

BOIFUN FHD1080P Network Camera

BOIFUN FHD1080P 360-Degree Pan/Tilt Network Camera User Manual

Model: FHD1080P Network Camera

1. INTRODUCTION

Thank you for choosing the BOIFUN FHD1080P 360-Degree Pan/Tilt Network Camera. This camera is designed to provide comprehensive surveillance for your home or office, offering features such as high-definition video, night vision, two-way audio, and intelligent detection capabilities. This manual will guide you through the setup, operation, and maintenance of your device.



Image 1.1: BOIFUN FHD1080P Network Camera and its mobile application interface.

2. PACKAGE CONTENTS

Please check the package contents to ensure all items are present:

- BOIFUN FHD1080P Network Camera
- Power Adapter (5V/1A)
- USB Cable (2m)
- Mounting Accessories (Screws, Wall Plugs)
- User Manual

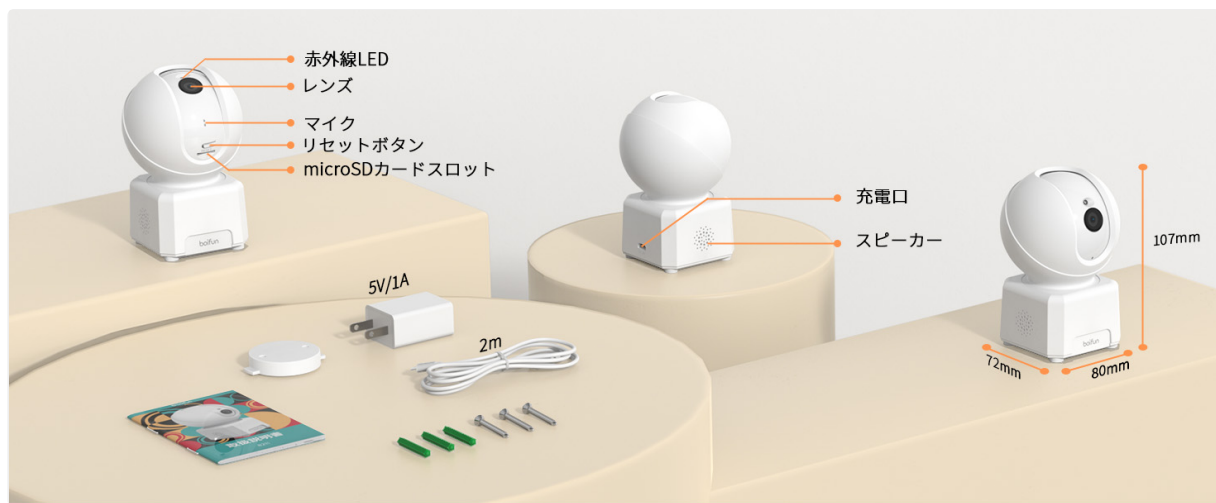


Image 2.1: Contents of the BOIFUN Network Camera package.

3. PRODUCT OVERVIEW

Familiarize yourself with the various components of your BOIFUN Network Camera:

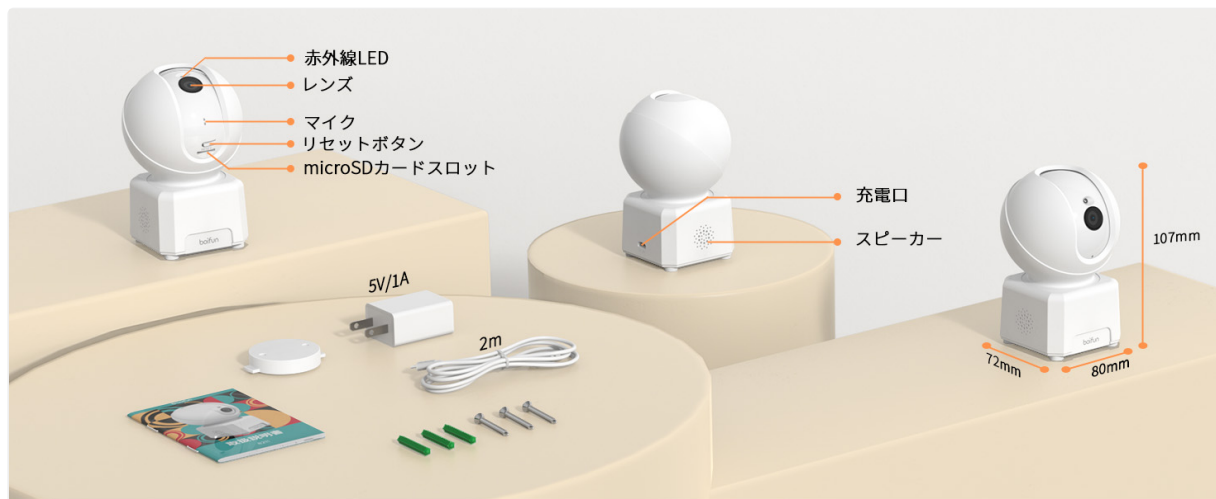


Image 3.1: Labeled components of the BOIFUN Network Camera.

