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winees M3PRO

winees M3PRO Outdoor Security Camera User Manual

2K 4MP Outdoor/Indoor Camera for Home Security

1. Introduction

Thank you for choosing the winees M3PRO Outdoor Security Camera. This manual provides essential information for setting up, operating, and maintaining your security camera. Please read this manual thoroughly before use to ensure proper functionality and safety. This camera is designed for both outdoor and indoor use, offering 2K 4MP resolution, advanced AI detection, and color night vision for comprehensive home security.

2. Product Overview

2.1 Key Features

- **2K 4MP Resolution:** Captures clear and detailed images and video with an F1.6 aperture for enhanced clarity.
- **Full-Color Night Vision:** Equipped with a 4CCT spotlight and starlight sensor for vivid color monitoring in low-light conditions.
- **Smart AI Detection:** Advanced algorithms distinguish between humans, pets, vehicles, and packages, reducing false alarms.
- **Two-Way Audio:** Built-in microphone and speaker allow for real-time communication.
- **Enhanced Connectivity:** Supports 2.4G WiFi and is compatible with WiFi 6 routers for faster transmission and improved battery life.
- **Weather Resistance:** IP66 rated for continuous monitoring in various weather conditions (sunproof, rainproof, snowproof).
- **Wide Viewing Angle:** 170° diagonal viewing angle with 6x digital zoom and 10M PIR pick-up range.
- **Flexible Storage:** Supports cloud storage and local storage via a 128GB SD card.
- **Integrated Spotlight:** Powerful 600 Lumen 4CCT spotlight for illumination and enhanced night vision.

2.2 Package Contents

Please check the package for the following items:

- winees M3PRO Security Camera
- Mounting Bracket
- USB Charging Cable
- Mounting Screws and Anchors
- User Manual (this document)

3. Setup Guide

3.1 Charging the Camera

The camera features a built-in 10,000 mAh battery. Before initial use, fully charge the camera using the provided USB cable. For continuous outdoor power, connect the camera to a compatible solar panel (sold separately) via the USB cable. A full charge can provide up to 365 days of operation under optimal conditions.

3.2 App Installation and Account Creation

1. Download the official winees security app from your smartphone's app store (iOS or Android).
2. Open the app and create a new account, or log in if you already have one.

3.3 Connecting to Wi-Fi

1. Ensure your camera is powered on and within range of your Wi-Fi router.
2. In the winees app, tap the '+' icon to add a new device.
3. Follow the on-screen instructions to connect the camera to your 2.4GHz Wi-Fi network. The camera supports Wi-Fi 6 for enhanced performance.
4. **Note:** The camera primarily uses 2.4GHz Wi-Fi for stable long-range connection. While compatible with Wi-Fi 6 routers, ensure the 2.4GHz band is enabled and selected during setup.



Figure 3.3.1: The camera supports 2.4GHz Wi-Fi for reliable long-range connectivity, compatible with modern Wi-Fi 6 routers for improved efficiency.



Figure 3.3.2: Wi-Fi 6 compatibility offers benefits such as faster speeds, reduced power consumption, and backward compatibility with older Wi-Fi standards.

3.4 Mounting the Camera

Choose a suitable location for your camera, considering the desired viewing area and Wi-Fi signal strength. The camera is IP66 rated, making it suitable for outdoor installation in various weather conditions.

1. Mark the drilling points using the mounting bracket as a template.

2. Drill holes and insert the provided anchors if mounting on masonry or drywall.
3. Secure the mounting bracket to the surface with screws.
4. Attach the camera to the mounting bracket and adjust the angle for optimal coverage.



Figure 3.4.1: The camera's IP66 weather resistance ensures reliable operation in temperatures ranging from -20°C (-4°F) to 50°C (122°F), making it suitable for diverse outdoor environments.

