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› XIAOVV P5 Plus 4G LTE Outdoor Surveillance Camera User Manual

XIAOVV P5plus

XIAOVV P5 Plus 4G LTE Outdoor Surveillance Camera User Manual

Model: P5 Plus | Brand: XIAOVV

INTRODUCTION

Thank you for choosing the XIAOVV P5 Plus 4G LTE Outdoor Surveillance Camera. This manual provides essential information for the safe and effective use of your new surveillance system. Please read it thoroughly before installation and operation, and retain it for future reference. This camera is designed for outdoor use, offering comprehensive monitoring with its 4G LTE connectivity, solar charging, 360-degree rotation, and advanced detection features.

SAFETY INFORMATION

- Ensure the camera is installed in a location where it is protected from direct physical impact.
- Use only the specified power adapter or solar panel for charging to prevent damage.
- Do not attempt to disassemble or modify the camera. This will void the warranty and may cause damage.
- Keep the camera away from extreme temperatures, corrosive substances, and strong magnetic fields.
- Handle the SIM card and memory card with care to avoid damage.
- Ensure all cables are properly secured to prevent tripping hazards or damage.

PACKAGE CONTENTS

Please check the package for the following items:

- XIAOVV P5 Plus Solar Camera
- Solar Panel
- Mounting Bracket and Screws
- USB Charging Cable
- User Manual



Figure 1: XIAOVV P5 Plus Camera and Solar Panel. This image shows the main components of the surveillance system, including the camera unit, the solar panel for continuous power, and a smartphone screen demonstrating the live view capability.

PRODUCT OVERVIEW

The XIAOVV P5 Plus is a robust outdoor surveillance camera designed for comprehensive property monitoring. Key features include:

- **4G LTE Connectivity:** Allows for remote access and monitoring without the need for Wi-Fi, ideal for locations without internet access.
- **Solar Powered:** Equipped with a solar panel and a 10,000 mAh rechargeable battery for continuous, eco-friendly power.
- **4MP HD Resolution:** Provides clear and detailed video footage.
- **360° PTZ Rotation:** Pan, Tilt, and Zoom functionality for wide area coverage and flexible viewing angles.
- **IP65 Weatherproof:** Designed to withstand various outdoor weather conditions, including rain, snow, and heat.
- **PIR Human Detection:** Advanced passive infrared sensor accurately detects human movement, reducing false alarms.
- **Two-Way Audio:** Built-in microphone and speaker for real-time communication.

- **Color Night Vision:** Enhanced night vision capabilities for clear, full-color images even in low-light conditions.



Figure 2: 360-Degree Coverage. This image illustrates the camera's ability to pan 355 degrees horizontally and tilt 90 degrees vertically, providing comprehensive surveillance of your property.

Wetterfest für alle Jahreszeiten

IP66-Wasserbeständigkeit



Figure 3: Weatherproof Design. This image highlights the camera's IP65 weather resistance, showing it functioning reliably under various weather conditions like rain, ensuring year-round outdoor performance.

SETUP GUIDE

1. Charging the Battery

Before initial use, fully charge the camera's built-in 10,000 mAh battery using the provided USB cable. Connect the USB cable to the camera's charging port and a standard 5V/2A USB power adapter (not included). The charging indicator light will show the charging status. Once fully charged, the solar panel will maintain the battery level under sufficient sunlight.

Unterstützt kontinuierliche Stromversorgung

Unendliche Laufzeit durch Solarpanel



Figure 4: Continuous Power Supply. This image demonstrates how the solar panel provides continuous power to the camera, ensuring extended operation without frequent manual recharging.

2. SIM Card Installation

The XIAOVV P5 Plus supports 4G LTE connectivity. To install the SIM card:

1. Locate the SIM card slot on the camera (usually protected by a waterproof cover).
2. Carefully open the cover.
3. Insert a standard Nano-SIM card into the slot with the gold contacts facing down and the notched corner aligned correctly.
4. Gently push until it clicks into place.
5. Close the waterproof cover securely to maintain the camera's IP65 rating.

3. App Installation and Account Creation

Download the recommended mobile application (e.g., V380 Pro or similar, as indicated in the product packaging) from your smartphone's app store (App Store for iOS or Google Play Store for Android). Follow the on-screen instructions to

create a new account and log in.

4. Camera Pairing/Connection

To add your camera to the app:

1. Open the app and tap "Add Device" or the "+" icon.
2. Select the appropriate camera type (e.g., 4G Camera).
3. Follow the app's instructions to scan the QR code on the camera or manually enter its device ID.
4. Once connected, you can name your camera and begin live viewing.

5. Mounting Instructions

The camera is designed for tree mounting or wall mounting. Choose a location that provides optimal coverage and receives sufficient sunlight for the solar panel.

