Ensenior AQ2-11I-65K-02-BL-4T-ZY-M01

Ensenior Solar Security Light User Manual (Model AQ2-11I-65K-02-BL-4T-ZY-M01)

Comprehensive instructions for setup, operation, and maintenance.

INTRODUCTION

Thank you for choosing the Ensenior Solar Security Light. This manual provides detailed instructions for the safe and efficient use of your new solar-powered outdoor lighting system. Please read this manual thoroughly before installation and operation, and retain it for future reference.

Image: Two Ensenior Solar Security Lights and their remote control, showcasing the product packaging and contents.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Solar Motion Sensor Lights x 2
- Remote Control x 1
- User Manual x 1
- Mounting Screws x 2 (for each lamp)
- Wall Plugs x 2 (for each lamp)

4 Motion Modes
4 HEAD SOLAR FLOOD LIGHTS
Outdoor

No darkness but more security in your home

6-8 hrs Fast Charging | **6500** K Daylight White | **1800** mAh Durable Battery | **IP65** Waterproof | **Remote Control**
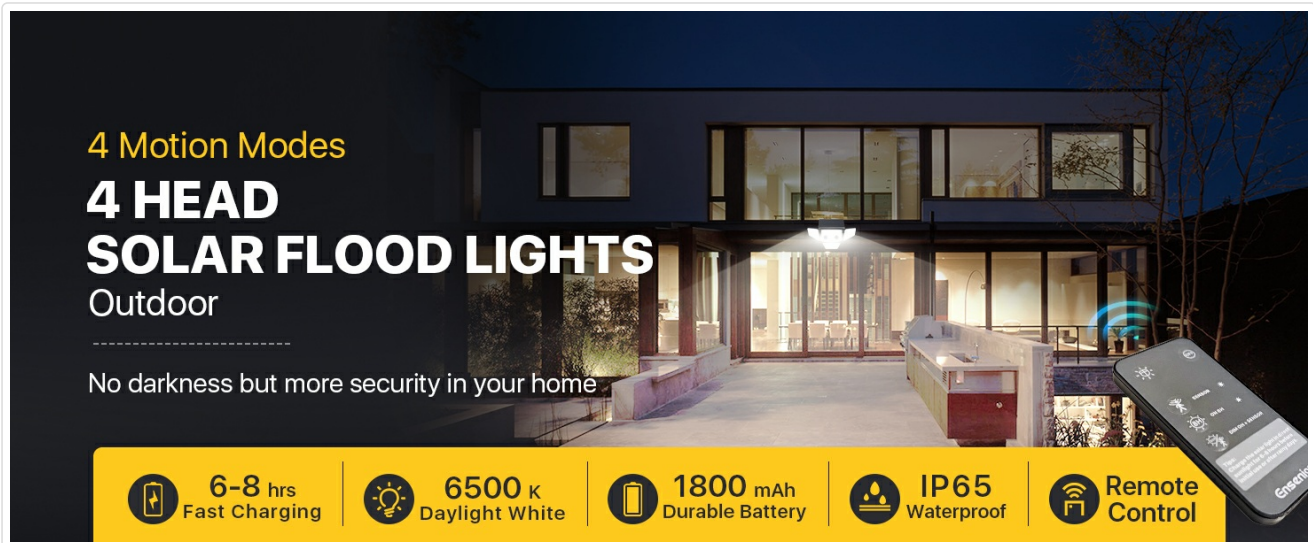
Image: A visual representation of the package contents, including two solar lights, a remote control, a user manual, mounting screws, and wall plugs.

SETUP AND INSTALLATION

Before initial use, ensure the solar light is charged in direct sunlight for 6-8 hours. If the battery is depleted, it is advisable to charge for 2-3 days to reset the desired mode. The recommended installation height is 8.2 feet, with solar panels facing direct sunlight without obstacles.

