BUUBO R11

BUUBO R11 1080P Monocular Night Vision Device User Manual

Model: R11 (1005004552318343)

Introduction

This manual provides detailed instructions for the proper use and maintenance of your BUUBO R11 1080P Monocular Night Vision Device. Please read this manual thoroughly before operating the device to ensure optimal performance and longevity.

Package Contents

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- 1 x BUUBO R11 Night Vision Device
- 1 x USB Cable
- 1 x User Manual (this document)



Image: The BUUBO R11 Night Vision Device, a mini tripod, and the product's retail packaging. This illustrates the typical contents of the product package.

Product Features

The BUUBO R11 Monocular Night Vision Device is designed for both day and night use, offering advanced viewing capabilities with its infrared technology and digital zoom.

- **Video Resolution:** Full HD (1920x1080@30FPS) / HD (1280x720@30FPS)
- **Still Image Resolution:** Up to 10M (4032x2520)
- **Digital Zoom:** 5X magnification
- **Infrared Illumination:** 7 levels of 850nm no-glow adjustable IR LED for clear vision in complete darkness.
- **Viewing Distance:** Up to 200-300 meters in complete darkness; 3 meters to infinity in low light.
- **Display Screen:** Integrated 1.54-inch TFT inner screen.
- **Lens:** F 1.2 aperture, f=25mm, FOV=10° lens angle, 24mm diameter.
- **Storage:** Supports Micro SD card up to 128GB (card may be sold separately).

- **Durability:** IP56 waterproof rating.
- **Portability:** Lightweight and compact design for easy carrying.



Image: The night vision device on a tripod, highlighting its 4X digital zoom and 3X optical zoom, with a visual representation of its 200-meter viewing range.



Image: Illustration of the device's ability to provide clear vision in complete darkness, showcasing the effect of 7 levels of adjustable 850nm infrared LED on an owl's visibility.



Image: The night vision device being held and shown fitting into a pocket, demonstrating its compact and lightweight design for easy transport.