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

4. SETUP GUIDE

Follow these steps to set up your BOIFUN Network Camera:

1. **Download the App:** Search for "MIPC" in your smartphone's app store (iOS/Android) and install it.
2. **Create an Account:** Open the MIPC app and register for a new account or log in if you already have one.
3. **Power On the Camera:** Connect the camera to a power source using the provided USB cable and power adapter. The camera will power on and indicate its status (e.g., flashing light).

4. **Add Device:** In the MIPC app, tap the "+" icon to add a new device. Select your camera model and follow the on-screen instructions. You will typically scan a QR code on the camera to initiate the connection.
5. **Connect to Wi-Fi:** Ensure your smartphone is connected to a 2.4GHz Wi-Fi network. The camera only supports 2.4GHz Wi-Fi. Enter your Wi-Fi password into the app.
6. **Complete Setup:** Once connected, the camera will confirm successful pairing. You can then name your camera and begin using its features.



Image 4.1: Simplified setup process using the MIPC app.

Installation Options

The camera can be placed on a flat surface, mounted on a wall, or installed on the ceiling. Choose the best location for optimal surveillance.



Image 4.2: Various installation methods for the camera.

5. OPERATING INSTRUCTIONS

5.1. High-Quality Video & Night Vision

The camera captures clear FHD 1080P video during the day. It features enhanced infrared night vision, allowing for clear monitoring even in low-light conditions.

