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AOBOCAM A12

AOBOCAM A12 4K HD Mini WiFi Spy Camera User Manual

Model: A12

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your AOBOCAM A12 4K HD Mini WiFi Spy Camera. Please read this manual thoroughly before using the device to ensure proper functionality and safety.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- AOBOCAM A12 Mini Camera
- USB Charging Cable
- Instruction Manual
- Camera Stand
- Magnetic Mount
- Adhesive Pads
- Mounting Screws Kit

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Video: Unboxing and Package Contents. This video demonstrates the items included in the AOBOCAM A12 package, such as the camera, charging cable, and various mounting accessories. The video shows opening the package, the user manual, magnetic support, non-slip base, adhesive tape, iron sheet, charging cable, screw kit, and the camera itself.

3. PRODUCT OVERVIEW

Familiarize yourself with the components and features of your AOBOCAM A12 camera.



Image: Side view of the AOBOCAM A12 camera, showing the Micro USB port, MicroSD card slot, power switch, and reset button.

- **Camera Lens:** Captures video footage.
- **PIR Sensor:** Passive Infrared sensor for motion detection.
- **IR Lights:** Infrared LEDs for night vision.
- **Light Sensor:** Detects ambient light for automatic night vision activation.
- **Microphone:** Records audio.
- **Micro USB Port:** For charging the device.
- **MicroSD Card Slot:** Supports up to 256GB for local storage (card not included).
- **ON/OFF Switch:** Powers the camera on or off.
- **Reset Button:** Resets the camera to factory settings.

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Video: Product Features and Mounting. This video highlights the camera's components including the camera lens, light sensor, IR lights, PIR sensor, microphone, reset button, MicroSD card slot, WiFi/DV mode switch, ON/OFF button, and Micro USB port. It also demonstrates attaching the camera to its stand.

4. SETUP INSTRUCTIONS

Follow these steps to set up your AOBOCAM A12 camera and connect it to your smartphone.

4.1 Initial Charging

Before first use, fully charge the camera using the provided USB cable. Connect the cable to the Micro USB port on the camera and a standard USB power adapter (not included). The charging indicator light will show the charging status.

4.2 Inserting a MicroSD Card

To enable local video recording, insert a MicroSD card (up to 256GB, Class 10 or higher recommended) into the MicroSD card slot with the contacts facing down. Gently push until it clicks into place.

4.3 App Installation and Connection

Download the companion app (e.g., "UBIA" or similar, refer to the printed manual for the exact app name) from your smartphone's app store (iOS or Android). Follow the in-app instructions for device pairing.

1. Power on the camera using the ON/OFF switch.
2. Open the app on your smartphone.
3. Follow the in-app prompts to add a new device. You may be asked to scan a QR code on the camera or manually select the device.
4. Connect the camera to your 2.4GHz Wi-Fi network by entering the correct Wi-Fi password.

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Video: App Setup and Wi-Fi Connection. This video demonstrates the process of connecting the camera to the mobile application and configuring Wi-Fi settings for remote access. It shows activating Bluetooth, adding devices, connecting to the camera, entering Wi-Fi

password, and confirming the connection. It also illustrates the AP Hotspot configuration method.

5. OPERATING INSTRUCTIONS

Once connected, you can utilize various features of your AOBOCAM A12 camera through the mobile app.

5.1 Live View

Access the live video feed from your camera anytime, anywhere via the app. This allows for real-time monitoring of your desired area.

5.2 Motion Detection and Alerts

The camera features intelligent motion detection. When movement is detected, the camera will automatically record video and send instant push notifications to your smartphone. You can adjust sensitivity settings within the app to minimize false alarms.



Image: Illustration of AI Smart Motion Detection feature, showing instant alerts sent to a smartphone when movement is detected.

5.3 Night Vision

Equipped with infrared night vision, the camera can capture clear video footage up to 5 meters in complete darkness. Night vision activates automatically in low-light conditions.



Image: Demonstration of the HD Night Vision capability, providing clear visibility even in dark environments.

5.4 Video Recording and Storage

Videos are recorded to the inserted MicroSD card. You can view recorded footage directly from the app. Cloud storage options may also be available through the app (subscription may be required).



Image: Screenshot of the mobile app displaying options to view video recordings and manage cloud storage.

6. MAINTENANCE

- Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Avoid using harsh chemicals or abrasive materials.
- Storage:** Store the camera in a cool, dry place away from direct sunlight and extreme temperatures when not in use for extended periods.
- Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the camera regularly, even if not in active use.
- Firmware Updates:** Check the app periodically for firmware updates to ensure optimal performance and access to new features.

7. TROUBLESHOOTING

Problem	Solution
Camera not turning on	Ensure the battery is charged. Connect the camera to a power source and try again.
Unable to connect to Wi-Fi	Verify your Wi-Fi network is 2.4GHz. Ensure the Wi-Fi password is correct. Move the camera closer to the Wi-Fi router. Reset the camera and try the connection process again.
Poor video quality	Check your internet connection speed. Ensure the camera lens is clean. Adjust video resolution settings in the app if available.

Problem	Solution
Motion detection not working	Check motion detection settings in the app (ensure it's enabled and sensitivity is appropriate). Ensure there are no obstructions blocking the PIR sensor.

8. SPECIFICATIONS

Feature	Detail
Model Name	A12
Video Capture Resolution	4K
Effective Video Resolution	3840 pixels
Frame Rate	30 fps
Connectivity Technology	2.4GHz Wi-Fi, Wireless
Wireless Communication Protocol	Bluetooth, Cellular, Wi-Fi
Power Source	Battery Powered
Battery Type	Lithium Titanate (Rechargeable)
Battery Capacity	1400 mAh
Average Battery Life	6 Hours
Mounting Type	Stick-up
Indoor/Outdoor Use	Indoor
Viewing Angle	150 degrees
Night Vision Range	10 Millimeters (Note: This value may be a data entry error, typical ranges are in meters)
Dimensions (LxWxH)	30 x 30 x 30 mm
Weight	170 grams
Material	Plastic
Special Features	Portable, HD Resolution, Motion Sensor, Night Vision

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official AOBOCAM website or contact their customer service directly. Details can typically be found on the product packaging or the included warranty card.

