muvit iO MIOACAM002

muvit iO Indoor WiFi Security Camera MIOACAM002 User Manual

Model: MIOACAM002

1. Introduction

Thank you for choosing the muvit iO Indoor WiFi Security Camera MIOACAM002. This camera is designed to provide reliable indoor surveillance with advanced features such as 1080P Full HD video, 360° horizontal and 120° vertical rotation, two-way audio communication, and night vision. It integrates seamlessly with your smart home ecosystem, offering control via smartphone and compatibility with Google Assistant and Amazon Alexa. This manual provides essential information for setup, operation, and maintenance of your device.

2. Product Overview

Familiarize yourself with the components of your muvit iO Indoor WiFi Security Camera.



Figure 2.1: Front view of the camera, showing the lens and indicator light.

Figure 2.2: The camera features 350° horizontal pan and 120° vertical tilt for comprehensive coverage.

Figure 2.3: Rear view of the camera, highlighting the speaker and the DC-5V power input port.

Key Components:

- **Camera Lens:** 2MP CMOS sensor for 1080P Full HD video.
- **Microphone:** For audio input and two-way communication.
- **Speaker:** For audio output and two-way communication.
- **Indicator Light:** Displays camera status (e.g., power, network connection).

- **DC-5V Power Port:** For connecting the power adapter.
- **Reset Button:** Used for factory reset (usually a small pinhole).
- **MicroSD Card Slot:** For local video storage (card not included).

3. Setup

3.1 App Installation

To control your muvit iO camera, download the 'muvit iO Home' app on your smartphone.

1. Scan the QR code on the product packaging or search for 'muvit iO Home' in the Apple App Store or Google Play Store.
2. Download and install the app.
3. Register a new account or log in if you already have one.

Figure 3.1: The muvit iO Home app interface and smart assistant compatibility.

3.2 Device Pairing

Follow these steps to connect your camera to the app:

1. Plug the camera into a power source using the provided adapter. The indicator light will turn on.
2. Open the 'muvit iO Home' app and tap '+' or 'Add Device'.
3. Select 'Security Camera' or the specific camera model from the device list.
4. Follow the on-screen instructions to connect the camera to your 2.4GHz Wi-Fi network. Ensure your phone is connected to the same Wi-Fi network.
5. The app may ask you to scan a QR code displayed on your phone screen with the camera lens. Hold the phone approximately 15-20 cm (6-8 inches) from the camera.
6. Once connected, the indicator light will change, and the app will confirm successful pairing. You can then name your camera and set its location.

3.3 Mounting

The camera can be placed on a flat surface or mounted on a wall or ceiling. Ensure the mounting location provides a clear view and is within range of your Wi-Fi signal.

- **Desktop Placement:** Simply place the camera on a stable, flat surface.
- **Wall/Ceiling Mounting:** Use the included mounting bracket and screws. Mark the drill holes, drill, insert wall anchors, and secure the bracket. Attach the camera to the bracket.

4. Operating Instructions

4.1 Live View

Open the 'muvit iO Home' app and select your camera to view the live feed. You can switch between SD and HD resolution for optimal viewing or data usage.

4.2 Pan and Tilt Control

Use the directional controls within the app to remotely rotate the camera lens. The camera supports 350° horizontal pan and 120° vertical tilt, allowing you to adjust the viewing angle as needed.

4.3 Two-Way Audio

Tap the microphone icon in the app to speak through the camera's speaker. Tap the speaker icon to listen to audio from the camera's surroundings. This feature enables real-time communication.

4.4 Motion Detection and Alerts

Configure motion detection settings in the app. You can set sensitivity levels and define detection zones. When motion is detected, the camera will record a short video clip and send a notification to your smartphone.

4.5 Recording and Storage

The camera supports local storage via a MicroSD card (up to 128GB, not included). Insert the card into the designated slot. You can also subscribe to cloud storage services through the app for continuous recording or event-based storage.

4.6 Night Vision

The camera automatically switches to infrared night vision in low-light conditions, providing clear black and white video up to several meters.

4.7 Smart Assistant Integration

The muvit iO camera is compatible with Google Assistant and Amazon Alexa. Follow the instructions in the 'muvit iO Home' app or your smart assistant app to link your camera and enable voice commands for live viewing on compatible smart displays.

5. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Avoid abrasive cleaners or solvents.
- **Firmware Updates:** Regularly check the 'muvit iO Home' app for firmware updates to ensure optimal performance and security.
- **Power Supply:** Use only the original power adapter provided with the camera.
- **Placement:** Ensure the camera is placed in a dry, indoor environment, away from direct sunlight, heat sources, and strong electromagnetic fields.

6. Troubleshooting

- **Camera not connecting to Wi-Fi:** Ensure your Wi-Fi network is 2.4GHz. Check Wi-Fi password. Move the camera closer to the router. Reset the camera and try pairing again.
- **No live view:** Check your internet connection. Ensure the camera is powered on and the indicator light is stable. Restart the app.
- **Poor video quality:** Switch to HD resolution in the app. Ensure the camera lens is clean. Check Wi-Fi signal strength.
- **Two-way audio not working:** Check volume settings on your phone and in the app. Ensure microphone and speaker permissions are granted to the app.
- **Motion alerts not received:** Check motion detection settings and notification permissions in the app and on your phone.
- **Camera offline:** Check power connection and Wi-Fi router status. Restart the camera and router.

7. Specifications

Model Number	MIOACAM002 (8426801159006)
Resolution	1080P Full HD (1920x1080 pixels)
Sensor	CMOS 2MP
Rotation (Pan/Tilt)	350° Horizontal, 120° Vertical
Audio	Two-Way Audio
Connectivity	Wi-Fi (2.4GHz)
Storage	MicroSD card (up to 128GB), Cloud Storage (subscription required)
Power Source	AC/DC (DC-5V)
Compatibility	Smartphone (muvit iO Home app), Google Assistant, Amazon Alexa
Usage Environment	Indoor
Dimensions (LxWxH)	60 x 60 x 85 mm
Weight	270 g

8. Warranty and Support

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official muvit iO website. You can also contact customer service through the 'muvit iO Home' app for assistance.

Manufacturer: muvit iO

Product Code: 8426801159006