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> Onforu 2K Hardwired Floodlight Camera (Model BDR35SX-2) User Manual

## Onforu BDR35SX-2

# Onforu 2K Hardwired Floodlight Camera

Model: BDR35SX-2

Brand: Onforu

## INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your Onforu 2K Hardwired Floodlight Camera (Model BDR35SX-2). This device combines a high-resolution 2K camera with powerful motion-activated floodlights to enhance your outdoor security. It features 5G/2.4G WiFi connectivity, color night vision, two-way audio, a siren, and 24/7 recording capabilities, all within an IP65 weatherproof design.



Image: The Onforu 2-in-1 Security Camera and Floodlight, highlighting its 3500 lumens brightness compared to a 2000 lumens alternative.

## SETUP AND INSTALLATION

The Onforu Floodlight Camera is designed for hardwired installation, ensuring continuous power and reliable

operation. Please ensure the power is off at the circuit breaker before beginning installation.

## Wiring Instructions

1. **Turn off Power:** Locate the circuit breaker controlling the outdoor light fixture you intend to replace and turn off the power.
2. **Remove Existing Fixture:** Carefully remove your existing floodlight or outdoor light fixture.
3. **Connect Wiring:** Connect the camera's wiring to your home's electrical wiring. Typically, this involves connecting the ground wire (green or bare copper), live wire (black), and neutral wire (white). Refer to local electrical codes for proper wiring procedures.
4. **Mount the Camera:** Securely mount the floodlight camera to the wall or soffit using the provided mounting hardware. Ensure it is firmly attached to prevent movement.
5. **Restore Power:** Once installation is complete, turn the power back on at the circuit breaker.

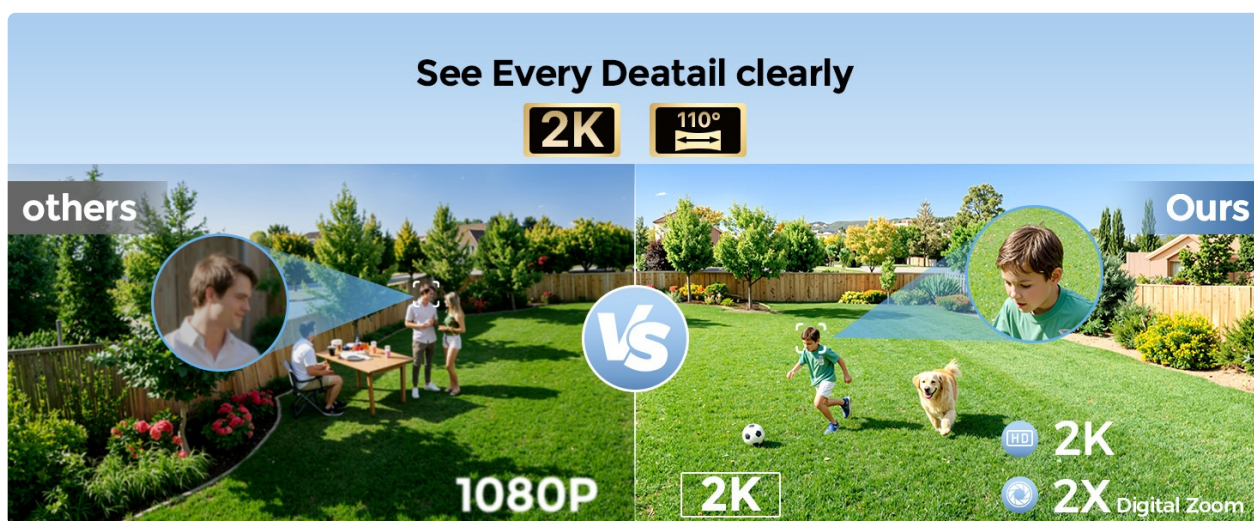


Image: A visual guide demonstrating the hardwired installation process, showing the camera connected to electrical wiring.

## App Connection

To utilize all features of your Onforu Floodlight Camera, you must connect it to the Onforu Home App. The camera supports both 2.4GHz and 5GHz Wi-Fi networks.