FHD1080P 高品質画面 & 自動追跡も設定可能

200万素（FHD1920*1080P）の高性能レンズと
1/2.9カラーCMOSセンサー

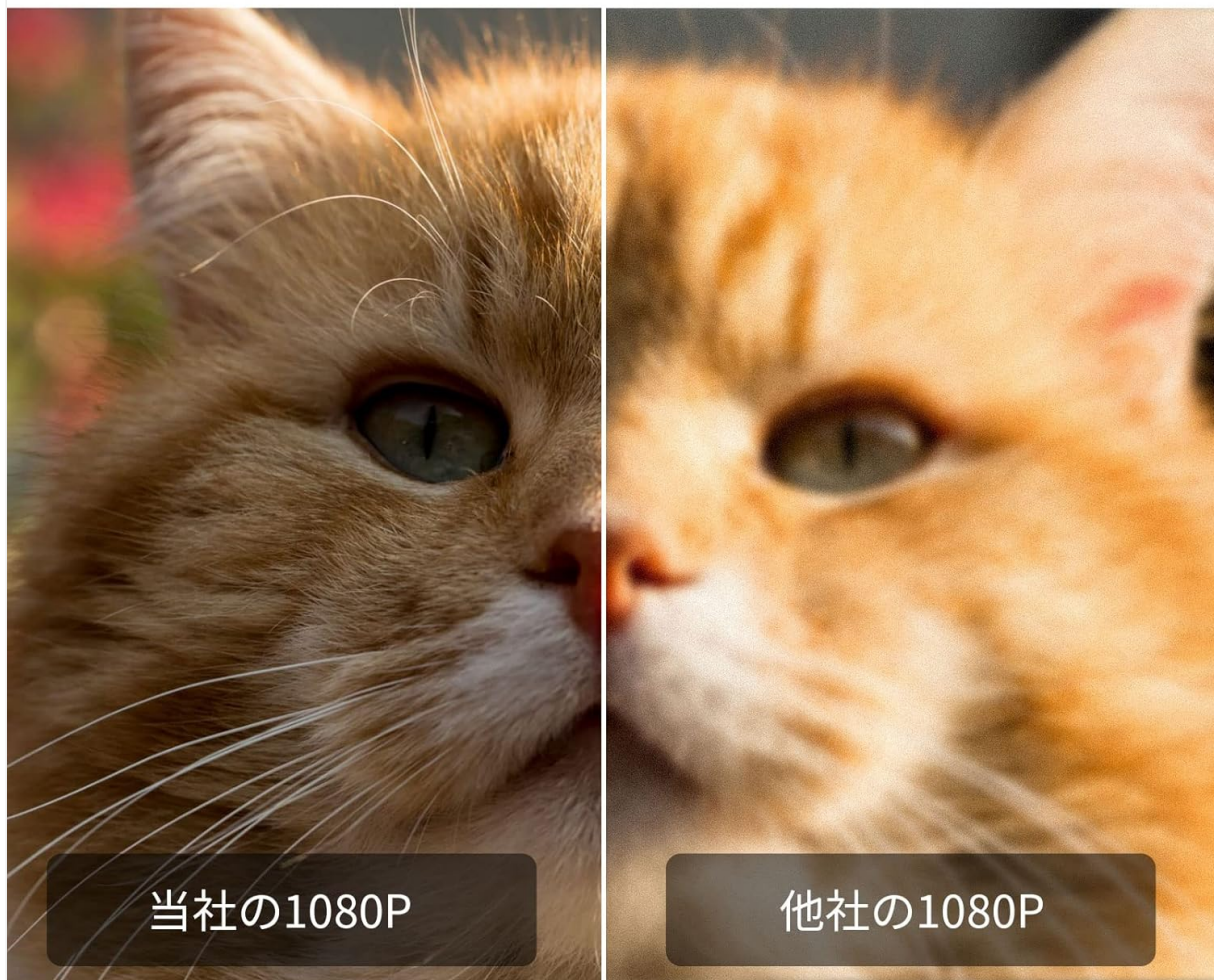


Image 5.1: Comparison of 1080P video quality.

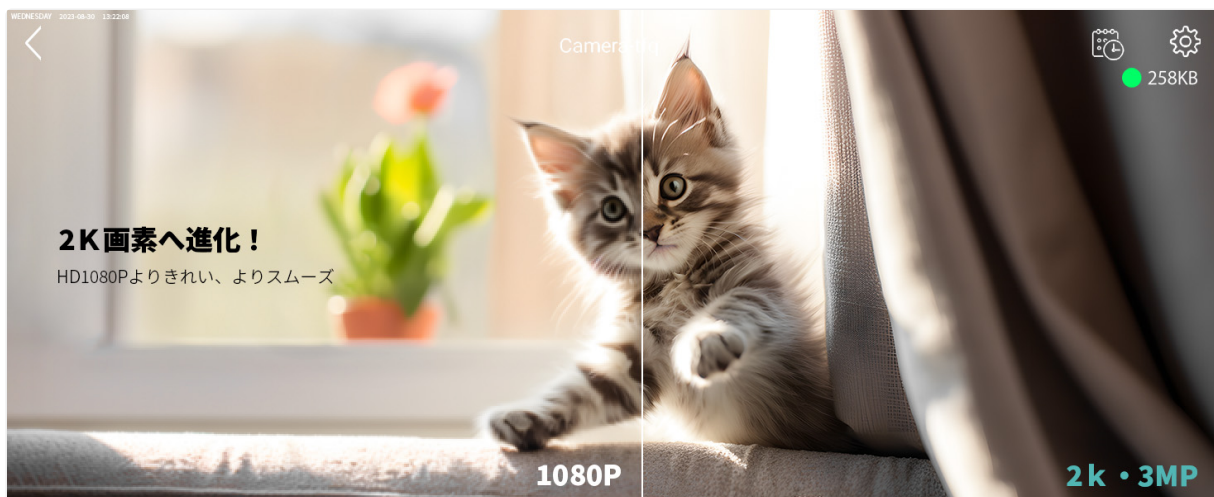


Image 5.2: 2K resolution provides a clearer and smoother image than 1080P.

より強い夜間の撮影 従来の200万より鮮明

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。



Image 5.3: Enhanced night vision for clear monitoring in the dark.

5.2. Pan/Tilt Functionality

The camera offers 355-degree horizontal (pan) and 115-degree vertical (tilt) rotation, allowing you to remotely adjust the viewing angle to cover a wide area.

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 5.4: Pan and Tilt movement range.



Image 5.5: 360-degree omnidirectional monitoring and 8x digital zoom.

5.3. Two-Way Audio

Communicate with family members or pets remotely using the built-in microphone and speaker. This feature allows for real-time conversations through the app.

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 5.6: Remote confirmation and two-way voice communication.



Image 5.7: Timely two-way communication for various situations.

5.4. AI Intelligent Detection & Auto-Tracking

Leverage advanced AI technology for motion detection, human recognition, face recognition, and abnormal sound detection. Receive real-time alerts on your smartphone. The auto-tracking feature allows the camera to follow moving subjects (left/right only).