1. **Select Location:** Choose an outdoor location that receives ample direct sunlight throughout the day for optimal charging.
2. **Drill Holes:** Drill two holes in the wall at the desired installation height.
3. **Insert Wall Plugs:** Insert the provided wall plugs into the drilled holes.
4. **Attach Bracket:** Remove the knob from the bracket. Insert the screws to fix the bracket securely to the wall.
5. **Mount Light:** Tighten the knob to mount the solar light onto the bracket.
6. **Adjust Panels:** Adjust the solar panel and light heads to achieve the best angle for sunlight exposure and illumination coverage. The light heads are adjustable up to 90 degrees.
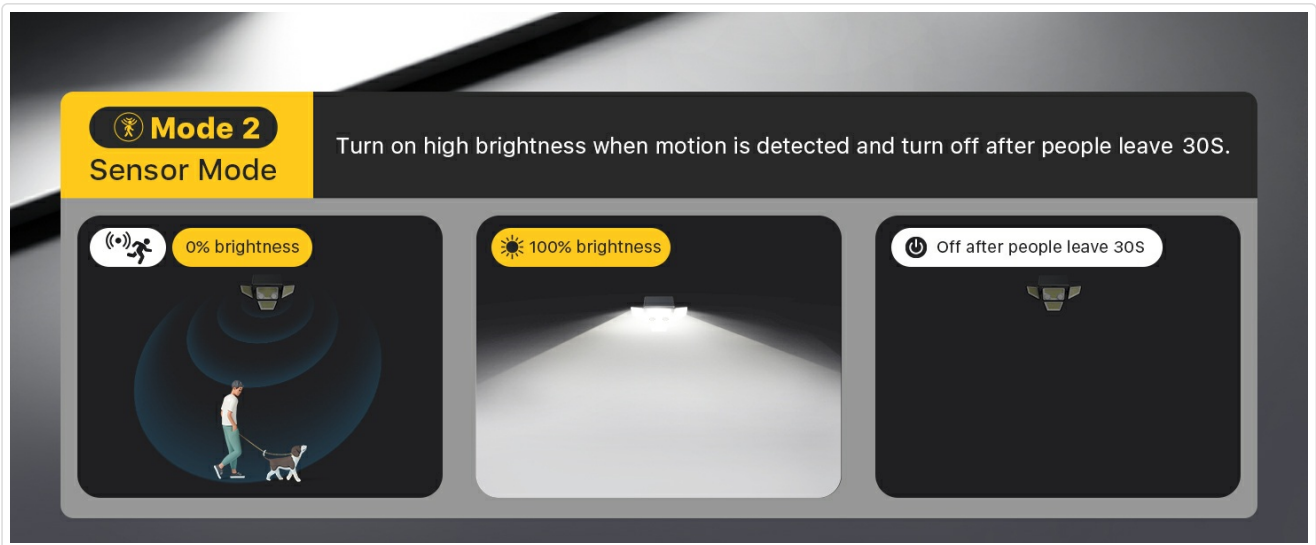7. **Activate:** Ensure the on/off switch on the back of the unit is in the "ON" position.

Image: A four-step visual guide demonstrating how to install the solar security light on a wall, including drilling, attaching the bracket, and mounting the light.

Your browser does not support the video tag.

Video: A user unboxes and demonstrates the installation process of the Ensenior Solar Security Light, highlighting its adjustable features and ease of mounting.

OPERATING INSTRUCTIONS

The Ensenior Solar Security Light features two motion sensors with a 180° detection angle and a range of up to 32.8 feet. It offers four lighting modes, selectable via the included remote control or the button on the light unit.

Lighting Modes:

- **Mode 1: Security Mode** - Motion detection triggers 15 seconds of flashing, followed by 15 seconds of steady high brightness, then turns off.
- **Mode 2: Sensor Mode** - Turns on high brightness when motion is detected and turns off approximately 30 seconds after motion ceases.
- **Mode 3: Dim on + Sensor Mode (ECO)** - Stays on at a dim brightness (10%) at night. When motion is detected, it switches to high brightness for 30 seconds, then returns to dim.
- **Mode 4: 8H Always On Mode** - The light stays on at a medium brightness (30%) for 8 hours after dark, regardless of motion.

