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SECUROAD H-1017

SECUROAD Super Bright Solar Outdoor Light H-1017 Instruction Manual

1. Introduction

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your SECUROAD Super Bright Solar Outdoor Light, Model H-1017. Please read this manual thoroughly before using the product to ensure proper function and longevity.

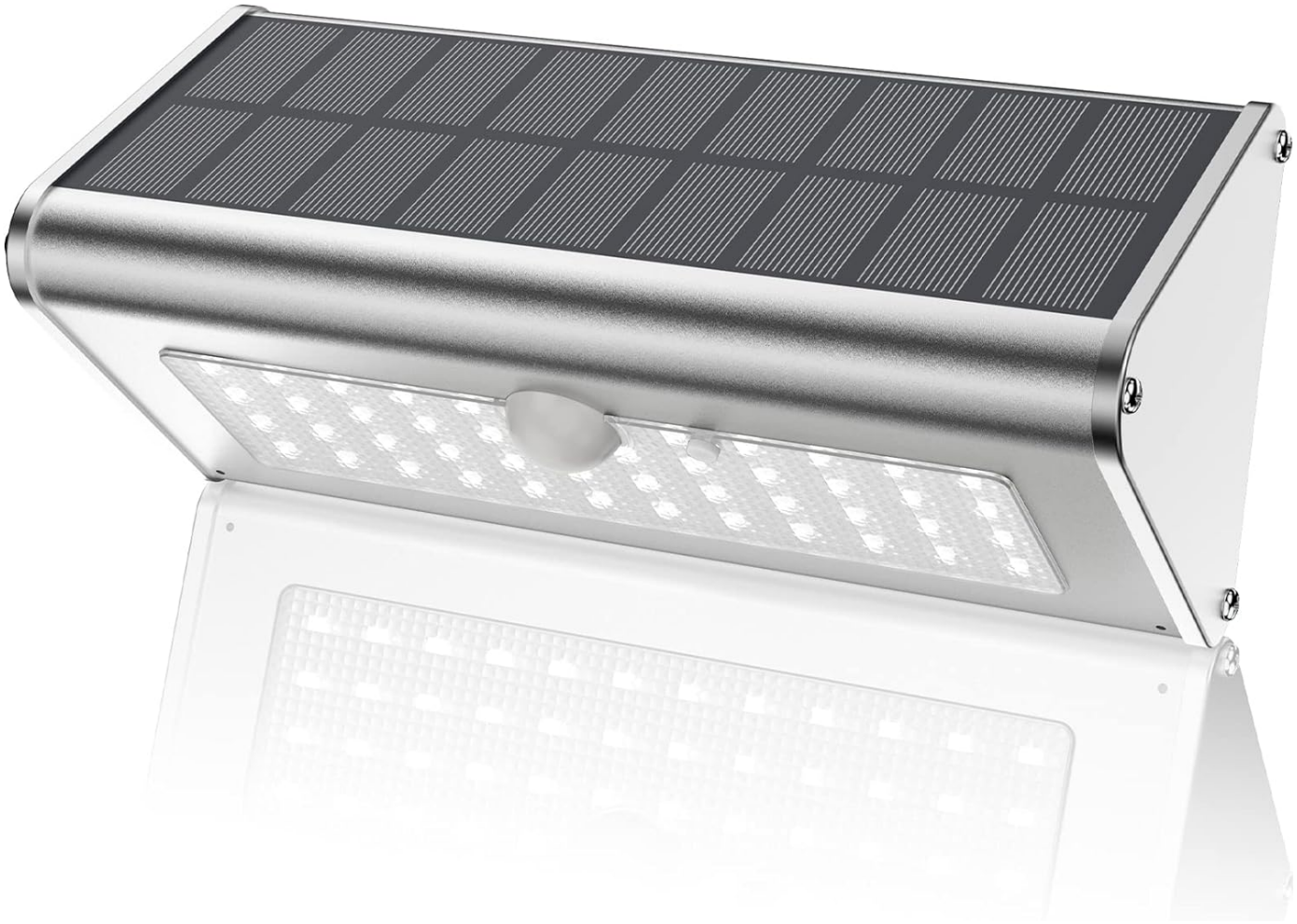
2. Product Overview

Key Features

- **Durable Construction:** Features an anodized aluminum alloy housing for lightweight strength, corrosion resistance, and a long-lasting appearance, even in harsh outdoor environments. The lampshade is made of UV-resistant, anti-yellowing, and heat-resistant PVC material.
- **High Brightness:** Equipped with 46 high-quality LEDs, providing up to 1100 lumens of illumination at 100% charge, covering over 600 square feet.
- **Multiple Operating Modes:** Offers 4 distinct working modes to suit various lighting needs: Dimmable-Bright, Off-Bright, Constant Lighting, and Emergency Lighting. Modes are easily cycled via a single button.
- **Efficient Solar Charging:** Utilizes a monocrystalline silicone solar panel with PET lamination, offering a larger surface area and up to 20% conversion rate for faster charging.
- **Long-Lasting Battery:** Includes an explosion-proof, non-memory rechargeable 4500mAh lithium-ion battery, providing up to 12 hours of continuous lighting. The battery life is designed to last over 5 years.
