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Merkury Innovations MI-CW017-101W

Merkury Innovations 1080p Smart Wi-Fi Camera User Manual

Model: MI-CW017-101W

Brand: Merkury Innovations

Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your Merkury Innovations 1080p Smart Wi-Fi Camera. Please read this guide thoroughly before using the product to ensure proper functionality and safety.

What's in the Box

Verify that all components are present in the packaging:

- Security Camera
- Mounting Adhesive
- USB Cable
- Power Adapter



Image: Contents of the Merkury Innovations Smart Wi-Fi Camera package, including the camera, USB cable, power adapter, and mounting adhesive.

Product Overview

The Merkury Innovations 1080p Smart Wi-Fi Camera offers comprehensive home monitoring with several key features:

- **1080p HD Livestream:** View live video feed in high definition.
- **2-Way Audio:** Communicate through the camera using the built-in microphone and speaker.
- **Night Vision:** Monitor in low-light conditions with infrared night vision.
- **Motion Alerts:** Receive notifications on your phone when motion is detected.
- **Micro SD Card Storage:** Supports local storage for recorded footage (card not included).
- **Voice Control:** Compatible with Amazon Alexa and Google Home for hands-free operation.
- **Flexible Stem:** Allows for versatile placement on shelves or mounted to surfaces.



Image: Diagram illustrating key features including Wi-Fi connection, HD livestream, motion sensor, flexible stem, night vision, 2-way audio, share access, control by app, and microSD card slot.



Image: Detailed technical diagram showing camera dimensions, IR Night Vision, HD 1080P Camera, LED Indicator, Flexible Stem, Speaker, microSD Slot, Microphone, Reset Button, and Micro USB Port.

Setup

Initial Setup and Wi-Fi Connection

1. **Power On:** Connect the camera to a power source using the provided USB cable and power adapter.
2. **Download App:** Download the Merkury Innovations app from your device's app store.
3. **Account Creation:** Create an account or log in to the app.
4. **Add Device:** Follow the in-app instructions to add your new camera. Ensure your Wi-Fi network is 2.4 GHz, as the camera is not compatible with 5GHz networks.
5. **Pairing:** The app will guide you through the pairing process, which typically involves scanning a QR code displayed on your phone with the camera.

Placement

The camera's flexible stem allows for versatile placement. It can be placed on any flat surface like a shelf or desk, or mounted to most surfaces using the included mounting adhesive.

