AirTies 4920

AirTies Wi-Fi Airi by Frontier Secure Smart Mesh Access Point 4920 User Manual

Model: 4920

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your AirTies Wi-Fi Airi by Frontier Secure Smart Mesh Access Point 4920. The Airi 4920 is designed to enhance your Wi-Fi network by creating a reliable, high-capacity mesh network with extended coverage throughout your home or office, supporting multiple smart devices.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 2 x AirTies Airi 4920 Mesh Extenders
- 2 x Ethernet Cords
- 2 x Power Adapters

3. PRODUCT OVERVIEW

The AirTies Airi 4920 is a dual-band (2.4GHz/5GHz) Smart Mesh Wi-Fi access point designed to eliminate dead zones and provide seamless wireless coverage. It features intelligent mesh technology for optimal performance and connectivity.

Figure 1: AirTies Airi 4920 Smart Mesh Access Points. This image displays two AirTies Airi 4920 Smart Mesh Access Points. Each unit is white with the 'airi by Frontier Secure' logo. The front panel features indicator lights for 5 GHz, 2.4 GHz, and power, along with a WPS button.

Key Features:

- **Smart Mesh Technology:** Creates a reliable and high-capacity Wi-Fi network with wider reach.
- **Dead Zone Elimination:** Extends wireless coverage to remove areas with no signal.
- **Dual-Band Connectivity:** Supports both 2.4GHz and 5GHz frequencies for optimal device connection.
- **Seamless Roaming:** Connects devices to the best available channel automatically.
- **Gigabit Ethernet Ports:** Two ports for wired connections.
- **WPS Button:** For easy and secure device pairing.
- **Guest Mode:** Allows creation of a separate network for guests.

4. SETUP INSTRUCTIONS

Follow these steps to set up your AirTies Airi 4920 mesh network:

1. **Placement:** Place your first Airi 4920 unit near your existing modem or router. Ensure it is in an open area, away from obstructions and sources of interference.

2. **Connect to Power:** Plug the power adapter into the Airi 4920 unit and then into a power outlet. Wait for the power indicator light to turn solid green.

3. **Connect to Router:** Use one of the provided Ethernet cords to connect an Ethernet port on the Airi 4920 to a LAN port on your existing modem or router.

4. **Add Second Unit:** Place the second Airi 4920 unit in an area where you want to extend Wi-Fi coverage, ideally halfway between your main router and the Wi-Fi dead zone.

5. **Power On Second Unit:** Plug the second unit into a power outlet. Wait for the power indicator light to turn solid green.

6. **Establish Mesh Connection (WPS Method):**
   - Press the WPS button on your main router (if available) or the first Airi 4920 unit.
   - Within two minutes, press the WPS button on the second Airi 4920 unit.
   - The 5GHz and 2.4GHz indicator lights on both Airi units should blink and then turn solid green, indicating a successful mesh connection.

7. **Establish Mesh Connection (Manual Method - if WPS fails):**
   - Connect a computer or mobile device to the Wi-Fi network broadcast by the first Airi 4920 unit. The network name (SSID) and password can usually be found on a label on the device.
   - Open a web browser and navigate to the Airi 4920's administration page (refer to the device label or manufacturer's website for the default IP address).
   - Follow the on-screen instructions to add the second Airi 4920 unit to the mesh network.

8. **Verify Connection:** Check the indicator lights on both units. Solid green lights for 5GHz and 2.4GHz indicate a strong connection. If lights are orange or red, reposition the second unit closer to the first or troubleshoot the connection.

5. OPERATING INSTRUCTIONS

5.1 Indicator Lights

- **Power Light:** Solid green indicates power on.
- **5GHz Light:** Indicates 5GHz Wi-Fi band status. Solid green for active, blinking for activity.
- **2.4GHz Light:** Indicates 2.4GHz Wi-Fi band status. Solid green for active, blinking for activity.

5.2 Connecting Devices

Once the mesh network is established, your devices (laptops, smartphones, tablets) will automatically connect to the strongest available Wi-Fi signal from either Airi unit. The system intelligently steers devices to the optimal 2.4GHz or 5GHz band.

5.3 Using the WPS Button

The WPS (Wi-Fi Protected Setup) button allows for quick and secure connection of WPS-compatible devices to your mesh network without manually entering the password. Simply press the WPS button on an Airi unit, then activate WPS on your device within two minutes.

5.4 Guest Mode

The Airi 4920 supports a Guest Mode feature. This allows you to create a separate Wi-Fi network for guests, keeping your main network secure. Access and configure Guest Mode settings through the device's web administration interface.

