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## eufy Security T8170

# eufy Security SoloCam S340 User Manual

Model: T8170

## INTRODUCTION

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The eufy Security SoloCam S340 is an advanced solar-powered wireless outdoor security camera designed to provide comprehensive surveillance for your home. Featuring dual cameras for ultra-clear 3K resolution and 8x hybrid zoom, it ensures no detail is missed. With 360° pan and tilt capabilities, AI-powered tracking, and local storage, the SoloCam S340 offers robust security without the need for monthly fees. Its wire-free design and integrated solar panel allow for flexible and continuous operation.



Figure 1: eufy Security SoloCam S340 with integrated solar panel.

## 1. Initial Charging

Before initial use, fully charge the SoloCam S340. Connect the camera to a power source using the provided charging cable. A full charge typically takes 3-4 hours, but can extend up to 8 hours for the first charge.

## 2. App Download and Setup

Download the official **eufy Security** app from your device's app store (iOS or Android). Follow the on-screen instructions to create an account or log in. The app will guide you through the process of adding your new device.

## 3. HomeBase S380 Integration (Optional)

For enhanced features and expandable storage, the SoloCam S340 can be connected to a eufy HomeBase S380. Initially, connect the HomeBase to your router via an Ethernet cable. Once set up, you can switch to a Wi-Fi connection within the HomeBase settings in the app. Add the HomeBase to your app first, then proceed to add the SoloCam S340.

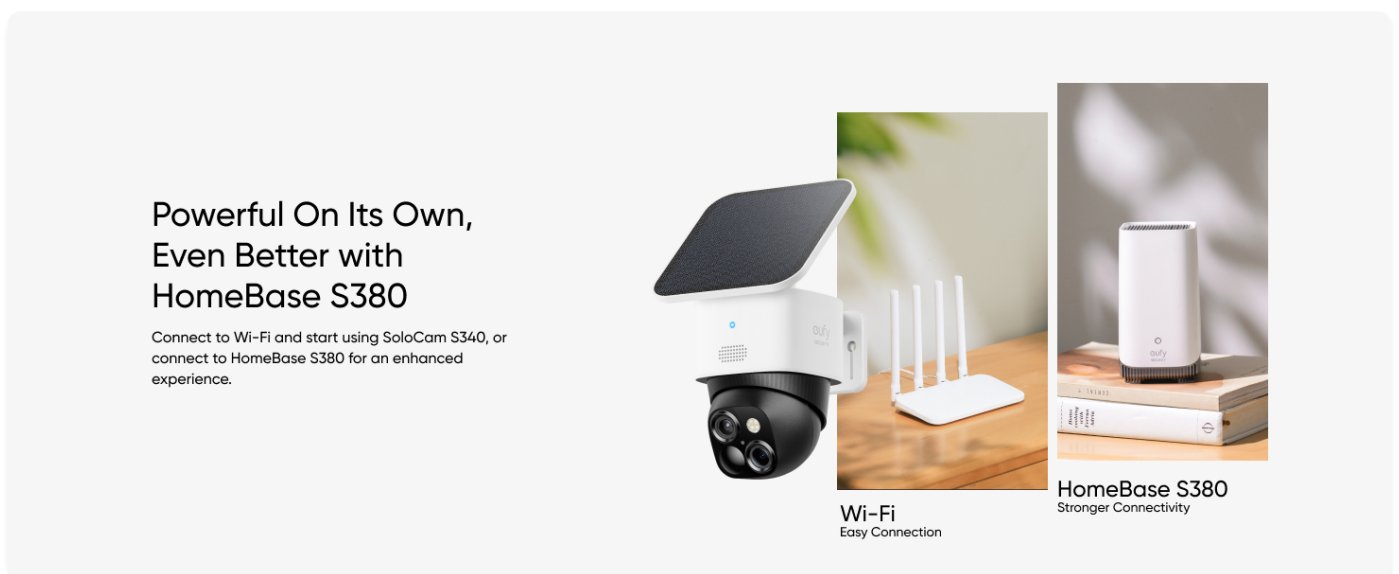


Figure 2: SoloCam S340 connectivity options with HomeBase S380.

## 4. Camera Pairing

In the eufy Security app, select 'Add Device' and choose the SoloCam S340. The app will prompt you to scan a barcode on the camera. After scanning, the app will generate a new barcode for the camera to scan, completing the pairing process.

