

## Andoer AgoKud

# Andoer Mini IR Night Vision Light Instruction Manual

Model: AgoKud

## 1. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before using the Andoer Mini IR Night Vision Light. Keep this manual for future reference.

- Do not expose the device to water or excessive moisture.
- Avoid direct eye exposure to the infrared light. While not visible, prolonged exposure can be harmful.
- Keep out of reach of children.
- Use only the provided USB Type-C cable for charging.
- Do not attempt to disassemble or modify the device.

## 2. PRODUCT OVERVIEW

The Andoer Mini IR Night Vision Light is a compact and portable infrared illuminator designed to enhance low-light and night vision capabilities for video cameras and camcorders. It features 49 IR lamp beads, adjustable brightness, and a built-in rechargeable battery, making it ideal for various photography and videography applications in dark environments.

# Mini IR Night Vision Light

Suitable for taking photos or recording video in a dark environment without enough light.



Figure 2.1: Andoer Mini IR Night Vision Light mounted on a camcorder, illustrating its effect in low light.



Figure 2.2: Front and back view of the IR light, highlighting key components.

### 3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Andoer Mini IR Night Vision Light
- USB Type-C Charging Cable
- Instruction Manual (this document)



Figure 3.1: Contents of the Andoer Mini IR Night Vision Light package.

## 4. SETUP

### 4.1 Charging the Battery

The device has a built-in 2000mAh rechargeable battery. Before first use, fully charge the light.

1. Connect the supplied USB Type-C cable to the charging port on the side of the IR light.
2. Connect the other end of the USB cable to a 5V USB power adapter (not included) or a computer USB port.
3. The charging indicator lights (usually blue LEDs) will illuminate to show charging status. They will typically turn off or change color when fully charged.

### 4.2 Mounting the Light

The IR light features a standard cold shoe mount for attachment to cameras, camcorders, or other compatible accessories.

1. Slide the cold shoe foot of the IR light into the cold shoe receiver on your camera or rig.
2. Tighten the locking wheel on the cold shoe foot clockwise until the light is securely fastened.

### 4.3 Attaching Multiple Lights (3 Cold Shoe Mounts Design)

The Andoer Mini IR Night Vision Light is designed with three additional cold shoe mounts on its sides, allowing you to connect multiple lights or other accessories (e.g., microphones, monitors) to create a more comprehensive setup.

1. Once the primary IR light is mounted, slide additional lights or accessories into the side cold shoe mounts.
2. Ensure each accessory is securely fastened if it has its own locking mechanism.

# 3 Cold Shoe Mounts Design

Supports multi-lamps Splicing.



Figure 4.1: Illustration of the 3 cold shoe mounts design for multi-lamp splicing.

## 5. OPERATION

### 5.1 Power On/Off

To power the device on or off, locate the power button (often a rotary switch or push button) on the unit.

- **Power On:** Press and hold the power button, or rotate the switch to the 'ON' position.

- **Power Off:** Press and hold the power button again, or rotate the switch to the 'OFF' position.

## 5.2 Adjusting Brightness

The IR light features adjustable brightness to suit different lighting conditions and desired effects.

- Rotate the dimmer dial or press the brightness adjustment buttons (if available) to increase or decrease the intensity of the infrared light.
- Observe the effect through your IR-compatible camera's viewfinder or screen.

## 5.3 Using with IR-Compatible Cameras

This IR light emits infrared radiation, which is invisible to the human eye. It is designed to work exclusively with cameras or camcorders that have built-in infrared (night vision) capabilities or have been modified for IR photography.

- Ensure your camera is set to its night vision or IR mode to properly utilize the light.
- The IR light provides additional illumination, extending the range and clarity of your camera's night vision.



Figure 5.1: Example of night vision camera footage with and without the IR light.

