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› [iMaihom BDP60G-3 65W 6500LM Motion Sensor Outdoor LED Flood Light Instruction Manual](#)

iMaihom BDP60G-3

iMaihom BDP60G-3 65W 6500LM Motion Sensor Outdoor LED Flood Light Instruction Manual

Model: BDP60G-3 | Brand: iMaihom



1. PRODUCT OVERVIEW

The iMaihom BDP60G-3 is a 65W 6500LM Motion Sensor Outdoor LED Flood Light designed for enhanced security and illumination in outdoor spaces like yards and garages. It features three adjustable heads, a highly sensitive motion sensor, and multiple operating modes for versatile use.

Key Features:

- Wide Illumination Coverage:** Equipped with an upgraded motion sensor and 63 high-quality LED beads, this flood light delivers up to 6500 lumens, illuminating areas up to 1150 square feet. The motion sensor detects movement from up to 72 feet with a 180° detection angle.
- Multi-Mode Selection:** Offers three selectable modes: Motion Sensor Mode, Dusk-to-Dawn Mode, and Constant-On Mode. Modes can be easily switched using the included remote control.
- Networking Function:** Supports a linked sensing function in PIR (Motion Sensor) mode, allowing multiple lights to activate simultaneously when one detects movement.
- Hassle-free Installation:** Features a 1.5-meter plug for simple plug-in setup, eliminating complex wiring.
- IP65 Waterproof:** Constructed with high-quality materials and safety seals for consistent performance in various weather conditions, including rain, snow, or wind.
- Adjustable Heads:** Three light heads are independently adjustable to direct light precisely where needed.
- Brightness Adjustable:** Brightness levels can be adjusted in all three operating modes.



Figure 1: iMaihom 3-Head Motion Sensor Outdoor LED Flood Light with Remote Control.

2. SAFETY INFORMATION

Please read all safety instructions carefully before installation and operation. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- Ensure the power supply is disconnected before installation or maintenance.
- This product is designed for outdoor use and is IP65 waterproof. However, avoid submerging it in water.
- Do not attempt to disassemble or modify the light fixture. This may void the warranty and create safety risks.
- Install the light on a stable surface, ensuring it is securely mounted to prevent falling.
- Keep flammable materials away from the light fixture during operation.
- If using an extension cord, ensure it is rated for outdoor use and can handle the wattage of the flood light.

3. PACKAGE CONTENTS

Verify that all items are present and undamaged upon opening the package:

- 1 x iMaihom 3-Head Motion Sensor Outdoor LED Flood Light (Model: BDP60G-3)
- 1 x Remote Control (with 1 Lithium Ion battery included)
- 1 x Mounting Plate
- 1 x Set of Screws and Wall Anchors

- 1 x Instruction Manual

4. SETUP AND INSTALLATION

The iMaihom BDP60G-3 flood light is designed for straightforward plug-in installation. Follow these steps for optimal performance and safety.

4.1 Mounting Location

- Choose a location that provides the desired illumination coverage and motion detection range.
- Recommended installation height is between 8.2 feet (2.5 meters) and 16.4 feet (5 meters) from the ground.
- Ensure the motion sensor is not obstructed by objects like trees or walls, which could interfere with detection.
- The light can be wall-mounted or soffit-mounted.



Figure 2: Wall Mounted and Soffit Mounted Installation.

4.2 Installation Steps

1. **Prepare the Mounting Surface:** Use the provided mounting plate as a template to mark drilling points on the wall or soffit.
2. **Drill Holes:** Drill pilot holes at the marked locations. Insert wall anchors if necessary.
3. **Secure Mounting Plate:** Attach the mounting plate to the surface using the provided screws.
4. **Attach Light Fixture:** Align the flood light unit with the mounting plate and secure it firmly.
5. **Adjust Light Heads:** Loosen the screws behind each light head to adjust their angle. Once positioned, tighten the screws to secure them.
6. **Remove Protective Film:** Peel off any protective film from the LED light panels before first use.
7. **Plug In:** Connect the 1.5-meter power cord to a suitable outdoor power outlet. If the outlet is far, use an outdoor-rated extension cord.



Figure 3: Simple Plug-in Installation.



Figure 4: Adjustable Light Heads.

5. OPERATING INSTRUCTIONS

The iMahom flood light offers multiple operating modes and adjustable settings via the included remote control.

5.1 Remote Control Functions

Before using the remote control, remove the insulation sheet from the battery compartment.



Figure 5: Remote Control Layout and Functions.

- **PIR (Motion Sensor Mode):** Activates the light when motion is detected.
- **Low/High (Detection Distance Adjustment):** Adjusts the motion sensor's detection range (Low: 19.7-26.2ft, High: 39.3-72ft).
- **1Min/5Min/10Min (Lighting Duration Time):** Sets how long the light stays on after motion detection.
- **Main/Auxiliary/Pairing (Networking Function):** Used to link multiple lights for synchronized motion detection (only in PIR mode).
- **D2D (Dusk to Dawn Mode):** Light automatically turns on at dusk and off at dawn.
- **Timer Esc (Cancel Timing):** Cancels any active timer settings.

