

BOIFUN 8211

BOIFUN 2K Indoor Security Camera User Manual

Model: 8211

1. INTRODUCTION

Thank you for choosing the BOIFUN 2K Indoor Security Camera. This camera is designed to provide comprehensive home surveillance, pet monitoring, and baby monitoring with advanced features such as 2K resolution, 360-degree pan/tilt, infrared night vision, smart detection, and two-way audio. This manual will guide you through the setup, operation, and maintenance of your new device.



Image: The BOIFUN 2K Indoor Security Camera, a compact white device, shown next to a smartphone displaying a live feed of a sleeping cat.

2. SAFETY INFORMATION

- Ensure the camera is placed on a stable surface or securely mounted to prevent falls.
- Use only the provided power adapter to avoid damage to the device.
- Keep the camera away from water, moisture, and extreme temperatures. This product is not waterproof.
- Do not attempt to disassemble or repair the camera yourself. Contact customer support for assistance.
- Keep out of reach of children and pets to prevent accidental damage or injury.

3. PACKAGE CONTENTS

Please check the package for the following items:

- BOIFUN 2K Indoor Security Camera (Model 8211)
- Power Adapter (5V/1A)
- USB Power Cable (2m)
- Mounting Screws and Wall Plugs
- User Manual

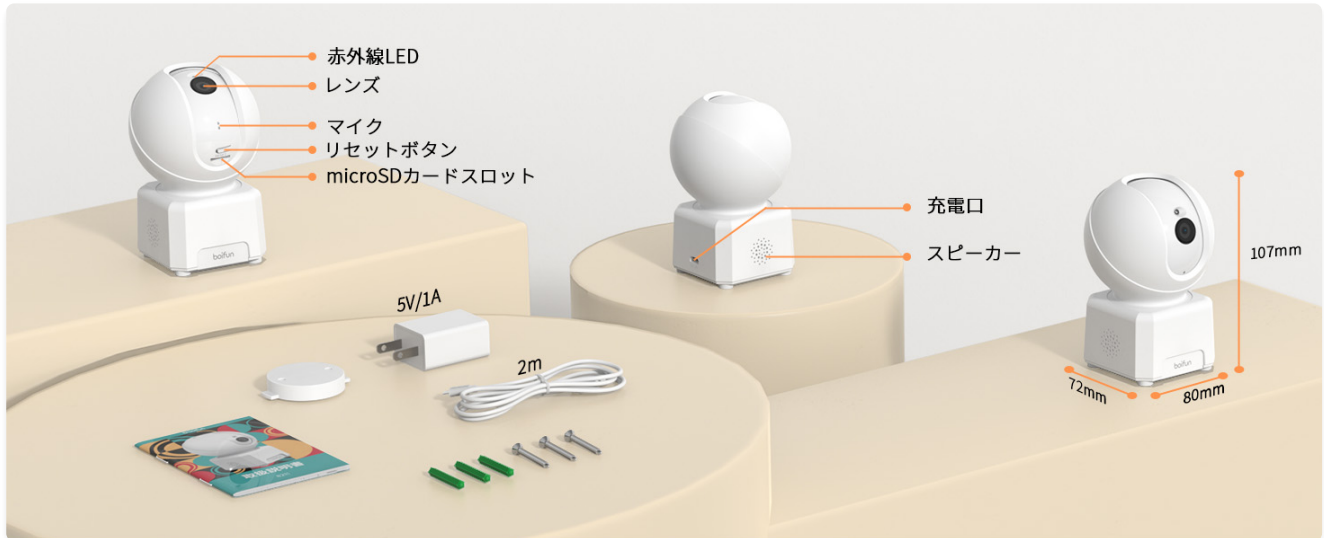


Image: An exploded view diagram illustrating the camera's external components (infrared LED, lens, mic, reset button, microSD card slot, charging port, speaker) and the included accessories: power adapter, USB cable, mounting hardware, and user manual.

4. PRODUCT OVERVIEW

Familiarize yourself with the camera's main components:

- **Lens:** Captures video footage.
- **Infrared LED:** Provides illumination for night vision.
- **Microphone:** Captures audio for two-way communication and sound detection.
- **Speaker:** Outputs audio for two-way communication and alarm sounds.
- **Reset Button:** Used to reset the camera to factory settings.
- **MicroSD Card Slot:** For local storage of recorded video (supports up to 128GB, Class 10 recommended).
- **Power Port:** Connects to the power adapter.