6. MAINTENANCE

To ensure optimal performance and longevity of your AirTies Airi 4920 units:

- **Firmware Updates:** Regularly check the AirTies support website for firmware updates. Keeping your devices updated ensures the latest features, security patches, and performance improvements.
- **Placement:** Avoid placing units in enclosed spaces, near large metal objects, or close to other electronic devices that may cause interference (e.g., microwaves, cordless phones).
- **Cleaning:** Gently wipe the exterior of the units with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Ventilation:** Ensure the ventilation slots are not blocked to prevent overheating.

7. TROUBLESHOOTING

If you encounter issues with your AirTies Airi 4920, refer to the following common troubleshooting steps:

- **No Internet Connection:**

- Ensure your main modem/router has an active internet connection.
- Verify the Ethernet cable connecting the first Airi unit to your router is securely plugged in.
- Restart your modem, router, and both Airi units by unplugging them for 30 seconds and then plugging them back in.
- Check the indicator lights on the Airi units. If they are not solid green for 5GHz and 2.4GHz, the mesh connection may not be established.

- **Weak Wi-Fi Signal or Dead Zones Persist:**
  - Reposition the second Airi unit. It should be placed where it can receive a good signal from the first unit while still extending coverage to the desired area.
  - Avoid physical obstructions like thick walls, metal objects, and large appliances.
  - Ensure there are no other devices causing wireless interference nearby.

- **Devices Not Connecting to Mesh Network:**
  - Confirm the mesh network is active (solid green 5GHz and 2.4GHz lights).
  - Forget the Wi-Fi network on your device and reconnect.
  - Ensure your device's Wi-Fi is enabled and it is within range of an Airi unit.

- **WPS Not Working:**
  - Ensure you are pressing the WPS buttons within the specified time frame (usually 2 minutes).
  - Try the manual setup method via the web administration interface if WPS continues to fail.

- **Compatibility with Specific ISPs (e.g., AT&T):**
  - Some Internet Service Providers (ISPs) may have specific router configurations or limitations that affect third-party mesh systems. If you experience persistent connectivity issues with a specific ISP, consult your ISP's support or the AirTies support for compatibility information and recommended settings.

8. SPECIFICATIONS

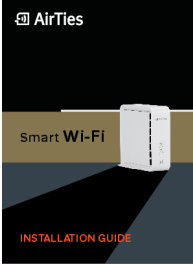| Feature	Detail
Brand	AirTies
Model Name	Airi
Item Model Number	4920
Connectivity Technology	Wi-Fi
Wireless Communication Standard	802.11ac
Frequency Band Class	Dual-Band (2.4GHz / 5GHz)
Special Feature	Guest Mode
Compatible Devices	Laptop, Smartphone, Tablet
Recommended Uses	Home
Antenna Type	Internal
Item Weight	15 ounces

Feature	Detail
Package Dimensions	14.96 x 11.06 x 3.43 inches

9. WARRANTY AND SUPPORT

For specific warranty information, please refer to the documentation included with your purchase or visit the official AirTies website. For technical support, product registration, or further assistance, please contact AirTies customer support through their official channels.

Online Resources: For the most up-to-date information, FAQs, and troubleshooting guides, please visit the AirTies support portal.

Related Documents - 4920

[AirTies 4920 Wi-Fi Premium User Manual](#)
User manual for the AirTies 4920 Wi-Fi Premium device, covering setup, configuration as repeater or access point, network security, and troubleshooting.

[AirTies Air 4920 Expansion Unit: Quick Installation Guide for Home Wi-Fi Mesh](#)
This guide provides instructions for installing and setting up the AirTies Air 4920 Home Wi-Fi Mesh Access Point Expansion Unit. Learn about package contents, ports, LED behavior, mesh setup, standalone configuration, and troubleshooting.

[AirTies Air 4930 Smart Wi-Fi Installation Guide](#)
Comprehensive installation guide for the AirTies Air 4930 Smart Wi-Fi access point, detailing device setup, network configuration, optimal placement, and safety precautions.

[Vodič za brzo podešavanje AirTies 4290 Wi-Fi Mesh sistema](#)
Ovaj vodič pruža korak-po-korak uputstva za brzo podešavanje AirTies 4290 Wi-Fi Mesh sistema, uključujući povezivanje uređaja, konfiguraciju putem mobilne aplikacije, tehničke karakteristike, bezbednosna uputstva i rešavanje problema.

[Airties Air 4960 Wi-Fi 6 Smart Mesh Access Point User Manual](#)

User manual for the Airties Air 4960 Wi-Fi 6 Smart Mesh Access Point. Learn about installation, ports, best performance tips, factory reset, and troubleshooting for your mesh network device.

[AirTies Air 4920 Triple Pack Home Wi-Fi Mesh Kit: Features & Specifications](#)

Discover the AirTies Air 4920 Triple Pack, a premium Home Wi-Fi Mesh Kit designed to provide seamless, high-quality Wi-Fi coverage throughout your home. Learn about its features, technical specifications, and system requirements.