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Septekon B30

Septekon 2K Wireless Outdoor Security Camera (Model B30) User Manual

Model: B30

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Septekon 2K Wireless Outdoor Security Camera (Model B30). Please read this manual thoroughly before using the product to ensure correct setup and optimal performance. Keep this manual for future reference.



Image 1.1: Septekon 2K Wireless Outdoor Security Camera with included solar panel and a smartphone displaying the live feed.

2. PRODUCT OVERVIEW

2.1 Package Contents

- Septekon 2K Wireless Outdoor Security Camera (Model B30)
- Solar Panel
- Mounting Bracket and Screws
- USB Charging Cable
- User Manual

2.2 Key Features

- **2K (3MP) Live Video:** Provides clear and detailed video footage.
- **Color Night Vision:** Equipped with floodlights and IR lights for clear color images in low light.
- **100% Wireless & Solar Powered:** Integrated 5200 mAh battery rechargeable via solar panel for continuous operation.

- **AI & PIR Motion Detection:** Intelligent detection of people, pets, packages, or cars to reduce false alarms.
- **Siren and Spotlight Alarm:** Deters intruders with an audible siren and bright spotlight.
- **Two-Way Audio:** Allows for real-time communication through the camera.
- **Multi-User Sharing:** Enables multiple users to access and share the camera feed.
- **Secure Storage:** Supports enterprise-level AES256 encryption for cloud storage and local storage via Micro SD card (up to 128GB, not included).
- **IP66 Weatherproof:** Designed for outdoor use in various weather conditions.

3. SETUP GUIDE

3.1 Initial Charging

Before first use, fully charge the camera's internal battery using the provided USB cable and a standard 5V/2A USB power adapter (not included). A full charge ensures the camera has sufficient power for initial setup and operation, especially before the solar panel can provide consistent charging.

3.2 App Installation

1. Scan the QR code provided in the quick start guide or search for the designated app (e.g., 'CloudEdge' or similar, refer to packaging) in your smartphone's app store (App Store for iOS, Google Play Store for Android).
2. Download and install the app.
3. Register a new account or log in if you already have one.

3.3 Pairing the Camera with the App

1. Ensure your smartphone is connected to a 2.4GHz Wi-Fi network. The camera does not support 5GHz Wi-Fi.
2. Open the app and tap the '+' icon to add a new device.
3. Follow the on-screen instructions to select your camera model.
4. Power on the camera. If the camera does not enter pairing mode automatically (indicated by a flashing LED), press and hold the reset button for 5 seconds until you hear a prompt or see the LED flash.
5. The app will generate a QR code. Position your phone screen approximately 15-20 cm (6-8 inches) in front of the camera lens until you hear a confirmation sound.
6. Once connected, name your camera and complete the setup process.

3.4 Mounting the Camera

Choose a mounting location that provides the desired viewing angle and ensures the solar panel receives direct sunlight for several hours daily. The camera is IP66 rated for outdoor use.

Eliminate Manual Charging Hassle-Free



Image 3.1: The Septekon camera and solar panel mounted on an exterior wall, illustrating continuous power from sunlight.

1. **Select Location:** Identify a suitable wall or surface for mounting. Ensure the camera has a clear view and the solar panel is positioned to maximize sun exposure.
2. **Drill Holes:** Use the mounting template or bracket to mark the screw positions. Drill pilot holes.
3. **Secure Bracket:** Attach the camera's mounting bracket and the solar panel's bracket to the surface using the provided screws and wall anchors.
4. **Attach Camera and Solar Panel:** Secure the camera and solar panel to their respective brackets. Adjust the angles for optimal coverage and solar charging.
5. **Connect Solar Panel:** Plug the solar panel's cable into the charging port on the camera.



Image 3.2: The camera operating reliably in rainy conditions, highlighting its IP66 waterproof design.

4. OPERATION

4.1 Live View and Recording

Open the app and select your camera to access the live video feed. From here, you can manually record video, take screenshots, and review recorded events.

4.2 Motion Detection and Alerts

The camera uses PIR (Passive Infrared) and AI-powered detection to identify motion. When motion is detected, the camera can:

- Send instant notifications to your smartphone.
- Activate the built-in spotlight.
- Trigger an audible siren.

Adjust motion sensitivity and detection zones within the app settings to minimize false alarms.