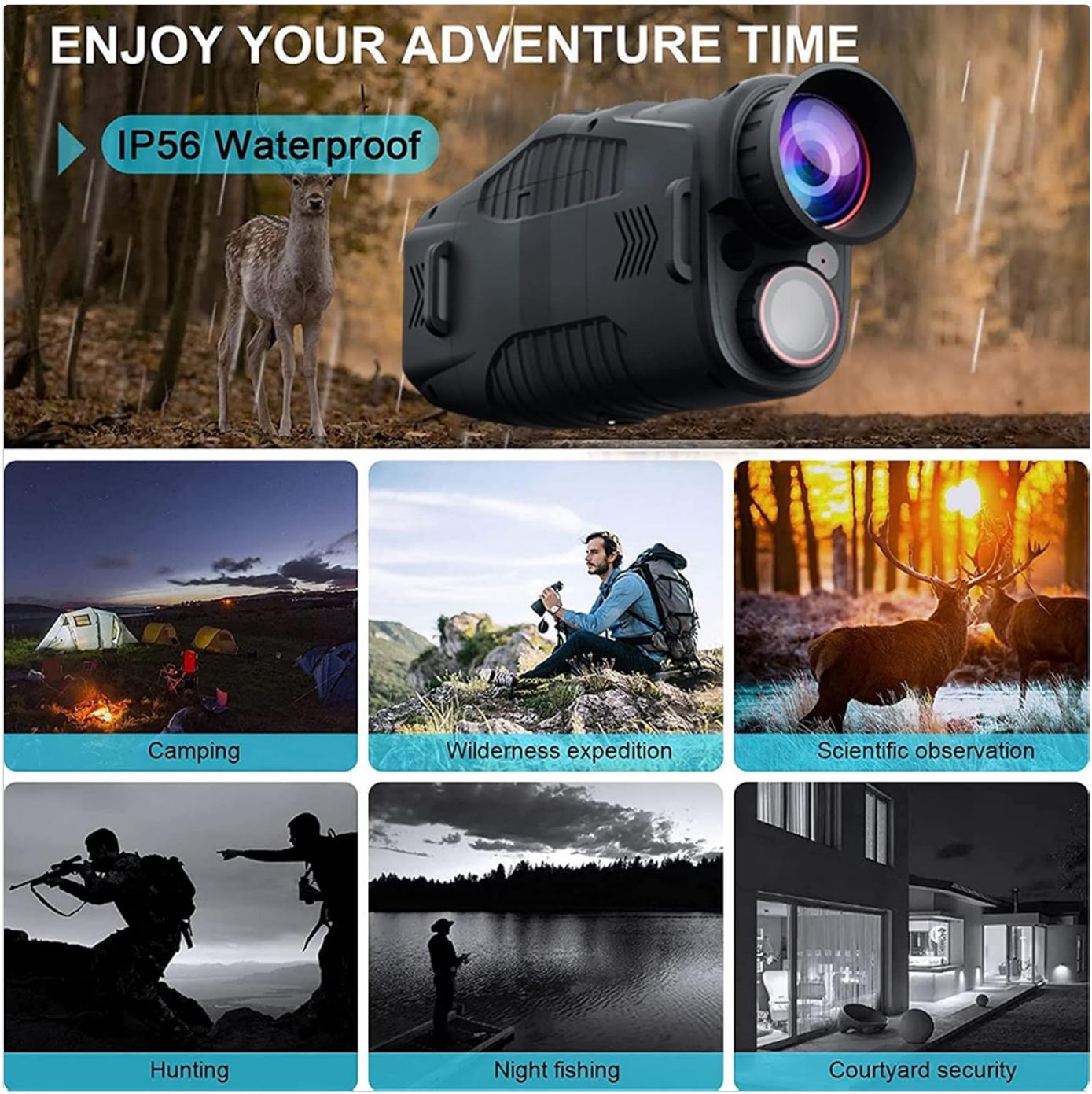


Image: The device shown in a rainy environment, indicating its IP56 waterproof rating. Below are icons representing various applications such as camping, wilderness expeditions, scientific observation, hunting, night fishing, and courtyard security.

Setup

1. Battery Installation

The BUUBO R11 requires 5x AA batteries (not included). To install:

1. Locate the battery compartment cover, usually on the underside or side of the device.
2. Open the cover by sliding or unlatching it.
3. Insert 5x AA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.

2. Micro SD Card Insertion

A Micro SD card (up to 128GB, not always included) is required to save photos and videos. To install:

1. Locate the Micro SD card slot, typically protected by a rubber flap.
2. Open the flap and gently insert the Micro SD card with the gold contacts facing down, until it clicks into place.
3. To remove, press the card gently until it springs out, then pull it out.
4. Close the rubber flap to protect the slot from dust and moisture.

Operating Instructions

1. Powering On/Off

Press and hold the **Power** button (usually marked with a power symbol) for a few seconds to turn the device on or off. The internal display will illuminate.

2. Mode Selection

Press the **Mode** button to cycle through available modes: Photo, Video, and Playback.

3. Adjusting Digital Zoom

While in Photo or Video mode, use the **Zoom In** (+) and **Zoom Out** (-) buttons to adjust the digital magnification up to 5X.

4. Adjusting IR Illumination

In low light or complete darkness, press the **IR** button (often integrated with another function or a dedicated button) to activate the infrared illuminator. Repeatedly press the button to cycle through 7 levels of IR intensity. Higher levels provide brighter illumination but consume more battery power.

5. Capturing Photos and Videos

1. Select **Photo** mode for still images or **Video** mode for recording.
2. Frame your subject using the internal display.
3. Press the **Shutter/Record** button (often the **OK** or **Menu** button) to take a photo or start/stop video recording.

6. Playback

In **Playback** mode, use the navigation buttons (often the Zoom In/Out buttons) to browse through your saved photos and videos. Press the **OK** button to view a selected item or play a video.



Image: A visual comparison demonstrating the device's capability for clear photos and videos in both day (color) and night (infrared black and white) conditions. Also shown is the playback function and an included 64GB Micro SD card.

Maintenance

1. Cleaning the Device

To maintain optical clarity and device performance:

- Use a soft, lint-free cloth to gently wipe the lenses. For stubborn smudges, a lens cleaning solution designed for optics can be used sparingly.
- Wipe the body of the device with a soft, dry cloth. Avoid abrasive cleaners or solvents.
- Ensure all port covers (e.g., USB, SD card slot) are closed when not in use to prevent dust and moisture ingress.

2. Storage

When not in use for extended periods:

- Remove all batteries to prevent leakage and damage to the device.
- Store the device in a cool, dry place, away from direct sunlight and extreme temperatures.
- Use the provided carrying case or a protective pouch to prevent scratches and impacts.

Troubleshooting

If you encounter issues with your BUUBO R11 Night Vision Device, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not power on.	Low or dead batteries; incorrect battery installation.	Replace with fresh AA batteries. Ensure correct polarity.
Poor image quality in darkness.	IR illuminator off or set to low intensity; dirty lens.	Increase IR intensity. Clean the objective lens.
Cannot save photos/videos.	No Micro SD card inserted; SD card full or corrupted.	Insert a Micro SD card. Format or replace the SD card. Ensure card is not locked.
Screen is blank or flickering.	Low battery; device malfunction.	Replace batteries. If problem persists, contact customer support.

Specifications

Still Image Size	10M (4032*2520) / 8M (3800*2160) / 5M (3200*1800) / 3M (2560*1440) / VGA (640x480)
Video Size	FHD (1920x1080@30FPS) / HD (1280*720@30FPS)
Aperture	F 1.2 f=25mm
Lens Angle	FOV=10°, diameter is 24mm
Display Screen	Inner screen 1.54" TFT
Digital Zoom	5X
Viewing Distance (All Dark)	200M-300M
Viewing Distance (Weak Light)	3M~infinity
IR LED	3W, 850nm
USB Port	Micro USB 2.0
Power Source	5x AA Batteries
Storage Media	Micro SD card up to 128GB
Operating Temperature	-20°C to +60°C (-4°F to +140°F)
Storage Temperature	-30°C to +70°C (-22°F to +158°F)
Weight	Approx. 191.5g (device only) / 500g (packaged)

Waterproof Rating	IP56

Warranty and Support

For warranty information and technical support, please refer to the documentation provided with your purchase or contact the retailer. Keep your proof of purchase for warranty claims.
For further assistance, please visit the official BUUBO website or contact their customer service department.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question