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> eufy Security Floodlight Cam 2, 2K, Built-in AI, 2-Way Audios, 2,500-Lumen Brightness, Weatherproof, HomeBase 3 Compatible (Existing Outdoor Wiring and Junction Box Required) (Renewed) User Manual

eufy Security T8424S

eufy Security Floodlight Cam 2 User Manual

Model: T8424S

1. INTRODUCTION

The eufy Security Floodlight Cam 2 is an advanced outdoor security solution designed to provide comprehensive surveillance and illumination. Featuring 2K resolution, built-in AI for intelligent detection, two-way audio communication, and powerful 2,500-lumen floodlights, this device enhances the security of your property. It is weatherproof and compatible with eufy HomeBase 3, offering robust performance for various outdoor environments.

2. WHAT'S IN THE BOX

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

3. SETUP

Installation of the eufy Security Floodlight Cam 2 requires existing outdoor wiring and a junction box. Please ensure power is disconnected before beginning installation.



Figure 3.1: Front view of the eufy Security Floodlight Cam 2.

To complete the setup process, download the eufy Security app on your smartphone. Follow the in-app instructions to connect your Floodlight Cam 2 to your Wi-Fi network. Note that the device only supports 2.4GHz Wi-Fi.

AI Human Detection

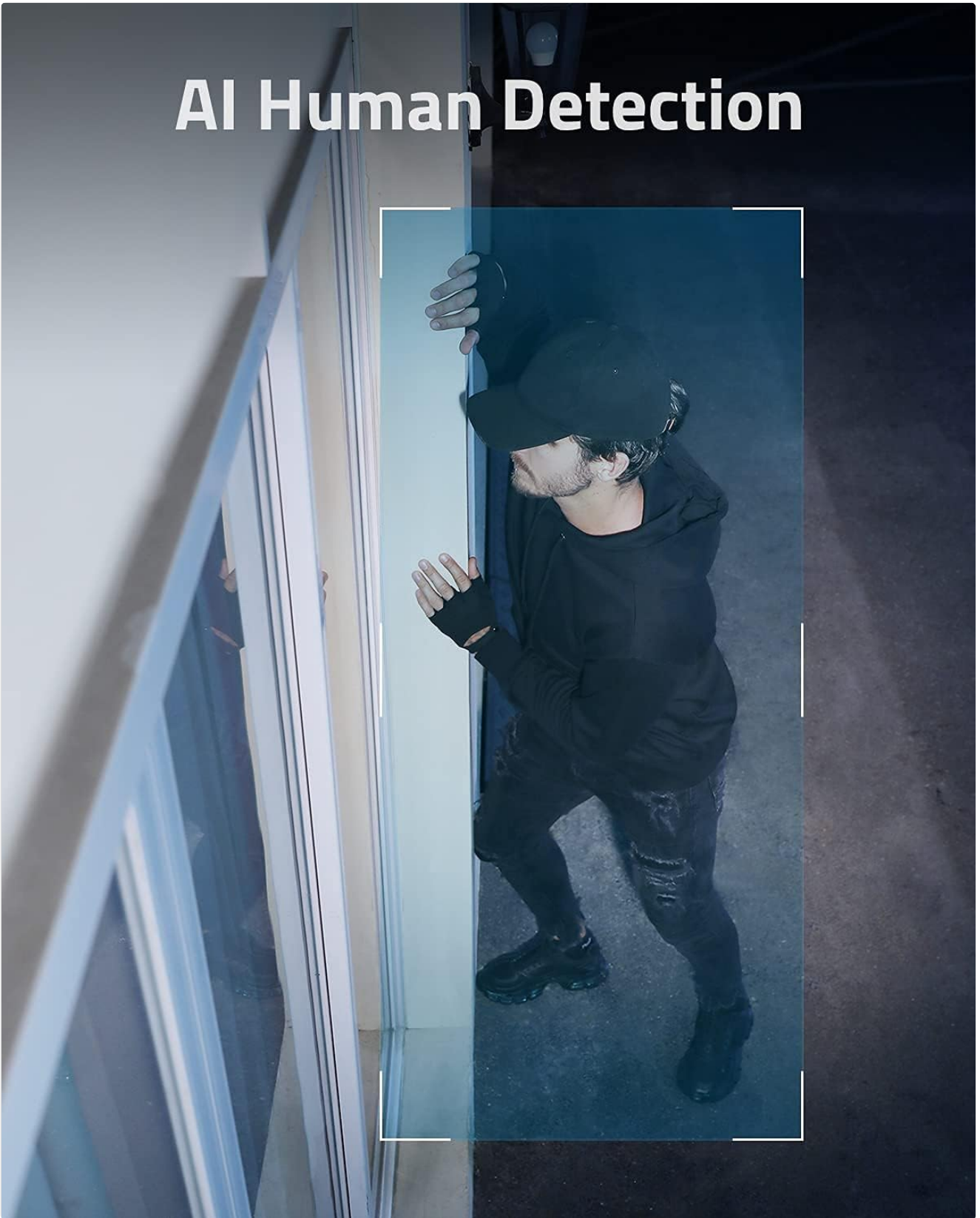


Figure 3.2: The Floodlight Cam 2 installed, showing its two adjustable lights and central camera unit.

