MiLESEEY BNV21

MiLESEEY BNV21 4K Night Vision Goggles

Instruction Manual

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1. Introduction

The MiLESEEY BNV21 4K Night Vision Goggles are advanced optical devices designed for both day and night observation, capturing high-resolution photos and videos. Featuring adjustable infrared illumination, digital zoom, and a large display, these binoculars are suitable for various outdoor activities including hunting, camping, wildlife observation, and security.

What's in the Box

- BNV21 4K Night Vision Goggles
- USB Charging Cable
- 32GB TF Card
- User Manual (this document)



The Night Vision Goggles BNV21 package includes the main unit, a USB charging cable, and a 32GB TF memory card for recording.

2. Setup

2.1 Charging the Battery

The BNV21 goggles are equipped with a built-in 4000mAh rechargeable lithium-ion battery. Before first use, fully charge the device.

1. Connect the provided USB charging cable to the charging port on the goggles.
2. Connect the other end of the USB cable to a compatible USB power adapter (not included) or a computer USB port.
3. The charging indicator will illuminate. Once fully charged, the indicator will change or turn off.



The night vision goggles are powered by a 4000mAh rechargeable battery, providing extended operational time.

2.2 Inserting the TF Card

A 32GB TF card is included for storing photos and videos. Ensure it is properly inserted before use.

1. Locate the TF card slot on the side of the goggles.
2. Gently insert the TF card into the slot with the gold contacts facing down until it clicks into place.
3. To remove, gently push the card in until it springs out.



The side of the binoculars houses the TF card slot for memory expansion and various control buttons for operation.

2.3 Initial Power On and Focus Adjustment

1. Press and hold the Power button to turn on the device.
2. Adjust the focus wheel located on the front of the binoculars until the image on the screen is clear.
3. If wearing glasses, the generous eyepiece design allows for comfortable viewing with or without them.