- **Motion Detection:** Upgraded 120° detection range with a PIR motion induction sensor that can detect motion up to 26 feet, offering a broader range of lighting.
- **Weatherproof:** IP65 waterproof rating ensures reliable performance in various weather conditions.

What's in the Box

- SECUROAD Super Bright Solar Outdoor Light (Model H-1017)
- Explosion-proof batteries (type 18650, pre-installed)
- Mounting kit (screws and anchors)
- Instruction manual



Front view of the SECUROAD Super Bright Solar Outdoor Light, showcasing its solar panel, LED array, and motion sensor.



The solar light emitting bright illumination, highlighting its 46 LEDs and 1100 lumens output.



Demonstration of the light's IP65 waterproof and all-weather resistant design, functioning effectively during rain.

3. Setup & Installation

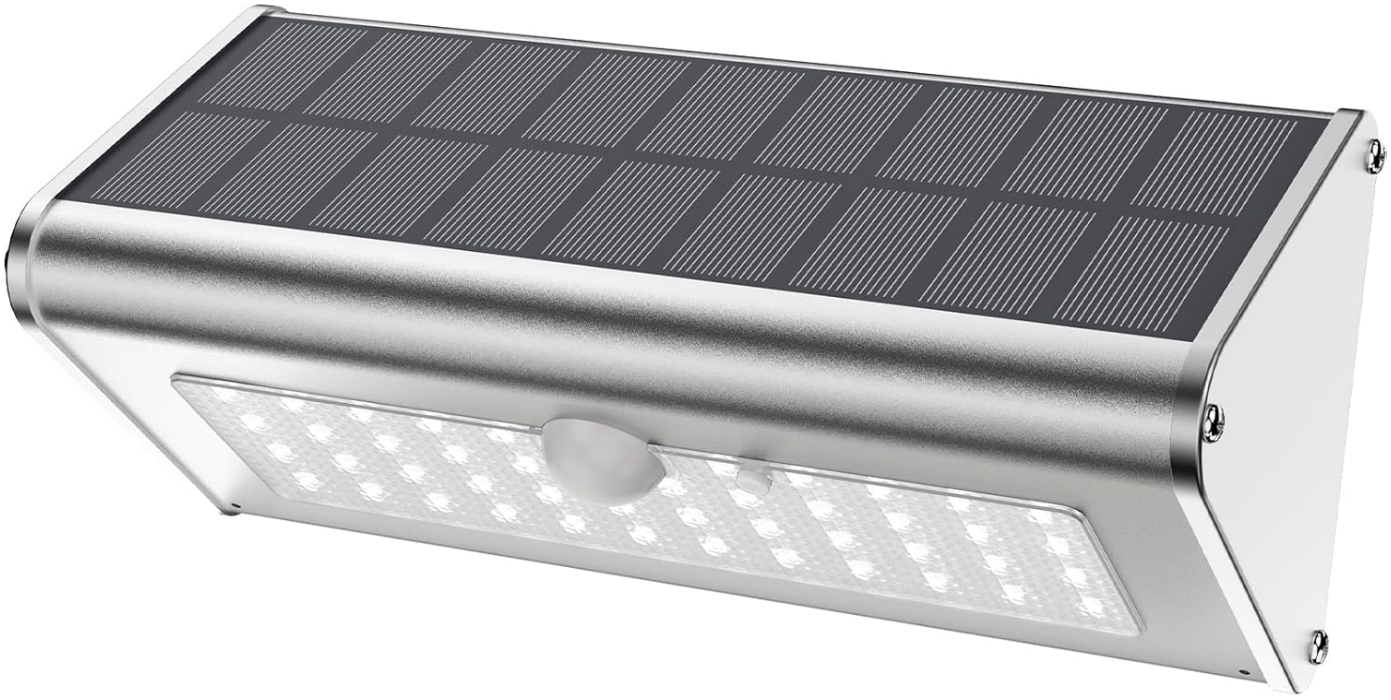
1. **Choose a Location:** Select a location that receives at least 6-8 hours of direct sunlight daily to ensure optimal charging. The recommended installation height is 10-16 feet above ground level. Ensure the solar panel faces upwards to maximize sun exposure.
2. **Mark Mounting Points:** Use the included template to mark the positions of the holes on the wall or mounting surface.
3. **Drill Holes:** Drill two holes with a 1/4" drill bit at the marked positions.
4. **Insert Anchors:** Gently tap the plastic anchors into the drilled holes until they are flush with the surface.
5. **Secure Screws:** Drive the provided screws into the anchors, leaving a small portion of the screw head exposed to

