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HOTPEAK NV04

HOTPEAK NV04 Night Vision Binoculars with Rangefinder User Manual

Model: NV04

1. Introduction

Thank you for choosing the HOTPEAK NV04 Night Vision Binoculars with Rangefinder. This device combines advanced night vision capabilities with precise laser rangefinding, 4K video recording, and 48MP photo capture. Designed for outdoor enthusiasts, hunters, and security personnel, it offers clear observation in various lighting conditions, from dusk to complete darkness. Please read this manual thoroughly before use to ensure optimal performance and safety.

2. Package Contents

Verify that all items listed below are included in your package:

- 1 × HOTPEAK NV04 Night Vision Binoculars with Rangefinder
- 1 × Hard Protective Case
- 1 × 64GB TF Card (pre-installed or separate)
- 1 × Type-C Charging Cable
- 1 × Adjustable Neck Strap
- 1 × User Manual



Image: All components included in the HOTPEAK NV04 package, including the binoculars, protective case, memory card, charging cable, neck strap, and user manual.

3. Product Features

- **Advanced Rangefinder:** Integrated laser rangefinder with 5 modes (Single measurement, 10-second continuous scan, slope measurement, continuous slope measurement, and moving target speed measurement) for distances up to 1200 yards.
- **Powerful Night Vision:** 9 adjustable infrared (IR) levels and 18x digital zoom provide a night viewing range of up to 1986ft.
- **High-Resolution Imaging:** Capture crisp 4K video and detailed 48MP photos.
- **Extended Battery Life:** Built-in 5000mAh rechargeable battery supports up to 16 hours of daytime use (IR off) and up to 10 hours of continuous night vision (IR on).

- **Ample Storage:** Includes a 64GB TF card, expandable up to 128GB, capable of storing approximately 12 hours of 4K video or 20,000 high-resolution photos.
- **User-Friendly Design:** Features 3-level backlit buttons for comfortable use in any lighting, a built-in flashlight for additional illumination, and a 1/4" tripod mount for stable, hands-free operation.



Image: The NV04 Night Vision Goggles highlighting its 4K video and 48MP photo capabilities.

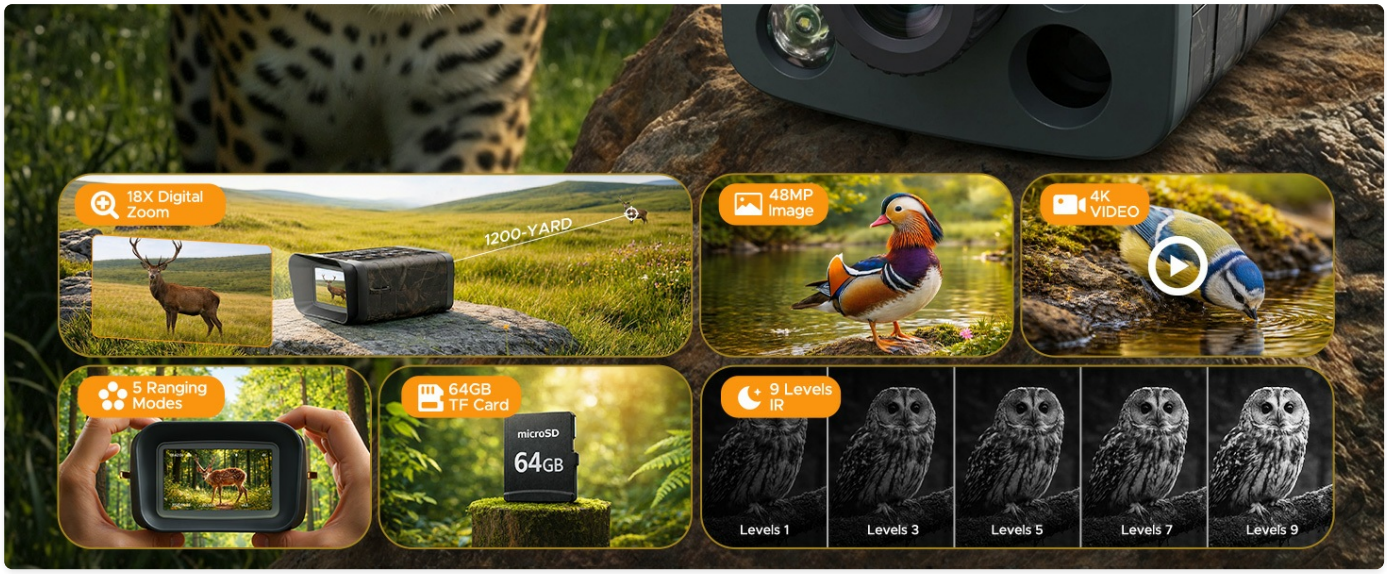


Image: The NV04 Night Vision Goggles showcasing its 5-mode rangefinding function.



Image: The NV04 Night Vision Goggles demonstrating its 18x digital zoom capability.

