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> VISLONE Digital Night Vision Monocular User Manual

VISLONE NK007S

VISLONE Digital Night Vision Monocular User Manual

Model: NK007S

1. INTRODUCTION

Thank you for choosing the VISLONE Digital Night Vision Monocular, Model NK007S. This device is designed to provide clear visibility in low-light and complete darkness conditions, making it ideal for various outdoor activities such as night reconnaissance, camping, fishing, boating, and wildlife observation. This manual provides detailed instructions on how to set up, operate, and maintain your night vision monocular to ensure optimal performance and longevity.



Figure 1: VISLONE Digital Night Vision Monocular (Model NK007S)

This image shows the main unit of the VISLONE Digital Night Vision Monocular, a compact black device with an objective lens at one end and an eyepiece at the other, featuring control buttons on the top surface.

2. PRODUCT FEATURES

The VISLONE Digital Night Vision Monocular offers a range of advanced features for superior performance:

- **High Transparency 720P Infrared Night Vision:** Provides clear viewing in dark or low-light environments.
- **Adjustable LED IR Illuminator:** Equipped with an infrared LED illuminator, allowing manual adjustment of light intensity for optimal viewing.
- **Extended Observation Range:** Maximum visible distance of up to 100-200 meters in complete darkness.
- **Photo and Video Recording:** Supports capturing photos and recording videos directly to a memory card (not included).
- **On-Screen Playback:** Recorded media can be played back directly on the device's screen with full-screen display support.
- **Durable Construction:** Made from high-quality ABS structure, ensuring fine workmanship, good durability, sturdiness, and resistance to drops and damage.
- **Versatile Applications:** Perfect for night reconnaissance, camping, fishing, boating, wildlife observation, and other outdoor activities.

Night Vision Scope

Made of high-uality ABS housing, fine workmanship, nice durability, sturdy, drop resistant and not easily damaged.



Figure 2: Durable ABS Housing

This image highlights the robust construction of the night vision scope, emphasizing its high-quality ABS housing, fine workmanship, and durability, making it sturdy and drop-resistant.

3. PACKAGE CONTENTS

Upon opening the package, please verify that all the following items are included:

- 1 x VISLONE Digital Night Vision Monocular (Model NK007S)

Note: Memory card is not included and must be purchased separately.

4. SETUP AND INSTALLATION

Follow these steps to set up your VISLONE Digital Night Vision Monocular:

1. **Battery Installation:** Locate the battery compartment (refer to Figure 4). Insert the required batteries, ensuring correct polarity.
2. **Memory Card Insertion:** Locate the TF card slot (refer to Figure 4). Gently insert a compatible memory card (microSD) until it clicks into place.
3. **Mounting (Optional):** If attaching to a scope, disassemble the necessary components as shown in Figure 3. Align the night vision monocular with your existing scope and secure it using the quick ring interface. Ensure a snug and stable fit.

How to install the NK007

The scopes in the picture is not included in delivery.