To select a mode using the remote control, press the corresponding button. The light will illuminate for a few seconds to confirm the mode selection. The solar light will not turn on during daytime charging.
If the remote control battery is depleted or the remote is lost, you can cycle through the modes using the physical button on the light unit: Press once for Mode 1, twice for Mode 2, three times for Mode 3, four times for Mode 4, and five times to turn OFF.

Image: A visual guide detailing the four distinct operating modes (Security, Sensor, Dim on + Sensor, 8H Always On) of the Ensenior Solar Security Light.
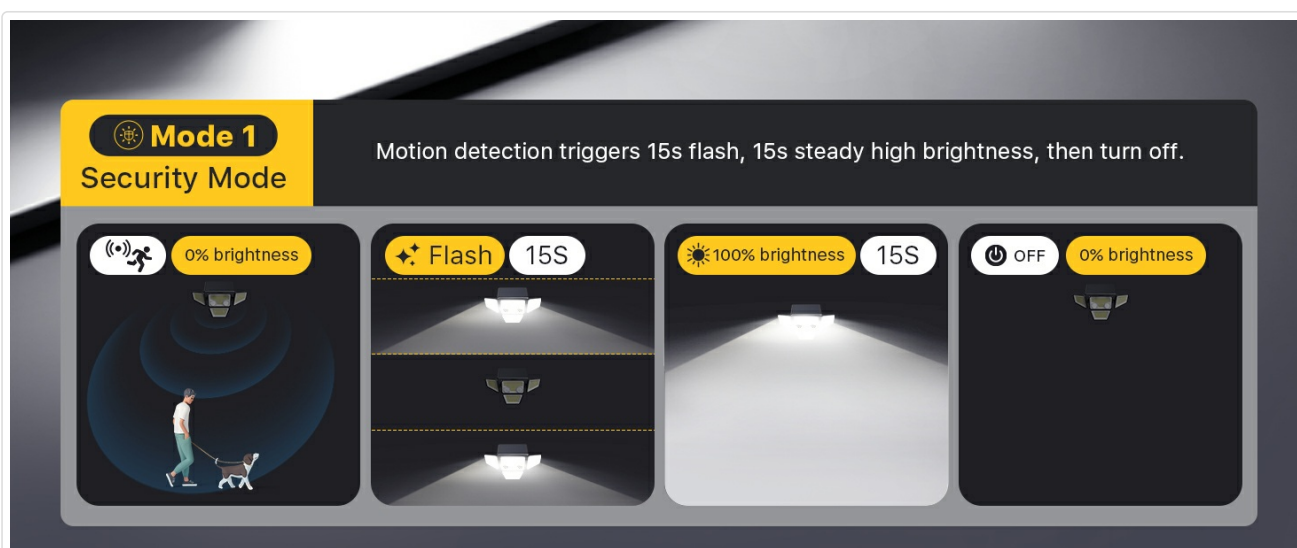

Image: Instructions on how to switch between the four lighting modes using either the remote control or the manual button on the light unit.