1. **Download App:** Download the "Onforu Home" app from the Google Play Store or Apple App Store.
2. **Register/Log In:** Open the app and register a new account or log in if you already have one.
3. **Power On Camera:** Ensure the camera's power switch is turned ON. Wait approximately 10 seconds until you hear a "beep beep" sound, indicating it's ready for network matching.
4. **Add Device:** In the app, click "Add Device" and follow the on-screen prompts. You can choose between two connection methods:

### Connection Method 1: Fast Pairing (Bluetooth & Wi-Fi)

- Enable Bluetooth and Wi-Fi on your mobile phone.
- Ensure your phone and the camera are connected to the same Wi-Fi network.
- The app will automatically discover the device. Click "Add" and enter your Wi-Fi password.

### Connection Method 2: Scan QR Code (Wi-Fi Only)

- Select the "Floodlight Camera" option in the app.
- Follow the prompts to reset the device if necessary (see Troubleshooting for reset button location).
- Enter your Wi-Fi password. The app will generate a QR code.
- Point your phone at the camera, keeping the QR code 15-20 cm (approximately 5.9-7.87 inches) away from the camera lens.
- Once the camera beeps, tap "I Heard a Prompt" in the app to complete the connection.

Your browser does not support the video tag.

Video: Official Onforu guide on how to connect the Onforu Floodlight Camera to the Onforu Home App, demonstrating both Bluetooth and QR code connection methods.

## OPERATING INSTRUCTIONS

Your Onforu Floodlight Camera offers a range of features for comprehensive home security.

### 2K QHD Video & Color Night Vision

The camera captures sharp 2K QHD (Quad HD) video details 24/7. With built-in floodlights, it provides full-color footage even in total darkness, enhancing identification of objects and individuals.



Image: Demonstrates the camera's crystal clear 2K resolution and color night vision, capable of capturing fine details like a car's license plate at night.

### Motion-Activated Floodlights & Customizable Zones

The 3500-lumen LEDs instantly illuminate large areas upon motion detection. You can customize motion zones via the app to focus on specific areas and reduce false alerts.

### 3 Lighting Modes



To set a timed light on/off, please adjust the settings here.



Image: Shows the three modes of intruder deterrence: motion-activated light, instant alert notifications, and an alarm siren, effectively deterring an intruder.

### Two-Way Audio & Siren

Communicate with visitors or deter intruders using the real-time two-way audio feature. The 105dB siren can be triggered remotely via the app to instantly scare away unwanted guests.



#### Set Your Observation Zones

Create your own motion zones to fine-tune focus areas. Get alerts you care about most—privacy always secured.

Image: A delivery person at the door, demonstrating the real-time two-way audio feature for communication through the app.

### Dual Storage Options

Footage can be saved locally on an 8-256GB SD card (sold separately) or securely in the cloud (subscription optional), ensuring continuous 24/7 recording.

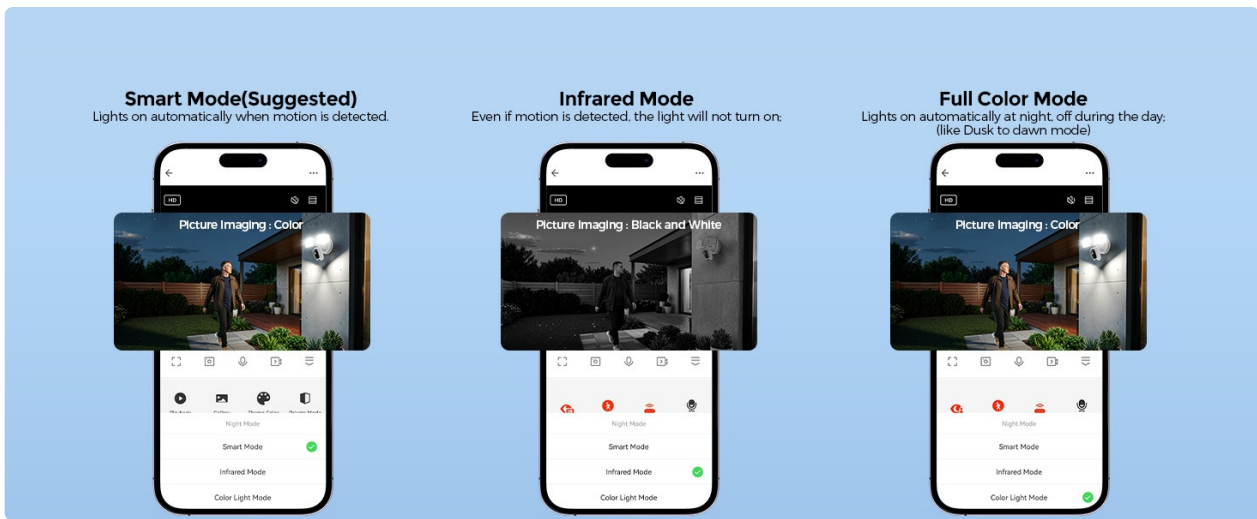


Image: Illustrates the camera's local recording capability via a Micro SD card (up to 256GB, not included) and the option for cloud storage with 24/7 recording.