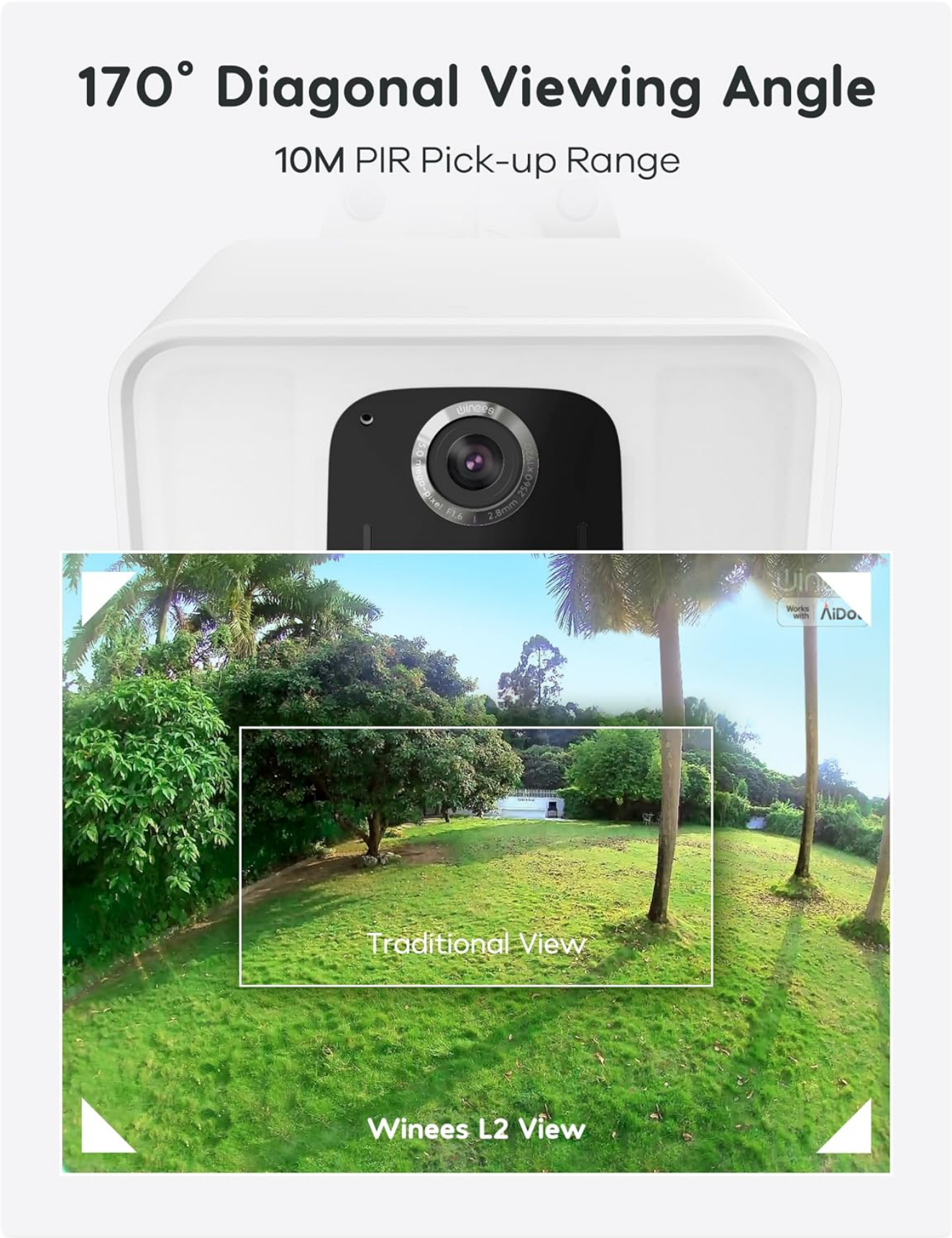


Figure 3.4.2: The camera offers a 170° diagonal viewing angle, providing a broad perspective of your property with a 10-meter PIR pick-up range for motion detection.

4. Operating Instructions

4.1 Live View and Recording

Access the winees app to view live footage from your camera at any time. The camera provides 24/7 live streaming

in 2K 4MP resolution. You can manually record video or set up continuous recording and motion-triggered recording.