MAINTENANCE

- **Charging:** For optimal performance, ensure the solar panel receives 6-8 hours of direct sunlight daily.
- **Cleaning:** Periodically clean the solar panel and LED surfaces with a soft, damp cloth to remove dust and debris, which can affect charging efficiency and light output.
- **Waterproofing:** The light is IP65 waterproof, designed to withstand rain, snowstorms, and other outdoor elements. However, avoid submerging the unit in water.
- **Battery:** The unit contains a high-capacity 1800mAh battery. If the battery is fully depleted, it may require 2-3 days of charging to restore full functionality and mode settings.
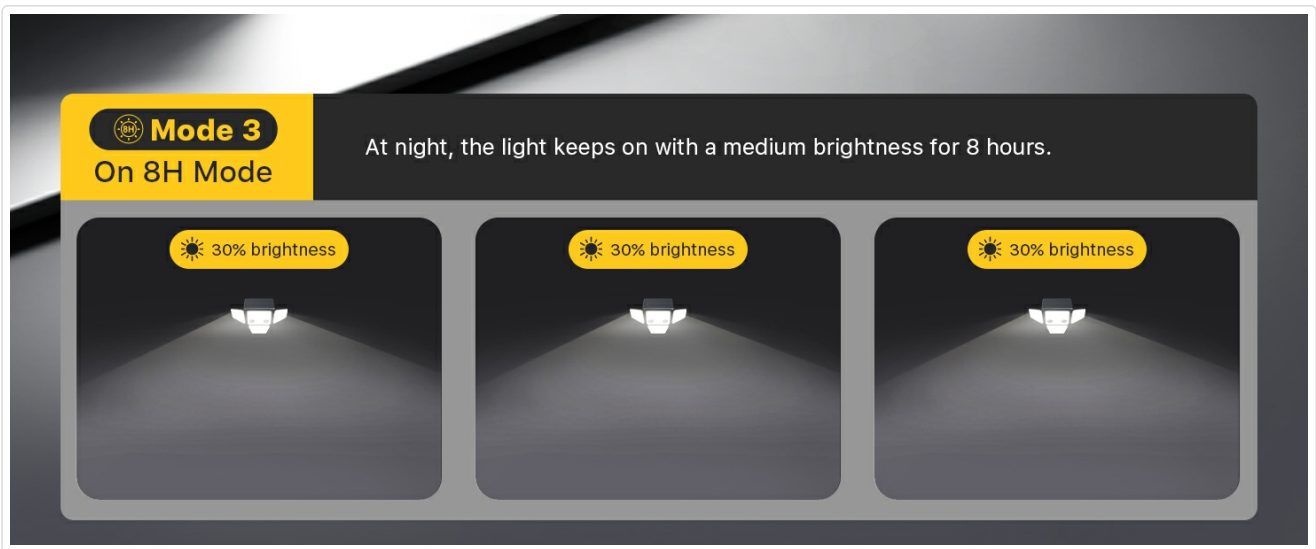
Image: An infographic illustrating the solar charging duration and working times of the light under sunny, cloudy, and rainy weather conditions.

Image: The Ensenior solar light is depicted in various weather conditions (rain, snow, wind), emphasizing its IP65 waterproof and weather-resistant design.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient solar charge.	Ensure the solar panel is in direct sunlight for 6-8 hours. Clean the solar panel.

Problem	Possible Cause	Solution
Light does not stay on for the expected duration.	Battery not fully charged or degraded.	Allow 2-3 days of full sunlight charging. Consider replacing the unit if battery life significantly decreases over time.
Motion sensor is not detecting movement.	Sensor obstructed or incorrect mode.	Clear any obstructions from the sensor. Verify the light is in a motion-sensing mode (Mode 1, 2, or 3).
Remote control is not working.	Remote battery depleted or out of range.	Ensure the remote is within 16.4-32.8 ft of the light and facing the sensor without obstructions. Replace remote battery if necessary.

SPECIFICATIONS

Feature	Detail
Brand	Ensenior
Model Name	Solar Flood Light
Item Model Number	AQ2-11I-65K-02-BL-4T-ZY-M01
Light Source	279 LED Beads
Brightness	Up to 2600LM (6500K Cool White)
Motion Sensor	Dual sensors, 180° detection angle, up to 32.8FT range
Lighting Angle	270° Wide Angle (adjustable 4 heads)
Battery	1800mAh (Nonstandard Battery, included)
Charging Time	6-8 hours in direct sunlight
Water Resistance	IP65 Waterproof
Control Method	Remote, Manual Button
Material	Metal
Product Dimensions	10.63"L x 3.23"W x 4.47"H
Item Weight	1.85 pounds

Image: A detailed diagram illustrating the dimensions of the solar light and listing the included accessories: remote control, user manual, mounting screws, and wall plugs.

WARRANTY AND SUPPORT

Your purchase includes a **3-year warranty**. For any questions, concerns, or assistance, please contact Ensenior customer support. Refer to the contact information provided in the user manual included in your package or visit the official Ensenior store online.

Ensenior Direct is the seller and fulfills orders via Amazon. For direct support, please reach out to the seller

through your Amazon order details.