1. **Select Location:** Identify a suitable mounting spot, ensuring a clear line of sight for surveillance and good sun exposure for the solar panel.
2. **Mark Drilling Points:** Use the mounting bracket as a template to mark the drilling points on the wall or tree.
3. **Drill Holes:** Drill holes at the marked points. Insert wall plugs if mounting on masonry.
4. **Attach Bracket:** Secure the mounting bracket using the provided screws.
5. **Mount Camera:** Attach the camera unit to the secured bracket. Adjust the angle of the solar panel to maximize sun exposure.
6. **Connect Solar Panel:** Plug the solar panel cable into the camera's charging port.

PTZ ALL-ROUND PROTECTION

Easily Control by V380Pro App



Figure 5: Optimal Mounting Position. This image demonstrates a typical mounting position for the camera, showing its wide field of view covering a residential area, controllable via the V380Pro App.

OPERATING INSTRUCTIONS

1. Live View

Open the app and select your camera from the device list to access the live video feed. You can view real-time footage from anywhere with 4G LTE coverage.

2. Pan/Tilt/Zoom (PTZ) Control

On the live view screen, use the directional controls (joystick or arrows) within the app to remotely pan (rotate horizontally up to 355°), tilt (rotate vertically up to 90°), and digitally zoom the camera to adjust your viewing angle.

3. Two-Way Audio

Tap the microphone icon in the app to speak through the camera's built-in speaker. Tap the speaker icon to listen to audio from the camera's microphone. This allows for real-time communication with visitors or deterrence of intruders.

4. Motion Detection & Alerts (PIR)

The camera uses PIR (Passive Infrared) technology for accurate human motion detection. When motion is detected, the camera will:

- Send instant push notifications to your smartphone.
- Initiate video recording.
- Activate light and/or siren alarms (if enabled in settings).

You can adjust the sensitivity of the PIR sensor and customize alert settings within the app.



Figure 6: Intelligent PIR Human Detection. This image demonstrates the camera's ability to accurately identify human movement, minimizing false alarms from other sources.