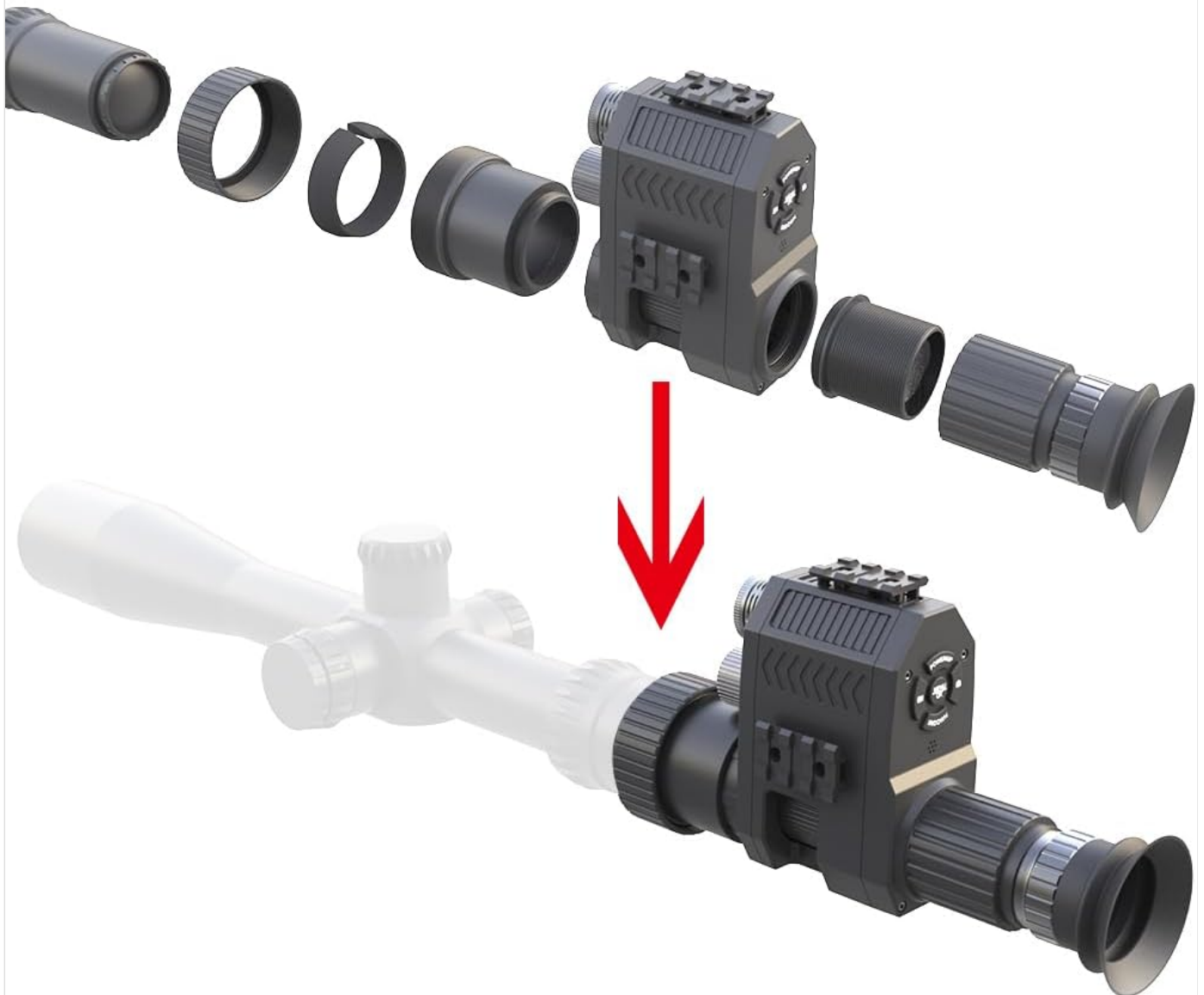


Figure 3: Installation Diagram

This diagram illustrates the step-by-step process of installing the NK007 night vision monocular onto a scope, showing the various components and how they fit together. Note that the scope itself is not included.

How to use the NK007



Figure 4: NK007 Component Overview and Controls

This image provides a detailed view of the NK007, highlighting key components such as the TF card slot, battery compartment, objective lens, focusing wheel, quick ring interface, and the laser IR flashlight. It also labels the control buttons for power, menu, video recording, photo capture, and IR adjustment.

5. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and functions of your night vision monocular:

5.1 Basic Controls (Refer to Figure 4)

- **POWER UP / POWER ON/OFF:** Short press for power up, long press to turn the device on or off.
- **OK / MENU:** Short press for OK/confirm, long press to access the menu.
- **VIDEO RECORD START/PAUSE / VIDEO PLAYBACK:** Short press to start or pause video recording, long press to enter video playback mode.

- **TAKE PHOTOS / VIEW PHOTOS:** Short press to take a photo, long press to view captured photos.
- **TURN ON IR:** Long press the 'DOWN' button to turn on the infrared illuminator.

5.2 Adjustments (Refer to Figure 5)

- **Adjust the IR:** Use the adjustment mechanism on the side to fine-tune the infrared illuminator. The adjustment range is 10 mm.
- **Adjust the Lens (Diopter Adjustment):** Rotate the eyepiece (marked '1' in Figure 5) for fine-tune focus.
- **High Presbyopia Adjustment:** Rotate the larger ring on the eyepiece (marked '2' in Figure 5) for high presbyopia adjustment, with a range of 35 mm.
- **Objective Lens Focusing Wheel:** Rotate the focusing wheel near the objective lens to achieve clear focus on objects at various distances.

How to adjust the NK007



Figure 5: Adjustment Points

This image illustrates the adjustment points on the NK007 night vision monocular, showing how to adjust the IR illuminator and the lens for fine-tuning and high presbyopia adjustment.

5.3 Photo and Video Recording

To capture images or videos, ensure a memory card is inserted. Use the dedicated buttons as described in Section 5.1. Recorded media can be reviewed directly on the device's screen.

6. MAINTENANCE

Proper maintenance will extend the life of your night vision monocular:

- **Cleaning Lenses:** Use a soft, lint-free cloth specifically designed for optical lenses. Do not use abrasive materials or harsh chemicals.
- **Cleaning Body:** Wipe the body with a soft, damp cloth. Avoid excessive moisture.
- **Storage:** Store the device in a cool, dry place, away from direct sunlight and extreme temperatures. Remove batteries if storing for extended periods to prevent leakage.
- **Protection:** Always use lens caps when the device is not in use to protect the lenses from dust and scratches.

7. TROUBLESHOOTING

If you encounter issues with your device, please 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 batteries; ensure correct polarity.
Image is blurry.	Improper focus; dirty lenses.	Adjust the objective lens focusing wheel and eyepiece diopter; clean lenses.
Cannot record photos/videos.	No memory card inserted; memory card full or corrupted.	Insert a memory card; delete files or format the card; try a different card.
IR illuminator not working.	IR function not activated; low battery.	Long press the 'DOWN' button to activate IR; check battery level.

If the problem persists after trying these solutions, please contact VISLONE customer support for further assistance.

8. SPECIFICATIONS

Detailed technical specifications for the VISLONE Digital Night Vision Monocular:

- Color:** Black
- IR Type:** LED IR
- Visible Distance (Dark):** 100-200M (LED IR)
- Screen:** 240 x 240, 1.3-inch TFT screen (60% real display area)
- Video Resolution:** 1280*720
- Camera Lens:** 16 mm clear lens
- Sensor:** 720P 130W pixel
- Supported Languages:** Chinese, English, German, Italian, Spanish, French, Portuguese, Russian
- Item Size:** 117 * 95 * 65 mm (4.6 * 3.7 * 2.6 inches)
- Material:** Acrylonitrile Butadiene Styrene (ABS)
- Compatible Devices:** Camcorder

NK007S-1
LED IR: 100-200M



Figure 6: NK007S-1 Key Specifications

This image displays key specifications for the NK007S-1 model, including LED IR range of 100-200M and 720P resolution, alongside a visual representation of the device.

9. WARRANTY AND SUPPORT

VISLONE is committed to providing high-quality products and excellent customer service. While specific warranty details are not provided in this manual, please retain your proof of purchase for any warranty claims. For technical support, troubleshooting assistance, or inquiries about your product, please visit the official VISLONE website or contact their customer service department through the retailer where you purchased the product.

VISLONE aims to ensure a convenient and efficient experience for all users, continuously striving for improvement and innovation.

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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.

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