- **3H/6H/8H (Timer in D2D):** Sets the duration for Dusk-to-Dawn mode (e.g., 3 hours after dusk).
- **Brightness Adjustment:** Adjusts the light intensity (5 levels: 20%, 40%, 60%, 80%, 100%).
- **Always ON:** Keeps the light continuously on at 100% brightness.
- **Always OFF:** Turns the light off.

5.2 Mode Selection and Usage

- **Motion Sensor Mode (PIR):** Press the "PIR" button. Adjust detection distance and lighting duration as needed. For networking, use the "Main," "Auxiliary," and "Pairing" buttons (refer to the remote diagram for specific pairing instructions).
- **Dusk to Dawn Mode (D2D):** Press the "D2D" button. The light will automatically activate at dusk and deactivate at dawn. You can set a timer (3H, 6H, 8H) for how long it stays on after dusk.
- **Constant-On Mode:** Press the "Always ON" button to keep the light on continuously.
- **Brightness Adjustment:** Use the brightness adjustment buttons to cycle through the 5 brightness levels in any mode.



Figure 6: Motion Sensor in action.

Dusk to Dawn Mode

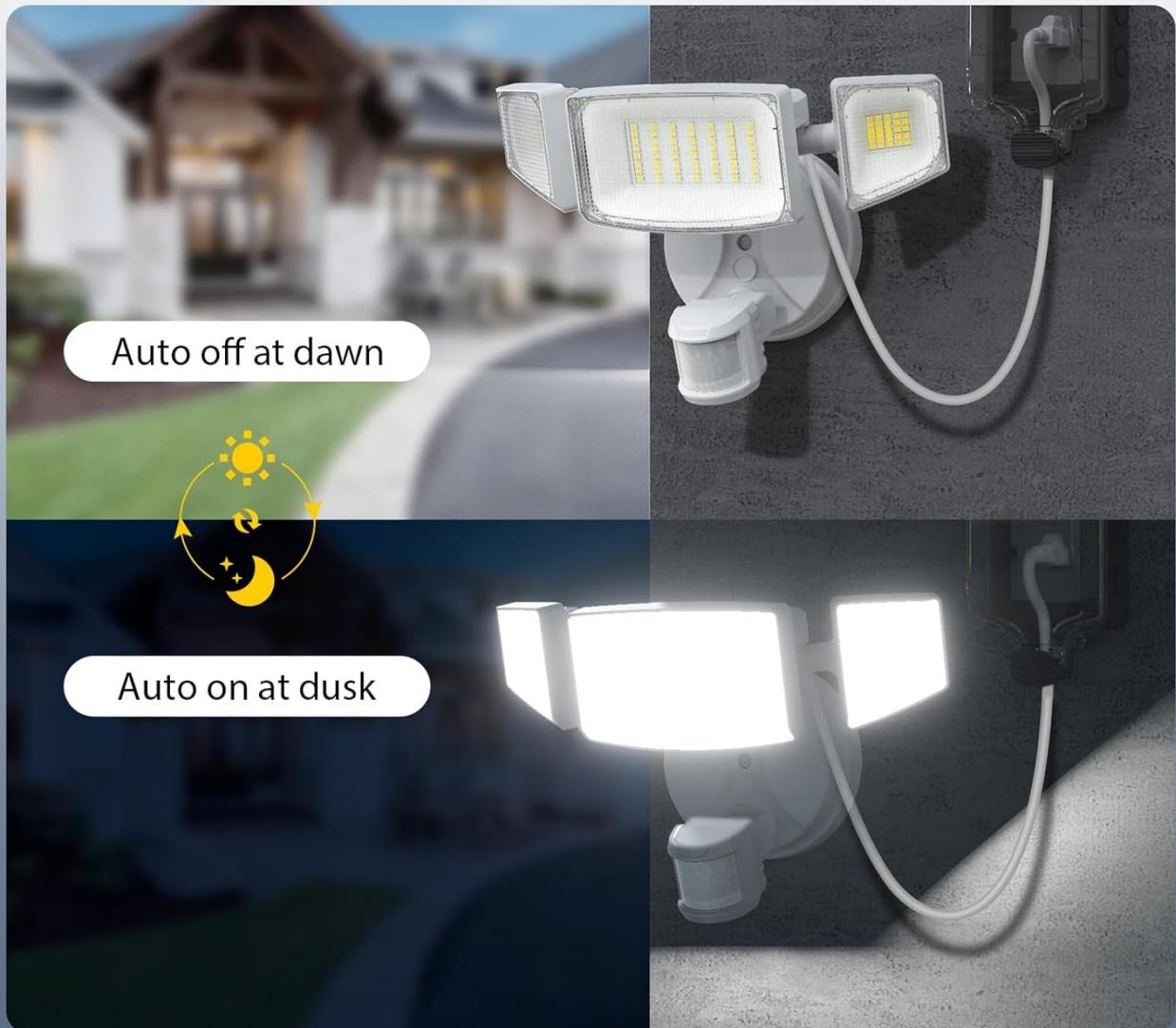


Figure 7: Dusk to Dawn Mode operation.