The camera features a compact design, measuring approximately 7.2 x 8 x 10.7 cm and weighing 330g.

5. SETUP

5.1. App Installation

Download the 'mipc' app from your smartphone's app store (available for iPhone and Android devices).

5.2. Powering On the Camera

Connect the power cable to the camera's power port and plug the adapter into a power outlet. The camera will power on and indicate its status (e.g., blinking LED).

5.3. Wi-Fi Connection

Open the 'mipc' app and follow the on-screen instructions to add your camera. Ensure your Wi-Fi network is 2.4GHz, as the camera only supports this frequency. The app will guide you through scanning a QR code on the camera or entering network details.



Image: A visual guide showing three steps for initial setup: 1) Install the app on a smartphone, 2) Power on the camera, and 3) Follow the instructions within the app to complete the setup.

5.4. Installation Locations

The camera can be placed freestanding on a flat surface, mounted on a wall, or inverted on a ceiling. If mounting on a ceiling, use the 'Screen Flip' function in the app to correct the image orientation.

よく設置場所



天井
オフィスや飲食店



壁掛け
ペットや高齢者の見守り目的



自立
不審者の侵入口となりやすい窓

Ceiling Mount (Office/Cafe)

よく設置場所



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壁掛け
ペットや高齢者の見守り目的



自立
不審者の侵入口となりやすい窓

Wall Mount (Pet/Elderly Monitoring)

よく設置場所



天井
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壁掛け
ペットや高齢者の見守り目的



自立
不審者の侵入口となりやすい窓

Freestanding (Intrusion Prevention)

Image: Examples of common installation locations for the camera, including ceiling mount for offices/cafes, wall mount for pet/elderly monitoring, and freestanding placement near windows for intrusion prevention.

6. OPERATING THE CAMERA

6.1. Live View and Pan/Tilt/Zoom (PTZ)

Access the live video feed through the 'mipc' app. You can remotely control the camera's pan (horizontal 350°) and tilt (vertical 115°) movements to view different areas of the room. The camera also supports digital zoom.

首振り機能搭載

行動範囲が広いペットでも安心、
上下115°と左右360°の首振りが可能で、留守番中のペットの見守りに最適。



Image: A diagram illustrating the camera's pan and tilt capabilities, showing 360-degree horizontal rotation and 114-degree vertical rotation, allowing for comprehensive room coverage.

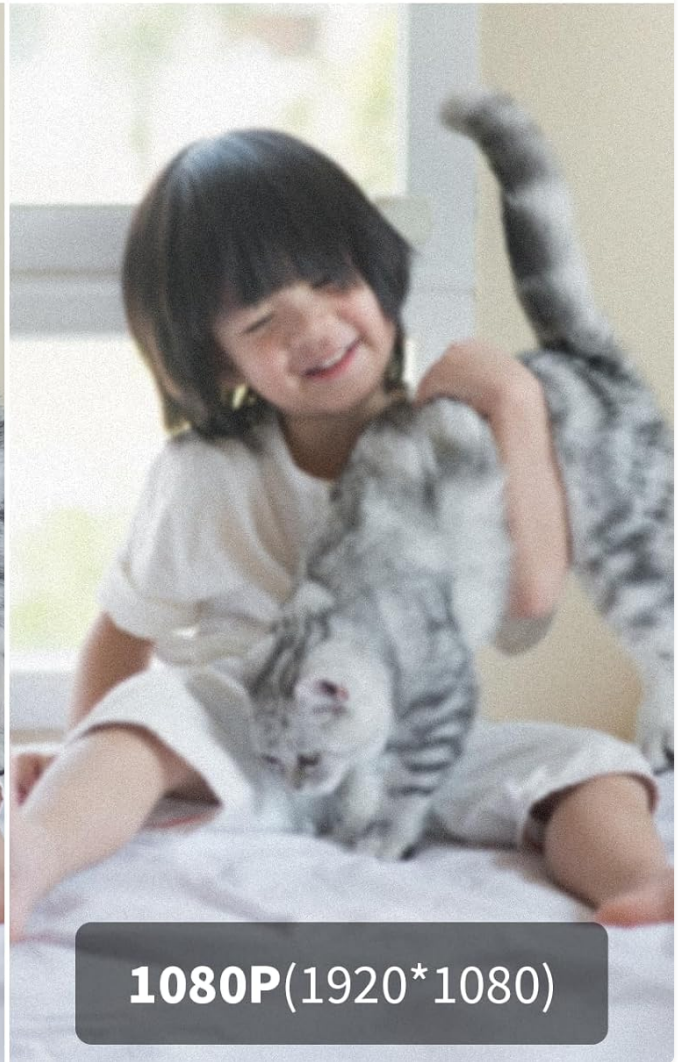
6.2. 2K High-Quality Video & Night Vision