3. Operating the Device

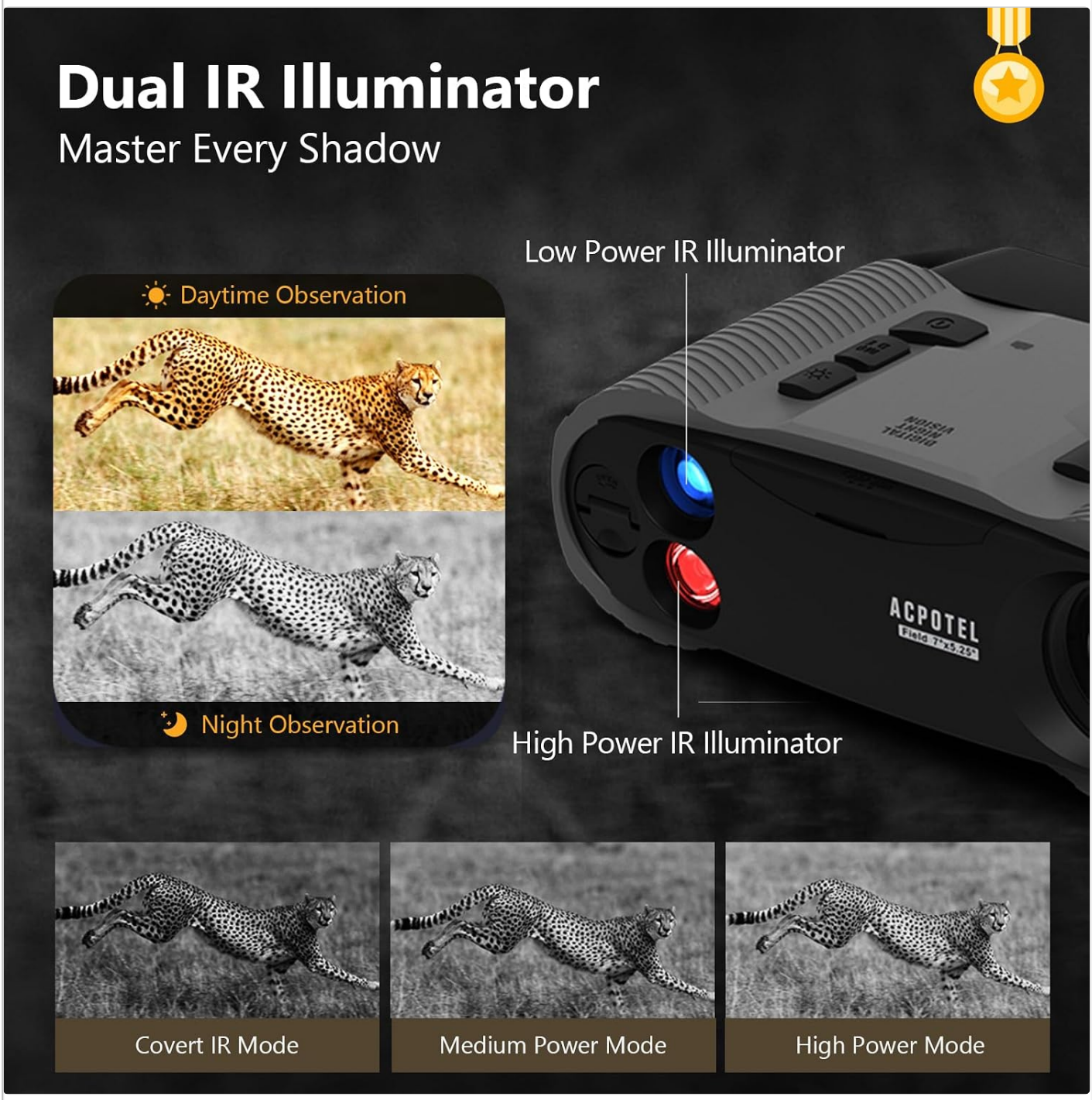
3.1 Power On/Off

To power on, press and hold the **Power** button until the screen illuminates. To power off, press and hold the **Power** button again until the screen shuts down.

3.2 Day and Night Observation Modes

The BNV21 goggles are designed for both daytime and nighttime use. In low light or complete darkness, activate the infrared (IR) illuminators.

1. **Daytime Mode:** No IR illumination is needed. The device operates in full color.
2. **Nighttime Mode:** Press the **IR** button to cycle through 3 levels of adjustable infrared brightness (Low, Medium, High). This allows clear visibility up to 656 feet in total darkness.

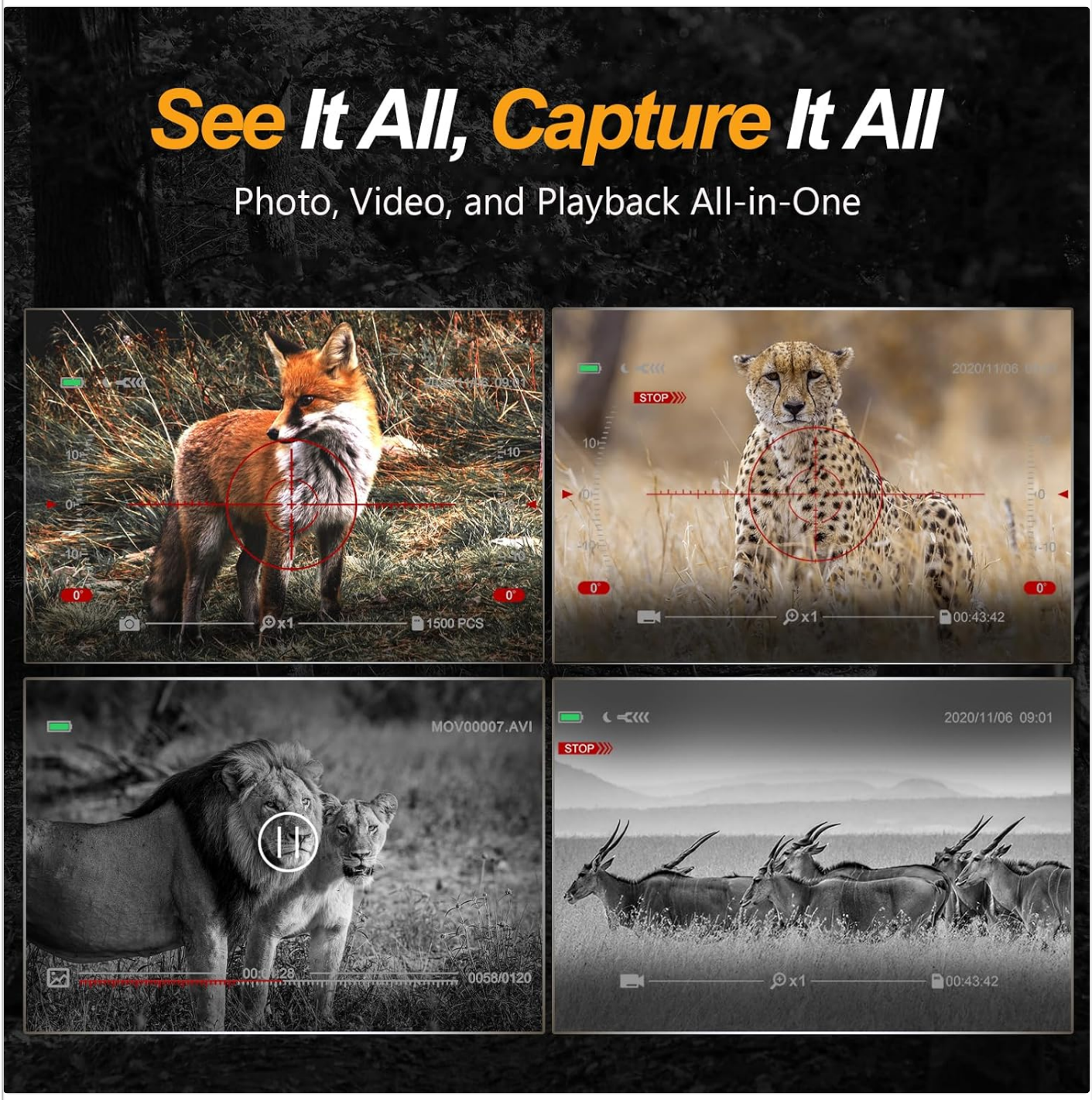


The device features both low and high power infrared illuminators for optimal visibility in varying dark conditions, allowing clear observation day or night.