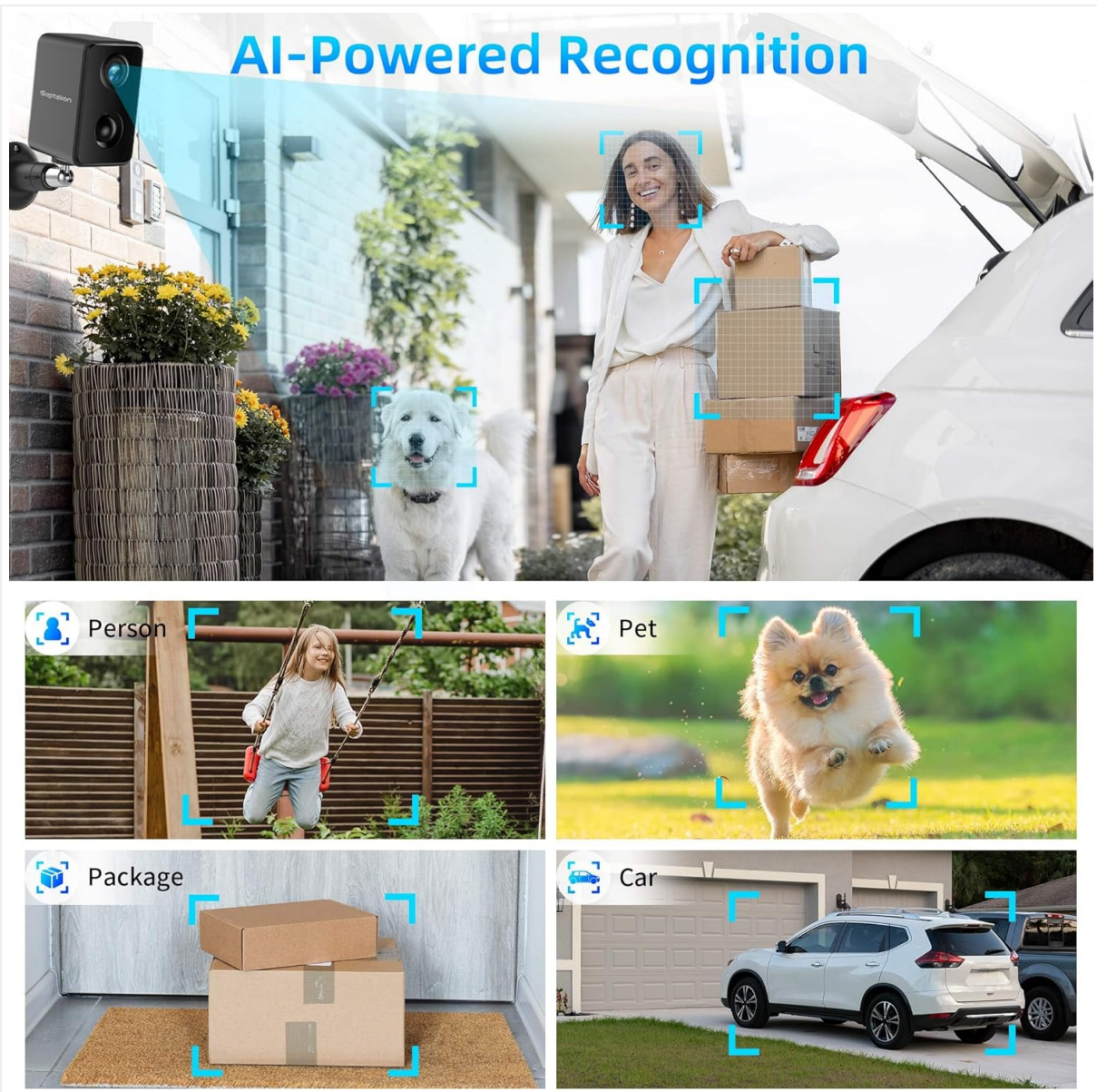


Image 4.1: Examples of AI-powered recognition distinguishing between people, pets, packages, and vehicles.



Image 4.2: The camera's motion detection system activating an alert, spotlight, and siren to deter an intruder.

4.3 Two-Way Audio Communication

Utilize the two-way audio feature to speak through the camera's speaker and listen through its microphone. This is useful for communicating with visitors or deterring unwanted guests.

