

AOBOCAM Q18

AOBOCAM 4K HD Mini WiFi Camera B1 User Manual

Model: Q18

1. INTRODUCTION

Thank you for choosing the AOBOCAM 4K HD Mini WiFi Camera B1. This compact and versatile camera is designed for various surveillance needs, offering high-definition video, motion detection, and night vision capabilities. This manual provides detailed instructions to help you set up, operate, and maintain your camera for optimal performance.

2. PRODUCT FEATURES

- **Compact Design:** The camera measures only 1.5 inches, making it highly discreet and easy to place in various locations.
- **4K HD Video Resolution:** Captures clear and detailed video footage with 4K resolution (3840 pixels effective still image resolution).
- **Wide-Angle View:** Features a 150-degree viewing angle to cover a broad area.
- **2.4GHz WiFi Connectivity:** Easily connect the camera to your home or office 2.4GHz WiFi network for remote viewing.
- **Motion Detection:** Equipped with a fast and accurate motion detection alarm system that sends notifications to your smartphone.
- **Night Vision:** Integrated night vision with 6 IR LEDs, providing clear monitoring up to 30 meters in low-light conditions.
- **Long-Lasting Battery:** Built-in 1200 mAh battery offers approximately 6 hours of continuous operation. The camera supports 24/7 recording while charging.
- **Remote Control via App:** Monitor live footage, adjust settings, and receive alerts through a dedicated mobile application (O-Kam Pro recommended).
- **Dual Storage Options:** Supports local storage via MicroSD card (not included) and cloud storage (subscription may be required).

3. PACKAGE CONTENTS

Please check the package for the following items:

- AOBOCAM 4K HD Mini WiFi Camera B1 (Model: Q18)
- Charging Cable
- Mounting Bracket
- User Manual (this document)

4. SETUP GUIDE

4.1 Charging the Camera

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

4.2 Inserting a MicroSD Card

For local video storage, insert a MicroSD card (up to 8GB internal flash memory, external card not included) into the designated slot. Ensure the camera is powered off before inserting or removing the card.



Figure 4.2: Dual storage options, including MicroSD card slot (card not included) and cloud storage.

4.3 App Download and Installation

Download the recommended mobile application (e.g., O-Kam Pro, as mentioned in customer reviews) from your smartphone's app store (iOS or Android). Follow the on-screen instructions to create an account and log in.

4.4 Connecting to WiFi

1. Power on the camera.
2. Open the installed app on your smartphone.
3. Follow the in-app instructions to add a new device. This typically involves scanning a QR code on the camera or manually selecting the camera model.
4. Connect the camera to your 2.4GHz WiFi network. *Note: This camera only supports 2.4GHz WiFi. Ensure your router is configured for 2.4GHz or dual-band mode.*
5. Once connected, the camera's status indicator will change, and you will see the live feed in the app.



Figure 4.4: Remote viewing of the camera feed via the mobile application.

4.5 Mounting the Camera

The camera comes with a rotating and adjustable mount. It can be placed on a flat surface, attached magnetically,

or mounted to a wall without drilling, depending on your needs.



Figure 4.5: Flexible mounting options for discreet placement.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press and hold the power button on the camera to turn it on or off. Refer to the specific button layout in the app or quick start guide for exact location.

5.2 Live Viewing

Once connected to WiFi, open the app and select your camera to view the live video feed from anywhere.

5.3 Motion Detection Settings

Access the camera settings in the app to enable or disable motion detection. You can also adjust sensitivity levels and set up notification preferences to receive alerts on your phone when motion is detected.



Figure 5.3: Motion detection feature, recording video and sending alerts.

5.4 Recording and Playback

Videos are automatically recorded to the MicroSD card or cloud storage based on your settings (continuous, motion-activated). Use the app's playback function to review recorded footage.

5.5 Night Vision

The camera automatically switches to night vision mode in low-light conditions. This feature ensures continuous monitoring day and night.

