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› eufy Security eufyCam S4 4-Cam Kit Instruction Manual

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Model: T8172

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your eufy Security eufyCam S4 4-Cam Kit. This 4K solar wireless outdoor security system features a revolutionary triple-lens design, AI facial recognition, 360° coverage, and cross-camera tracking, all managed through the HomeBase S380 with local storage.

WHAT'S IN THE BOX

- 4 × eufyCam S4 Camera
- 1 × HomeBase S380
- 4 × Solar Panel
- 4 × Rechargeable Battery
- Instruction Manual (this document)

SETUP

Initial Setup and HomeBase S380 Connection

Before mounting, ensure your HomeBase S380 is powered on and connected to your network. Download the eufy Security app and follow the on-screen instructions to add your HomeBase and cameras. The cameras must be connected to the HomeBase S380 for full functionality, including AI features and local storage.

Each camera in the eufyCam S4 kit features a triple-lens system: an upper 4K bullet lens with a 130° wide view and a lower 2K PTZ lens for tracking and zooming. This design provides comprehensive coverage from a single device.

Camera and Solar Panel Installation

The eufyCam S4 cameras are designed for 100% wire-free installation thanks to their integrated solar panels. For optimal performance, mount the cameras in a location that receives at least 1 hour of direct sunlight daily. The SolarPlus 2.0

technology ensures continuous power. The detachable design allows for versatile mounting options, either integrated with the camera or separately for better sun exposure.

Easy and Versatile Installation

Install it on the ceiling or wall. Use the detachable panel for optimal sun exposure, or keep it attached for a cleaner, low-drill setup.



Image: The eufyCam S4 camera with its solar panel, illustrating both integrated and detachable mounting configurations for flexible installation.

Installation Video Guide

Your browser does not support the video tag.

Video: Official eufyHome guide on how to set up and install your eufyCam S4. This video demonstrates the physical installation process and initial configuration steps.

OPERATING INSTRUCTIONS

Triple-Lens System and Coverage

The eufyCam S4 utilizes a unique triple-lens system. The upper 4K bullet lens provides a fixed 130° wide-angle view, capturing the overall scene. The lower 2K PTZ (Pan-Tilt-Zoom) lens offers 360° coverage, allowing for detailed tracking and zooming. This combination ensures both a broad overview and precise close-ups simultaneously.



Image: A detailed diagram illustrating the eufyCam S4's triple-lens design, highlighting the 4K bullet camera and the 2K PTZ camera with their fields of view and movement capabilities.

One Camera Does the Job of Two. Four Cover Your Entire Home.

With its dual-view design, eufyCam S4 captures two wide angles at once—so just four units cover every corner of your property, eliminating blind spots.

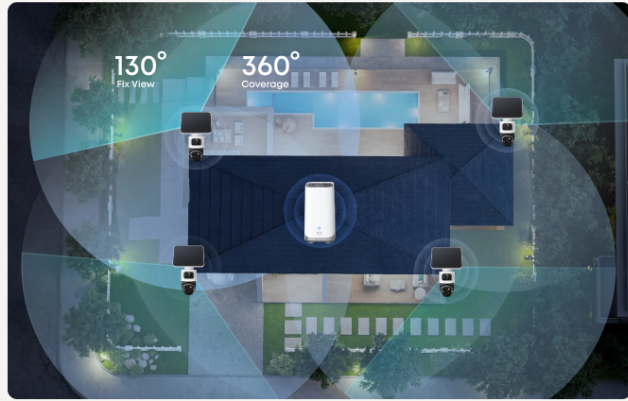


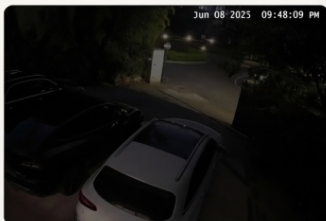
Image: An illustration demonstrating the versatile coverage provided by a single eufyCam S4, showing its ability to monitor multiple zones such as a front door, driveway, and side yard.

AI Tracking and Cross-Camera Functionality

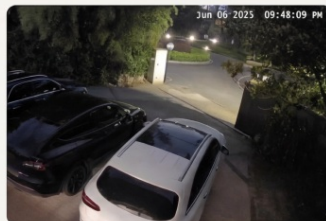
Each camera independently uses AI to detect, lock on, and auto-frame subjects, zooming in for clear details up to 164 ft (50 m) away. When linked to the HomeBase S380, the system enables Cross-Camera Tracking. This feature allows cameras to seamlessly hand off a target as it moves across different zones of your property, stitching the activity into a continuous, timestamped video.

All-Night Clarity

eufy's AI-enhanced imaging delivers crisp clear nighttime footage.



Human Vision



Starlight Color Night Vision
Full color in low light conditions.



Spotlight Color Night Vision
Clear and colorful images at night.



Infrared Night Vision
Crisp black-and-white visuals.

Image: An example of the intelligent auto-framing feature, demonstrating how the PTZ camera zooms in on single targets and frames groups to ensure all activity is captured.

Cross-Camera Tracking

With HomeBase S380, the AI identifies people and merges related clips to show you a single, easy-to-view event.



Image: An illustration demonstrating the cross-camera tracking feature, where multiple eufyCam S4 units work together to follow a subject across different areas of a property.

Your browser does not support the video tag.

Video: A short demonstration of the eufyCam S4's hybrid zoom and tracking capabilities, showing how the camera follows movement.

Night Vision Modes

The eufyCam S4 offers various night vision options for clear footage in low-light conditions:

- **Starlight Color Night Vision:** Provides full-color video in low-light environments.
- **Spotlight Color Night Vision:** Activates built-in spotlights for clear and colorful images at night.
- **Infrared Night Vision:** Delivers crisp black-and-white visuals using infrared illumination.

