iMaihom BDBS55SX-5

iMaihom Floodlight Camera Outdoor Wired User Manual

MODEL: BDBS55SX-5

Brand: iMaihom

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your iMaihom Floodlight Camera Outdoor Wired. Please read this manual thoroughly before using the product to ensure proper function and safety. Keep this manual for future reference.

Safety Information

- Ensure all electrical connections are made by a qualified electrician and comply with local electrical codes.
- Disconnect power before installation or servicing.
- Mount the camera securely to prevent accidental falls.
- Avoid pointing the camera directly at strong light sources for extended periods, as this may affect image quality.

2. Package Contents

Verify that all items are present in the package:

- iMaihom Floodlight Camera (Model BDBS55SX-5)
- Mounting Hardware (screws, wall anchors)
- User Manual
- Installation Template (if included)

3. Product Overview

The iMaihom Floodlight Camera combines powerful illumination with advanced security features, offering comprehensive outdoor surveillance.

Figure 3.1: Front view of the iMaihom Floodlight Camera, showing the central camera unit and five adjustable LED floodlight panels.

Key Components:

- **Camera Unit:** Spherical design with 2K QHD resolution, infrared sensors for night vision, and two-way audio capabilities.
- **Floodlight Panels:** Five adjustable LED panels providing 5500LM brightness, motion-activated.
- **Mounting Base:** Designed for secure wall mounting.
- **Micro SD Card Slot:** Supports up to 128GB for local storage.
- **Reset Button:** Located near the SD card slot for device reset.

Figure 3.2: Product dimensions: 10.70 inches (width), 8.85 inches (height), 5.66 inches (depth).

4. Installation

The iMaihom Floodlight Camera is designed for wired wall mounting. Ensure power is disconnected before beginning installation.

Installation Steps:

1. **Prepare the Mounting Location:** Choose a suitable outdoor location with access to a wired power source. Ensure the mounting surface is sturdy.

2. **Disconnect Power:** Turn off the power to the circuit at the breaker box before starting any electrical work.

3. **Mount the Bracket:** Use the provided mounting bracket and hardware to securely attach the camera to the wall.

4. **Wire the Camera:** Connect the camera's electrical wires to your home's wiring according to local electrical codes. Ensure proper grounding.

5. **Attach the Camera Unit:** Secure the floodlight camera unit to the mounted bracket.

6. **Adjust Floodlight Panels:** Position the five floodlight panels to cover the desired areas. The panels

are 360-degree rotatable.

7. **Restore Power:** Once installation is complete and all connections are secure, restore power at the breaker box.

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Video 4.1: An overview of the iMaihom Floodlight Camera Outdoor Wired, demonstrating its features and installation process.

5. Smart Life App Setup

To control your iMaihom Floodlight Camera, download and configure the Smart Life app on your smartphone or tablet.

Connecting to the App:

1. **Download Smart Life App:** Search for "Smart Life" in your device's app store (iOS or Android) and install it.
2. **Register/Log In:** Open the app and register a new account or log in with an existing one.
3. **Power On Camera:** Ensure the camera is powered on and the blue indicator light is flashing rapidly (if not, reset the camera by pressing the reset button for 5 seconds until you hear a beep).
4. **Add Device:** In the Smart Life app, tap the "+" icon or "Add Device" and select "Security Camera" or "Floodlight Camera" from the device list.
5. **Connect to Wi-Fi:** Enter your 2.4GHz Wi-Fi network name and password. Ensure your phone is connected to the same 2.4GHz Wi-Fi network.
6. **Scan QR Code:** The app will generate a QR code. Hold your phone with the QR code in front of the camera lens (15-20 cm away) until you hear a prompt indicating successful scanning.
7. **Connection Confirmation:** The camera will connect to the network. Once connected, you will hear a confirmation prompt, and the device will appear in your app.

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Video 5.1: Step-by-step guide on how to connect your phone with the iMaihom Floodlight Camera using the Smart Life app.

6. Operating Instructions

Once connected, you can access various features through the Smart Life app.

