SkyBell ADC-VDB102

SkyBell HD WiFi Doorbell Camera (Model ADC-VDB102) User Manual

1080p Color Night Vision Bronze

Introduction   Safety Information   Package Contents   Setup &

Installation   Operation   Features   Maintenance   Troubleshooting   Specifications   Warranty & Support

1. INTRODUCTION

The SkyBell HD WiFi Doorbell Camera is an advanced smart home device designed to enhance your home security and convenience. It integrates a 1080p/720p resolution camera, a PIR motion sensor, and two-way audio capabilities, allowing you to see, hear, and speak to visitors from anywhere using your smartphone or tablet. This manual provides comprehensive instructions for the installation, operation, and maintenance of your SkyBell HD Doorbell Camera.
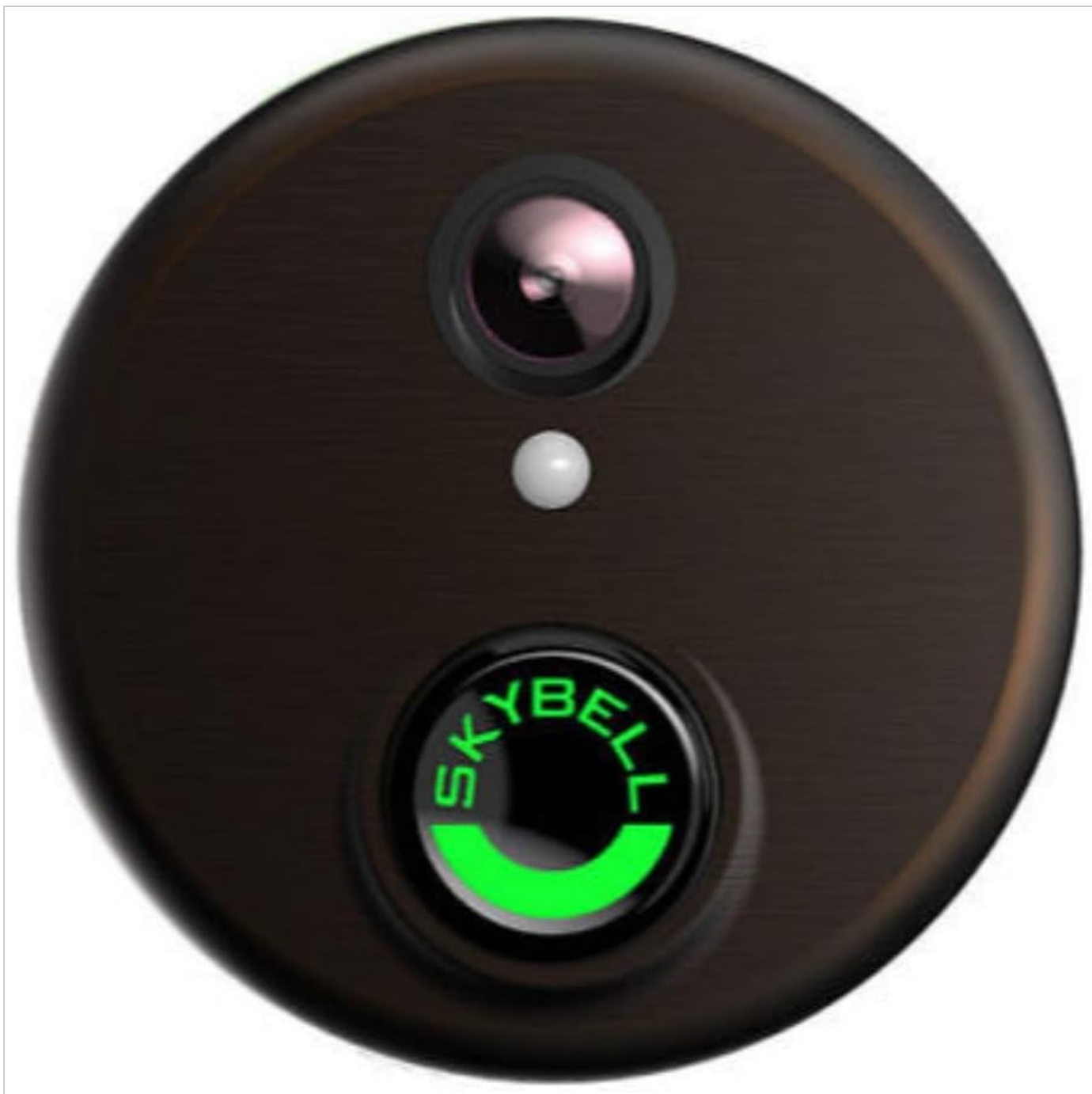
Figure 1: SkyBell HD WiFi Doorbell Camera (Bronze finish). This image displays the circular doorbell unit with its integrated camera lens at the top, a small white sensor in the middle, and the illuminated 'SKYBELL' button at the bottom.

