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› 2K Security Camera Outdoor - 4MP 360° View WIFI Camera, IP66, Motion Detection&Siren, Auto Tracking, Two Way Talk, Pan Tile Color Night Vision, Outside 2.4g IP Cameras with Spotlight For Home Security

P Panoraxy BF-BK04

P Panoraxy 2K Outdoor Security Camera User Manual

Model: BF-BK04

Brand: P Panoraxy

INTRODUCTION

This user manual provides comprehensive instructions for the P Panoraxy 2K 4MP Outdoor Security Camera (Model: BF-BK04). This advanced Wi-Fi camera offers a 360° view, IP66 weatherproofing, intelligent motion detection with siren, auto tracking, two-way audio communication, and versatile night vision capabilities including color night vision. Designed for robust outdoor home security, it ensures reliable monitoring and peace of mind.



Figure 1: P Panoraxy 2K Outdoor Security Camera Overview

WHAT'S IN THE BOX

Upon opening the package, please ensure all the following components are present:

- Camera Body

- Adapter with Cable
- Installation screw pack

Figure 2: Included components: Camera Body, Adapter with Cable, and Installation screw pack.

KEY FEATURES

2K 4MP HD Video & Floodlight Cam & Alarm Siren

Experience stunning 4-Megapixel (2304*1296p) video resolution with enhanced low-light performance. The integrated floodlight can be configured to activate upon detecting moving objects at night, and a sound alarm (80DB siren) can be triggered via the app for motion events. A 9-foot power cable with an adapter is included for convenient installation.



Figure 3: Motion detection triggers an alarm and notification on your device.

Easy-to-Use App with Motion Tracking & Alerts

Utilize the powerful, free companion app to set up motion tracking and receive instant alerts directly on your iOS or Android device, no matter where you are. This wireless home security camera system keeps you informed of any activity.



Figure 4: Smart PIR motion detection provides instant alerts, allowing you to monitor activity effectively.

Dual-Way Talk and IP66 Weatherproof

The built-in advanced microphone and speaker enable two-way communication. You can use this feature to deter unwanted visitors, give commands to pets, or greet guests. With an IP66 weatherproof rating, the camera is designed to withstand various outdoor conditions, protecting your home through all seasons, rain, snow, or shine.



Figure 5: Engage in two-way communication with visitors or deter intruders using the built-in microphone and speaker.



Figure 6: The camera's IP66 rating ensures durability and performance in various weather conditions, from -25°C to 50°C (-13°F to 122°F).

Pan, Tilt, 5x Digital Zoom & 2K Night Vision

View live video in up to 2K (2304*1296) resolution, day and night. The camera offers a wide 350° horizontal and 120° vertical pan and tilt range, along with 5x digital zoom, allowing you to cover a large area. It supports three night vision modes: Infrared, Full Color, and Siren & Light, enabling you to customize your best night vision experience.

PTZ Camera 5× Digital Zoom



Figure 7: Control the camera's pan, tilt, and 5x digital zoom remotely via the app for comprehensive coverage.

Three Night Vision Modes



Figure 8: Choose from Infrared, Full Color, or Siren & Light night vision modes for optimal visibility in low-light conditions.

Two Optional Storage and 24/7 Monitoring

The camera supports local storage via a TF card (not included, supports up to 128GB max) for continuous 24/7 monitoring of your home, yard, or company. Additionally, it offers the option to subscribe to cloud service for secure off-site storage.

Micro SD Card & Cloud Storage



Figure 9: The camera's IP66 rating ensures durability and performance in various weather conditions, from -25°C to 50°C (-13°F to 122°F).

Product Feature Video

Your browser does not support the video tag.

Video 1: Official product video showcasing 2K resolution, 360° view, two-way audio, human detection, floodlight, night vision modes, and easy installation. (Source: PANORAXY Seller)

SETUP AND INSTALLATION

The P Panoraxy 2K Outdoor Security Camera is designed for straightforward installation. Follow these general steps:

1. **Choose a Location:** Select an outdoor location with a clear view of the area you wish to monitor. Ensure it is within range of your 2.4GHz Wi-Fi network and has access to a power outlet. The camera is designed for ceiling and wall mounting.
2. **Mount the Camera:** Use the provided installation screw pack to securely mount the camera body. The camera can be

mounted on a ceiling or wall.

3. **Connect Power:** Plug the adapter with cable into the camera and then into a suitable power outlet.
4. **Download the App:** Download the recommended companion app (e.g., CloudEdge) from your device's app store (iOS/Android).
5. **Pair the Camera:** Open the app and follow the on-screen instructions to add your new device. This typically involves scanning a QR code on the camera or following a guided pairing process. Ensure your phone is connected to a 2.4GHz Wi-Fi network during setup.
6. **Configure Settings:** Once paired, you can configure various settings such as motion detection zones, alert preferences, and night vision modes within the app.

