

Aruba AP-515

Aruba AP-515 Unified Wireless Access Point User Manual

Model: AP-515 (Q9H63A)

1. INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your Aruba AP-515 Unified Wireless Access Point. The Aruba AP-515 is a high-performance 802.11ax (Wi-Fi 6) access point designed to deliver superior wireless connectivity and capacity for various environments. This renewed product has been professionally inspected and tested to function like new.

2. SAFETY INFORMATION

Please read all safety instructions before using this product. Failure to follow these instructions could result in injury or damage to the device.

- Ensure proper ventilation around the access point to prevent overheating.
- Do not expose the device to water or excessive moisture.
- Use only the power adapter and cables specified for this device.
- Avoid placing the device near heat sources or in direct sunlight.
- Installation should be performed by qualified personnel if mounting on ceilings or walls.

3. PACKAGE CONTENTS

Verify that your package contains the following items:

- Aruba AP-515 Unified Wireless Access Point
- Mounting Kit
- (Accessories may not be original, but will be compatible and fully functional. Product may come in generic box.)

4. PRODUCT OVERVIEW

The Aruba AP-515 is a high-performance access point supporting the 802.11ax (Wi-Fi 6) standard. It is designed to

provide robust and efficient wireless connectivity for demanding environments.

Key Features:

- **Wi-Fi 6 (802.11ax) Support:** Delivers faster speeds and increased capacity.
- **Dedicated 6 GHz Band:** Optimizes performance for Wi-Fi 6E enabled devices, offering faster data rates and lower latency.
- **High Capacity:** Supports up to 75 active devices simultaneously.
- **Built-in Security:** Features WPA3, RADIUS support, and Access Control Lists for enhanced network protection.
- **Easy Management:** Setup and management via the Instant On mobile app or web portal.
- **Versatile Deployment:** Suitable for offices, schools, multi-purpose buildings, and other high-traffic environments.



Figure 1: Aruba AP-515 Unified Wireless Access Point. This image shows the compact, white access point with its indicator lights.

5. SETUP

The Aruba AP-515 is designed for quick and easy setup using the HPE Networking Instant On mobile app or web portal.

1. **Connect Power and Network:** Connect the access point to power (via a compatible PoE switch or power adapter, not included) and to your network via an Ethernet cable.
2. **Download App or Access Web Portal:** Download the "HPE Networking Instant On" mobile app from your device's app store or navigate to the Instant On web portal.
3. **Create Account and Site:** Follow the on-screen instructions to create an Instant On account and set up your network site.
4. **Discover and Add Device:** The app/portal will automatically discover your AP-515. Add the device to your site and follow prompts to configure your Wi-Fi networks (SSIDs), security settings (WPA3, RADIUS, ACLs), and other preferences.
5. **Verify Connectivity:** Once configured, verify that your devices can connect to the new Wi-Fi network and

access the internet.

Setup Video Resources:

HPE Networking Instant On Access Point AP32 Product Overview

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This video provides an overview of the HPE Networking Instant On Access Point AP32, which shares many features and the same management platform as the AP-515. It highlights key functionalities and benefits of the Instant On series.

HPE Networking Instant On Access Points

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This video offers a general introduction to the HPE Networking Instant On Access Points, covering their ease of setup, security features, and suitability for various business environments.

6. INSTALLATION

The Aruba AP-515 comes with a mounting kit for flexible installation options. It can be mounted on walls or ceilings to optimize wireless coverage.

- Refer to the specific instructions included with your mounting kit for detailed steps.
- Choose a central location free from obstructions for optimal signal distribution.
- Ensure the mounting surface is sturdy enough to support the access point.

7. OPERATING INSTRUCTIONS

Once installed and configured, the Aruba AP-515 operates automatically to provide seamless wireless connectivity. You can manage and monitor your network using the Instant On mobile app or web portal.

- **Network Monitoring:** View connected clients, network usage, and device status.
- **Configuration Changes:** Adjust Wi-Fi settings, add new networks, or modify security policies.
- **Guest Access:** Easily set up and manage guest networks with customizable access rules.
- **Firmware Updates:** The system will notify you of available firmware updates to ensure optimal performance and security.

Operation Video Resources:

HPE Networking Instant On Wi-Fi 6 Portfolio

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This video showcases the HPE Networking Instant On Wi-Fi 6 portfolio, demonstrating how these devices enhance network performance and capacity for modern business needs.

8. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Aruba AP-515.

- **Cleaning:** Gently wipe the exterior of the access point with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- **Firmware Updates:** Keep the device firmware updated through the Instant On app/portal to benefit from the latest features, security patches, and performance improvements.
- **Environmental Conditions:** Ensure the device operates within its specified temperature and humidity ranges.

9. TROUBLESHOOTING

If you encounter issues with your Aruba AP-515, refer to the following common troubleshooting steps:

- **No Connectivity:**
 - Check if the access point is powered on and its indicator lights are normal (refer to product documentation for LED status).
 - Ensure the Ethernet cable is securely connected to both the access point and the network switch/router.
 - Verify that your internet service is active.
- **Slow Wi-Fi Speeds:**
 - Check for network congestion. The AP-515 supports up to 75 devices, but excessive simultaneous high-bandwidth usage can impact performance.
 - Ensure your client devices are Wi-Fi 6E compatible to fully utilize the 6 GHz band.
 - Relocate the access point to a more central location or away from potential interference sources (e.g., microwaves, cordless phones).
- **Access Point Blocked/Unresponsive:**
 - If the access point appears blocked or unresponsive, check the Instant On app/portal for alerts or status messages.
 - Perform a soft reboot of the access point via the management interface.
 - If issues persist, consider a factory reset (refer to the device's specific reset procedure) and reconfigure.

10. SPECIFICATIONS

Product Dimensions	7.9 x 7.9 x 1.8 inches
Item Weight	1.79 pounds
ASIN	B084T8CG3K
Date First Available	February 14, 2020
Manufacturer	Aruba
Wireless Standard	802.11ax (Wi-Fi 6)
Max Throughput	4.8 Gbps

11. WARRANTY AND SUPPORT

This Aruba AP-515 is a renewed product. Renewed products are professionally inspected and tested to work and

look like new by Amazon-qualified suppliers.

- **Amazon Renewed Guarantee:** If not satisfied with the purchase, renewed products are eligible for replacement or refund under the Amazon Renewed Guarantee.
- **Return Policy:** This product is eligible for replacement or refund within 90 days of receipt.
- **Technical Support:** For technical assistance, refer to the HPE Networking Instant On support resources available through their official website or the mobile application.