2. SAFETY INFORMATION

- Always disconnect power to your existing doorbell chime before beginning installation.
- Ensure proper wiring connections to prevent electrical hazards. If unsure, consult a qualified electrician.
- Do not expose the device to extreme temperatures outside its specified operating range (-40°F/-40°C to 140°F/60°C).
- Keep the device away from water and moisture, although it is water-resistant, it is not fully waterproof.
- Use only the specified power source (existing doorbell wiring).

3. PACKAGE CONTENTS

Verify that all items are present in your SkyBell HD package:

- SkyBell HD WiFi Doorbell Camera Unit
- Mounting Plate
- Installation Screws and Wall Anchors
- Wire Connectors (Note: Electrical tape is recommended over included connectors for better fit, see Setup section)
- Allen Key for securing the unit
- User Manual (this document)

4. SETUP & INSTALLATION

Follow these steps to install your SkyBell HD WiFi Doorbell Camera. Ensure you have basic tools such as a screwdriver and electrical tape.

4.1 Pre-Installation Checklist

- **Power Requirements:** The SkyBell HD requires existing doorbell wiring (10-36 VAC, 10 VA or higher). It is not battery-powered.
- **Wi-Fi Connectivity:** Ensure strong 2.4 GHz Wi-Fi signal at your doorbell location. A minimum upload speed of 1.5 Mbps is recommended for optimal performance.
- **Smartphone/Tablet:** Have your device ready with the SkyBell app installed.

4.2 Physical Installation

1. **Disconnect Power:** Before touching any wires, turn off the power to your doorbell chime at your home's circuit breaker. Test your existing doorbell to confirm power is off.

2. **Remove Old Doorbell:** Carefully remove your existing doorbell button from the wall. Disconnect the two wires attached to it.

3. **Mounting Plate Installation:**
   - Position the SkyBell mounting plate on the wall where your old doorbell was.
   - Use the provided screws and wall anchors to secure the mounting plate. Ensure the plate is level.
   - If your existing doorbell hole is too large, you may need an adapter plate (not included) to cover the opening.

4. **Wire Connection:**
   - Connect the two wires from your home's doorbell wiring to the two terminals on the back of the SkyBell HD unit. It does not matter which wire connects to which terminal.
   - **Important Note:** The included blue wire connectors may make it difficult to fit the SkyBell unit flush against the wall. It is recommended to use electrical tape to secure the connections instead, ensuring the wires are neatly tucked into the wall opening.

5. **Attach SkyBell Unit:** Align the SkyBell HD unit with the mounting plate and push it firmly into place. Secure the unit using the small Allen screw located at the bottom of the device. Turn the screw counter-clockwise (lefty-loosey) to extend it and secure the unit, then clockwise (righty-tighty) to tighten.

6. **Restore Power:** Turn the power back on at your circuit breaker. The SkyBell LED should begin to flash, indicating it is ready for app setup.