4.2 Color Night Vision

The camera automatically switches to night vision in low-light conditions. With its 4CCT spotlight and starlight sensor, it can provide full-color night vision, replicating authentic colors of captured images. The spotlight can also be manually activated via the app.

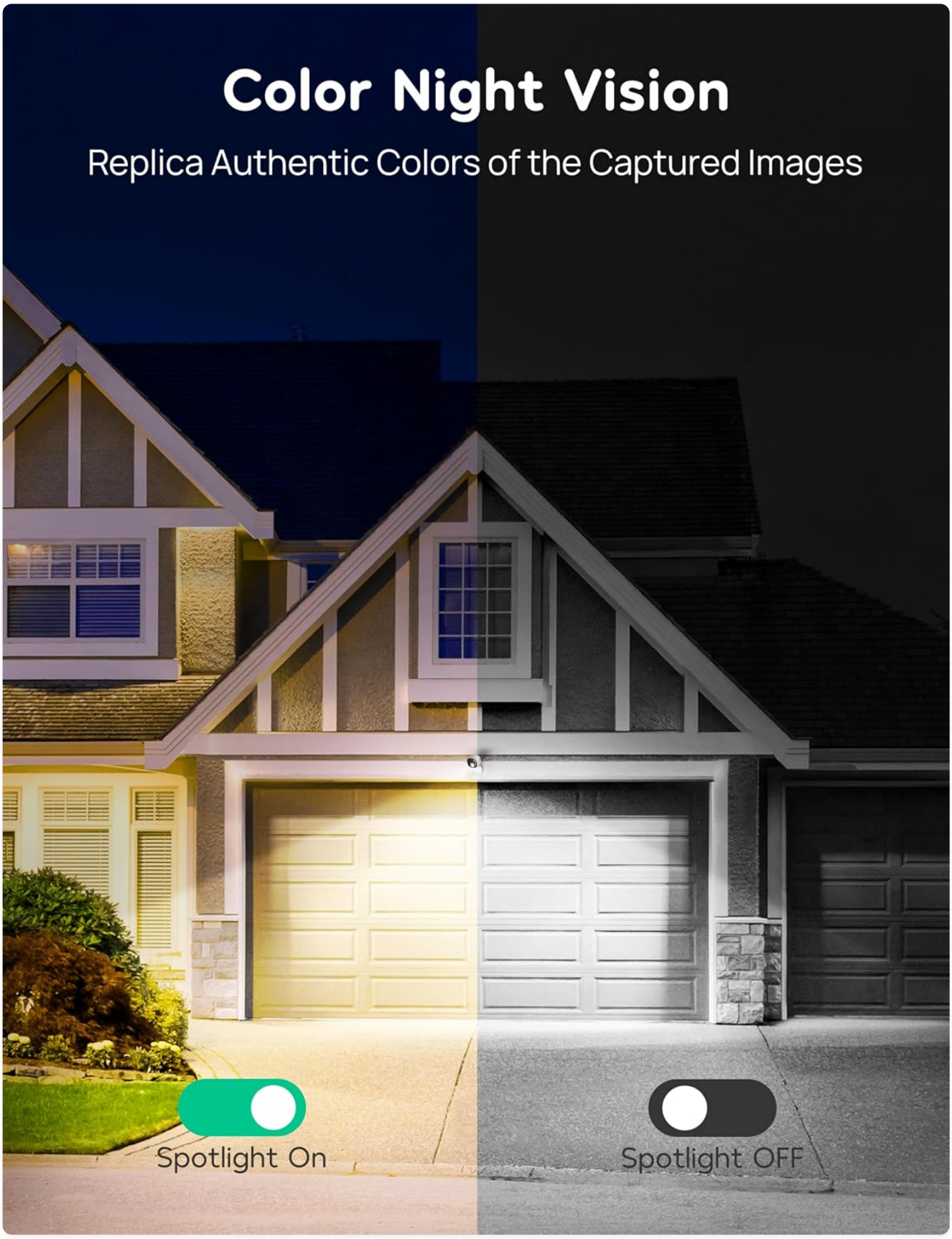


Figure 4.2.1: The camera's color night vision feature, enhanced by the spotlight, allows for clear, full-color imaging even in complete darkness, capturing more detail than traditional black and white night vision.