4. Setup

4.1 Charging the Device

1. Connect the provided Type-C charging cable to the device's charging port.
2. Connect the other end of the cable to a USB power adapter (not included) or a computer's USB port.
3. The charging indicator light will illuminate. Allow approximately 4-5 hours for a full charge.

4.2 Inserting/Removing the TF Card

The device comes with a 64GB TF card. If you need to replace or remove it:

1. Locate the TF card slot, usually protected by a rubber cover.
2. Gently push the card until it clicks into place to insert. To remove, push again until it springs out.

4.3 Attaching the Neck Strap

Attach the adjustable neck strap to the designated loops on the sides of the binoculars for secure carrying.

5. Operating Instructions

5.1 Power On/Off

- To power on: Press and hold the **Power button** (usually marked with a circle and a vertical line) for a few seconds until the screen illuminates.
- To power off: Press and hold the **Power button** again until the screen turns off.

5.2 Focus Adjustment

Use the focus knob located on the front of the device to adjust the clarity of the image. Rotate it clockwise or counter-clockwise until the image on the screen is sharp.



Image: Close-up of the NV04 Night Vision Goggles showing the manual focus knob for clear imaging.

5.3 Mode Selection

Press the **MODE button** to cycle through different operational modes:

- **Photo Mode:** Capture still images.
- **Video Mode:** Record video footage.
- **Playback Mode:** Review captured photos and videos.

5.4 Digital Zoom

Use the **Zoom In (+)** and **Zoom Out (-)** buttons to adjust the digital magnification up to 18x.

5.5 Infrared (IR) Illumination

In low-light or nighttime conditions, activate and adjust the IR illuminator:

- Press the **IR Up/Zoom In button** to increase IR intensity (9 levels available).
- Press the **IR Down/Zoom Out button** to decrease IR intensity.

5.6 Rangefinder Function

The device features a laser rangefinder with multiple measurement modes:

- **Single Measurement:** Press the **DM button** once to measure the distance to a single target.
- **Continuous Scan:** Press and hold the **DM button** for 10 seconds for continuous distance scanning.
- **Slope Measurement:** Provides distance adjusted for incline/decline.
- **Moving Target Speed Measurement:** Measures the speed of moving objects.
- To switch between measurement units (meters, yards, feet): Press and hold the**DM button** for 2-3 seconds.



Image: The NV04 Night Vision Goggles display showing rangefinding information, including distance and slope.

5.7 Built-in Flashlight

Press the **Flashlight button** (marked with a flashlight icon) to turn the built-in flashlight on or off. Long press for SOS signal.

5.8 Backlit Buttons

The control buttons feature 3-level backlighting for easy operation in dark environments. Press the**KEY button** to adjust the backlight level.



Image: The NV04 Night Vision Goggles highlighting its 3-stage backlit buttons for easy night operation.

5.9 Video Demonstration

Your browser does not support the video tag.

Video: Official product video demonstrating the 4K Night Vision Goggles with Rangefinder, showcasing its features and capabilities.

6. Maintenance

- **Cleaning:** Use a soft, lint-free cloth to clean the lenses. For stubborn dirt, use a lens cleaning solution specifically designed for optics. Do not use abrasive materials.
- **Storage:** Store the binoculars in the provided hard protective case in a cool, dry place when not in use. Avoid extreme temperatures and humidity.
- **Battery Care:** For long-term storage, ensure the battery is charged to about 50-70% to prolong its lifespan. Recharge periodically if stored for extended periods.

7. Troubleshooting

Problem	Possible Cause	Solution
Device does not power on.	Low battery or power button not held long enough.	Charge the device fully. Ensure the power button is pressed and held for 3-5 seconds.
Image is blurry.	Improper focus adjustment.	Adjust the focus knob until the image is clear.
Poor night vision performance.	IR illuminator off or set to low intensity.	Activate the IR illuminator and increase its intensity using the IR Up button.
Cannot record or save files.	TF card full, not inserted correctly, or corrupted.	Check TF card storage, reinsert it, or try a different card. Format the card if necessary (this will erase all data).

8. Specifications

- **Brand:** HOTPEAK
- **Model Name:** NV04 Night Vision Goggles
- **Manufacturer Part Number:** NV04
- **Magnification Maximum:** 18x (Digital Zoom)
- **Objective Lens Diameter:** 25 Millimeters
- **Exit-Pupil Diameter:** 25 Millimeters
- **Field of View:** 12 Degrees
- **Focus Type:** Manual Focus
- **Low Light Technology:** Yes
- **Color:** NIGHT CAMO
- **Enclosure Material:** Oxford Fabric
- **UPC:** 758918451987
- **GTIN:** 758918451987

9. Warranty and Support

The HOTPEAK NV04 Night Vision Binoculars come with a**1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper maintenance.
For technical support, warranty claims, or any questions regarding your device, please refer to the contact information provided in the included User Manual or visit the official HOTPEAK website.

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

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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

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