Always-on Mode

Stays on 100% brightness



Figure 8: Always-on Mode providing continuous illumination.

Networking Function

Only works in PIR mode



Figure 9: Networking Function in PIR mode.

Brightness Adjustable

Adjustable in all three modes



Figure 10: Brightness Adjustment options.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your iMaihom flood light.

- **Cleaning:** Periodically clean the light panels and motion sensor lens with a soft, damp cloth to remove dust and debris. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly check the power cord for any signs of damage. Ensure all mounting screws are tight and the light heads are securely positioned.
- **Battery Replacement (Remote):** If the remote control's range or responsiveness decreases, replace the Lithium Ion battery.

7. TROUBLESHOOTING

If you encounter issues with your iMaihom flood light, refer to the following common problems and solutions:

- **Light does not turn on:**

- Check if the power cord is securely plugged into a working outlet.
- Ensure the "Always OFF" mode is not activated on the remote control.
- Verify that the Dusk-to-Dawn sensor is not covered or obstructed if in D2D mode.
- In Motion Sensor mode, ensure the sensor is not obstructed and is set to an appropriate sensitivity and duration.

- Motion sensor not detecting:**

- Adjust the sensor's detection distance (Low/High settings on remote).
- Ensure the sensor is clean and free from obstructions.
- Avoid placing the light near heat sources or objects that move in the wind, which can cause false triggers.

- Light flashes when off:**

- This can sometimes occur due to residual current or interference in the electrical circuit. Ensure the light is properly grounded. If the issue persists, consult a qualified electrician.

8. SPECIFICATIONS

Feature	Specification
Brand	iMaihom
Model Name	BDP60G-3
Wattage	65 watts
Brightness	6500 lumens
Color	White
Material	Plastic
Water Resistance Level	IP65 Waterproof
Product Dimensions	8.26" L x 5.51" W x 5.9" H
Power Source	Corded Electric (Plug-in)
Control Method	Remote, Motion Sensor
Light Source Type	LED
Number of Light Sources	3
Motion Sensor Detection Distance	Up to 72 feet
Motion Sensor Detection Angle	180°
Cord Length	1.5 meters (approx. 4.92 feet)

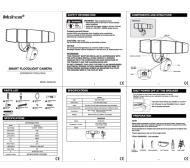
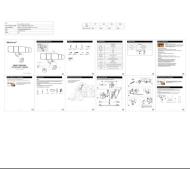
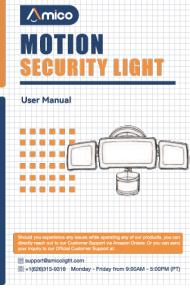
9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the contact details provided with your product.

packaging or visit the official iMaihom website. Keep your purchase receipt as proof of purchase for any warranty claims.

For further assistance, please contact iMaihom customer service.

Related Documents - BDP60G-3

	<p><u>iMaihom Smart Floodlight Camera Installation Instructions</u></p> <p>Comprehensive installation guide for the iMaihom Smart Floodlight Camera (Model: IM-55A-5CL), covering safety information, parts list, specifications, installation steps, and troubleshooting.</p>
	<p><u>iMaihom Smart Wireless Floodlight Camera BDBS55SX-5 Installation Guide</u></p> <p>Comprehensive installation guide and technical specifications for the iMaihom Smart Wireless Floodlight Camera (Model: BDBS55SX-5). Learn about setup, safety precautions, wiring, Wi-Fi connection, and product features.</p>
	<p><u>Amico 3-Head LED Security Light Installation Manual</u></p> <p>Installation guide for the Amico 3-Head LED Security Light with Motion Sensor, featuring adjustable flood light, 40W, 4000LM, 5000K, and IP65 waterproof rating for outdoor use.</p>
	<p><u>How to Use Solar Lamps - Installation and Operation Guide</u></p> <p>A comprehensive guide on how to install and operate solar lamps, including features like 126 LEDs, 3 lighting modes, 270° wide angle, and remote control functionality.</p>
	<p><u>Solar Powered Security Light User Manual</u></p> <p>This document provides instructions and information for the solar-powered security light, including installation, mode selection, care, and warranty details.</p>
	<p><u>Newstyle 234 LED Solar Security Light Quick Start Guide</u></p> <p>Get your Newstyle 234 LED solar security light up and running quickly. This guide covers installation, connection, testing, and solar charging for optimal outdoor illumination.</p>