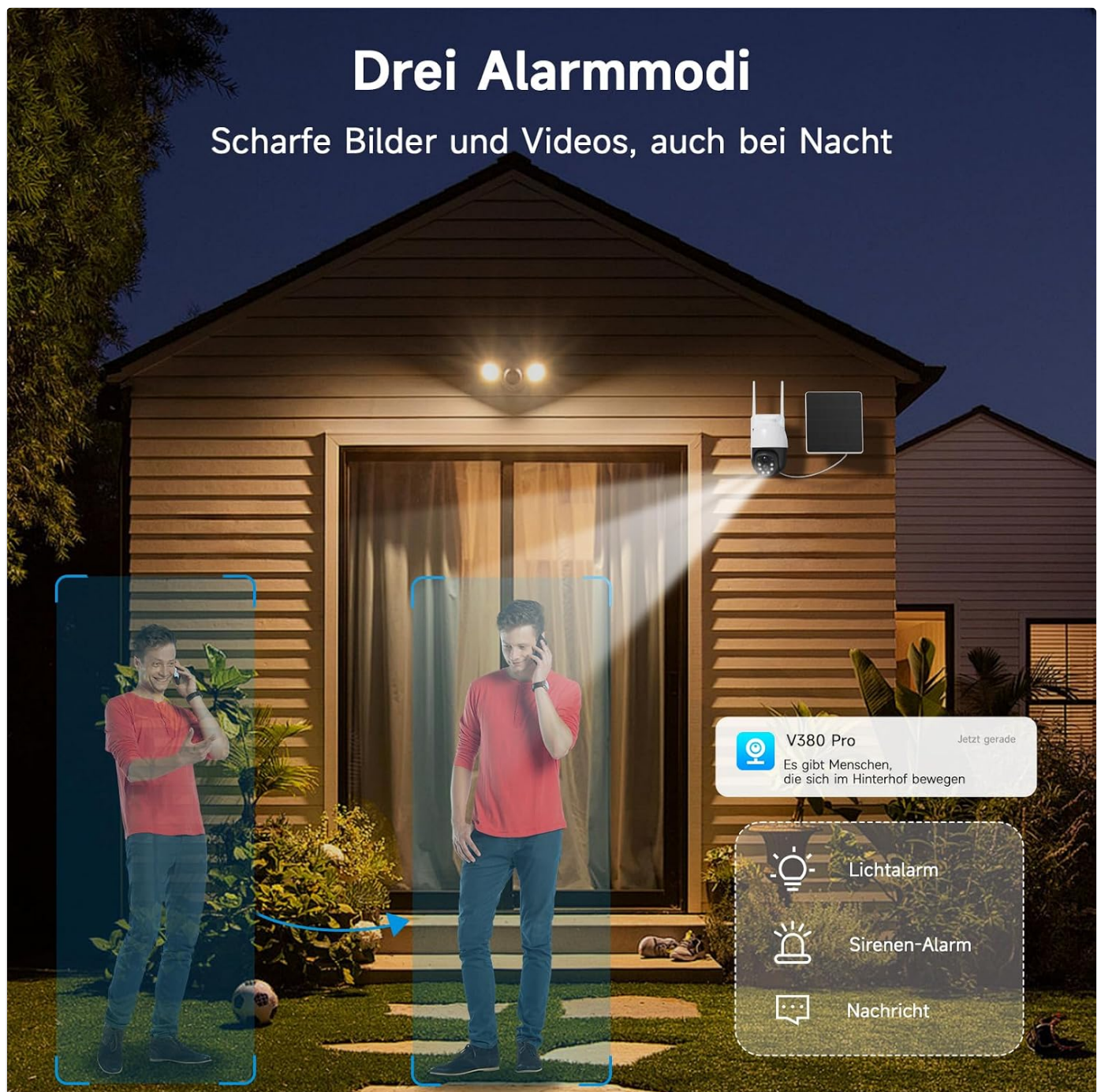


Figure 7: Three Alarm Modes. This image illustrates the camera's various alarm responses upon detection, including light alarms, siren alarms, and push notifications to your mobile device.

5. Recording & Playback

Recordings are triggered by motion detection or can be initiated manually. You can access recorded footage through the app's playback feature. The camera supports both cloud storage (subscription may be required) and local storage via a microSD card (not included).

6. Night Vision

The camera features advanced night vision capabilities, including:

- **Infrared Night Vision:** Provides clear black-and-white images in complete darkness.
- **Color Night Vision:** Utilizes built-in spotlights to capture full-color video even at night, offering more detail and clarity.

You can switch between night vision modes or set it to automatic within the app settings.

2K Farb-Nachtsicht

Schärfere Bilder und Videos, sogar bei Nacht



Figure 8: 2K Color Night Vision. This image compares traditional infrared night vision (monochrome) with the camera's advanced color night vision, showcasing sharper and more detailed images even in low-light conditions.

MAINTENANCE

- **Cleaning:** Periodically wipe the camera lens and solar panel with a soft, damp cloth to ensure clear vision and efficient solar charging. Do not use harsh chemicals.
- **Battery Care:** While the solar panel provides continuous charging, avoid prolonged periods of complete discharge. If storing the camera for an extended time, ensure the battery is partially charged.
- **Firmware Updates:** Regularly check the app for available firmware updates. Updates can improve performance, add new features, and enhance security. Follow the in-app instructions for updating.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Camera not connecting to 4G network.	Incorrect SIM card insertion, no data plan, poor signal, or incorrect APN settings.	Ensure SIM card is correctly inserted. Verify data plan is active. Check 4G signal strength at installation location. Contact your mobile carrier for APN settings if needed.
Battery not charging via solar panel.	Insufficient sunlight, dirty solar panel, or faulty connection.	Relocate solar panel to an area with more direct sunlight. Clean the solar panel surface. Ensure the cable connection between the solar panel and camera is secure.
Frequent false alarms.	PIR sensitivity too high, environmental factors (e.g., swaying branches, passing cars).	Adjust PIR sensitivity settings in the app to a lower level. Reposition the camera to avoid areas with frequent non-human motion.
No video recording.	No microSD card, full microSD card, or no cloud storage subscription.	Insert a compatible microSD card. Format or replace a full microSD card. Consider subscribing to cloud storage for continuous recording.
Two-way audio not working.	Microphone/speaker muted in app, low volume, or network issues.	Check audio settings in the app to ensure microphone and speaker are enabled and volume is adequate. Verify stable 4G connection.

SPECIFICATIONS

Feature	Detail
Model	P5 Plus
Resolution	4MP (2K)
Connectivity	4G LTE (SIM Card required), Wi-Fi (2.4GHz)
Power Source	Solar Powered, 10,000 mAh Lithium-Ion Battery (included)
PTZ Angles	Pan: 355°, Tilt: 90°
Weather Resistance	IP65 Waterproof
Detection	PIR Human Detection
Audio	Two-Way Audio
Night Vision	Infrared Night Vision, Color Night Vision
Storage	Cloud Storage, microSD Card (up to 128GB, not included)
Mounting Type	Tree Mounting, Wall Mounting
Dimensions (L x W x H)	Approx. 20 x 20 x 22 cm
Weight	Approx. 1.6 Kilograms

WARRANTY AND SUPPORT

XIAOVV products come with a standard manufacturer's warranty. For detailed warranty terms and conditions, please refer

to the warranty card included in your package or visit the official XIAOVV website. If you encounter any issues or have questions regarding your camera, please contact XIAOVV customer support through the contact information provided on the product packaging or website. Our dedicated support team is available to provide professional assistance. For recycling information regarding this product, please refer to local regulations concerning electronic waste disposal.