4.3 App Setup

1. Download the official SkyBell app from your device's app store.

2. Create an account or log in if you already have one.

3. Follow the in-app instructions to connect your SkyBell HD to your home Wi-Fi network. This typically involves

selecting your Wi-Fi network and entering the password.

4. Once connected, the LED light on your SkyBell will turn solid green, indicating a successful connection.

5. OPERATING INSTRUCTIONS

The SkyBell HD offers various functionalities accessible through its mobile application:

- **Live View:** Open the SkyBell app to view live video from your doorbell camera at any time.
- **Two-Way Audio:** When a visitor presses the doorbell or motion is detected, you will receive a notification on your smartphone. Answer the notification to engage in two-way audio communication with the visitor.
- **Motion Detection:** The integrated PIR motion sensor detects movement near your door. You can customize motion sensitivity and zones within the app to reduce false alerts.
- **Night Vision:** The SkyBell HD features full-color night vision, providing clear video even in low-light conditions.
- **Recorded Clips:** The device records doorbell-triggered and motion-triggered clips. These clips are stored in the cloud (7-day retention at no cost, as per product information) and can be accessed and downloaded via the app.
- **Silence Chime:** Option to silence your indoor chime from the app.
- **Multiple Users:** Share access to your SkyBell HD with family members or trusted individuals through the app.
- **Home Automation Integration:** The SkyBell HD can integrate with other home automation devices, allowing you to set up rules (e.g., turn on porch lights when motion is detected at night).

6. KEY FEATURES

- **High-Definition Video:** 1080p/720p resolution with a 180-degree wide-angle view and auto-scaling.
- **Full-Color Night Vision:** Provides clear, colored video even in complete darkness.
- **Two-Way Audio:** Omni-directional microphone and speaker for clear communication.
- **Advanced Motion Sensor:** Detects motion up to 8 feet, with adjustable sensitivity.
- **On-Demand Video:** Access live video feed anytime from your smartphone.
- **Cloud Storage:** Includes 7-day retention of recorded clips at no additional cost.
- **Weather Resistant:** Designed for outdoor use with an operating temperature range of -40°F/-40°C to 140°F/60°C.

7. MAINTENANCE

- **Cleaning:** Gently wipe the camera lens and the doorbell surface with a soft, damp cloth. Avoid abrasive cleaners or chemicals that could damage the finish or lens.
- **Firmware Updates:** Ensure your SkyBell HD is always running the latest firmware. Updates are typically pushed automatically through the app or can be initiated manually.
- **Wi-Fi Connection:** Periodically check your Wi-Fi signal strength to ensure optimal performance. A weak signal can affect video quality and responsiveness.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power/LED not lighting up	Power is off at the breaker; incorrect wiring; insufficient voltage.	Check circuit breaker. Verify wiring connections. Ensure your doorbell transformer meets the 10-36 VAC requirement.

Problem	Possible Cause	Solution
Choppy video or audio delay	Weak Wi-Fi signal; slow internet upload speed.	Move your Wi-Fi router closer or use a Wi-Fi extender. Ensure your internet upload speed is at least 1.5 Mbps.
Doorbell unit does not fit flush	Bulky wire connectors preventing proper seating.	Remove the blue wire connectors and use electrical tape to secure the connections, tucking wires neatly into the wall.
Motion detection issues (too many/few alerts)	Motion sensitivity settings are too high/low; incorrect motion zones.	Adjust motion sensitivity and configure motion zones within the SkyBell app.
Cannot connect to Wi-Fi	Incorrect Wi-Fi password; out of range; 5GHz network selected.	Double-check Wi-Fi password. Ensure you are connecting to a 2.4 GHz network. Move closer to the router during setup.