6.1. Live View and Pan/Tilt Control

- Access the live feed from your camera anytime, anywhere.
- Use the on-screen controls to pan (340° horizontal) and tilt (120° vertical) the camera lens for a 360° panoramic view.
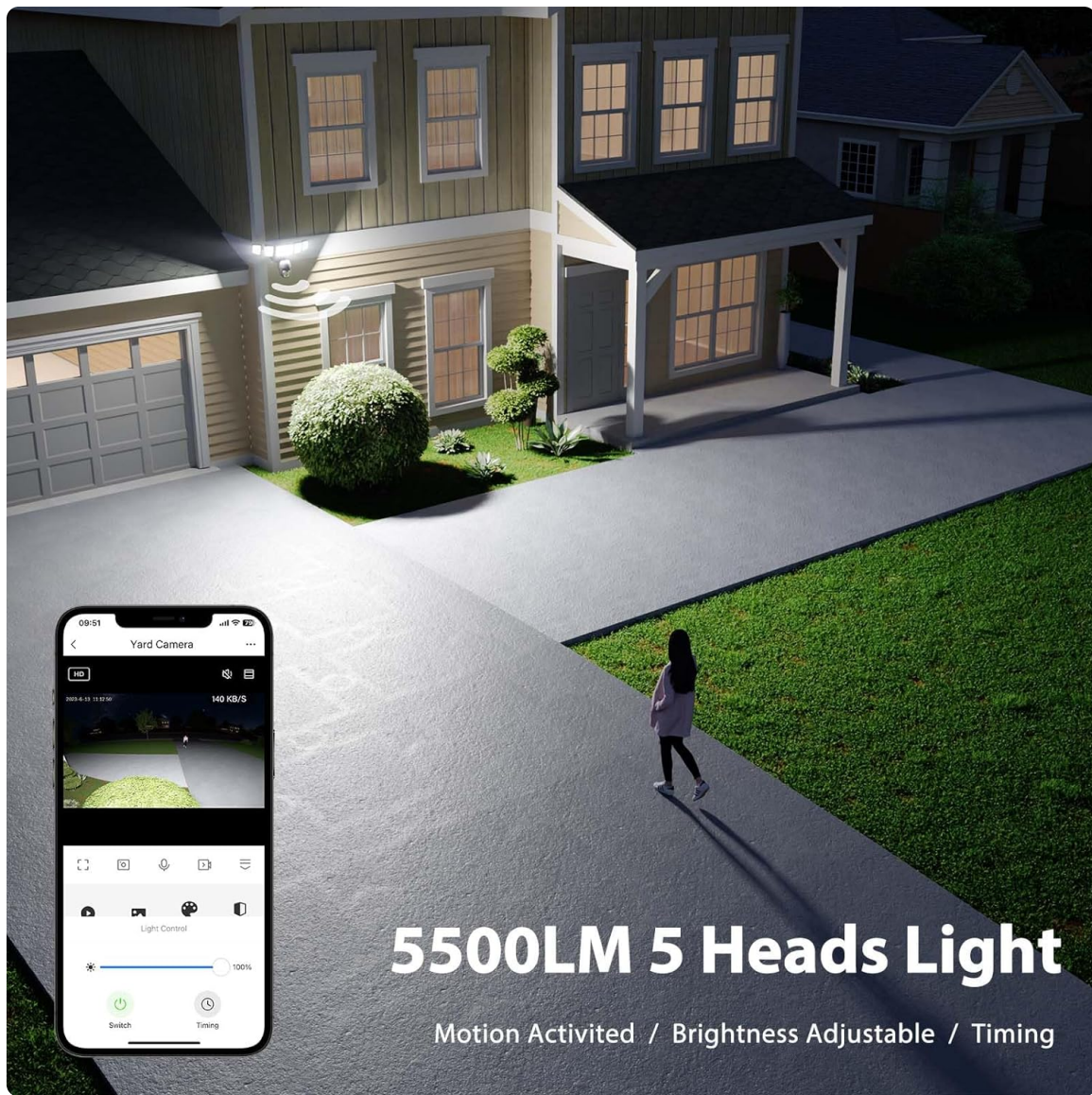
Figure 6.1: Control the camera's 360° panoramic view directly from your smartphone.

6.2. Motion Detection and Tracking

- Enable motion detection to receive real-time alerts on your phone when movement is detected.
- Activate motion tracking for the camera to automatically follow moving objects within its field of view.
- Adjust motion sensitivity in the app settings to minimize false alarms.

Figure 6.2: The camera's auto lock and track feature records moving objects in real-time.