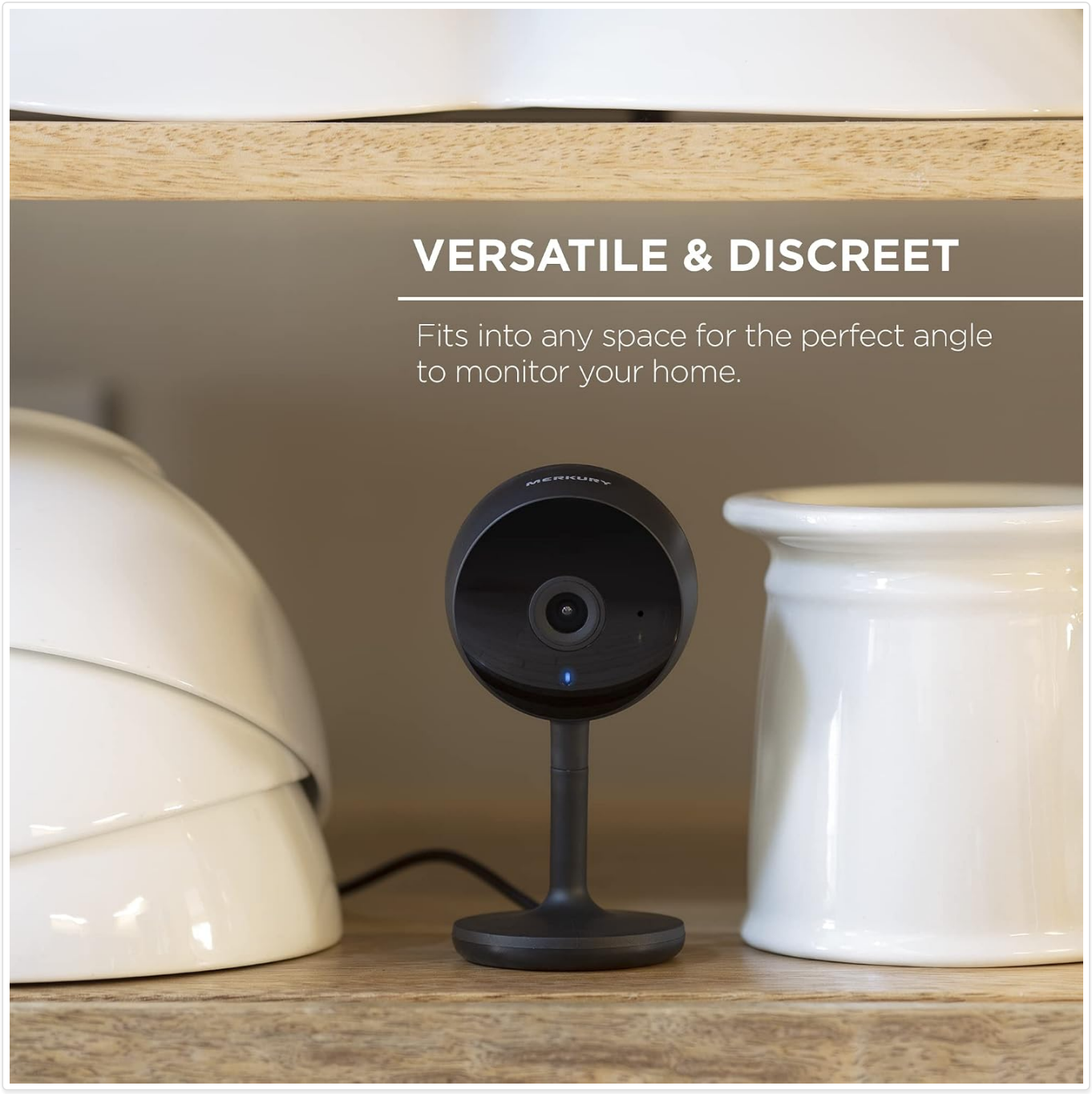


Image: The camera positioned on a shelf, demonstrating its compact and discreet design.



Image: The camera mounted to the side of a bookshelf, showcasing its flexible mounting options.

Operating Instructions

Live Video Streaming

Access 24/7 live video streaming directly from the Merkury Innovations app on your smartphone or tablet. The camera provides a 1080p HD livestream.

2-Way Audio

To use the 2-way audio feature, open the live view in the app and press and hold the designated microphone icon to speak. Release to listen.

