253/**. Log in using the default credentials:

Username	araknis
Password	araknis

9. Set your computer's IPv4 Properties back to **Obtain an IP address automatically**, then click **OK**.

FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Statement

This device has been evaluated to meet general RF exposure requirement.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and a human body.

ISED Statement

This device contains licence-exempt transmitter(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) this device may not cause interference,
(2) this device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) L'appareil ne doit pas produire de brouillage;
(2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

ISED Statement

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and a human body.

Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et un corps humain.

This devices are restricted to indoor operation only in the band 5150–5250MHz.

Ces appareils sont limités à un fonctionnement dans la porte uniquement dans la bande 5150–5250 MHz.

Technical Support

For chat and telephone, visit **snp1.co/techsupport** • Email: **TechSupport@SnapOne.com.** Visit **snp1.co/tc** for discussions, instructional videos, news, and more.

Warranty and Legal Notices

Find details of the product's Limited Warranty at **snapone.com/legal/** or request a paper copy from Customer Service at 866.424.4489. Find other legal resources, such as regulatory notices and patent and safety information, at **snapone.com/legal/** .

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