Figure 4.2.2: The powerful 600 Lumen 4CCT spotlight illuminates dark areas, enhancing visibility and acting as a deterrent, while the app provides real-time alerts for detected motion.

4.3 Smart AI Detection and Alerts

The camera's advanced PIR motion sensor and AI technology can intelligently distinguish between people, vehicles, pets, and packages. This reduces false alarms caused by environmental factors like insects or leaves.

- **Motion Detection:** Configure motion detection zones and sensitivity in the app.

- **AI Object Recognition:** Receive specific alerts for detected humans, pets, vehicles, or packages.
- **Instant Notifications:** Get real-time push notifications on your smartphone when an event is detected.

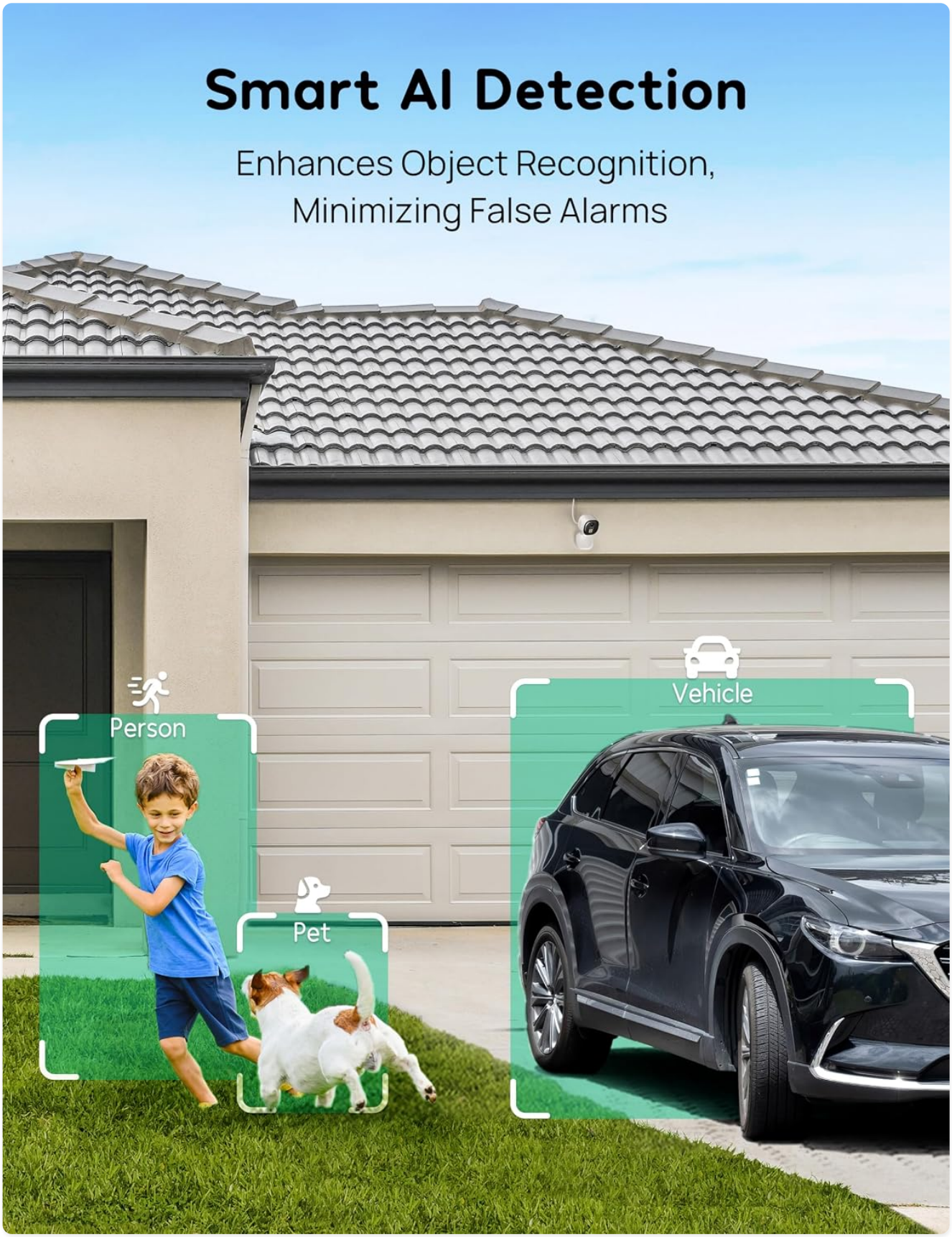


Figure 4.3.1: Smart AI detection enhances object recognition, minimizing false alarms by accurately identifying people, pets, and vehicles within the camera's view.

