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› Alarm.com ADC-W110 PoE to Wi-Fi Bridge User Manual

Alarm.com ADC-W110

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1. INTRODUCTION AND OVERVIEW

This manual provides instructions for the Alarm.com ADC-W110 PoE to Wi-Fi Bridge, a device designed to enable hardwired Ethernet devices, including Power over Ethernet (PoE) cameras, to connect to a local Wi-Fi network. It eliminates the need for direct Ethernet cable runs by converting a wired connection to wireless, supplying both power and IP data to compatible PoE devices. The ADC-W110 requires external power from a standard electrical outlet.

The ADC-W110 offers a convenient solution for integrating wired devices into a wireless network environment, enhancing flexibility in device placement and reducing cabling requirements.

2. SAFETY INFORMATION

- Ensure the device is plugged into a standard electrical outlet within the specified voltage range (100-120V AC).
- Do not expose the device to water or excessive moisture.
- Avoid placing the device near heat sources or in direct sunlight.
- Do not attempt to open or repair the device. Refer all servicing to qualified personnel.
- Use only the provided or recommended accessories.

3. PACKAGE CONTENTS

Verify that your package contains the following items:

- Alarm.com ADC-W110 PoE to Wi-Fi Bridge
- Quick Start Guide (not included in this manual, but typically with product)

4. PRODUCT FEATURES

The Alarm.com ADC-W110 PoE to Wi-Fi Bridge offers the following key features:

- **Simple Plug-in Installation:** Designed for easy setup without complex wiring.
- **Secure, Reliable Wi-Fi Connectivity:** Ensures stable wireless communication for connected devices.
- **Eliminates the Need for Wires:** Converts wired Ethernet connections to wireless, reducing cable clutter.
- **Wi-Fi Security:** Supports WEP, WPA, and WPA2 Wi-Fi protocols for secure network access.
- **Wireless Standard:** Complies with IEEE 802.11 b/g/n 2.4 GHz standards.
- **Operating Voltage:** Compatible with 100-120V AC power sources.

5. SETUP INSTRUCTIONS

Follow these steps to set up your ADC-W110 PoE to Wi-Fi Bridge:

1. **Power Connection:** Plug the ADC-W110 directly into a standard 100-120V AC wall outlet. Ensure the outlet is easily accessible.
2. **Network Connection:** Connect an Ethernet cable from your PoE-enabled device (e.g., Alarm.com camera) to the Ethernet port on the bottom of the ADC-W110. The bridge will provide both power and network data to the connected device.
3. **Wi-Fi Configuration:** The ADC-W110 will automatically attempt to connect to your local Wi-Fi network. For initial setup or if a connection is not established, refer to the Alarm.com app or your system's main control panel for Wi-Fi pairing instructions. This typically involves selecting the ADC-W110 from a list of discoverable devices and entering your Wi-Fi network credentials.
4. **Verification:** Once connected, the LED indicators on the ADC-W110 should show a stable connection status. Refer to the Operating Instructions section for LED indicator meanings.



Figure 1: The Alarm.com ADC-W110 PoE to Wi-Fi Bridge plugged into a standard wall outlet. An Ethernet cable is connected to the bottom of the bridge, ready to provide network and power to a compatible PoE device. The device is white and compact, designed for discreet placement.

6. OPERATING INSTRUCTIONS

Once successfully set up, the ADC-W110 operates automatically, providing continuous Wi-Fi connectivity and Power over Ethernet to the connected device.

LED Indicators:

The ADC-W110 features LED indicators to communicate its status. *(Note: Specific LED patterns and their meanings are typically detailed in a quick start guide or product documentation. Please refer to official Alarm.com resources for precise interpretations.)*

- **Power LED:** Indicates the device is receiving power.
- **Wi-Fi Status LED:** Indicates the status of the Wi-Fi connection (e.g., solid for connected, blinking for attempting to connect).
- **Ethernet/PoE LED:** Indicates activity and connection status for the connected Ethernet device.

For optimal performance, ensure the ADC-W110 is placed within good range of your Wi-Fi router and away from major obstructions or sources of interference.

7. MAINTENANCE

The Alarm.com ADC-W110 requires minimal maintenance. Follow these guidelines:

- **Cleaning:** Gently wipe the device with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- **Firmware Updates:** Ensure your Alarm.com system and connected devices receive regular firmware updates, which may include updates for the ADC-W110, to maintain optimal performance and security. These updates are typically managed through your Alarm.com account or app.
- **Environmental Conditions:** Operate the device within its specified temperature and humidity ranges.

8. TROUBLESHOOTING

If you encounter issues with your ADC-W110, refer to the following troubleshooting steps:

- **No Power:**
 - Ensure the ADC-W110 is securely plugged into a working electrical outlet.
 - Check if the outlet is receiving power by testing it with another device.
- **No Wi-Fi Connection:**
 - Verify that your Wi-Fi router is powered on and functioning correctly.
 - Ensure the ADC-W110 is within range of your Wi-Fi network.
 - Check your Alarm.com app or system panel for Wi-Fi configuration settings and ensure the correct network credentials have been entered.
 - Temporarily move the ADC-W110 closer to your router to rule out range issues.
- **Connected Device Not Receiving Power/Data:**
 - Ensure the Ethernet cable is securely connected between the ADC-W110 and the PoE device.
 - Verify that the connected device is PoE compatible.
 - Check the Ethernet/PoE LED on the ADC-W110 for activity.
 - Try a different Ethernet cable.

- **Device Reset:** If issues persist, you may need to perform a factory reset. (Note: Refer to official Alarm.com documentation for specific reset procedures, as this may vary.)

9. SPECIFICATIONS

Brand	Alarm.com
Model Number	ADC-W110
Color	White
Power Source	Corded Electric
Operating Voltage	Min: 100 V, Max: 120 V
Connectivity Technology	Wireless (Wi-Fi)
Wireless Standard	IEEE 802.11 b/g/n 2.4 GHz
Wi-Fi Security	WEP, WPA, WPA2
Compatible Devices	Hardwired Ethernet devices, PoE cameras
Product Dimensions (L x W x H)	2 x 1 x 3 inches
Item Weight	8 ounces
Included Components	Wi-Fi Bridge
Recommended Uses	Indoor Security (for connected cameras)

10. WARRANTY AND SUPPORT

For warranty information and technical support, please contact Alarm.com directly or refer to their official website. Keep your purchase receipt for warranty claims.

Alarm.com Official Website: www.alarm.com