For a visual guide on installation, please refer to the installation segment in Video 1 (Official Product Video) starting around the 0:51 mark.



Figure 10: The installation screw pack is provided for secure mounting.

OPERATING THE CAMERA

The P Panoraxy camera is primarily operated through its dedicated mobile application. Here are some key functionalities:

- **Live View:** Access real-time video feed from your camera anytime, anywhere, as long as you have an internet connection on your mobile device.
- **Pan & Tilt Control:** Use the app's intuitive controls to remotely adjust the camera's viewing angle (350° horizontal, 120° vertical) and utilize the 5x digital zoom to focus on specific areas.
- **Two-Way Audio:** Tap the intercom icon in the app to speak through the camera's built-in speaker and listen through its microphone. This is useful for communicating with visitors or deterring intruders.
- **Motion Detection & Alerts:** Customize motion detection sensitivity and areas. Receive push notifications on your phone when motion is detected. The camera can also trigger a sound alarm or activate the floodlight automatically.
- **Night Vision Modes:** Switch between Infrared, Full Color, and Siren & Light night vision modes directly from the app to suit your monitoring needs in low-light conditions.
- **Recording & Playback:** View recorded footage stored on the inserted TF card or through the optional cloud storage service.

For demonstrations of these operating features, please refer to Video 1 (Official Product Video).

MAINTENANCE

To ensure optimal performance and longevity of your P Panoraxy security camera, regular maintenance is recommended:

- **Cleaning:** Periodically wipe the camera lens and body with a soft, damp cloth to remove dust, dirt, or water spots. Avoid using harsh chemicals or abrasive materials that could damage the lens or finish.
- **Firmware Updates:** Check the companion app regularly for firmware updates. Keeping your camera's firmware up-to-date ensures you have the latest features, security enhancements, and bug fixes.
- **Cable Inspection:** Inspect the power cable and connections for any signs of wear, damage, or corrosion. Ensure all connections are secure to maintain consistent power supply.

- **Wi-Fi Signal Strength:** Monitor the Wi-Fi signal strength in the app to ensure a stable connection. A weak signal can lead to dropped connections or poor video quality.
- **Storage Management:** If using a TF card, periodically check its status and ensure there is sufficient space. Back up important recordings as needed.

TROUBLESHOOTING

If you encounter issues with your P Panoraxy security camera, try the following troubleshooting steps:

- **Camera Offline:**
 - Check power connection: Ensure the camera is properly plugged in and receiving power.
 - Verify Wi-Fi: Confirm your Wi-Fi router is working and the camera is within range. Restarting your router may help.
 - Re-pair camera: If issues persist, try re-pairing the camera with the app.
- **Poor Video Quality:**
 - Check Wi-Fi signal: A weak signal can degrade video quality. Try moving the camera closer to the router or using a Wi-Fi extender.
 - Clean lens: Ensure the camera lens is clean and free from smudges or dirt.
 - Adjust resolution: Some apps allow you to adjust video resolution. Lowering it might improve streaming stability.
- **Motion Detection Not Working:**
 - Check app settings: Ensure motion detection is enabled in the app and sensitivity is set appropriately.
 - Adjust detection zones: Configure specific detection zones to avoid false alarms from irrelevant areas.
 - Environmental factors: Strong winds, moving branches, or sudden light changes can sometimes trigger false alarms. Adjust sensitivity or camera placement.
- **Two-Way Audio Issues:**
 - Check volume: Ensure volume levels are adequate on both your phone and within the app.
 - Microphone/Speaker obstruction: Verify that the camera's microphone and speaker are not obstructed.
 - Network latency: High network latency can cause audio delays or choppiness.

If these steps do not resolve the issue, please contact P Panoraxy customer support for further assistance.

TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	BF-BK04
Video Capture Resolution	2K (2304*1296p)
Effective Still Resolution	4 MP

Feature	Specification
Connectivity Technology	Wireless (Wi-Fi 2.4GHz)
Pan/Tilt Angle	350° Horizontal, 120° Vertical
Zoom Type	Digital Zoom (5x)
Night Vision Range	10 Meters (33 feet)
Water Resistance Level	IP66 Weatherproof
Storage Options	TF Card (up to 128GB max, not included), Cloud Storage (subscription)
Power Source	Corded Electric (12 Volts DC, 12 watts)
Alert Type	Motion Only (with siren option)
Material	Acrylonitrile Butadiene Styrene (ABS)
Item Weight	1 Pound
Dimensions	7.01 x 6.97 x 4.09 inches (Package)

WARRANTY AND SUPPORT

P Panoraxy products are designed for reliability and performance. For specific warranty details, please refer to the warranty card included with your product or visit the official P Panoraxy website. For technical support, troubleshooting assistance, or any inquiries regarding your camera, please contact P Panoraxy customer service through the contact information provided on their official website or within the companion app.

You can also visit the [P Panoraxy Store on Amazon](#) for more information and support resources.

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