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SERCOMM ADC-W115C WiFi Extender User Manual

ADC-W115C WiFi Extender
User Manual

Contents

Chapter 1 Introduction

This Chapter provides an overview of the ADC-W115C's features and capabilities.
Congratulations on the purchase of your new ADC-W115C (WiFi extender). The WiFi extender is a consumer electronic device, which is designed to extend the WiFi signal for all appliances of your home, major from IP cameras, and video doorbells. It allows you to increase WiFi speed and range by taking the signal from a home router and retransmitting it to the furthest corner of your house. Most of the devices can be paired with the extender by just pressing one button.

Package Contents

The following items should be included:

- ADC-W115C Unit x 1

If any of the above items are damaged or missing, please contact your dealer immediately.

Features

- MT7620DA processor with 32MB Flash and 64MB RAM
- Extend WiFi Range
- Smart LED Indicators
- Two External Antennas
- WPS Function
- Easy to Install
- Compact Design

LEDs

Front Panel
The ADC-W115C has 4 LEDs.

POWER (Blue)	• On – Power On/Normal Operation • Off – Power Off • Flashing – Booting
LAN (Blue)	• On – WiFi normal operation • Off – WiFi disable • Flashing – WPS active (follow WiFi standard) or WiFi Traffic
WAN (Blue)	• On – Connected to the Internet • Off – Not connected to the Internet • Flashing – Connecting to the Internet
DEVICE (Blue)	• On – Connected to an IP Camera or a Doorbell device • Off – Not connected to a device • Flashing – Paring to a new device

Rear/Side Panel

Power Plug	Connect the power plug to a wall socket.
Reset	This button has two (2) functions: • **Reboot.** When pressed and released, the ADC-W115C will reboot (restart). • **Clear All Data.** This button can also be used to clear ALL data and restore ALL settings to the factory default values. To Clear All Date and restore the factory default values: 1. Power On. 2. Keep holding the Reset Button down for 3 seconds. l Release the Reset Button. The ADC-W115C is now using the factory default values.
WPS Button	Push the WPS button for more than 3 seconds to trigger the WPS pairing process with voice (PBC mode). l During the pairing process, the LAN LED will fast blink until WiFi is successfully connected.

Chapter 2 Initial Installation

This Chapter covers the device installation of the WiFi extender.

Requirements

None of the cables are required for the installation.

Procedure

1. **Choose an Installation Site**

   Select a suitable place to install the ADC-W115C.

2. **Power Up**

   Place the extender near the existing router. Provide the power to the extender so plug it into a wall socket or a power strip.

   The LEDs light will be ON and make a welcome sound to notice the extender is booting up successfully.

3. **Check the LEDs**

   • All 4 LEDs shall be ON when the power is supplied to the extender.

   • The Power LED should be ON

   • The LAN LED should be ON

   • The WAN LED should be ON

   • The Device LED should be ON

Chapter 3 Configuration

This Chapter provides Setup details of the WiFi extender.

Configuration

The WiFi extender can offer customers extending wireless communication between devices and the router wherever at home. This extender is designed to provide a reachable network connection with all certified devices, especially for IP cameras, security doorbells, and other WiFi devices.

Configuring WiFi extender via WPS Button

In this case, make sure an existing router. Follow the steps given below.

- Allocate the extender to a near router or an AP. Power on the extender; plug it into the wall socket or a power strip. It is recommended to press the WPS button on the extender within 2 minutes after you have pressed the WPS button on your router or AP.

- To confirm the pairing process is done successfully, check the LAN LED light is fast blinking.

  Also, see the WPS LED light on your router, it will start blinking.

- It will take for a while (about 2 minutes) and then will get connected to the router. The extender WAN LED lights up after a successful Internet connection between the two devices.

Appendix A Specifications

ADC-W115C

Model	ADC-W115C (WiFi Extender with Chime)
Dimensions	130mm (H) x 128mm (W) x 72mm (D)
Operating Temperature	0°C – 40°C (32°F – 104°F)
Buttons	2 (1 Reset, 1 WPS button)
Network Protocol:	TCP/IP, 802.11 b/g/n
LEDs	4
Power Input	100~120VAC, 60Hz

Regulatory Approvals

IC warning statement:
RF exposure-related statements
RF exposure warning: The equipment complies with RF exposure limits set forth for an uncontrolled environment. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with Industry Canada licence-exempt RSS standard(s).
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 of the device.

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

FCC warning statement:

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 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.

  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.

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 between the radiator & your body.

Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate the equipment.

This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

For products available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

Documents / Resources

FCC ID: P27RP200N IC: X9114-W115C **ADC-W115C** **Alarm.com Smart Chime** **(WiFi Extender)**	**SERCOMM ADC-W115C WiFi Extender** [pdf] User Manual RP200N, P27RP200N, ADC-W115C, WiFi Extender, ADC-W115C WiFi Extender