The camera captures clear 2K (2304*1296P) resolution video during the day. Equipped with enhanced infrared, it provides clear night vision up to 10 meters, ensuring monitoring even in complete darkness.

2K(300万) 高品質画面 & 自動追跡設定可能

ペットは留守番中に何してる？

カメラ一台で留守番しているペットの行動や様子をはっきり見えます。



2K vs 1080P Video Quality

より強い夜間の撮影 従来の300万より鮮明

波長850nm赤外線内蔵、通常の940nmに比べてセンサ効果が3倍に向上、従来の200万より鮮明に映すことができます。突然帰宅できなくなった夜間にも、ペットの様子をしっかりと確認できます。



Enhanced Night Vision (850nm)

Image: Left shows a comparison between 2K (3MP) and 1080P video quality, highlighting the superior clarity of 2K. Right shows a comparison of night vision clarity using 850nm infrared versus traditional 940nm, demonstrating improved visibility.

6.3. Smart Detection Features

The camera offers advanced AI-powered detection capabilities:

- **Motion Detection:** Detects any movement within the camera's field of view.
- **Human Detection:** Specifically identifies human figures, reducing false alarms from pets or inanimate objects.
- **Sound Detection:** Alerts you to unusual sounds, such as crying babies or barking dogs.
- **Automatic Tracking:** When motion is detected, the camera can automatically track the moving object (left and right only) and record its movement.



動体検知

画面に人や動物などの動きを検知すると、リアルタイムでアラーム通知を発信します。

▶ 自動追跡機能がオンにする時、ペットの動きに合わせてカメラが左や右に追跡可能。

MIPC 今
カメラ：モーションアラート

人体モニタリング

最新AI知能アルゴリズムを採用し、リアルタイムでアラーム通知を発信します。

MIPC 今
カメラ：人体モニタリング



音声検知

タイムリー検出、様々な場面に適応出来るようになりました。

MIPC 今
カメラ：音声検出アラート

Image: Screenshots from the app demonstrating the camera's smart detection features: motion detection tracking a child playing, human monitoring identifying a person at the door, and sound detection indicating a dog barking.

6.4. Two-Way Audio

Communicate with family members or pets remotely using the built-in microphone and speaker. Simply tap the microphone icon in the app to speak, and listen through the camera's speaker.

遠隔確認&双方向音声会話可能

いつでもどこでも、かんたんに子供やペットと話すかける



Image: A person using a smartphone to communicate with a dog through the BOIFUN camera, demonstrating the two-way audio feature.

6.5. Alarm Sensor

Activate the alarm sensor feature in the app. If an intruder is detected, the camera will emit an alarm sound, acting as a deterrent. This is particularly effective for securing entry points like windows.

6.6. Recording and Storage

The camera supports 24-hour continuous recording, motion-triggered recording, and scheduled recording. Footage can be stored on a microSD card (not included) up to 128GB or via optional cloud storage services. All recorded data is encrypted for security.

6.7. Alexa Integration

The BOIFUN camera is Amazon Alexa certified. You can integrate it with Alexa-enabled devices like Echo Show to view live feeds using voice commands (e.g., "Alexa, show me the baby room").

6.8. Multi-User Sharing

The camera supports multiple user sharing, allowing your family members to access the live feed and monitor your home simultaneously from their own devices.