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
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
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
カメラ：音声検出アラート

Image 5.8: Various app functions including motion, human, and sound detection.



ペット向けの自動追尾機能

猫や犬の動きの自由度も高めなので自動追尾機能はとても便利です。ペットがリビングで遊んでいる間、見守りカメラが360°（左右のみ）回転して記録できます。

Image 5.9: Automatic tracking feature for pets.



Image 5.10: Human detection, motion detection, and customizable notification times.



Image 5.11: Sound detection and customizable notification times.

5.5. Alexa Compatibility

The camera supports Alexa and Echo Show, allowing for voice control and viewing live feeds on compatible smart displays.



Image 5.12: Alexa compatibility for convenient control.

5.6. Recording and Storage

The camera supports 24-hour continuous recording to a microSD card (up to 128GB, Class 10 recommended). You can also choose motion-triggered or scheduled recording. All recorded data is encrypted for security.



Image 5.13: Recording options and data encryption.

5.7. Family Sharing & Multi-Device Support

The camera supports multiple user sharing, allowing all family members to monitor the home simultaneously. It is compatible with iOS 8.0+ and Android 5.0+ smartphones and tablets.



Image 5.14: Family sharing and multi-device support.

6. MAINTENANCE

To ensure optimal performance and longevity of your BOIFUN Network Camera, follow these maintenance guidelines:

- **Cleaning:** Gently wipe the camera lens and body with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials that could damage the surface or lens.
- **Placement:** Place the camera in a stable location to prevent accidental falls. Ensure it is not exposed to extreme temperatures, direct sunlight, or excessive moisture.
- **Software Updates:** Regularly check the MIPC app for firmware updates. Keeping your camera's software up-to-date ensures access to the latest features and security enhancements.
- **Power Supply:** Use only the original power adapter and cable provided with the camera to prevent damage.

7. TROUBLESHOOTING

If you encounter issues with your BOIFUN Network Camera, refer to the following common problems and solutions:

- **Camera cannot connect to Wi-Fi:**

- Ensure your Wi-Fi network is 2.4GHz. The camera does not support 5GHz Wi-Fi.
- Restart your smartphone and Wi-Fi router.
- Ensure the camera is within range of your Wi-Fi router.
- Verify that the Wi-Fi password entered in the app is correct.
- Try resetting the camera using the reset button and re-attempting the setup process.

- **Poor video quality or blurry images:**

- Check your internet connection speed. A stable and fast connection is required for optimal streaming.
- Clean the camera lens with a soft cloth.
- Ensure there is adequate lighting in the monitoring area, especially for non-night vision modes.

- **Two-way audio is unclear or cuts out:**

- Ensure both your smartphone and the camera have a stable internet connection.
- Speak clearly and concisely when using the two-way audio function. Long sentences may be cut off.
- Reduce background noise in both environments.

- **False alarms from motion/sound detection:**

- Adjust the sensitivity settings for motion and sound detection in the MIPC app.
- Reposition the camera to avoid areas with frequent, non-threatening movements (e.g., curtains swaying, shadows).

If these steps do not resolve your issue, please contact BOIFUN customer support.

8. SPECIFICATIONS

Feature	Specification
Model	FHD1080P Network Camera
Dimensions	16.2 x 10.5 x 9.2 cm
Weight	330 g
Video Resolution	FHD 1080P
Pan/Tilt Range	Horizontal 355°, Vertical 115°
Night Vision	Enhanced Infrared (850nm)
Connectivity	2.4GHz Wi-Fi (IEEE 802.11b/g/n)
Storage	MicroSD Card (up to 128GB, Class 10 recommended), Cloud Storage (optional)
Audio	Two-Way Audio (Built-in Mic & Speaker)
Detection Features	Motion Detection, Human Recognition, Face Recognition, Abnormal Sound Detection, Auto-Tracking

Feature	Specification
Compatibility	iOS 8.0+, Android 5.0+, Alexa, Echo Show
Certifications	PSE, TELEC

9. WARRANTY AND SUPPORT

BOIFUN offers a 3-year warranty for this product. Additionally, a special 2-year extended protection plan is available. For any questions regarding the warranty period, product functions, or other inquiries, please contact our dedicated customer support center.



Image 9.1: 3-Year Warranty and Certifications.

In case of initial product defects, a replacement product can be provided.

Official Customer Support Email: admin@BOIFUN.net

We welcome you to BOIFUN!