Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

NETVUE Vigil Plus2

NETVUE Smart Security Camera with USB Solar Panel Suit User Manual

Model: Vigil Plus2

1. Introduction

Thank you for choosing the NETVUE Smart Security Camera with USB Solar Panel Suit. This manual provides essential information for setting up, operating, and maintaining your security camera system. This system offers 1080p video resolution, color night vision, AI motion detection, two-way audio, and is IP65 weatherproof, making it suitable for various home surveillance needs. The included solar panel ensures continuous power, reducing the need for frequent recharging.



Image: The NETVUE Smart Security Camera shown with its accompanying solar panel, illustrating the complete system.

2. Package Contents

Please check the package contents carefully. If any items are missing or damaged, contact NETVUE customer support.

- NETVUE Smart Security Camera (Vigil Plus2)
- USB Solar Panel with 360° Swivel Bracket
- Mounting Bracket for Camera
- Mounting Screws and Wall Anchors
- USB Charging Cable
- User Manual (this document)

3. Product Overview

Familiarize yourself with the main components of your NETVUE Smart Security Camera and solar panel.



Image: Diagram showing the wire-free installation of the camera on a wall, highlighting its internal components and battery.

Camera Components:

- **Lens:** Captures 1080p video.
- **PIR Motion Sensor:** Detects heat signatures for motion detection.
- **Microphone:** For audio input during two-way communication.
- **Speaker:** For audio output during two-way communication and siren.
- **Spotlight:** Provides illumination for color night vision and acts as a deterrent.
- **Infrared LEDs:** For black and white night vision.
- **Status Indicator Light:** Shows camera status (e.g., pairing, recording).
- **USB Charging Port:** Connects to the solar panel or power adapter.
- **SD Card Slot:** For local video storage.
- **Reset Button:** Used for resetting the camera.

Solar Panel Components:

- **Photovoltaic Cells:** Convert sunlight into electrical energy.
- **USB Output Cable:** Connects to the camera for charging.
- **Mounting Bracket:** Allows for 360° adjustment for optimal sun exposure.

4. Setup and Installation

4.1 Initial Camera Charging

Before first use, fully charge the camera using the provided USB cable and a standard 5V/1A USB power adapter (not included). The status indicator light will show charging progress.

4.2 App Download and Account Creation

Download the "NETVUE" app from the App Store (iOS) or Google Play Store (Android). Follow the in-app instructions to create a new account or log in if you already have one.

4.3 Adding the Device to the App

1. Open the NETVUE app and tap the "+" icon to add a new device.
2. Select "Smart Camera" or the specific model if prompted.
3. Power on the camera. The status indicator light should blink blue, indicating it's ready for pairing.
4. Follow the app's instructions to connect the camera to your 2.4GHz Wi-Fi network. Ensure your phone is connected to the same Wi-Fi network during setup.
5. Scan the QR code displayed on your phone screen with the camera lens. Hold the phone approximately 6-8 inches (15-20 cm) from the camera.
6. Once connected, the camera will emit a sound, and the status indicator light will turn solid blue.
7. Name your camera and complete the setup process.

4.4 Mounting the Camera and Solar Panel

Choose a mounting location that provides a clear view of the area you wish to monitor and receives ample direct sunlight for the solar panel.

1. **Mark Drilling Positions:** Use the mounting bracket as a template to mark the screw holes on the wall or ceiling.
2. **Drill Holes:** Drill holes at the marked positions. Insert wall anchors if mounting on masonry or drywall.
3. **Attach Brackets:** Securely fasten the camera and solar panel mounting brackets using the provided screws.
4. **Mount Camera and Solar Panel:** Attach the camera and solar panel to their respective brackets.
5. **Adjust Solar Panel:** Adjust the solar panel's angle to maximize sun exposure throughout the day. Connect the solar panel's USB cable to the camera's charging port.



Image: The NETVUE camera mounted outdoors, demonstrating its IP65 weatherproof rating in a rainy environment.

5. Operation

5.1 Live View

Open the NETVUE app and select your camera from the device list to access the live video feed. You can pinch to zoom, take screenshots, or record video manually.



Image: A smartphone displaying the 1080p live feed from the NETVUE camera, showing clear detail of an outdoor scene.