BionicMind™ AI Recognition

With HomeBase S380, BionicMind™ recognizes faces and detects people, vehicles, and pets.

Facial Recognition

Pet Detection

Vehicle Detection

Human Detection



Image: Visual examples comparing various night vision modes available on the eufyCam S4, including Starlight Color, Spotlight Color, and Infrared options.

Recording Modes

The eufyCam S4 supports two primary recording modes:

- **Plug-In Recording Mode:** For continuous 24/7 recording, connect the camera using the included 16 ft cable and your own 5V/2A or higher adapter.
- **Smart Snapshots Mode:** Captures periodic snapshots to monitor daily activities. This mode requires the HomeBase S380.

MAINTENANCE

Power Management

The eufyCam S4 is equipped with an ultra-large 5.5W solar panel and SolarPlus 2.0 technology. With approximately 1 hour of direct sunlight daily, the camera can operate year-round without manual recharging. The system also features a quick-swap 10,000mAh rechargeable battery for uninterrupted monitoring, allowing you to easily replace it if needed.

24/7 Coverage, Two Ways to Stay Protected

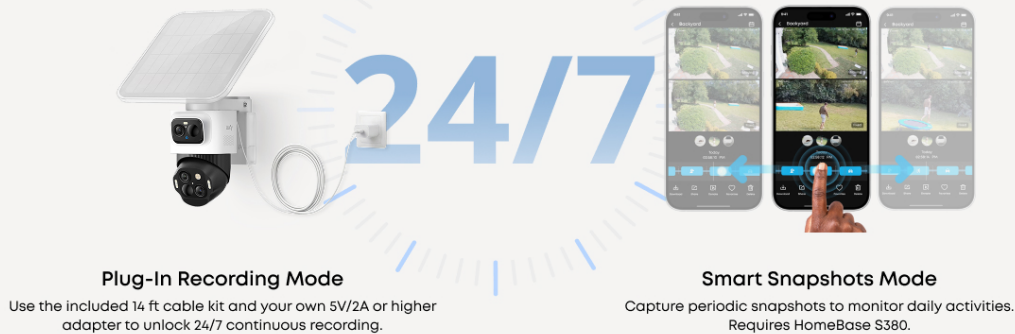


Image: The eufyCam S4 camera highlighting its solar panel and the "Forever Power with SolarPlus 2.0" feature, indicating self-sustaining power.



Image: A close-up view of the eufyCam S4 camera, illustrating its quick-swap battery design for easy replacement and continuous operation.

Durability and Weather Resistance

The eufyCam S4 is designed for outdoor use with an IP65 weatherproof rating. Its durable construction and sealed design help prevent damage from water vapor and UV exposure, ensuring reliable performance in various weather conditions.

TROUBLESHOOTING

- **Connectivity Issues:** If cameras frequently go offline or connect slowly, check for Wi-Fi congestion, especially in areas with many 2.4 GHz devices. Try adjusting your Wi-Fi router's channels if possible. Ensure the HomeBase S380 is

centrally located and within range of all cameras.

- **Condensation on Lens:** In cold and damp conditions, condensation may form on the camera lens, affecting image clarity. Ensure the camera is installed in a location with adequate ventilation and protection from extreme temperature fluctuations. If the issue persists, contact customer support.
- **App Performance:** If the eufy Security app experiences lag, slow loading of live feeds or recorded videos, or delayed notifications, ensure your app is updated to the latest version. Check your internet connection speed and stability. Restarting the app, camera, and HomeBase can often resolve minor glitches.
- **False Motion Alerts:** If you receive too many false alerts, adjust the motion detection sensitivity and activity zones within the eufy Security app. The BionicMind AI helps reduce false alarms by recognizing familiar faces and differentiating between humans, vehicles, and pets.
- **Solar Charging Inefficiency:** Ensure the solar panel receives at least 1 hour of direct sunlight daily. Clear any obstructions (leaves, dirt) from the panel surface. In prolonged overcast periods, the battery may slowly deplete; consider temporarily charging the camera via USB if needed.

SPECIFICATIONS

Feature	Detail
Model Name	eufyCam S4 4+1
Model Number	T8172
Video Capture Resolution	4K (Bullet) + Dual 2K (PTZ)
Photo Sensor Resolution	8 MP
Viewing Angle	130 Degrees (Bullet Lens)
PTZ Coverage	360° Pan, 70° Tilt
Zoom	8× Hybrid Zoom
Connectivity Technology	Ultra-stable wireless with dual antenna, Wi-Fi
Power Source	Battery Powered (SolarPlus 2.0, 5.5W Solar Panel)
Battery Capacity	44.3 Watt Hours (10,000mAh)
Storage	HomeBase S380 with 16GB built-in, expandable up to 16TB
Night Vision	Starlight Color, Spotlight Color, Infrared (Night Color)
Water Resistance Level	IP65 Weatherproof
Control Method	App (eufy Security), Amazon Alexa
Item Dimensions	32 x 10 x 8.3 inches
Item Weight	8.12 Kilograms

WARRANTY AND SUPPORT

eufy Security products are designed with reliability in mind. For specific warranty details, please refer to the warranty card

included with your product or visit the official eufy Security website. The eufyCam S4 system offers local storage via the HomeBase S380, eliminating the need for monthly subscription fees for core functionalities.

For technical assistance, troubleshooting, or further inquiries, please contact eufy Security customer support. You can find contact information on the official eufy Security website or through the eufy Security app.

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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