9. SPECIFICATIONS

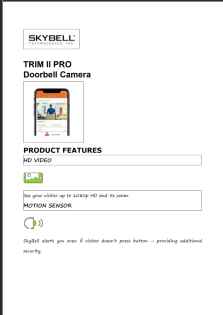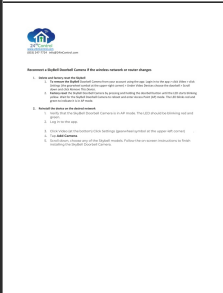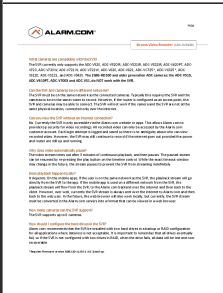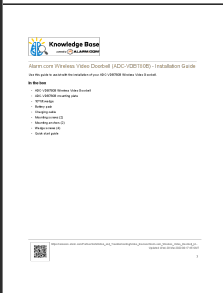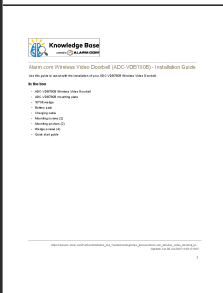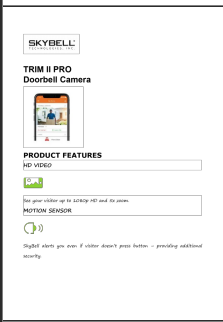| Feature	Detail
Model Number	ADC-VDB102
Video Resolution	1080p/720p, auto-scaling
Field of View	180 degrees
Night Vision	Full-color
Audio	Omni-directional microphone, two-way audio
Motion Sensor Range	Up to 8 feet
Operating Temperature	-40°F/-40°C to 140°F/60°C
Environment	Outdoor use, water resistant
Dimensions	2.8 inches (7.1 cm) wide, 0.9 inches (2.2 cm) deep
Item Weight	1.9 ounces (53.8 grams)
Power Source	Existing doorbell wiring (10-36 VAC)

10. WARRANTY & SUPPORT

For warranty information, technical support, or further assistance with your SkyBell HD WiFi Doorbell Camera, please refer to the official SkyBell website or contact their customer service directly. Keep your purchase receipt for warranty claims.

Online resources and contact information can typically be found at:www.skybell.com

Related Documents - ADC-VDB102

	[SkyBell Trim II Pro Doorbell Camera: Features, Specifications, and Installation Guide](#) Comprehensive details on the SkyBell Trim II Pro Doorbell Camera, covering its advanced features like HD video, motion sensing, live monitoring, cloud recording, technical specifications, and installation instructions.
	[Reconnect SkyBell Doorbell Camera After Network Changes](#) A guide from 24IN Control on how to reconnect your SkyBell Doorbell Camera if your wireless network or router changes. Includes steps for factory reset and reinstallation.
	[Alarm.com Stream Video Recorder (ADC-SVR100) FAQs](#) Frequently asked questions about the Alarm.com Stream Video Recorder (ADC-SVR100), covering camera compatibility, network requirements, internet connectivity, video playback, storage, and hard drive configuration.
	[Alarm.com ADC-VDB780B Wireless Video Doorbell Installation Guide](#) Comprehensive installation guide for the Alarm.com ADC-VDB780B Wireless Video Doorbell, covering unboxing, pre-installation checks, power-on, pairing with Smart Chime, account enrollment, and mounting instructions.
	[Alarm.com Wireless Video Doorbell (ADC-VDB780B) Installation Guide](#) This guide provides step-by-step instructions for installing and setting up the Alarm.com Wireless Video Doorbell (ADC-VDB780B), including pre-installation checks, power-on procedures, connection to the Alarm.com Smart Chime, and mounting.
	[SkyBell Trim II Pro Doorbell Camera: Features, Specifications, and Installation Guide](#) Comprehensive details on the SkyBell Trim II Pro Doorbell Camera, covering its advanced features like HD video, motion sensing, live monitoring, cloud recording, technical specifications, and installation instructions.

Documents - SkyBell – ADC-VDB102

**Alarm.com Wi-Fi Doorbell
Camera and Slim Line II**
Installation Guide

ADC-VDB101 and ADC-VDB105X
ADC-VDB102 and ADC-VDB106X