6.3. Night Vision

- The camera supports 2K QHD infrared night vision for clear black-and-white footage in low-light conditions.
- Color night vision is activated when the floodlights are triggered by motion or manually turned on.

Figure 6.3: The camera provides 2K QHD video recording and excellent night vision.

6.4. Two-Way Audio

- Utilize the built-in microphone and speaker for two-way communication with visitors or to deter intruders.

Figure 6.4: Engage in two-way conversation with individuals near your camera.

6.5. Floodlight Control

- Manually turn the 5500LM floodlights on/off via the app.
- Adjust brightness levels and set schedules for automatic light operation.
- Lights can be configured to activate upon motion detection.

Figure 6.5: Control the 5500LM 5-head light with motion activation, adjustable brightness, and timing features.

6.6. Video Storage and Playback

- **Micro SD Card:** Insert a Micro SD card (up to 128GB, not included) into the camera's slot for local continuous recording. Playback is available at any time through the app.
- **Cloud Storage:** Optional cloud storage is available for video recording. A monthly subscription fee may apply for this service.
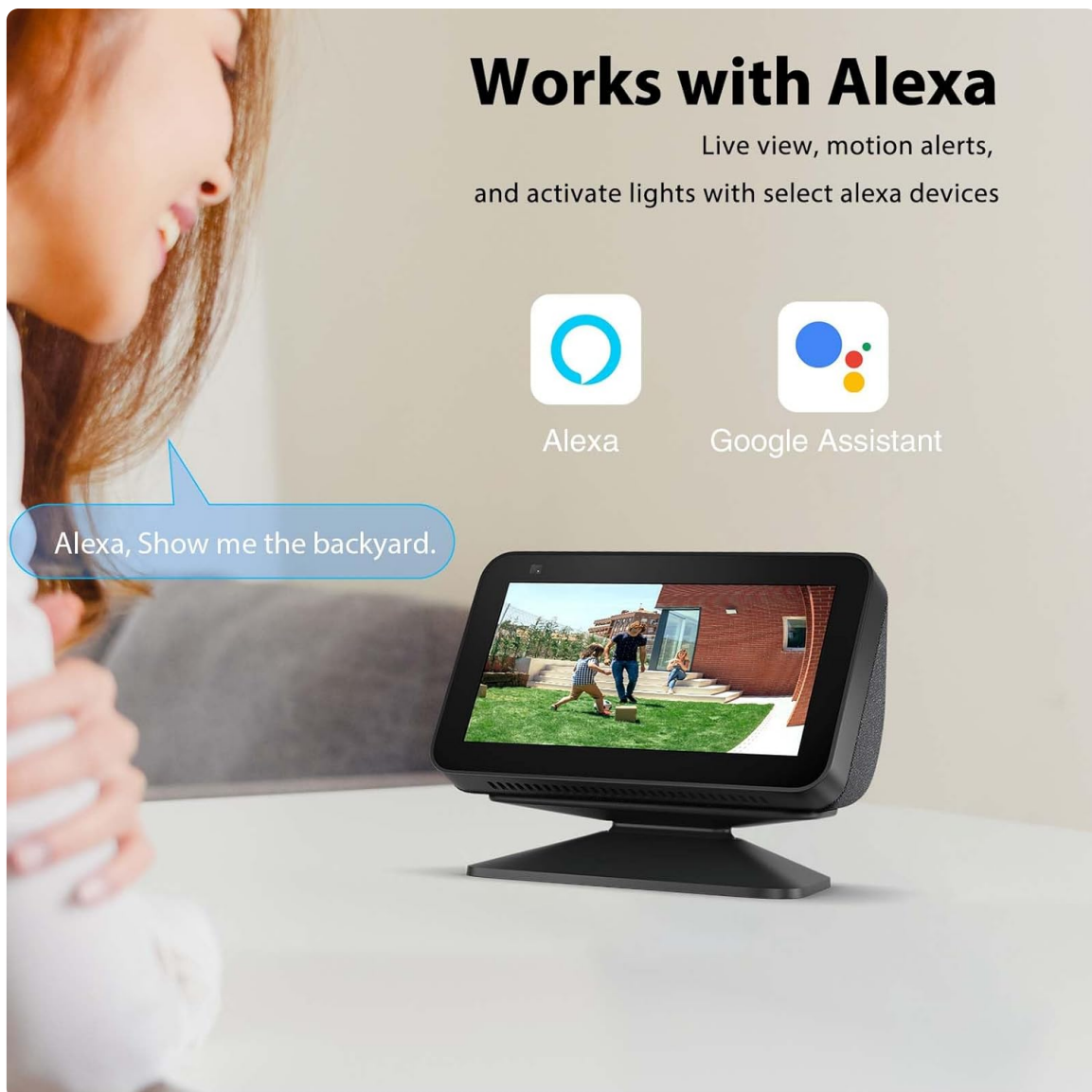
Figure 6.6: Local real-time recording up to 128GB Micro SD card. Playback is available at any time. Cloud storage is also an option.