5.2 Motion Detection and AI Recognition

The camera uses a PIR sensor for motion detection and advanced AI for distinguishing between humans, pets, packages, and vehicles, reducing false alarms.

- **Enable/Disable:** Navigate to camera settings in the app to enable or disable motion detection.
- **Sensitivity:** Adjust motion detection sensitivity to suit your environment.
- **Detection Zones:** Set specific areas within the camera's view for motion detection.
- **AI Recognition:** Configure AI detection preferences (e.g., only alert for humans).



Image: An illustration showing the camera's AI recognition capabilities, identifying a package, pet, human, and vehicle within its detection zone.

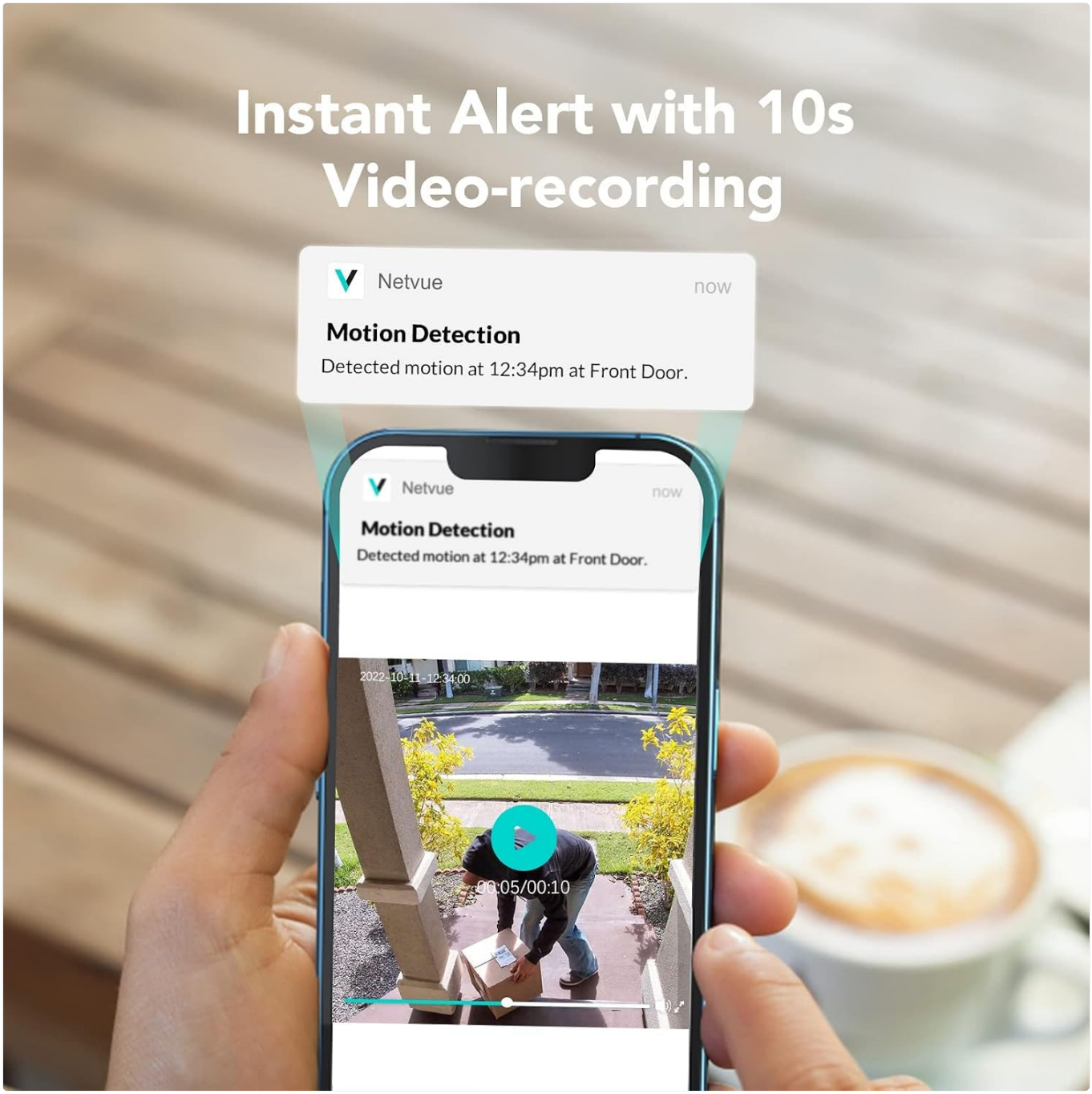

Image: A smartphone displaying an instant motion detection alert from the NETVUE app, accompanied by a 10-second video recording of the event.