hang the light.

6. **Mount the Light:** Align the keyhole slots on the back of the light with the exposed screw heads and slide the light downwards to lock it securely into place. Ensure the light is mounted vertically with the light portion directed downwards to prevent water accumulation.
7. **Activate the Light:** In a dark environment or by covering the solar panel, press and hold the power/mode button for 5 seconds to turn on the light. It will activate in the first mode (Dim-Bright).



Step-by-step diagram for installing the solar light using the provided mounting kit.



Detail of the mounting brackets on the rear of the solar light, designed for secure wall installation.

Your browser does not support the video tag.
This video demonstrates the installation process and showcases the various lighting modes of the SECUROAD Solar Outdoor Light, highlighting its aluminum metal housing and motion detection capabilities.

4. Operating Instructions

The SECUROAD Solar Outdoor Light features 4 working modes. You can cycle through these modes by briefly pressing the power/mode button located on the front of the light. The light will not operate during daylight hours.

Working Modes:

1. **Dim-Bright Mode:** The light stays in a dim state. When motion is detected, it brightens to full intensity for 15 seconds, then returns to dim after motion ceases.
2. **Off-Bright Mode:** The light remains off. When motion is detected, it turns on to full intensity for 15 seconds, then turns off completely after motion ceases.
3. **Constant Lighting Mode:** The light stays on constantly at a dim brightness throughout the night. The motion sensor function is inactive in this mode.
4. **Emergency Lighting Mode:** The light turns on to full intensity for 30 minutes, then turns off. The motion sensor function is inactive in this mode. This mode is useful for tasks requiring extended bright illumination.

To turn the light off, cycle through all modes until the light is off. To turn it back on, press and hold the button for 5 seconds to return to the first mode.



A visual guide explaining the four distinct operating modes: Dim-Bright, Off-Bright, Constant Lighting, and Emergency Lighting.