7. Smart Home Integration (Alexa & Google Assistant)

Integrate your iMaihom Floodlight Camera with Amazon Alexa or Google Assistant for voice control and enhanced smart home functionality.

Connecting to Alexa/Google Assistant:

1. **Ensure Compatibility:** Verify your Alexa or Google Assistant device, phone, and floodlight camera are on the same 2.4GHz Wi-Fi network.
2. **Smart Life Skill/Action:** Open the Amazon Alexa app or Google Home app.
3. **Enable Skill/Action:** Search for and enable the "Smart Life" skill (for Alexa) or action (for Google Assistant).
4. **Link Accounts:** Follow the on-screen prompts to link your Smart Life account with your Alexa or Google account.
5. **Discover Devices:** Once linked, ask Alexa to "Discover devices" or manually discover devices in the Google Home app. Your iMaihom Floodlight Camera should appear.

Video 7.1: Instructions on how to connect your Smart Life camera with Amazon Alexa.

Voice Commands:

- "Alexa, show me [Camera Name]"
- "Alexa, turn on [Light Name]"
- "Hey Google, show me [Camera Name]"
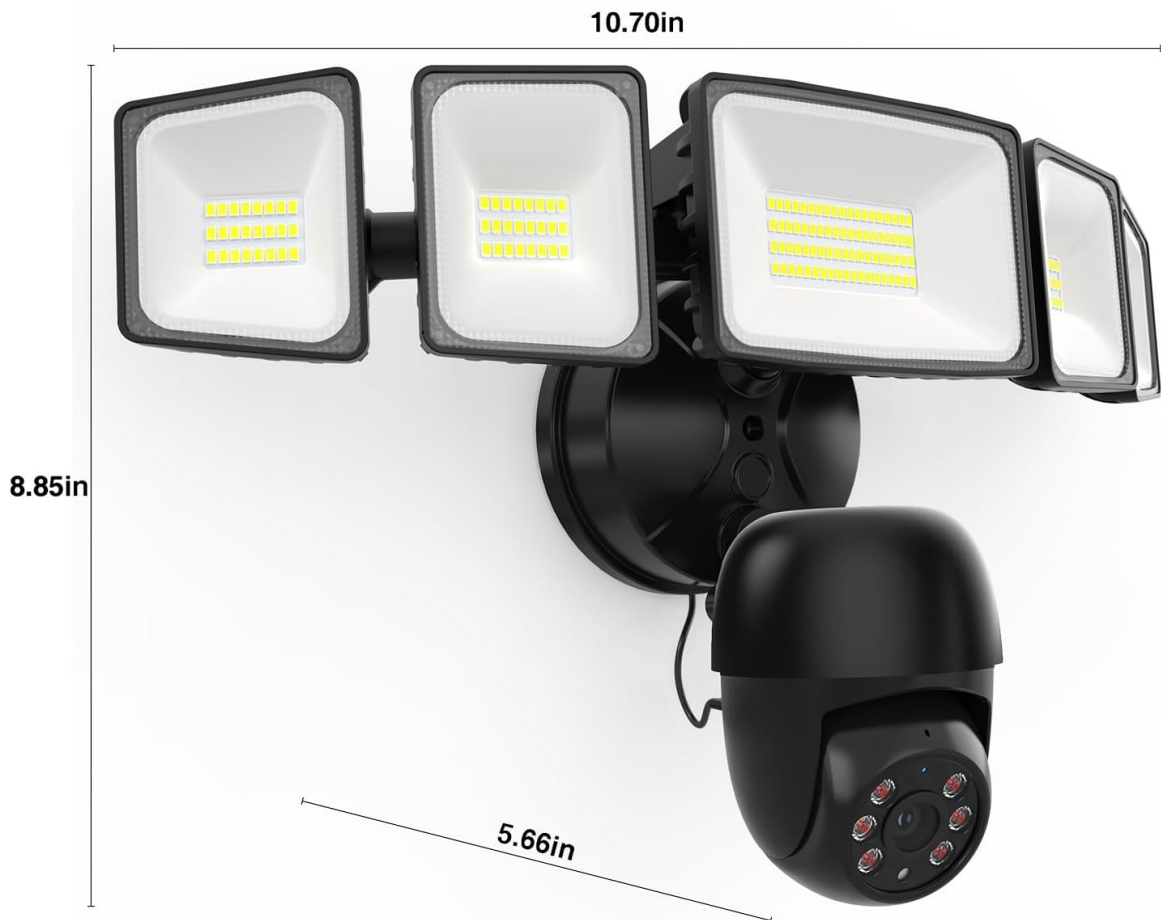
Dimension