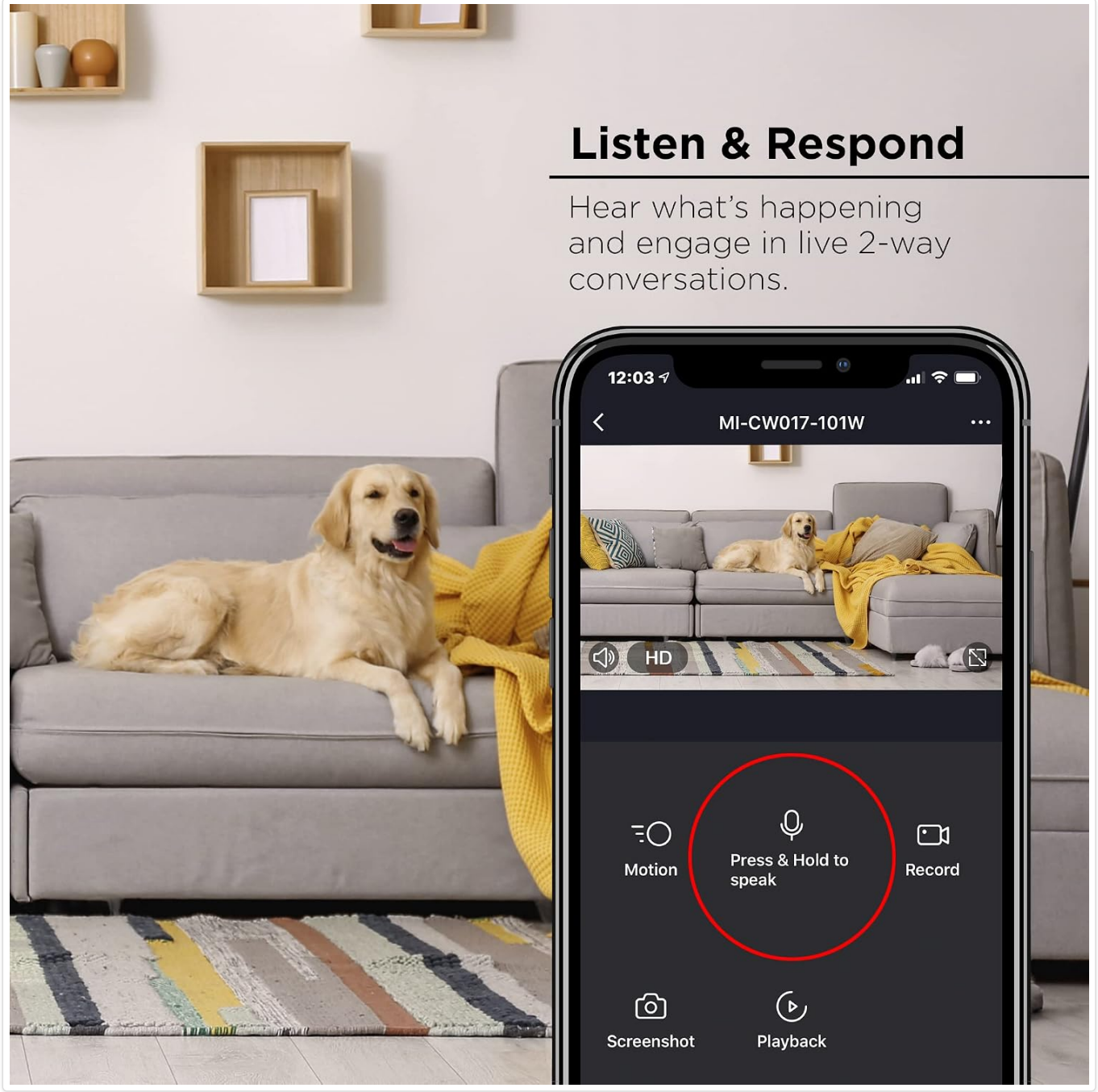


Image: A smartphone screen displaying the camera's live feed with a "Press & Hold to speak" button for two-way audio communication.

Night Vision

The camera automatically switches to infrared night vision in low-light conditions, providing clear monitoring even in complete darkness.



Image: A smartphone screen displaying the camera's night vision feed, showing a clear black and white image in a dark room.

Motion Alerts

Configure motion detection settings within the app to receive alerts on your phone when activity is detected in the camera's field of view.

Voice Control Integration

The camera works with Amazon Alexa and Google Home. Link your Merkury Innovations account to your smart assistant app to enable voice commands. For example, you can say, "Alexa, show me the baby room camera."

