

TANBABY FL101A

TANBABY FL101A Wireless Motion Sensor Outdoor Light User Manual

Model: FL101A

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1. INTRODUCTION

The TANBABY FL101A is a versatile 12000mAh wireless motion sensor outdoor light designed for various outdoor and indoor applications. It features a large rechargeable battery, multiple lighting modes, adjustable color temperatures, and a waterproof design, making it suitable for porches, garages, fences, and emergency use. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance.

2. PACKAGE CONTENTS

Please check the box for the following items:

- TANBABY FL101A Motion Sensor Light
- Remote Control
- Mounting Hardware (screws and anchors)
- USB-C Charging Cable
- Instruction Manual

3. SETUP AND INSTALLATION

The TANBABY FL101A light is designed for easy, wire-free installation. It can be mounted in minutes without the need for an electrician.

3.1 Initial Activation and Charging

Before first use, activate the lamp by long-pressing the power button for 3 seconds. It is recommended to fully

charge the device using the provided USB-C cable. A full charge takes approximately 6 hours.



Image: The TANBABY FL101A light connected to a USB-C cable for charging. A red indicator light signifies charging, while a green light indicates a full charge. The image highlights the 12000mAh battery capacity and estimated usage times for motion sensor and always-on modes.

3.2 Mounting the Light

The light features a fixed base and an adjustable bracket for flexible positioning. The light unit is detachable from the bracket for convenient charging.

1. **Choose a Location:** Select a desired location for installation. The light is IP65 waterproof, allowing for outdoor placement in various weather conditions.
2. **Install the Base:** Use the provided mounting hardware (screws and anchors) to securely attach the fixed base to the wall or desired surface.
3. **Attach the Light:** Slide the light unit onto the adjustable bracket, ensuring it clicks securely into place.
4. **Adjust the Angle:** Utilize the adjustable bracket to position the light at the optimal angle for illumination. Align the gears for a secure, non-slip fit.



Image: A visual guide demonstrating the simple, three-step installation process: drilling and mounting the base, installing the light onto the bracket, and adjusting the light to the desired angle. This highlights the 'Effortless Mount, Renter Friendly' aspect.

Flexible Lighting Angle

Direct Light Exactly Where You Need It



240° Vertical Adjustment



160° Horizontal Adjustment

Image: A diagram illustrating the flexible adjustment capabilities of the light, showing 240° vertical and 160° horizontal adjustment for precise light direction.

4. OPERATING INSTRUCTIONS

The TANBABY FL101A offers multiple operating modes and customizable settings via the integrated buttons or the included remote control.

4.1 Control Buttons

The light unit has physical buttons for basic control:

- **Power Button:** Long press for 3 seconds to turn ON/OFF.
- **Mode Select Button:** Short press to cycle through lighting modes (Always-on, Auto, Security).
- **Color Temperature Button:** Short press to adjust color temperature (3000K, 4000K, 6500K).
- **Dimming:** Long press the color temperature button for stepless dimming.

4.2 Remote Control Functions

The remote control provides convenient access to all light settings. Ensure the light is manually turned on before using the remote.

- **ON/OFF:** Turns the light on or off.
- **Brightness Adjustment:** Increase or decrease light intensity.
- **Mode Selection:** Dedicated buttons for 'Always-on', 'Auto', and 'Security' modes.
- **Color Temperature:** Buttons for 3000K (Warm White), 4000K (Natural White), and 6500K (Cool White).

4.3 Lighting Modes

- **Always-on Mode:** Provides continuous illumination at your selected brightness and color temperature. Ideal for ambient lighting on porches or patios.

Always-On Mode

Non-Stop Light for Any Occasion



Image: The TANBABY FL101A light providing continuous illumination in Always-on Mode, showcasing different color temperatures (3000K, 4000K, 6500K) and dimming levels (10%, 50%, 100%) for various scenarios.

- **Auto Mode:** The PIR motion sensor detects movement within a 120° wide-angle and 16.5ft range, automatically turning on the light. The light turns off after 20 seconds of no motion. This mode is energy-efficient for pathways and entryways.



Image: The TANBABY FL101A light automatically illuminating a pathway as a person walks by, demonstrating its 120° wide-angle and 16.5ft sensing distance in Auto Mode.