5.3 Two-Way Audio

Use the two-way audio feature to communicate with visitors or deter intruders directly through the camera.

- While in live view, tap the microphone icon to speak.
- Tap the speaker icon to listen to audio from the camera's location.

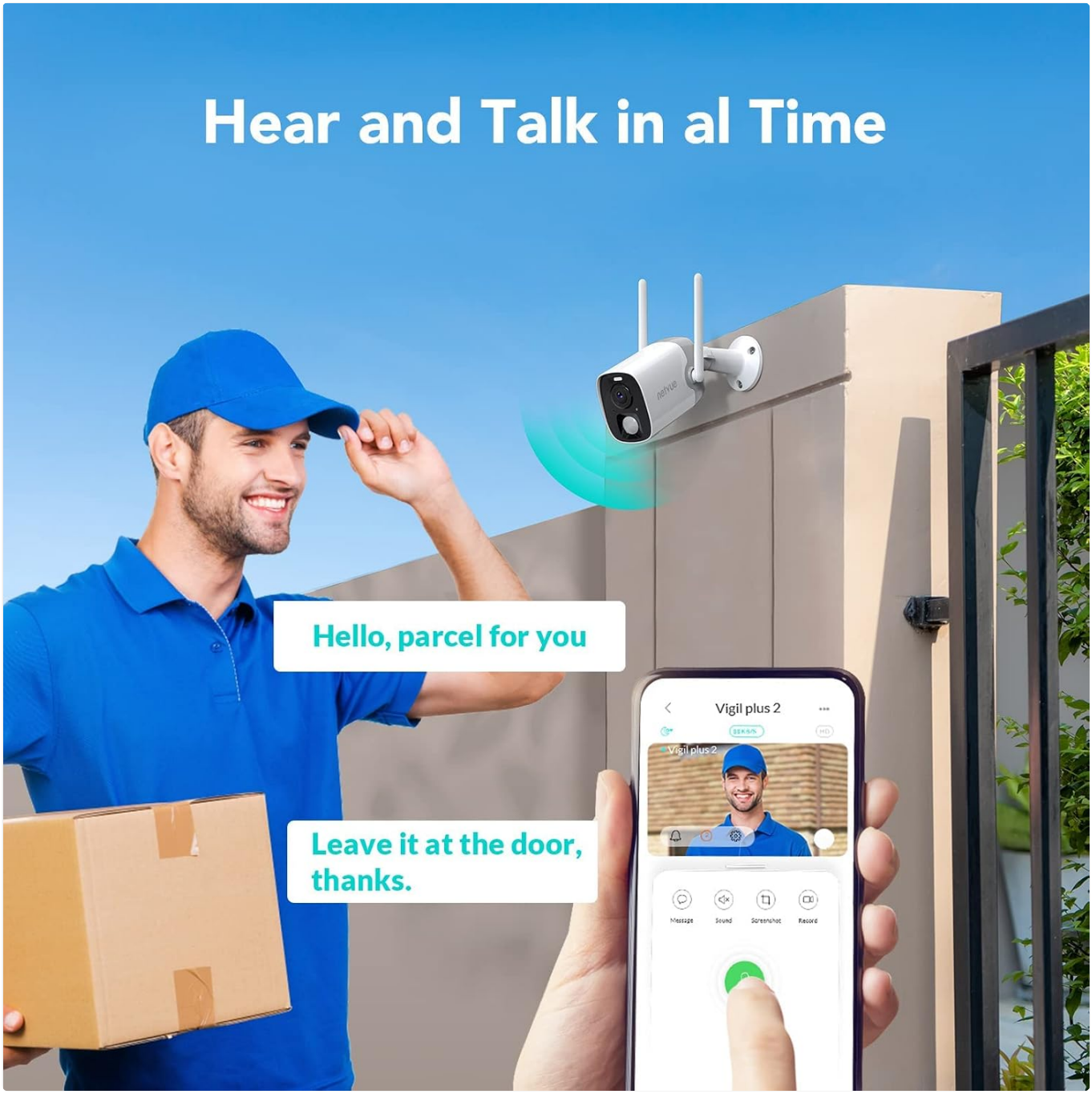

Image: A person interacting with a delivery driver via the NETVUE camera's two-way audio feature, with speech bubbles indicating conversation.

5.4 Spotlight and Siren Alarm

The integrated spotlight and siren can be activated manually or automatically upon motion detection to deter unwanted visitors.

- **Manual Activation:** Access these controls from the live view screen in the app.
- **Automatic Activation:** Configure settings in the app to trigger the spotlight and/or siren when motion is detected.