## 5. Installation

The SoloCam S340 is designed for quick and flexible installation, typically within 5 minutes due to its compact size and wire-free nature. It can be installed vertically on a wall or horizontally on a ceiling. Ensure the removable solar panel receives adequate direct sunlight for continuous power.

## Adapt to Your Space

The camera can be installed vertically on the ceiling or horizontally on the wall with a separate solar panel for optimal power, or horizontally on the wall with an attached solar panel for minimal drilling.



Figure 3: Adaptable installation for optimal placement and solar charging.

## OPERATING INSTRUCTIONS

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### 1. Dual-Camera System and Zoom

The SoloCam S340 features a dual-camera system, providing ultra-clear 3K resolution for wide-angle views and an 8x hybrid zoom for detailed close-ups. Note that the maximum resolution will be 2K when using AI Tracking or Dual Views.

# Dual Cameras for Ultra-Clear Views at Up to 8× Zoom

## 3K

Wide-Angle Lens

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135° Field of View

f/1.6 Aperture

## 8×

Hybrid Zoom

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2K Telephoto Lens

f/1.6 Aperture



Figure 4: The dual-camera system for enhanced clarity and zoom.

## 2. 3600 Pan & Tilt Surveillance

Achieve full home coverage with the camera's 3600 pan and tilt capabilities. Use the eufy Security app to remotely adjust the camera's viewing angle, eliminating blind spots and allowing you to monitor your entire property.

# 360° Guardian Leaves No Blindspots



360°

Figure 5: 360° Pan & Tilt for comprehensive property coverage.

### 3. AI-Powered Tracking

The camera features on-device AI for automatic motion tracking. It intelligently identifies and follows subjects within its field of view, ensuring important events are captured. You can set up to 4 preset positions for quick viewing.

# Always In Focus: On-Device AI-Powered Tracking



Figure 6: AI-powered tracking keeps subjects in focus.

## 4. Night Vision and Night Guard

The f/1.6 aperture allows for 20% more light capture, providing clear details even after dark. The camera supports both color and black-and-white night modes, switching automatically based on light availability. Utilize the Night Guard feature with its integrated light and siren to deter intruders and communicate with visitors.

## Night Guard with Light and Siren

Communicate with guests, even while away. Deter intruders with a "Stay Away" message and see them react in real time.

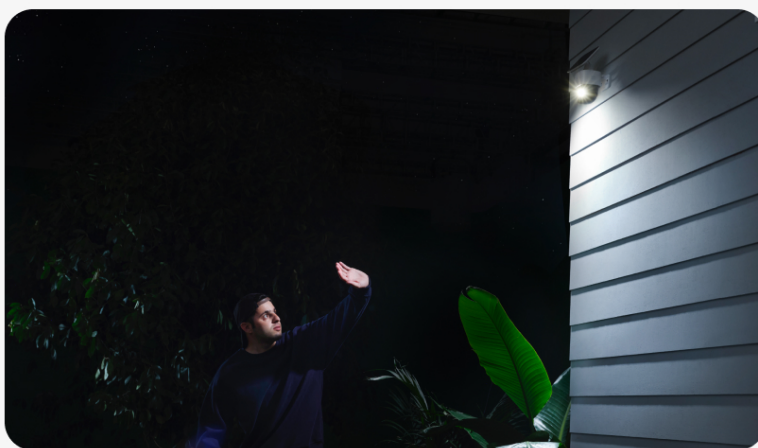


Figure 7: Night Guard feature with light and siren for enhanced security.

## 5. Two-Way Audio

Communicate directly with individuals near the camera using the two-way audio feature via the eufy Security app. While the microphone picks up sound well, ensure clear speaking and avoid holding your phone too close to your mouth for optimal clarity on the receiving end.

## Two-Way Audio

Communicate with guests, even while away. Deter intruders with a "Stay Away" message and see them react in real time.

"Time for Dinner!"

"On my way, Mom!"



Figure 8: Two-way audio for real-time communication.

## 6. Local Storage and Privacy Zones

The SoloCam S340 offers 8GB of local storage, ensuring your recordings are stored directly on the device without monthly fees. Onboard AI detects motion. You can define up to 2 activity zones to focus surveillance on critical areas and ignore activities outside these zones, enhancing privacy and reducing unnecessary alerts.

## Targeted Protection

Set up to 2 activity zones to cover your most vital areas, and ignore activities outside them.