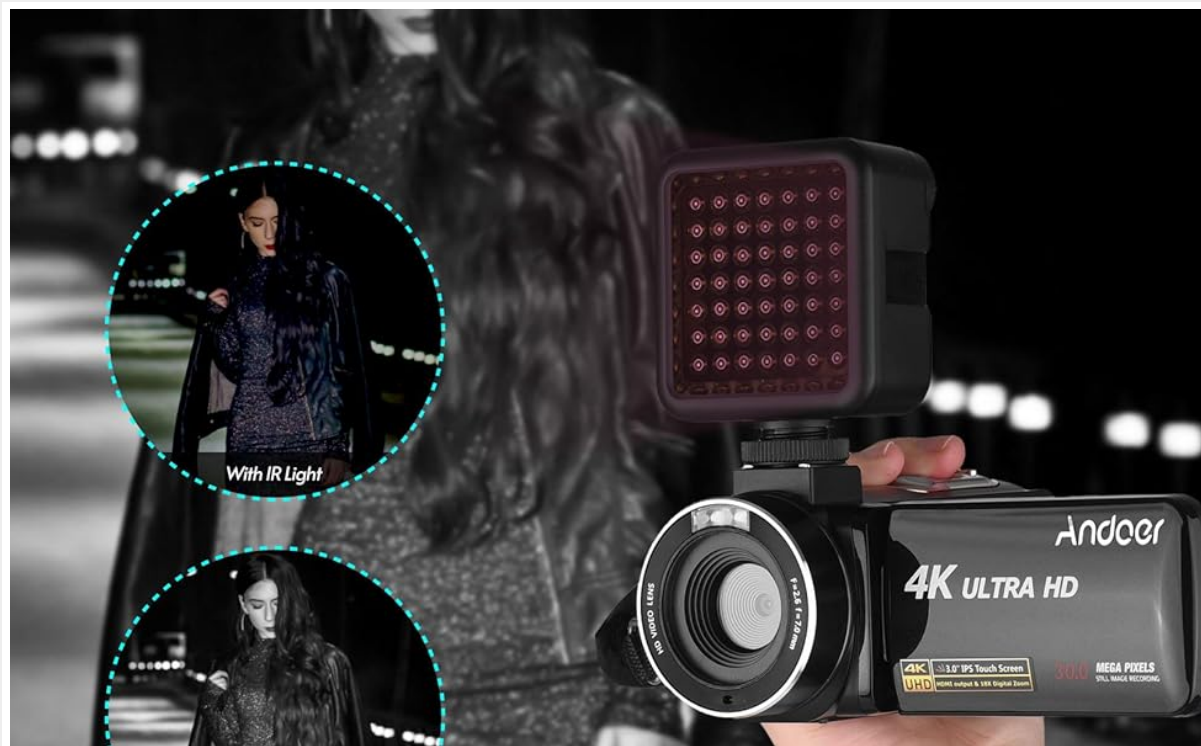


Figure 5.2: Enhanced illumination for photography using the IR light.

## 6. MAINTENANCE

Proper care ensures the longevity and optimal performance of your IR light.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the light. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. If storing for extended periods, charge the battery to about 50% every few months.

## 7. TROUBLESHOOTING

- **Light not turning on:**
  - Ensure the battery is charged. Connect to a power source and check charging indicators.
  - Verify the power button/switch is correctly engaged.
- **Poor illumination or no effect:**
  - Confirm your camera or camcorder is in an IR (night vision) compatible mode. The light is invisible to the naked eye.
  - Adjust the brightness level of the IR light.
  - Ensure there are no obstructions blocking the IR LEDs.
- **Battery not charging:**
  - Check the USB Type-C cable for damage and ensure it's securely connected.
  - Try a different USB power adapter or port.
- **Some LEDs appear dim or not working:**
  - While rare, individual LED failures can occur. If multiple LEDs are consistently not functioning,

contact customer support.

## 8. SPECIFICATIONS

Feature	Detail
Brand	Andoer
Model Number	AgoKud
Product Dimensions	2.64 x 1.18 x 3.15 inches (6.7 x 3 x 8 cm)
Item Weight	4.6 ounces (95g)
Connectivity Technology	Infrared, USB
Hardware Interface	USB Type-C
Compatible Shoe Mount Type	Cold Shoe
Battery Capacity	2000mAh (Built-in rechargeable)
IR Lamp Beads	49 pcs

## 9. WARRANTY AND SUPPORT

Andoer products are manufactured to high-quality standards. For warranty information, technical support, or any product-related inquiries, please refer to the contact information provided on the product packaging or the official Andoer website. Keep your purchase receipt as proof of purchase for warranty claims.