7. MAINTENANCE

- Clean the camera lens regularly with a soft, dry cloth to ensure clear image quality.
- Do not use harsh chemicals or abrasive cleaners.
- Ensure the camera is disconnected from power before cleaning.
- Keep the camera's ventilation holes clear to prevent overheating.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera offline	No power; Wi-Fi disconnected; Router issue	Check power connection; Restart camera/router; Reconfigure Wi-Fi in app
Cannot connect to Wi-Fi	Incorrect Wi-Fi password; 5GHz network; Camera too far from router	Verify password; Ensure 2.4GHz network; Move camera closer to router
Poor image quality	Dirty lens; Insufficient lighting; Network bandwidth issues	Clean lens; Ensure adequate lighting; Check network speed
Two-way audio not working	Microphone/speaker blocked; App permissions; Volume settings	Ensure clear path; Check app permissions for mic/speaker; Adjust volume
Motion detection not triggering	Detection sensitivity too low; Detection zone not set; Feature disabled	Adjust sensitivity; Configure detection zone; Enable feature in app

9. SPECIFICATIONS

Feature	Specification
Model Number	8211
Wireless Communication Technology	Wi-Fi (2.4 GHz only)
Installation Type	Freestanding
Material	Acrylonitrile Butadiene Styrene (ABS)

Feature	Specification
Product Dimensions (LxWxH)	7.2 x 8 x 10.7 cm
Water Resistance Level	Not Waterproof
Product Weight	330 g
Video Capture Resolution	1440p (2K)
Recommended Uses	Elderly care camera, Baby monitor, Pet monitor, Indoor security
Special Features	Two-way audio, Sound detection, HD day/night vision, PTZ technology, Motion sensor
Indoor/Outdoor Use	Indoor
Compatible Devices	Tablet, Laptop, Smartphone
Power Source	Corded Electric







10. WARRANTY AND SUPPORT

BOIFUN is committed to providing excellent customer experience. Your product comes with a 2-year warranty. We also offer a special 2-year extended protection plan. For any questions regarding the warranty period, product functions, or any unclear points, please feel free to contact our official email at admin@boifun.net.

In case of initial product defects, we can provide a new product replacement. Our products have obtained TELEC (Radio Law) technical compliance marks and PSE certification, ensuring safety and quality.



Image: A gold medal icon with '3 ' (3 years) prominently displayed, indicating the product's warranty period, along with 'PSE, TELEC ' (PSE, TELEC Certified) at the bottom, signifying compliance with Japanese safety and technical standards.

	<p>Boifun Baby Monitor Product Manual</p> <p>This product manual provides comprehensive information for the Boifun baby monitor, covering its features, setup, connection to displays and apps, general settings, usage instructions, functions, and frequently asked questions. It details the camera and display components, installation, connectivity options, and troubleshooting tips.</p>
	<p>BOIFUN Baby 6T Quick Guide: Setup, Features, and Troubleshooting</p> <p>Get started with your BOIFUN Baby 6T video baby monitor. This comprehensive quick guide covers unboxing, setup, connecting to the display and app, general settings, advanced features, and answers frequently asked questions for a seamless experience.</p>
	<p>Boifun Bell J1 Wireless Video Doorbell User Manual</p> <p>User manual for the Boifun Bell J1 Wireless Video Doorbell, covering setup, features, and troubleshooting.</p>
	<p>Boifun Outdoor Security Camera User Manual - Setup and Operation Guide</p> <p>Comprehensive user manual for the Boifun Outdoor Security Camera, covering setup, Wi-Fi connection, app usage, motion detection, battery management, and troubleshooting. Learn how to install and operate your Boifun camera for home security.</p>
	<p>Boifun Bell J1 Wireless Video Doorbell User Manual</p> <p>User manual for the Boifun Bell J1 Wireless Video Doorbell, covering features, setup, operation, and specifications. Includes information on battery charging, app download, Wi-Fi setup, live viewing, playback, leaving voice messages, sharing, chime connection, installation, and FAQs.</p>
	<p>Boifun VB805 Video Baby Monitor Product Manual - Setup, Operation, and Specifications</p> <p>This product manual provides detailed instructions for setting up, operating, and troubleshooting the Boifun VB805 Video Baby Monitor. It covers camera and monitor descriptions, specifications, connection, pairing, and frequently asked questions.</p>