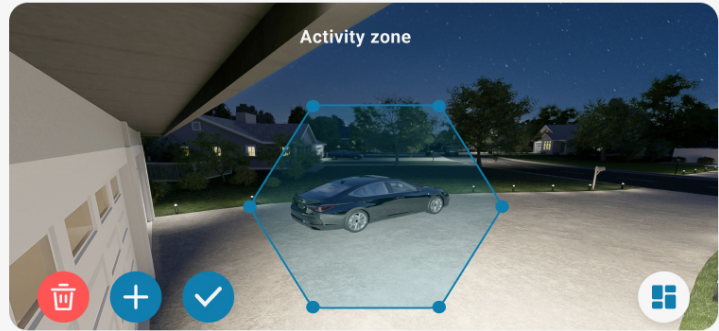


Figure 9: Setting up targeted protection with activity zones.

## 7. Voice Assistant Compatibility

The SoloCam S340 integrates seamlessly with popular voice assistants like Google Voice Assistant and Amazon Alexa, providing convenient control and accessibility.



Figure 10: Voice assistant integration for easy control.

## 8. Official Product Video

Your browser does not support the video tag.

Video 1: Official overview of the eufy Security SoloCam S340, highlighting its key features and benefits.

## MAINTENANCE

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### 1. Solar Panel Care

To ensure optimal charging efficiency, periodically clean the surface of the solar panel to remove dust, dirt, or debris that may accumulate. Use a soft, damp cloth for cleaning.

# A Single Install Lasts a Lifetime with SolarPlus™

2 Hours

of Sunshine Gives All-Day Power<sup>1</sup>

Low-Light Charging

1.5×

Improvement in Solar Charging<sup>2</sup>

Charges While Obstructed

1 With optimal sunlight, the removable solar panel can collect and store 800 to 1,200 mAh per day. SoloCam S340 uses 100 to 200 mAh over a day and night of average use.  
2 The solar panel converts up to 25% of available sunlight into energy, which is an enhancement of 51% compared to competitors, according to laboratory data.

Figure 11: The solar panel provides continuous power with minimal sunlight.

## 2. Battery Status Monitoring

Monitor the camera's battery level through the eufy Security app. The app provides a day-to-day charge level, giving you an indication of the power gained from the solar panel. While the total input display may be in beta, the daily charge percentage is a reliable indicator.

### 3. Firmware Updates

Regularly check for and install firmware updates via the eufy Security app. Updates often include performance improvements, bug fixes, and new features, ensuring your camera operates at its best.

## TROUBLESHOOTING

- **Camera Lag in Recognition:** If the camera experiences lag in recognizing subjects, adjust its angle and position to ensure the PIR sensor has a clear line of sight to the area of interest. Experiment with different default positions.
- **Tinny Speaker Sound:** When using two-way audio, speak clearly and avoid holding your phone too close to your mouth. The system operates on a talk/wait/talk/wait basis, meaning you may not hear the other person while you are speaking.
- **HomeBase Storage Issues:** If you encounter issues with an external SSD drive not functioning with the HomeBase S380, ensure the drive is properly formatted. Refer to the eufy Security app's FAQ section or online resources for recommended formatting specifications.
- **Connectivity Problems:** Ensure your Wi-Fi network is stable and the camera is within range. If connected to a HomeBase, verify the HomeBase's connection to your router. Restarting the camera and/or HomeBase can often resolve minor connectivity glitches.

## SPECIFICATIONS

Feature	Detail
Model Name	eufy Security SoloCam S340
Model Number	T8170
Indoor/Outdoor Usage	Outdoor
Power Source	Solar Powered, Battery Powered
Video Capture Resolution	3K
Optical Zoom	8x
Field Of View	135 Degrees
Battery Power	6700 Milliamp Hours
Night Vision Range	6 Meters
Connectivity Technology	Wireless (Wi-Fi, Bluetooth)
Dimensions (L x W x H)	3.42 x 3.42 x 4.72 inches
Item Weight	1.39 pounds (630 Grams)
International Protection Rating	IP65
Included Components	Stand

## WARRANTY AND SUPPORT

eufy Security is committed to providing a worry-free experience. For any questions, technical assistance, or warranty claims,

please contact our professional customer service team. You can find detailed support information and FAQs on the official eufy Security website or within the eufy Security app.

A comprehensive User Guide (PDF) is also available for download: [Download User Guide](#)