3.3 Digital Zoom and Magnification

The device features 8x digital zoom to magnify your view.

1. While observing, use the **Zoom In** and **Zoom Out** buttons to adjust the magnification level.
2. The current zoom level will be displayed on the screen.



Benefit from 5X optical zoom and up to 8X digital magnification to bring distant subjects into clear view.

3.4 Photo and Video Capture

The BNV21 allows you to capture 4K Ultra HD video and 36MP high-resolution photos.

1. **Switching Modes:** Use the **Mode** button to switch between Photo, Video, and Playback modes.
2. **Taking Photos:** In Photo mode, press the **Shutter** button to take a picture.
3. **Recording Videos:** In Video mode, press the **Record** button to start recording. Press it again to stop.



The device supports capturing 4K video and 36MP photos, with integrated playback functionality directly on the screen.

3.5 Playback

Review your captured photos and videos directly on the device's screen.

1. Switch to Playback mode using the **Mode** button.
2. Use the navigation buttons to browse through your files.
3. Press the **OK** button to view a photo or play a video.



Experience an immersive view through the 3-inch IPS internal display, projected onto a 4.5-inch Ultra HD display screen for enhanced clarity.

3.6 Tripod Compatibility

For extended observation or stable recording, the BNV21 goggles can be mounted on a standard tripod.

- Locate the tripod screw hole at the bottom of the device.
- Securely attach the goggles to a compatible tripod.



The night vision goggles are equipped with a standard tripod mount, allowing for stable, hands-free observation.

4. Maintenance

4.1 Cleaning

- **Lenses:** Use a soft, lint-free cloth specifically designed for optical lenses. Gently wipe the lens surfaces to remove dust or smudges. Do not use abrasive materials or harsh chemicals.
- **Body:** Wipe the body of the goggles with a soft, damp cloth. Avoid getting water into electronic components.

4.2 Storage

- Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- If storing for an extended period, ensure the battery is partially charged (around 50%) and recharge it every few months to maintain battery health.
- Keep the lens caps on when not in use to protect the lenses from dust and scratches.

4.3 Battery Care

- Avoid fully discharging the battery frequently.
- Use only the provided USB cable for charging.
- Do not expose the battery to high temperatures or puncture it.

5. Troubleshooting

Problem	Possible Cause	Solution
Device does not power on.	Battery is depleted.	Charge the battery fully.
Image is blurry.	Focus is not adjusted correctly.	Adjust the focus wheel until the image is clear.
Cannot record photos/videos.	TF card is full or not inserted correctly.	Check TF card insertion. Delete old files or replace with a new TF card. Ensure enough storage space.
Poor visibility in darkness.	IR illuminator is off or set too low.	Activate or increase the IR brightness level.
Device freezes or becomes unresponsive.	Temporary software glitch.	Press and hold the Power button for 10 seconds to force a restart. If issue persists, contact support.

6. Specifications

Feature	Detail
Model	BNV21
Image Resolution	Up to 36MP
Video Resolution	Up to 4K Ultra HD
Digital Zoom	8x

Feature	Detail
Objective Lens Diameter	50 Millimeters
Display Screen	3-inch IPS internal display, 4.5-inch Ultra HD display screen
Field of View	12.9°
Infrared Illuminator	3 levels adjustable, high and low power
Night Vision Range	Up to 656 feet (200 meters) in total darkness
Storage	32GB TF Card (included)
Battery	4000mAh Rechargeable Lithium Ion (included)
Operating Voltage	3.7V DC
Continuous Use Time	Up to 10 hours
Item Weight	3.76 pounds
Dimensions	11.89 x 8.23 x 4.29 inches
Special Features	Built-In Camera, High Magnification, Image Stabilization, Night Vision, Shock Resistant

7. Warranty & Support

7.1 Product Warranty

MiLESEEY products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the warranty information provided with your purchase or visit the official MiLESEEY website. Keep your proof of purchase for any warranty claims.

7.2 Customer Support

If you encounter any issues or have questions regarding your MiLESEEY BNV21 Night Vision Goggles that are not covered in this manual, please contact MiLESEEY customer support through their official website or the retailer from whom you purchased the product. Provide your product model number (BNV21) and a detailed description of the issue for faster assistance.
For the latest information and support resources, please visit the**MiLESEEY Store on Amazon**.

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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