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## eufy Security T8420S

# eufy Security Floodlight Camera, 1080p

Model: T8420S

### INTRODUCTION

The eufy Security Floodlight Camera provides enhanced outdoor surveillance and lighting for your home. This device integrates a 1080p HD camera with powerful 2,500-lumen motion-activated floodlights, offering clear visibility and security day and night. It features built-in AI for human detection, real-time communication via 2-way audio, and a smart siren to deter intruders. Designed for convenience and privacy, it offers local storage without any monthly fees.

### WHAT'S IN THE BOX

- Floodlight Camera (Wired)
- Mounting Kit
- Screw Packs
- Quick Start Guide

### SETUP

#### Pre-installation Requirements

- Existing outdoor wiring and a weatherproof junction box are required for installation.
- Ensure your Wi-Fi network is 2.4GHz, as the camera only connects to 2.4GHz networks.

#### Mounting the Camera

The eufy Security Floodlight Camera is designed for hardwired installation. It can be mounted to a wall or a ceiling. The mounting bracket allows for flexible positioning of the camera and lights.



Figure 1: Hardwired Installation. Connect the camera's wires (ground, neutral, live) to your existing outdoor wiring within a weatherproof junction box.

## App Setup and Connection

1. Download the eufy Security app from your device's app store.
2. Follow the in-app instructions to add your Floodlight Camera.
3. Ensure your smartphone is connected to a 2.4GHz Wi-Fi network during the setup process.

## OPERATING THE CAMERA

### Live View and Recording

Access live 1080p HD video streams anytime through the eufy Security app. The camera records in full 1080p HD, ensuring clear footage of detected events.



Figure 2: Stream in Full HD. The eufy Security camera provides crisp 1080p video, allowing for clear identification of details like license plates.

### Motion Detection and Alerts

The built-in AI detects human motion, sending instant alerts to your smartphone. You can customize activity zones and adjust sensitivity levels within the app to minimize false alarms.

### Motion-Activated Floodlights

The 2,500-lumen super-bright floodlights activate upon motion detection, illuminating the area and deterring intruders. This also enables detailed, full-color recordings even at night.

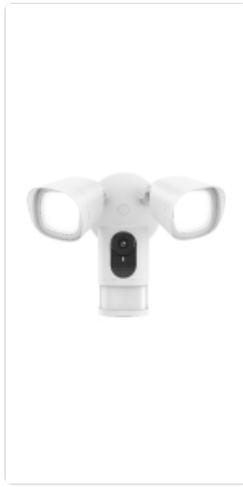


Figure 3: Motion Activated Brightness. The floodlights automatically adjust brightness based on detected motion.



Figure 4: Full-Color Recordings Even at Night. The powerful floodlights enable the camera to capture events in full color after dark.

### Smart Siren

A high-volume alarm can be triggered manually or automatically to scare off unwanted visitors. Note: This feature is not compatible with HomeBase.



Figure 5: A Harsh Warning to Unwanted Guests. The smart siren provides an audible deterrent.

## 2-Way Audio

Communicate with visitors or deter intruders using the built-in 2-way audio feature directly from your smartphone.

## Local Storage

The camera stores recordings locally, eliminating the need for cloud subscriptions and associated monthly fees. This ensures your data remains private and secure.



Figure 6: Free Secure Local Storage. All recordings are stored directly on the device.

## Smart Home Integration

The eufy Security Floodlight Camera is compatible with Amazon Alexa, allowing for voice control of certain functions.

## MAINTENANCE

### Weather Resistance

The camera is weatherproof with an IP65 rating, designed to withstand various outdoor conditions.



Figure 7: Weatherproof Design. The camera is built to endure outdoor elements.

### Cleaning

Periodically clean the camera lens and floodlight surfaces with a soft, damp cloth to ensure optimal performance and image clarity. Avoid using harsh chemicals.

## TROUBLESHOOTING

- **Connectivity Issues:** Ensure your Wi-Fi network is 2.4GHz. The camera does not support 5GHz networks.
- **Siren Compatibility:** The smart siren feature is not compatible with eufy HomeBase devices.
- **Excessive Motion Alerts:** Adjust the motion detection sensitivity and configure activity zones within the eufy Security app to reduce unwanted notifications.
- **Poor Night Vision:** Ensure the floodlights are clean and unobstructed. Check app settings for full-color night recording options.

## SPECIFICATIONS

Feature	Detail
Model Number	T8420S
Indoor/Outdoor Usage	Outdoor
Video Capture Resolution	1080 Pixels (Effective), 2K (Marketing)
Lumen Output	2500 Lumens
Power Source	Corded Electric
Connectivity Protocol	Wi-Fi (2.4GHz only)
Compatible Devices	Alexa, Google Assistant
Mounting Type	Wall Mount
Water Resistance Level	IP65 (Waterproof)
Item Weight	3.02 pounds
Product Dimensions	7.09 x 7.87 x 12.2 inches
Material	Plastic
Control Method	App

## WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please refer to the official eufy Security website or contact their customer service directly. Details can typically be found in the Quick Start Guide included with your product.