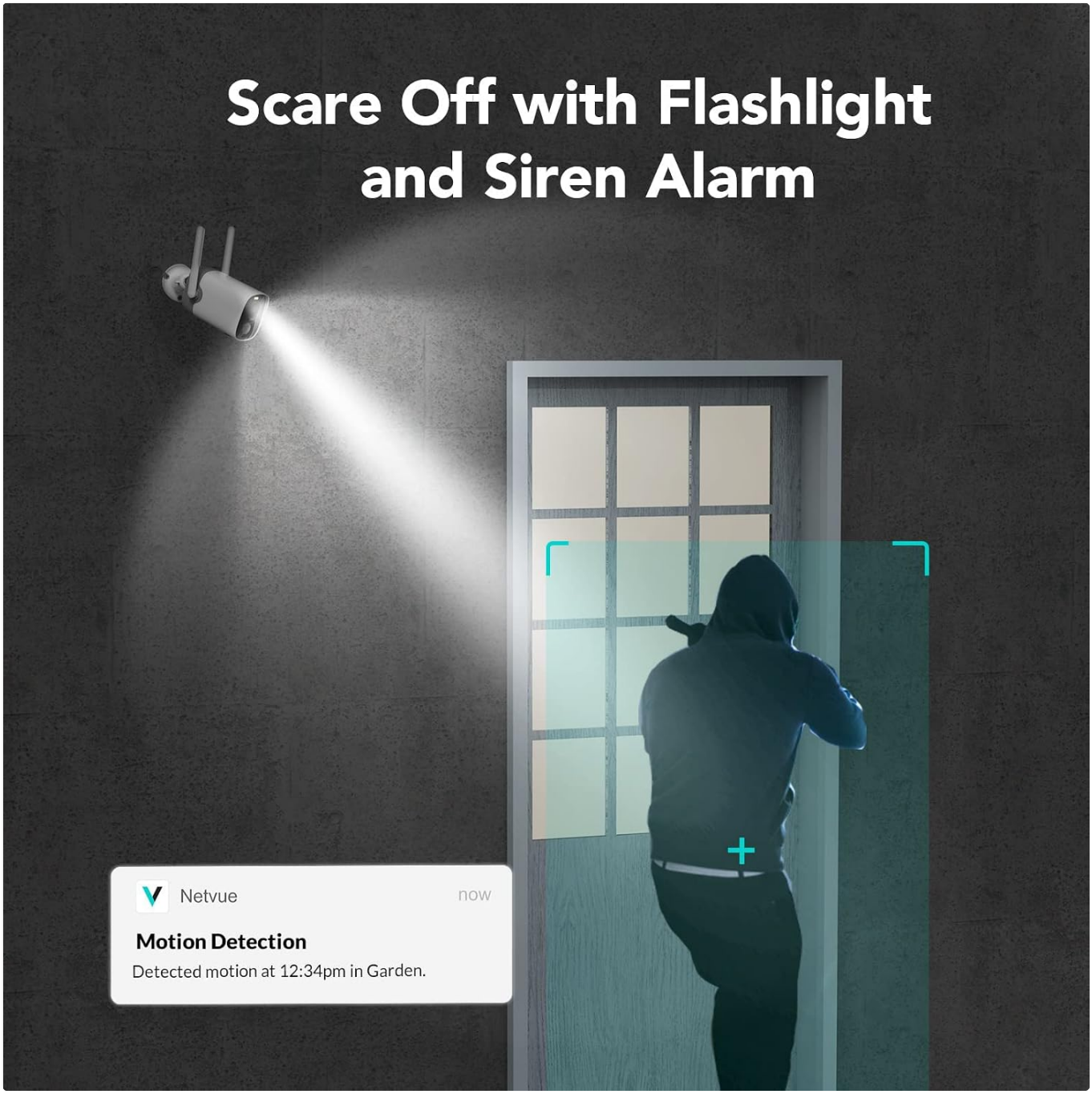

Image: The NETVUE camera's spotlight illuminating a person near a door, with a siren alarm icon and a motion detection alert on a phone screen.

5.5 Night Vision Modes

The camera supports both infrared (black and white) and color night vision.

- **Infrared Mode:** Automatically activates in low light conditions, providing clear black and white images.
- **Color Mode:** Activated by the built-in spotlight when motion is detected at night, providing full-color video.