## Dual-Band Wi-Fi Connectivity

The camera connects easily via 2.4GHz/5GHz Wi-Fi with full data encryption, providing flexible and secure connectivity options for various home network setups.



Image: A visual representation of dual-band Wi-Fi support (5GHz and 2.4GHz), detailing their respective benefits for connection speed, range, and penetration capability.

## MAINTENANCE

The Onforu Floodlight Camera is designed for outdoor use with an IP65 waterproof rating, ensuring durability against harsh weather conditions. Regular maintenance helps ensure optimal performance.

- **Cleaning:** Periodically clean the camera lens and floodlight surfaces with a soft, damp cloth to remove dust, dirt, or debris that may obstruct vision or reduce light output. Do not use harsh chemicals.
- **Firmware Updates:** Check the Onforu Home App regularly for available firmware updates to ensure your camera has the latest features and security enhancements.
- **Wiring Inspection:** Annually inspect the wiring and mounting for any signs of wear, damage, or loosening. Consult a qualified electrician if you notice any issues.



Image: The camera is shown in various weather conditions (snow, rain, sun), emphasizing its IP65 waterproof and weatherproof design.

## TROUBLESHOOTING

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If you encounter issues with your Onforu Floodlight Camera, try the following troubleshooting steps:

### Resetting the Device

You may need to reset the camera under certain circumstances:

- When you change your home Wi-Fi network.
- If you fail to link the camera to the app multiple times.

#### To reset the camera:

1. Locate the reset button on the top of the camera unit, usually under a small cover.
2. Use a small tool (like a paperclip) to press and hold the reset button for approximately 5 seconds until you hear a prompt sound.
3. Release the button. The camera will reset and be ready for reconnection.



Image: A detailed view of the reset button and Micro SD card slot, located on the top of the camera unit.

### Common Issues

- **No Power:** Check the circuit breaker and ensure all wiring connections are secure.
- **Wi-Fi Connection Issues:** Ensure your Wi-Fi network is active and within range. Verify the Wi-Fi password entered in the app is correct. Try moving the router closer or using a Wi-Fi extender.
- **Poor Video Quality:** Ensure the camera lens is clean and free from obstructions. Check your internet connection speed.
- **False Motion Alerts:** Adjust the motion detection sensitivity and customize motion zones in the app to reduce unwanted alerts.

## SPECIFICATIONS

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Feature	Specification
Brand	Onforu
Model Number	BDR35SX-2
Color	White
Material	Aluminum, Plastic
Power Source	Corded Electric
Voltage	120 Volts
Wattage	35 watts
Brightness	3500 Lumen
Connectivity Protocol	2.4GHz/5GHz Wi-Fi (Ethernet listed, but Wi-Fi is primary for this model)
Water Resistance Level	IP65 Waterproof
Storage	Micro SD Card (8-256GB, not included), Cloud Storage (optional subscription)
Special Features	2K QHD Camera, Color Night Vision, 2-Way Audio, Siren, Motion Activated, Adjustable Head, Dimmable, Works with Alexa and Google Assistant
Item Dimensions (L x W x H)	7"L x 5"W x 5"H
Item Weight	0.58 Kilograms
Included Components	Mounting Hardware

## WARRANTY INFORMATION

The Onforu 2K Hardwired Floodlight Camera (Model BDR35SX-2) comes with a **2-year manufacturer's warranty**. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the warranty documentation included with your product or contact Onforu customer support.

## CUSTOMER SUPPORT

For further assistance, technical support, or warranty inquiries, please contact Onforu customer service. You can typically find contact information on the official Onforu website or within the Onforu Home App.

### Online Resources:

- Visit the [Onforu Store on Amazon](#) for product information and updates.
- Check the FAQ section within the Onforu Home App for common questions and solutions.