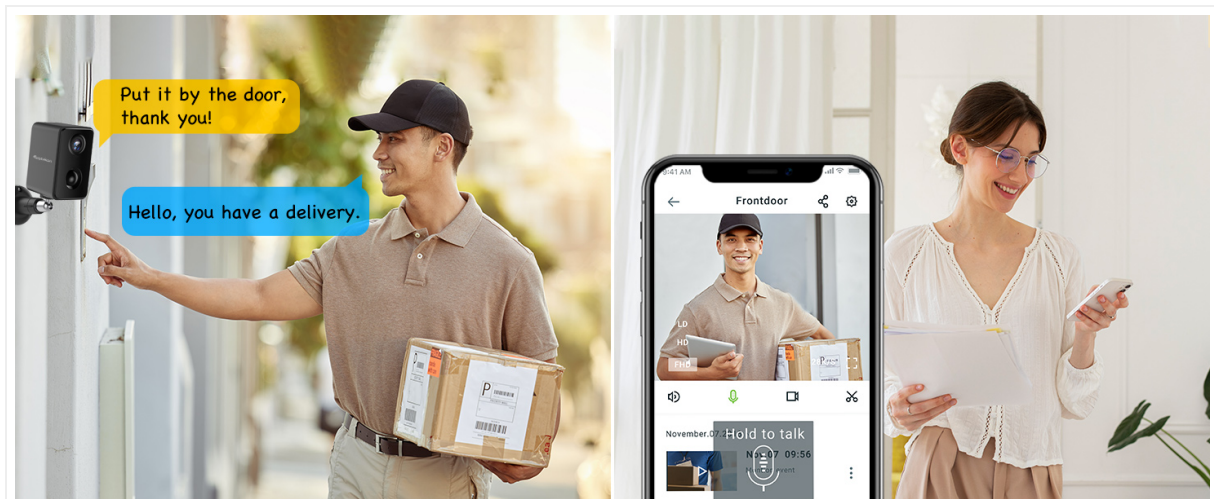


Image 4.3: Demonstrating two-way audio for interacting with a delivery person.

4.4 Night Vision Modes

The camera offers multiple night vision modes:

- **Infrared Night Vision:** Provides clear black and white video in complete darkness using IR LEDs.
- **Color Night Vision:** Activates the built-in floodlights to capture full-color video even in very low light conditions. This mode can be configured in the app settings.