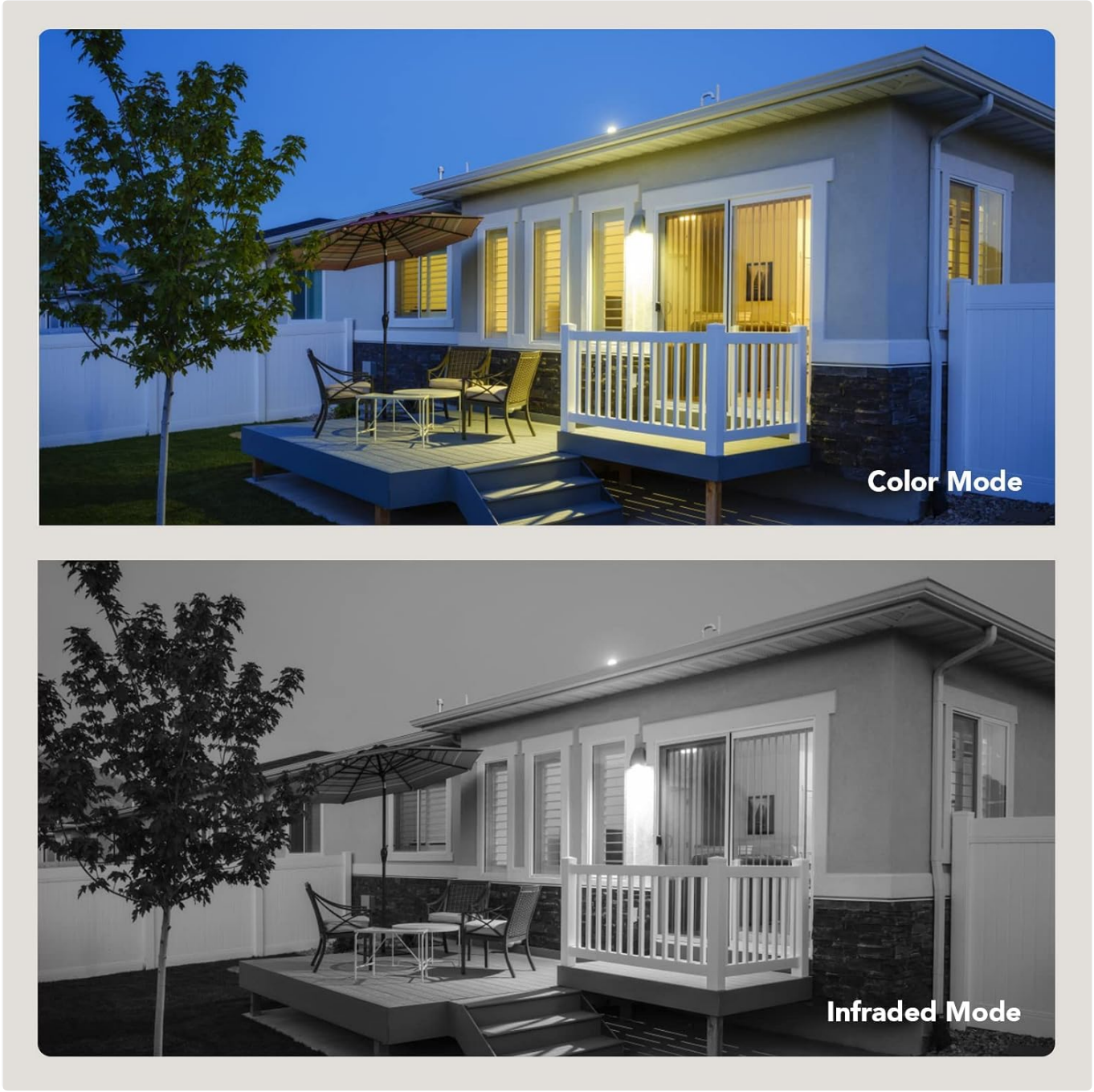

Image: A comparison showing the same outdoor scene at night, one in full color (Color Mode) and the other in black and white (Infrared Mode).

5.6 Video Storage (Cloud/SD)

Recorded videos can be stored either in the cloud (subscription required) or on a local microSD card (up to 128GB, not included).

- **Cloud Storage:** Access recorded events from anywhere via the NETVUE app. Review subscription plans within the app.
- **SD Card Storage:** Insert a formatted microSD card into the camera's SD card slot. Recordings will be saved locally.

6. Maintenance

6.1 Cleaning

Regularly clean the camera lens and solar panel surface with a soft, damp cloth to ensure optimal performance. Avoid

abrasive cleaners.

6.2 Solar Panel Efficiency

Ensure the solar panel is free from obstructions (e.g., leaves, dirt, snow) that could block sunlight. Periodically check its angle to confirm it receives maximum direct sunlight, especially during seasonal changes.

6.3 Battery Care

While the solar panel provides continuous charging, extreme temperatures can affect battery life. Avoid prolonged exposure to temperatures outside the recommended operating range (-10°C to 45°C).

7. Troubleshooting

Problem	Possible Cause	Solution
Camera offline	No power; Wi-Fi disconnected; Router issues.	Check battery level and solar panel connection. Verify Wi-Fi signal strength. Restart router and camera.
Cannot connect to Wi-Fi	Incorrect Wi-Fi password; 5GHz network selected; Weak signal.	Ensure correct 2.4GHz Wi-Fi password. Move camera closer to router. Reset camera and try pairing again.