4. OPERATING THE FLOODLIGHT CAM 2

4.1 Live Stream and Recording

The Floodlight Cam 2 allows you to live-stream and record in full 2K HD resolution, providing clear and detailed visuals of your monitored area.

2K Resolution



Figure 4.1: Demonstrates the 2K resolution, capable of capturing fine details such as license plate numbers.

4.2 Floodlight Functionality

Equipped with 2,500-lumen super-bright motion-activated floodlights, the camera deters intruders and ensures detailed, full-color recordings even at night. The lights automatically activate when motion is detected.

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Night Has Never Been Brighter

Figure 4.2: The floodlight cam actively illuminating a dark outdoor space, demonstrating its night vision capabilities.

Full-Color Night View



Figure 4.3: An example of the full-color night view, providing clear and vibrant images even in low-light conditions.

4.3 AI Human Detection and Smart Siren

The built-in AI intelligently detects human motion, reducing false alarms. A high-volume alarm can be triggered automatically or manually to scare off unwanted visitors.

Free & Local Storage

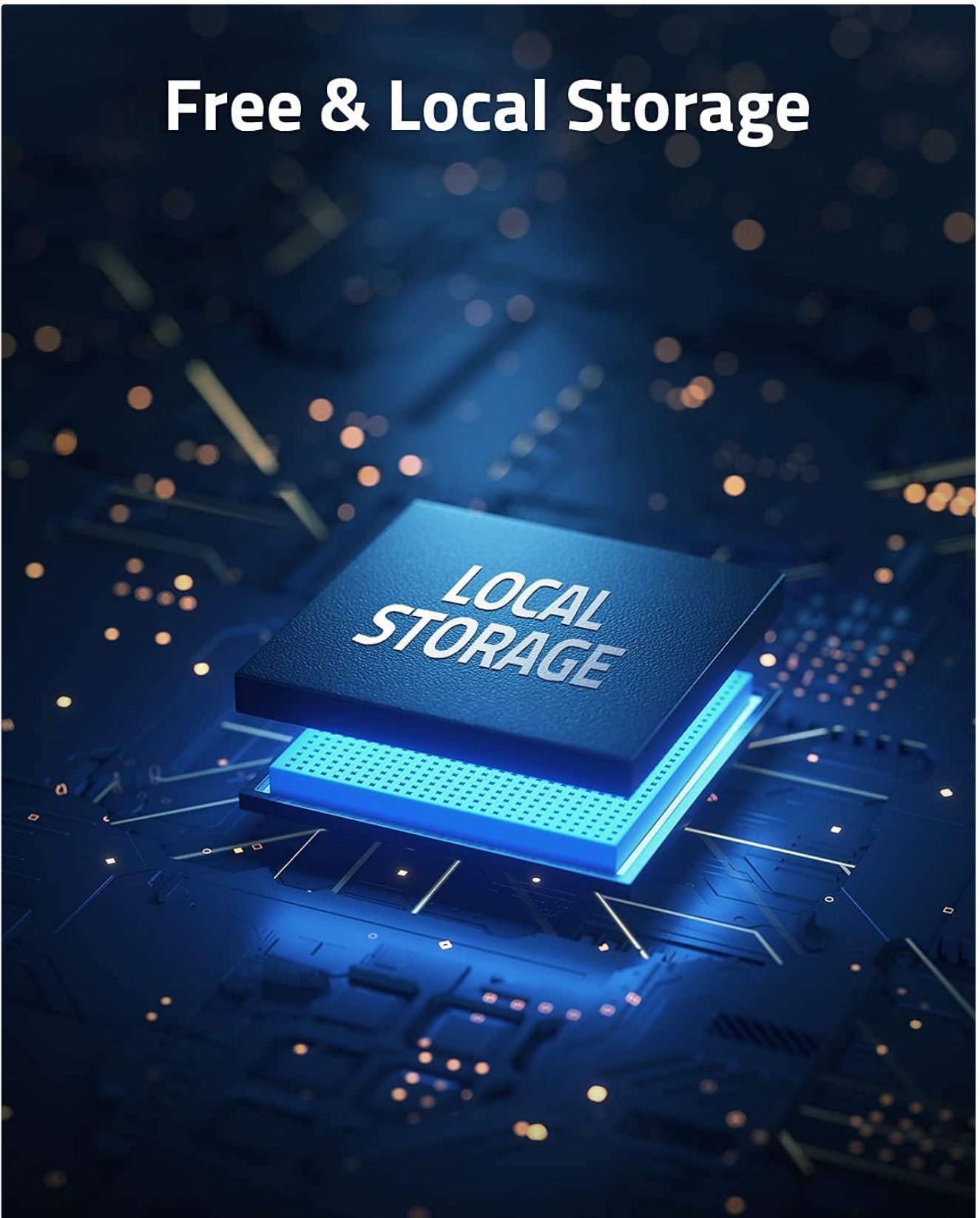


Figure 4.4: The AI Human Detection feature actively identifying and highlighting a person within the camera's field of view.

4.4 Local Storage

The Floodlight Cam 2 includes 4GB of built-in local storage for motion-triggered recordings, eliminating the need for monthly subscription fees. This capacity can store approximately 16 days of footage, assuming 30 video clips per day, each 1 minute in length.

Motion Activated Brightness



No Motion



 Motion Detected

Figure 4.5: An illustration representing the integrated local storage capability of the device.

4.5 Voice Control and Compatibility

The Floodlight Cam 2 supports integration with Amazon Alexa and Google Assistant, allowing for convenient voice control and monitoring of your outdoor space.

5. MAINTENANCE

The eufy Security Floodlight Cam 2 is designed with a weatherproof (IP65) rating, ensuring its durability and continued operation in various outdoor conditions. Regular cleaning of the lens and floodlight surfaces with a soft,

damp cloth is recommended to maintain optimal performance and image clarity.

6. TROUBLESHOOTING AND FAQs

- **Can the floodlight camera record 24x7?**