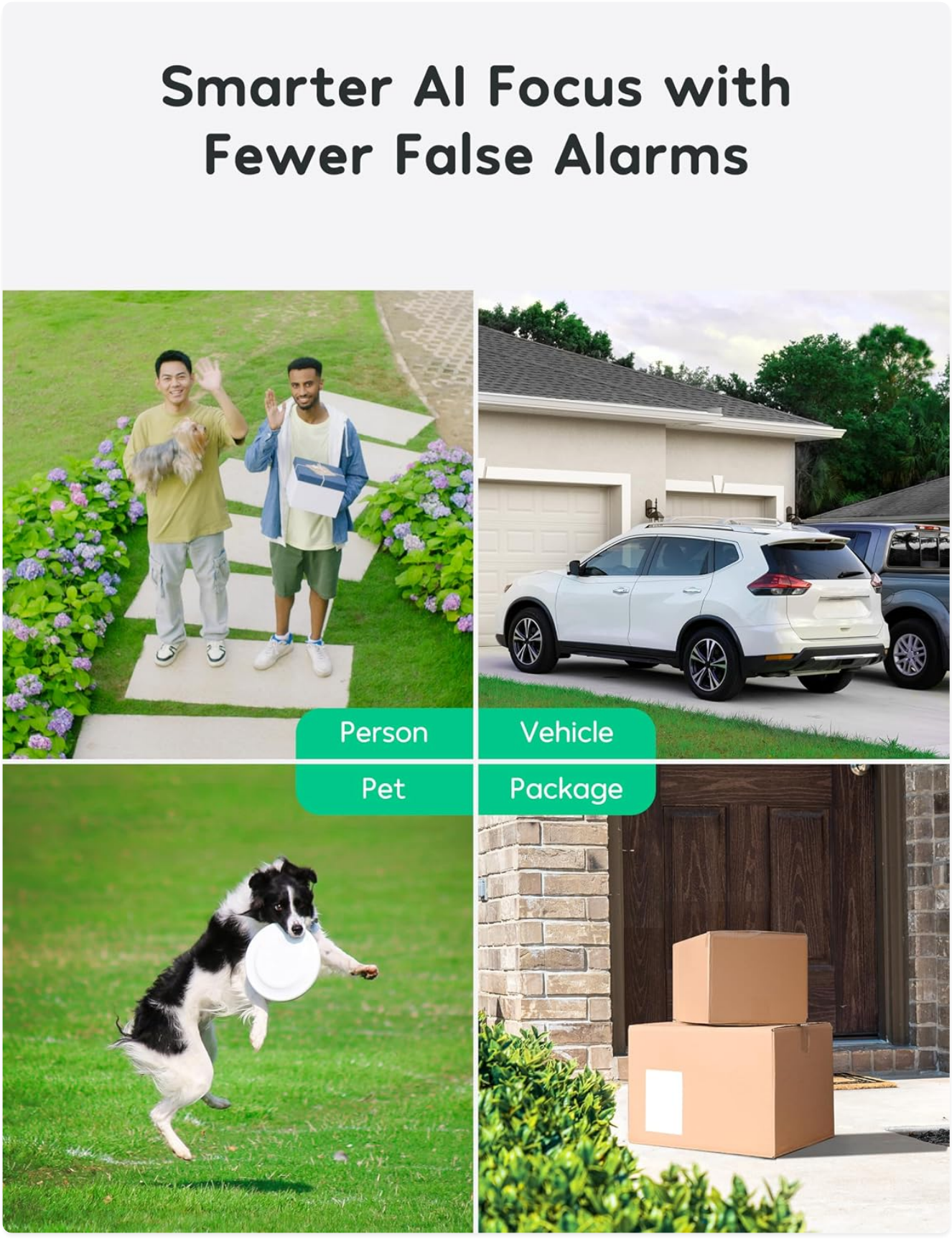


Figure 4.3.2: The camera's AI focus intelligently identifies various objects, including people, vehicles, pets, and packages, leading to more accurate alerts and fewer irrelevant notifications.

4.4 Two-Way Audio

Use the two-way audio feature in the app to communicate with visitors or deter intruders in real-time. Tap the microphone icon in the live view to speak through the camera's speaker.

4.5 Storage Options

The camera supports two storage methods:

- **Cloud Storage:** Subscribe to a cloud storage plan via the winees app for secure, remote access to your recordings.
- **SD Card Storage:** Insert a microSD card (up to 128GB, not included) into the camera's SD card slot for local recording.

5. Maintenance

- **Cleaning:** Gently wipe the camera lens and body with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials.
- **Firmware Updates:** Regularly check the winees app for firmware updates to ensure optimal performance and security.
- **Battery Check:** Monitor the battery level via the app, especially if using solar power, to ensure continuous operation.
- **Connection Check:** Periodically verify the Wi-Fi connection strength in the app to prevent interruptions in monitoring.

6. Troubleshooting

6.1 Camera Not Connecting to Wi-Fi

- Ensure the camera is within range of your 2.4GHz Wi-Fi router.
- Verify that your Wi-Fi password is correct.
- Restart your router and the camera.
- Confirm that your router's 2.4GHz band is enabled.

6.2 Poor Image Quality

- Clean the camera lens to remove any dirt or smudges.
- Ensure there is adequate lighting, especially for color night vision.