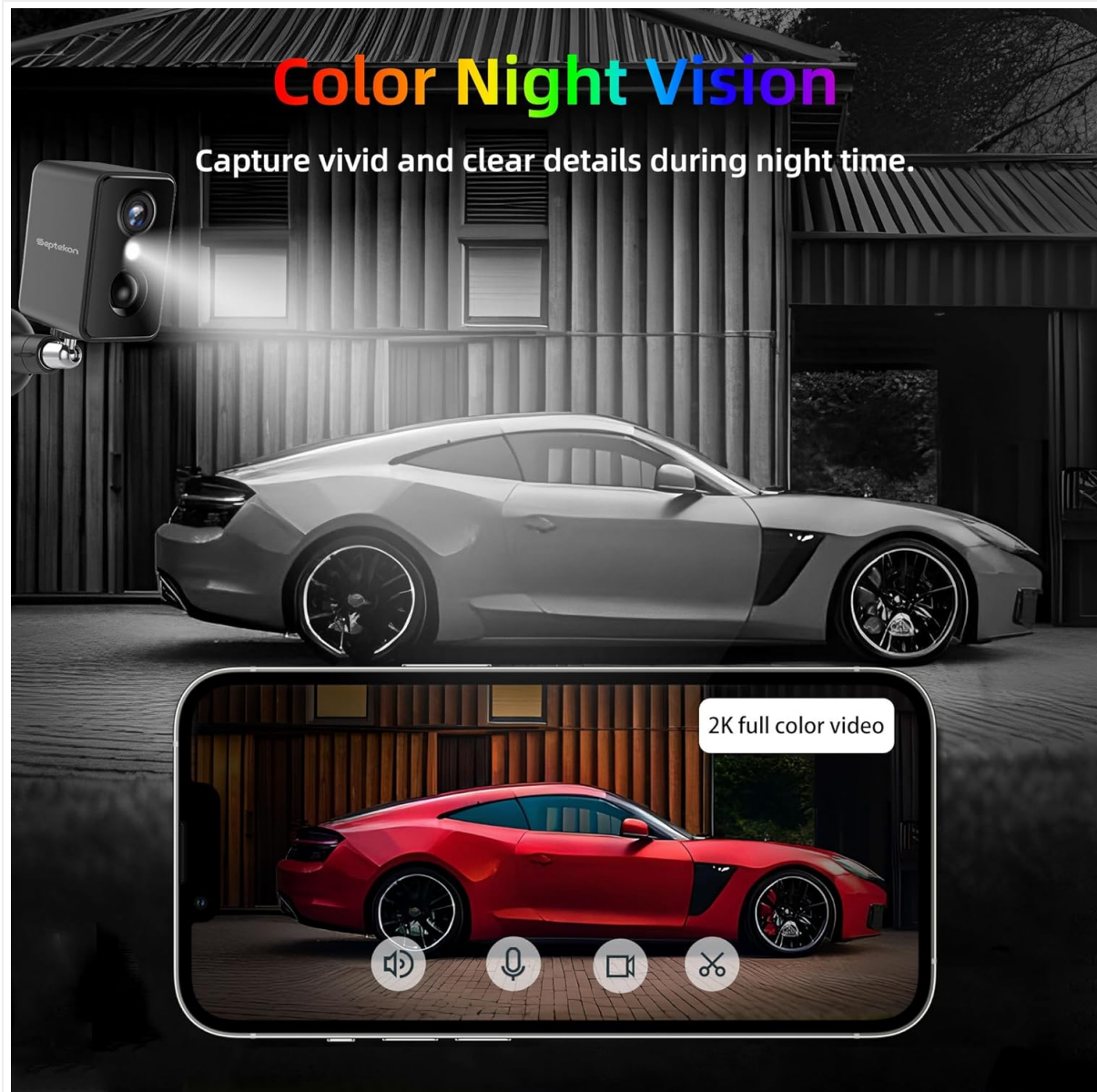


Image 4.4: The camera's color night vision capturing vivid details of a car at night.

4.5 Video Storage

Recorded footage can be stored in two ways:

- **Cloud Storage:** Securely upload recordings to the cloud. Subscription services may apply.
- **Micro SD Card:** Insert a Micro SD card (up to 128GB, not included) into the camera's designated slot for local storage.

All data transmission and cloud storage utilize AES256 encryption for enhanced security.

Encrypted Cloud & SD Card Storage

Watch, download and share
your recording anywhere, anytime.



ENCRYPTED CLOUD



SD CARD STORAGE



Image 4.5: The app interface showing recorded events and options for encrypted cloud and SD card storage.

4.6 Multi-User Sharing

You can share access to your camera's live feed and recorded events with family members or trusted individuals through the app. Each user will need their own account.



Image 4.6: The app displaying multiple camera views and device management, indicating support for multi-user access.

5. MAINTENANCE

5.1 Solar Panel Efficiency

To ensure continuous power, regularly check that the solar panel is clean and free from obstructions (e.g., leaves, dirt, snow) that could block sunlight. Periodically wipe the panel with a soft, damp cloth.

5.2 Battery Management

The camera's 5200 mAh battery is designed for long-term use with solar charging. If the camera is installed in an area with insufficient sunlight, or during prolonged periods of cloudy weather, the battery may require manual charging via the USB port.

5.3 Cleaning

Gently clean the camera lens and housing with a soft, lint-free cloth. Avoid using harsh chemicals or abrasive materials that could damage the camera's surface or lens.

6. TROUBLESHOOTING

Issue	Possible Cause	Solution
Camera not connecting to Wi-Fi	Incorrect Wi-Fi password; 5GHz Wi-Fi network; camera too far from router.	Ensure correct 2.4GHz Wi-Fi password. Move camera closer to router or use a Wi-Fi extender. Reset camera and try pairing again.
No motion detection alerts	Motion detection disabled; sensitivity too low; incorrect detection zone settings.	Check app settings to ensure motion detection is enabled and sensitivity is appropriate. Adjust detection zones.
Poor battery life/not charging	Insufficient sunlight for solar panel; dirty solar panel; faulty solar panel connection.	Ensure solar panel is in direct sunlight for several hours daily. Clean solar panel. Check cable connection. Manually charge via USB if necessary.
Blurred or unclear image	Dirty lens; protective film still on lens.	Clean the camera lens with a soft cloth. Remove any protective film.
Two-way audio not working	Microphone/speaker muted in app; app permissions.	Check app settings to ensure microphone and speaker are enabled. Grant necessary audio permissions to the app on your smartphone.

7. SPECIFICATIONS

Feature	Detail
Model Number	B30
Video Resolution	2K (3MP)
Power Source	Solar Powered, 5200 mAh Battery
Connectivity	Wi-Fi (2.4GHz only)

Feature	Detail
Night Vision Range	Up to 33 feet (10 meters)
Viewing Angle	270 Degrees (likely refers to pan/tilt capability or wide-angle lens, check product for clarity)
Weatherproof Rating	IP66
Storage Options	Cloud Storage, Micro SD Card (up to 128GB)
Audio	Two-Way Audio
Detection	PIR Motion Detection, AI Recognition (Person, Pet, Package, Car)
Alerts	App Notifications, Spotlight Warning, Siren Alarm
Dimensions	5 x 5 x 5 inches (Camera unit)
Weight	1.3 pounds (0.59 Kilograms)
Material	Plastic

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the contact details provided on the product packaging or the official Septekon website. Keep your purchase receipt as proof of purchase for warranty claims. If you encounter any issues not covered in this manual, please contact Septekon customer service for assistance.