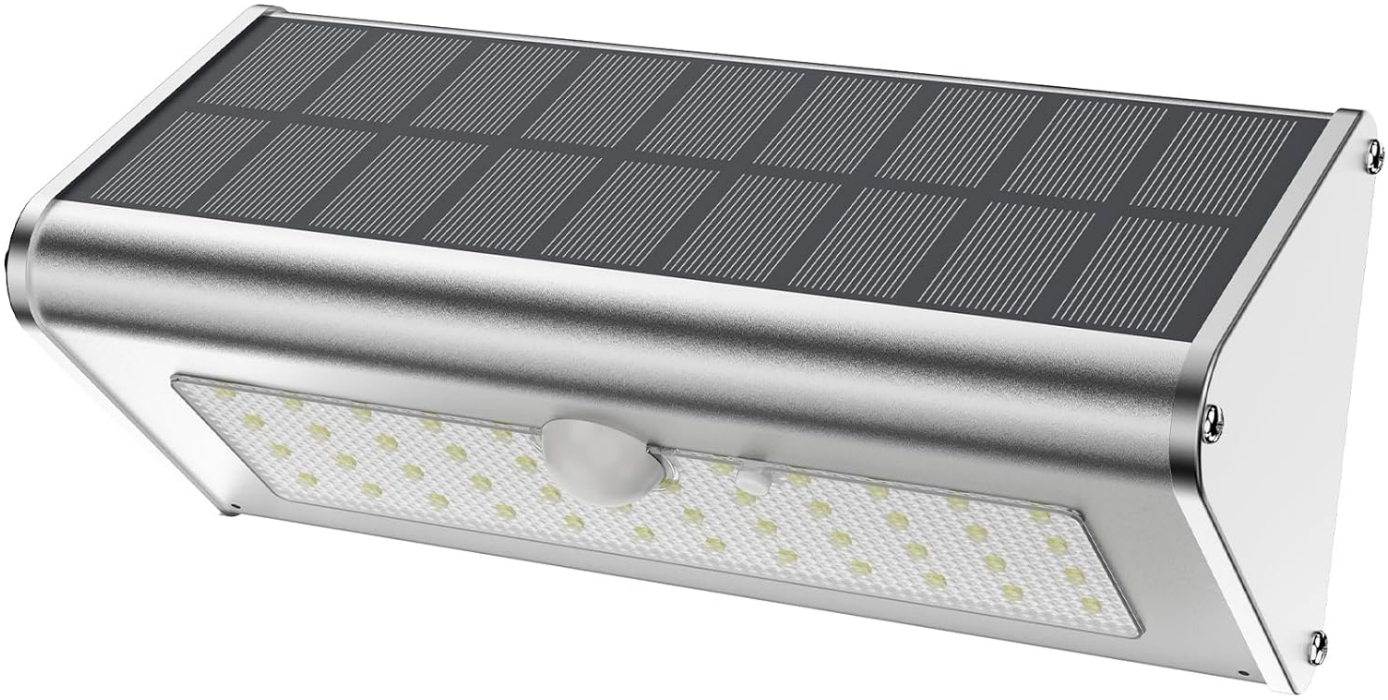


Diagram illustrating how to switch between the different operating modes by briefly pressing the control button.

5. Maintenance

- **Clean Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures maximum sunlight absorption and charging efficiency.
- **Clear Obstructions:** Ensure no trees, bushes, or other objects are blocking direct sunlight from reaching the solar panel, especially during peak charging hours.
- **Check Mounting:** Periodically inspect the mounting screws and brackets to ensure the light remains securely attached to the surface.

6. Troubleshooting

- **Light does not turn on at night:**
  - Ensure the light is activated by pressing and holding the power/mode button for 5 seconds in a dark environment.
  - Verify the solar panel is receiving sufficient direct sunlight (6-8 hours) during the day. Relocate the light if necessary.
  - Check for any obstructions (e.g., leaves, dirt) on the solar panel and clean it.
- **Light is dim or runs for a short period:**
  - The battery may not be fully charged. Ensure the solar panel has unobstructed exposure to direct sunlight for a full day.
  - Extreme temperatures can affect battery performance.

- **Motion sensor is not detecting motion or is too sensitive:**
  - Ensure the motion sensor is not obstructed.
  - The sensor's detection range is up to 26 feet and 120°. Adjust the light's position or angle if needed.
  - In some environments, radar motion sensors can be highly sensitive and detect motion through thin walls. Consider the placement carefully to avoid unwanted triggers.

7. Specifications

Specification	Detail
Brand	SECUROAD
Model Name	H-1017 (HBT-1606PW)
Product Dimensions	9"L x 3.74"W x 4.13"H
Item Weight	1.4 Pounds
Material	Aluminum (Anodized), PVC (lampshade)
Power Source	Solar Powered
Light Source Type	LED (46 lights)
Brightness	1100 Lumens
Color Temperature	6000 Kelvin (Cool White)
Battery	4500mAh Lithium Metal (18650 type, included)
Water Resistance Level	IP65 Waterproof
Motion Sensor Range	120° detection, up to 26 feet
Control Method	Push Button

8. Warranty & Support

The SECUROAD Super Bright Solar Outdoor Light comes with a 60-day money-back guarantee and lifetime product support. For any concerns or questions, please contact the manufacturer, HerrysHome, directly. Your satisfaction is highly valued.

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