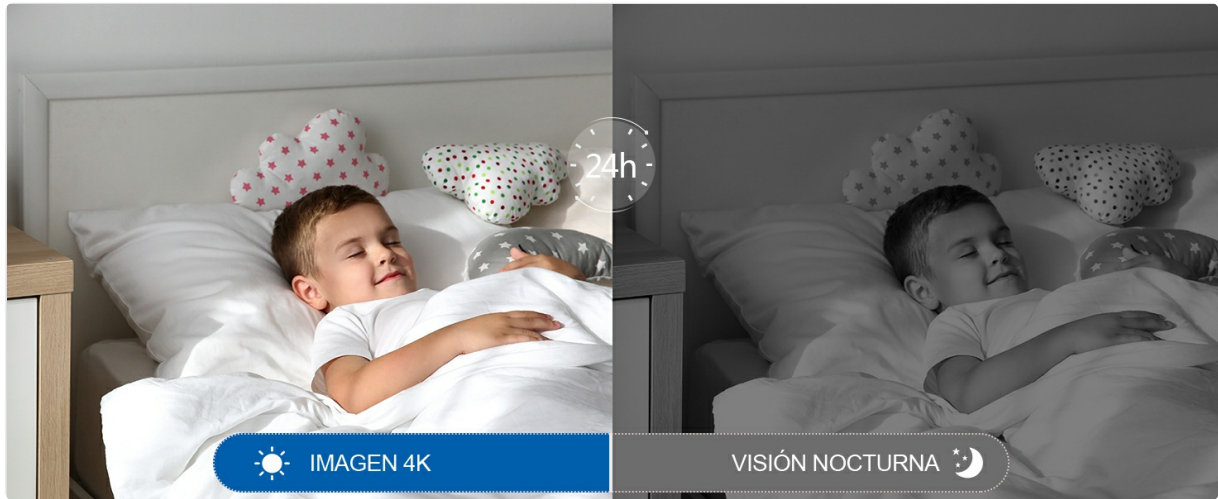


Figure 5.5: Comparison of 4K day image and night vision footage.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Avoid using harsh chemicals or abrasive materials.
- **Battery Care:** To prolong battery life, avoid extreme temperatures and do not allow the battery to fully discharge frequently. If storing for extended periods, charge the battery to about 50%.
- **Firmware Updates:** Check the app regularly for any available firmware updates to ensure your camera has the latest features and security enhancements.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not turning on	Low battery; faulty charging cable.	Charge the camera fully. Try a different USB charging cable and power adapter.
Unable to connect to WiFi	Incorrect WiFi password; 5GHz WiFi network; camera too far from router.	Ensure correct 2.4GHz WiFi password. Confirm your router supports 2.4GHz. Move the camera closer to the router. Reset the camera and try connecting again.
Poor image quality	Dirty lens; insufficient lighting; network issues.	Clean the camera lens. Ensure adequate lighting or verify night vision is active. Check your internet connection speed.
Motion detection not working	Feature disabled; sensitivity too low; app notification settings.	Enable motion detection in the app settings. Increase sensitivity. Check app notification permissions on your phone.

Problem	Possible Cause	Solution
Short battery life	Continuous recording; frequent motion alerts; aging battery.	Adjust recording settings to motion-activated. Keep the camera plugged in for 24/7 surveillance.

8. SPECIFICATIONS

Feature	Detail
Model Name	Q18
Brand	AOBOCAM
Connectivity Technology	Wi-Fi (2.4GHz only)
Video Resolution	4K (3840 effective pixels)
Frame Rate	120 frames per second
Viewing Angle	150 Degrees
Night Vision Range	30 Meters
IR LEDs	6
Power Source	Battery Powered (1200 mAh)
Voltage	5 Volts
Compatible Devices	Smartphone
Control Method	Application
Material	Plastic
Dimensions	30 x 30 x 30 millimeters
Weight	150 Grams
Water Resistance Level	Not Water Resistant
Video Capture Format	MP4
Manufacturer	Shenzhen Aobo Technology Co., Ltd.

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the manufacturer's official website or contact Shenzhen Aobo Technology Co., Ltd. directly. Each product includes a unique Transparency code for verification.