- Check your Wi-Fi connection speed; a weak signal can affect streaming quality.

6.3 Frequent False Alarms

- Adjust the motion detection sensitivity in the app.
- Configure detection zones to exclude areas with frequent irrelevant motion (e.g., busy streets, swaying trees).
- Ensure AI detection for specific objects (human, pet, vehicle) is enabled and configured correctly.

6.4 Two-Way Audio Not Working

- Check the volume settings on your smartphone and in the app.
- Ensure your phone's microphone permissions are granted to the winees app.
- Verify that the camera's microphone and speaker are not obstructed.

7. Specifications

Feature	Specification
Model	M3PRO (also covers L2 series features)
Resolution	2K 4MP (2560x1440)
Aperture	F1.6
Night Vision	Full-Color Night Vision with 4CCT Spotlight & Starlight Sensor
Spotlight Brightness	600 Lumens
Detection	PIR Motion Sensor (10M range), AI Human/Pet/Vehicle/Package Detection
Viewing Angle	170° Diagonal
Digital Zoom	6x
Audio	Two-Way Audio
Wi-Fi Connectivity	2.4GHz Wi-Fi, Wi-Fi 6 Compatible
Power Source	10,000 mAh Rechargeable Battery, USB Cable, Solar Panel Compatible
Storage	Cloud Storage, MicroSD Card (up to 128GB)
Weather Rating	IP66
Operating Temperature	-20°C to 50°C (-4°F to 122°F)

8. Warranty and Support

For warranty information and technical support, please refer to the product packaging or visit the official winees website. You can typically find FAQs, troubleshooting guides, and contact information for customer service there.
Website: Visit the winees Store on Amazon

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