10.70in

8.85in

5.66in

Figure 7.1: The iMaihom Floodlight Camera is compatible with Alexa and Google Assistant for live view and motion alerts.

8. Maintenance

- **Cleaning:** Regularly wipe the camera lens and floodlight panels with a soft, damp cloth to remove dust and debris. Do not use harsh chemicals.
- **Firmware Updates:** Check the Smart Life app periodically for firmware updates. Install updates to ensure optimal performance and security.
- **Network Stability:** Ensure a stable 2.4GHz Wi-Fi connection for uninterrupted operation.

9. Troubleshooting

- **Camera Offline:** Check Wi-Fi connection, power supply, and ensure the camera is within Wi-Fi range. Restart the camera and router if necessary.
- **Failed to Connect to App:** Ensure correct 2.4GHz Wi-Fi credentials, rapid flashing blue indicator light, and proper QR code scanning distance. Try resetting the camera.
- **Poor Image Quality:** Clean the camera lens. Check network speed. Adjust video quality settings in the app (SD vs. HD).
- **Motion Detection Not Working:** Ensure motion detection is enabled in the app and sensitivity is set appropriately. Check the detection zone settings.
- **Lights Not Activating:** Verify light settings in the app, including brightness, timing, and motion activation.

10. Specifications

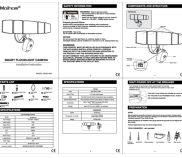| Feature	Specification
Model Number	BDBS55SX-5
Mounting Type	Wall Mount
Color	Black
Material	Aluminum
Dimensions (L x W x H)	10.7 x 5.66 x 8.85 inches
Item Weight	2.97 pounds
Light Source Type	LED
Brightness	5500LM
Video Resolution	2K QHD (2560*1440P)
Special Features	Motion Sensor, Night Vision (Color/Infrared), 2-Way Audio, Built-in Siren
Power Source	Corded Electric
Connectivity Protocol	Wi-Fi (2.4GHz)
Storage Options	Micro SD Card (up to 128GB), Cloud Storage
Smart Home Compatibility	Amazon Alexa, Google Assistant

11. Warranty and Support

iMaihom products come with a limited warranty. For detailed warranty information, please refer to the warranty card included in your package or visit the official iMaihom website.

For technical support, troubleshooting assistance, or any product-related inquiries, please contact iMaihom customer service through the contact information provided on the product packaging or the official website.

Related Documents - BDBS55SX-5

	iMaihom Smart Wireless Floodlight Camera BDBS55SX-5 Installation Guide 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.
	iMaihom Smart Floodlight Camera Installation Instructions Comprehensive installation guide for the iMaihom Smart Floodlight Camera (Model: IM-55A-5CL), covering safety information, parts list, specifications, installation steps, and troubleshooting.
	Hiacinto Night Vision Goggles Instruction Manual Comprehensive guide for Hiacinto Night Vision Goggles, covering setup, operation, features like infrared night vision, photo/video capture, PC connectivity, and specifications.
	Bestguarder NV-900 Digital Night Vision Binoculars Instruction Manual Comprehensive guide for the Bestguarder NV-900 Digital Night Vision Binoculars. Learn about features, operation, menu settings, precautions, and troubleshooting for enhanced night observation.
	HyperX Cloud Stinger 2 Core Gaming Headset Quick Start Guide A quick start guide for the HyperX Cloud Stinger 2 Core Gaming Headset, detailing its features, setup for PlayStation 5, and important safety information regarding volume levels.