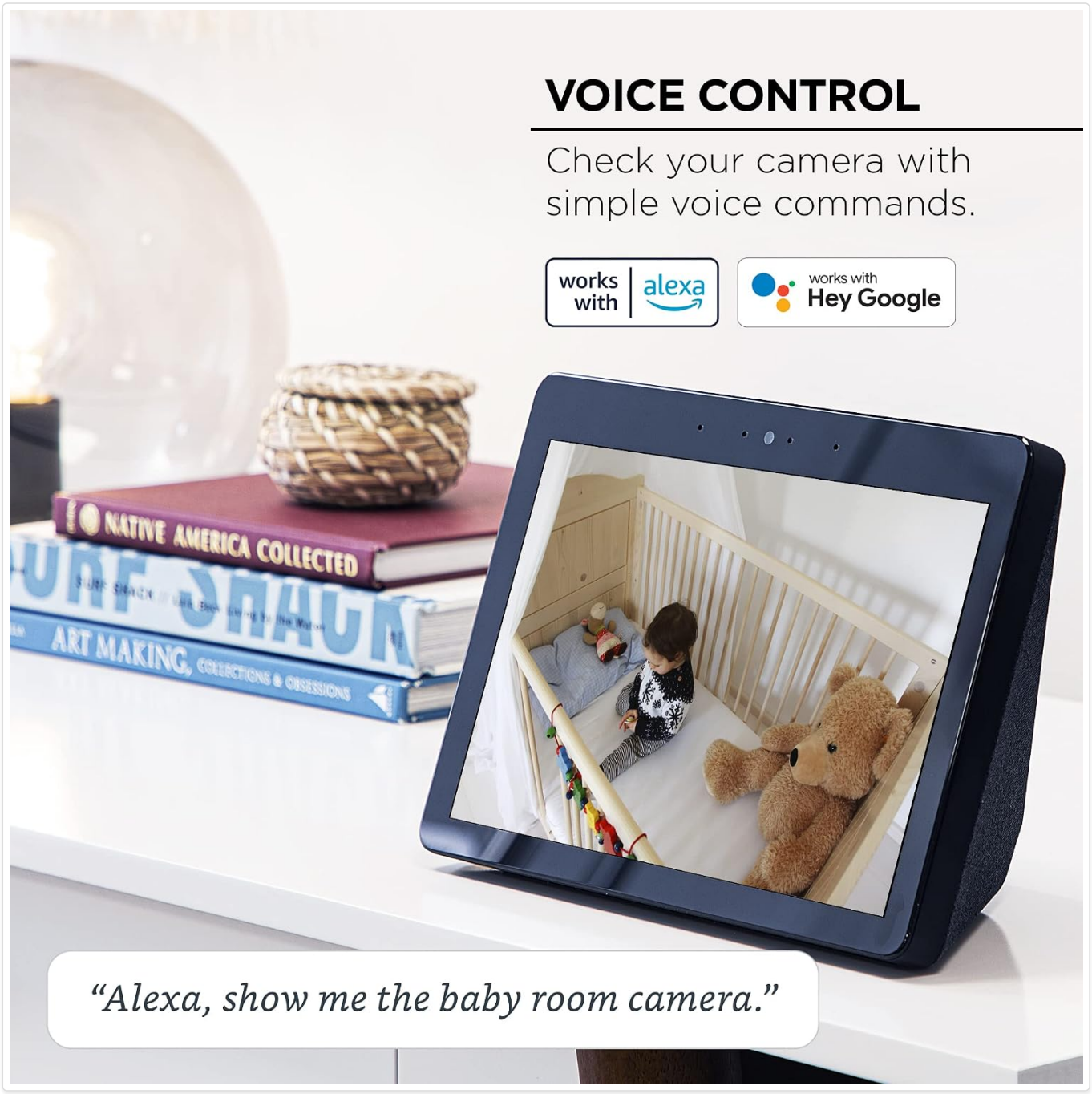


Image: A smart display showing a live feed from the camera, with "Works with Alexa" and "Works with Hey Google" logos, demonstrating voice control capability.

Maintenance

Cleaning

To clean the camera, gently wipe the lens and body with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials.

Firmware Updates

Periodically check the Merkury Innovations app for available firmware updates. Keeping your camera's firmware up-to-date ensures optimal performance and security.

Micro SD Card Management

If using a Micro SD card for storage, ensure it is properly inserted. Format the card periodically through the app to maintain recording efficiency. Replace the card if it shows signs of degradation or error.

Troubleshooting

Problem	Possible Cause	Solution
Camera not connecting to Wi-Fi	Incorrect Wi-Fi band (5GHz), weak signal, incorrect password, camera too far from router.	Ensure your Wi-Fi network is 2.4 GHz. Move the camera closer to the router. Double-check Wi-Fi password. Restart your router and the camera.
No live video feed	Camera offline, internet connectivity issues, app malfunction.	Check camera's power and Wi-Fi connection. Verify your internet connection. Restart the app or reinstall it.
Motion alerts not received	Motion detection disabled, app notifications off, sensitivity too low.	Enable motion detection in the app settings. Check phone notification settings for the app. Adjust motion sensitivity.
2-Way Audio not working	Microphone/speaker issues, app permissions.	Ensure app has microphone permissions. Check volume settings on your phone and in the app.
Night Vision unclear	Obstruction in front of lens, insufficient ambient light for IR.	Clean the camera lens. Ensure no objects are blocking the camera's view, especially near the IR sensors.

Specifications

- **Model:** MI-CW017-101W
- **Dimensions:** 2.12" x 4.17" x 1.96" (54 mm x 106 mm x 50 mm)
- **Weight:** 6.7 ounces (approx. 190g)
- **Camera Resolution:** Up to 1080p HD
- **Field of View:** 115°
- **Storage:** Supports up to 128GB Micro SD card (not included)
- **Wi-Fi:** IEEE 802.11N, 2.4 GHz (not compatible with 5GHz Wi-Fi networks)
- **Control Method:** Voice (Amazon Alexa, Google Home), App
- **Mounting Type:** Desk, Adhesive
- **International Protection Rating:** IP65

Warranty and Support

For warranty information and technical support, please refer to the official Merkury Innovations website or contact their customer service directly. Keep your purchase receipt for warranty claims.

Website: www.merkuryinnovations.com

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

How do I download the application for the Merkury Innovations MI-CW017-101W Smart Wi-Fi Camera?

To download the application for your Merkury Innovations MI-CW017-101W camera, follow these steps: Open the App Store (for iOS devices) or the Google Play Store (for Android devices) on your smartphone or tablet. Search...

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