Frequent false alarms	High motion sensitivity; Environmental factors (e.g., trees, shadows).	Reduce motion detection sensitivity in app. Configure AI recognition to filter unwanted alerts. Adjust detection zones.
Poor night vision	Dirty lens; Obstructions; Insufficient light for color mode.	Clean the camera lens. Ensure no obstructions block the view. Verify spotlight is enabled for color night vision.
Solar panel not charging	Insufficient sunlight; Dirty panel; Loose connection.	Relocate panel to receive more direct sunlight. Clean panel surface. Check USB cable connection to camera.

8. Specifications

Feature	Detail
Video Resolution	1080p
Night Vision	Color Night Vision, Infrared Night Vision
Motion Detection	AI Motion Detection (Human, Pet, Package, Vehicle recognition)
Connectivity	2.4GHz Wi-Fi (IEEE 802.11b/g/n)
Audio	Two-Way Audio
Weatherproof Rating	IP65
Storage Options	Cloud Storage, MicroSD Card (up to 128GB)
Power Source	Rechargeable Battery, USB Solar Panel
Operating Temperature	-10°C to 45°C (14°F to 113°F)

Feature	Detail
Compatible Devices	Smartphone (Android, iOS)

9. Warranty and Support

NETVUE products come with a standard manufacturer's warranty. For detailed warranty information, please refer to the warranty card included in your package or visit the official NETVUE website.
For technical support, troubleshooting assistance, or any inquiries regarding your product, please contact NETVUE customer service:

- **Website:** www.netvue.com
- **Email:** Refer to your product packaging or website for specific support email.

Please have your product model and purchase information ready when contacting support.

© 2024 NETVUE. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B0BVTZQRQ4

More documents and user manuals: **https://manuals.plus/**