No. The floodlight camera records motion-activated events. It has a longer detection range and supports a 10-second pre-buffer to ensure complete events are recorded.

- **How does the 10s pre-buffer work?**

The floodlight camera stores a rolling 10 seconds of footage. When it detects an event, it starts recording and adds the previous 10 seconds to the beginning of the video.

- **Does the floodlight camera support activity zones?**

Yes, the floodlight camera supports up to 2 activity zones. Users can set activity zones to exclude unnecessary event alerts or recording unnecessary footage.

- **Does Floodlight Camera connect to eufyCam HomeBase?**

Yes, Floodlight Cam 2 is compatible with eufy HomeBase 3.

- **Does the floodlight camera support Amazon Alexa and the Google Assistant?**

Yes, the floodlight camera supports Amazon Alexa and the Google Assistant.

- **What's the capacity of the internal storage? Can I upgrade it?**

The floodlight camera has 4GB local storage built-in for motion-triggered recordings. In the scenario of 30 video clips per day, 1 minute length per recording, the 4GB eMMC can store about 16 days of footage. The internal storage is not upgradeable.

- **How to connect eufy Floodlight Cam 2 to Wi-Fi?**

Select eufy Floodlight Cam 2 through the eufy app, then follow the instructions to complete the setup. Please note that it only supports 2.4GHz Wi-Fi.

- **Video Quality and Frame Rate:**

The eufy Floodlight Cam 2 records in 2K resolution at 15 frames per second (FPS). This provides higher detail compared to some other cameras that might record at 1080p but at a higher frame rate (e.g., 30 FPS). The choice between higher resolution and higher frame rate depends on specific surveillance needs.

7. SPECIFICATIONS

Brand	eufy Security
Model Name	T8424121
Item Model Number	T8424S
Color	White
Material	Metal
Product Dimensions	12.2"L x 7.87"W x 7.09"H
Item Weight	5.1 Pounds
Indoor/Outdoor Usage	Outdoor
Power Source	Corded Electric
Special Feature	Motion Sensor

Control Method	Voice (Amazon Alexa, Google Assistant)
Light Source Type	LED
Brightness	2500 lumen
Water Resistance Level	Water Resistant (IP65)
Connectivity Protocol	Wi-Fi (2.4GHz only)

8. WARRANTY AND SUPPORT

The eufy Security Floodlight Cam 2 comes with a **90 days limited warranty**. For technical support, troubleshooting assistance, or warranty claims, please refer to the contact information provided in your Quick Start Guide or visit the official eufy Security website.