- **Security Mode:** When motion is detected, the light activates with a red flashing alert to deter unwanted visitors, enhancing home security.

Red Light Flashes for 20 Seconds After Activation



Security Mode

Protecting Your Home, Day and Night

24/7 Red flash when motion is detected

Image: The TANBABY FL101A light in Security Mode, emitting a red flashing light to deter potential intruders, with a raccoon shown near a garage door.

4.4 Multi-Scene Use

The detachable design allows the light to be used as a portable lantern for camping, hiking, or during power outages.

Multi-Scene Use

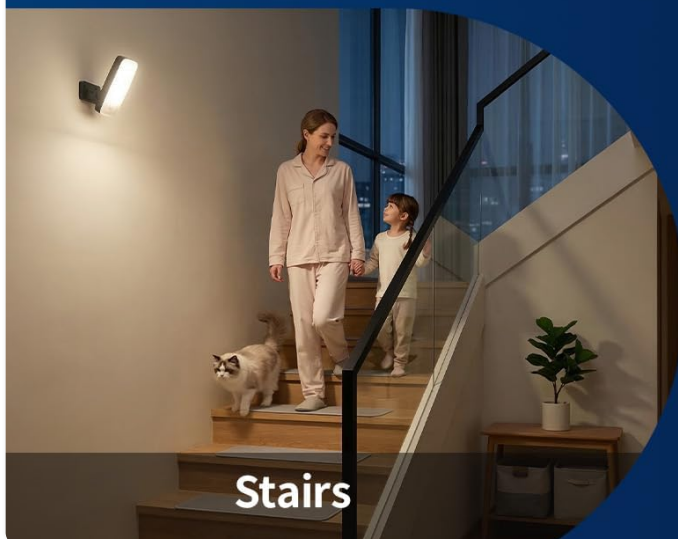


Image: A collage illustrating the versatile applications of the TANBABY FL101A light, including use in a backyard, on a farm, for camping, and illuminating stairs.

5. MAINTENANCE

5.1 Charging

The light is powered by a 12000mAh rechargeable battery. When the battery is low, the indicator light will signal the need for charging. Detach the light unit from its mounting bracket and connect it to a USB-C power source using the provided cable. A full charge takes approximately 6 hours.

5.2 Cleaning

Wipe the light's surface with a soft, damp cloth. Avoid using abrasive cleaners or solvents that may damage the finish or electronic components.

6. TROUBLESHOOTING

- **Light not turning on:** Ensure the light is charged. Long-press the power button for 3 seconds to activate it.
- **Motion sensor not working:** Check if the light is in 'Auto' or 'Security' mode. Ensure there are no obstructions blocking the sensor. The detection range is up to 16.5ft.
- **Remote control not responding:** Ensure the light is manually turned on first. Check the remote control's battery. Point the remote directly at the light's sensor.
- **Light not staying on long enough:** In 'Auto' or 'Security' mode, the light is designed to turn off after a period of no motion. For continuous light, select 'Always-on' mode.

7. SPECIFICATIONS

Feature	Detail
Brand	TANBABY
Model Number	FL101A
Battery Capacity	12000mAh
Power Source	Battery Powered
Charging Time	Approx. 6 hours (via USB-C)
Motion Sensor Range	120° wide-angle, 16.5ft detection
Color Temperatures	3000K, 4000K, 6500K
Brightness	Up to 600 Lumens
Water Resistance	IP65 Waterproof
Control Method	Push Button, Remote Control
Dimensions (L x W x H)	3.5" x 1.9" x 7.5"
Material	Acrylonitrile Butadiene Styrene, Polycarbonate

8. WARRANTY & SUPPORT

8.1 Manufacturer Warranty

The TANBABY FL101A comes with a 1-year limited manufacturer's warranty. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For any questions, issues, or support needs, please contact TANBABY customer service. They offer 24/7 professional support to assist you.

Video: An official product video from the seller, 'yanchuangltd', demonstrating the features and use of the Wireless Rechargeable Motion Sensor Outdoor Lights for Wall. This video provides a visual overview of the product's functionality and benefits.

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