

BoyKeep K20-6

BoyKeep 2K Outdoor Security Camera User Manual

Model: K20-6

1. INTRODUCTION

Thank you for choosing the BoyKeep 2K Outdoor Security Camera. This manual provides essential information for the proper installation, operation, and maintenance of your camera. Please read this manual thoroughly before using the product and retain it for future reference.

Safety Information

- Ensure the power supply matches the camera's requirements to prevent damage.
- Do not expose the camera to extreme temperatures, humidity, or direct water immersion.
- Avoid placing the camera near strong electromagnetic fields.
- Handle the camera with care; avoid dropping or subjecting it to strong impacts.
- For outdoor installation, ensure the camera is securely mounted to prevent falling.

2. PRODUCT OVERVIEW AND PACKAGE CONTENTS

The BoyKeep K20-6 is a 2K outdoor security camera featuring 360° pan/tilt capabilities, color night vision, motion detection, tracking, and two-way audio communication. It connects via 2.4GHz Wi-Fi for remote monitoring.



Image: Multiple BoyKeep K20-6 cameras, showcasing their design and compact form factor.

What's in the Box

- Camera Body (K20-6)
- Power Adapter (Corded Electric)
- Mounting Screws and Wall Plugs
- User Manual (this document)

Note: A memory card for local storage is not included and must be purchased separately if desired.

3. SETUP GUIDE

3.1 Physical Installation

The camera is designed for wall mounting. Choose a location that provides the desired viewing angle and is within reach of a power outlet. Ensure the mounting surface is sturdy enough to support the camera.



Image: Illustrates the camera's mounting and its 360° pan and tilt capabilities.

1. Mark the drilling positions on the wall using the camera's base as a template.
2. Drill holes and insert the wall plugs.
3. Secure the camera base to the wall using the provided screws.
4. Adjust the camera angle as needed after mounting.

3.2 Power Connection

Connect the provided power adapter to the camera's power input port and then plug it into a standard electrical outlet. The camera will power on automatically.

3.3 App Installation and Wi-Fi Connection

The camera operates via a smartphone application. Please ensure your Wi-Fi network is 2.4GHz, as the camera does not support 5GHz Wi-Fi.

1. Download the official BoyKeep app from your smartphone's app store (iOS or Android).
2. Register for a new account or log in if you already have one.
3. Follow the in-app instructions to add your new camera. This typically involves scanning a QR code on the camera or entering its serial number, and then connecting it to your 2.4GHz Wi-Fi network.
4. Once connected, you will be able to view the live feed and control the camera through the app.

4. OPERATING INSTRUCTIONS

4.1 Live View and Pan/Tilt Control

Open the BoyKeep app and select your camera to access the live video feed. You can control the camera's pan (horizontal) and tilt (vertical) movements directly from the app interface to achieve a 360° field of view.

Excellent Night Vision



Image: Demonstrates the 360° view capability controlled via the smartphone app.

4.2 2K Image Quality and Night Vision

The camera provides clear 2K resolution video. It features both color night vision and infrared night vision modes. In low-light conditions, the camera can automatically switch to night vision. Color night vision is activated when sufficient ambient light or the camera's spotlight is on, providing full-color images even in darkness.

2KFHD,Clear Every Second



Image: Highlights the 2K Full HD resolution for clear video capture.



Image: Compares Color Night Vision (with spotlight) and Infrared Night Vision (without spotlight).

4.3 Motion Detection and Tracking

The camera is equipped with intelligent motion and sound detection. When motion or sound is detected, the camera can automatically track the moving object or person, ensuring comprehensive coverage. You will receive warning messages on your mobile phone via the app.

Smart Motion Tracking



Image: Depicts the smart motion tracking feature, showing the camera's ability to follow moving subjects.

4.4 Customize Activity Area

You can define specific activity zones within the camera's field of view through the app. This allows you to focus motion detection on critical areas and reduce false alarms from irrelevant movements.

Customize Your Activity Area



Image: Shows how to customize activity areas for motion detection within the app.

4.5 Two-Way Audio

The camera supports two-way audio communication. You can speak through the camera using your smartphone app and hear responses from the camera's location, allowing for real-time interaction with visitors or delivery personnel.



Image: Illustrates the two-way audio feature, enabling communication through the camera.

4.6 Recording and Storage

The camera supports both cloud storage and local storage via a memory card (not included). You can enable 24/7 continuous recording to a memory card to minimize the risk of losing important information. A 30-day free trial of cloud storage is also available.

4.7 Multi-Device Viewing and Sharing

The BoyKeep app allows you to add multiple cameras and view up to four real-time video feeds simultaneously. You can also share camera access with family members on up to 10 devices, enabling multiple users to monitor the property.

5. MAINTENANCE

- **Cleaning:** Gently wipe the camera lens and body with a soft, dry cloth. Do not use harsh chemicals or abrasive

cleaners.

- **Firmware Updates:** Periodically check the BoyKeep app for available firmware updates. Keeping your camera's firmware up-to-date ensures optimal performance and security.
- **Connection Check:** Regularly verify that the power cable and Wi-Fi connection are secure and stable.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not powering on	No power, faulty adapter, loose connection	Check power outlet, ensure adapter is securely connected to camera and outlet. Try a different outlet.
Unable to connect to Wi-Fi	Incorrect Wi-Fi password, 5GHz network, camera too far from router	Ensure correct 2.4GHz Wi-Fi password. Move camera closer to router. Restart router and camera.
Poor image quality	Dirty lens, poor network connection, low light	Clean the camera lens. Check Wi-Fi signal strength. Ensure adequate lighting for color night vision.
Motion detection not working	Detection sensitivity too low, activity zone not set correctly, disabled in app	Adjust motion detection sensitivity in the app. Verify activity zones. Ensure motion detection is enabled.
Two-way audio issues	Microphone/speaker blocked, app permissions, network delay	Ensure nothing is obstructing the microphone or speaker. Check app permissions for microphone access. Verify stable network connection.

If you encounter issues not listed here or if troubleshooting steps do not resolve the problem, please contact BoyKeep customer support for assistance.

7. SPECIFICATIONS

Feature	Detail
Model Number	K20-6
Video Capture Resolution	3 MP (2K)
Connectivity Protocol	Wi-Fi (2.4GHz only)
Pan/Tilt Range	355° Horizontal, 120° Vertical
Night Vision	Color Night Vision, Infrared Night Vision
Audio	2-Way Talk
Storage Options	Memory Card (not included), Cloud Service
Power Source	Corded Electric

Feature	Detail
Mounting Type	Wall Mount
Indoor/Outdoor Usage	Outdoor
Compatible Devices	Smartphone (via App)

8. WARRANTY AND SUPPORT

BoyKeep provides a **24-month warranty** for this product. If you encounter any issues or have suggestions, please do not hesitate to contact our customer service team. We are committed to providing 100% satisfactory solutions within 3 working days.

For support, please refer to the contact information provided in the BoyKeep app or on the official BoyKeep website.