

## GUOWENHA NK007

# GUOWENHA NK007 Night Vision Monocular User Manual

## 1. INTRODUCTION

Thank you for choosing the GUOWENHA NK007 Night Vision Monocular. 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 for the proper setup, operation, and maintenance of your night vision monocular to ensure optimal performance and longevity.

## 2. PRODUCT OVERVIEW

The NK007 is a high-definition infrared night vision monocular equipped with advanced features for enhanced nocturnal viewing. It features a durable ABS housing, a 720P sensor, and an infrared illuminator for extended observation distances.



**Figure 2.1:** Front view of the GUOWENHA NK007 Night Vision Monocular, showcasing its compact design and objective lens.



**Figure 2.2:** Side view of the GUOWENHA NK007 Night Vision Monocular, highlighting the eyepiece and control knobs.

## 2.1 Key Features

- **High-Definition Imaging:** 720P resolution for clear viewing in dark or dimly lit environments.
- **Infrared Illuminator:** Equipped with a Laser infrared illuminator, manually adjustable, providing an observation distance of up to 200-400 meters.
- **Photo and Video Recording:** Supports taking photos and recording videos (memory card not included), with playback functionality directly on the device screen.
- **Durable Construction:** Made from high-quality ABS housing, ensuring durability and resistance to drops.
- **Multi-Language Support:** Available in Chinese, English, German, Italian, Spanish, French, Portuguese, and Russian.

## 2.2 Package Contents

Upon unpacking, please verify that all items listed below are present:

- 1 x GUOWENHA NK007 Night Vision Scope
- Adaptor Rings (40/42/45/47MM) for 38-48MM riflescopes



Figure 2.3: Included accessories: Night Vision Scope and various adaptor rings.

## 3. SETUP

### 3.1 Installing the Monocular

The NK007 Night Vision Monocular can be attached to a riflescope using the provided adaptor rings. Follow these steps for proper installation:

1. Select the appropriate adaptor ring (40/42/45/47MM) that matches the diameter of your riflescope's eyepiece (suitable for 38-48MM riflescopes).
2. Securely attach the chosen adaptor ring to the eyepiece of your riflescope.
3. Mount the NK007 Night Vision Monocular onto the adaptor ring. Ensure it is firmly seated and aligned.



Figure 3.1: Diagram illustrating the installation process of the NK007 onto a riflescope using adaptor rings.

### 3.2 Inserting a Memory Card

To enable photo and video recording, a memory card (not included) must be inserted into the designated slot on the device. Ensure the memory card is inserted correctly according to the device's orientation markings.

## 4. OPERATING INSTRUCTIONS

Familiarize yourself with the controls on your NK007 Night Vision Monocular for effective operation.



Figure 4.1: Front view of the NK007 showing the control buttons for power, menu, and IR adjustment.

#### 4.1 Powering On/Off

Locate the power button on the device. Press and hold the power button for a few seconds to turn the monocular on. Repeat the action to power it off.

#### 4.2 Adjusting Infrared Illumination

The NK007 features a Las-er infrared illuminator. Use the designated IR adjustment controls (often labeled 'IR/DOWN' or similar, as seen in Figure 4.1) to manually increase or decrease the infrared light intensity. Adjusting the IR level helps optimize visibility based on ambient light conditions and desired observation distance.

#### 4.3 Taking Photos and Recording Videos

With a memory card inserted, you can capture images and videos:

- **Photo Mode:** Navigate to the photo mode using the menu button. Press the designated button (often 'OK' or a shutter icon) to take a picture.
- **Video Mode:** Switch to video recording mode via the menu. Press the record button to start and stop video capture.

Captured media can be played back directly on the monocular's screen.

#### 4.4 Language Settings

To change the device language:

1. Press the 'MENU' button to access the settings.
2. Navigate through the menu options to find 'Language'.

3. Select your preferred language from the available options: Chinese, English, German, Italian, Spanish, French, Portuguese, or Russian.
4. Confirm your selection to apply the change.

## 5. MAINTENANCE

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Proper maintenance ensures the longevity and optimal performance of your NK007 Night Vision Monocular.

### 5.1 Cleaning the Device

- **Exterior:** Wipe the ABS housing with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Lenses:** The lenses feature a scratch-resistant coating. Use a specialized lens cleaning cloth and solution to gently clean the objective and eyepiece lenses. Do not use paper towels or rough fabrics, as these can scratch the lens surface.

### 5.2 Storage

When not in use, store the monocular in a dry, cool place, away from direct sunlight and extreme temperatures. If storing for extended periods, remove any batteries to prevent leakage.

## 6. TROUBLESHOOTING

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If you encounter issues with your NK007 Night Vision Monocular, please refer to the following common solutions:

- **No Power:** Ensure batteries are correctly inserted and fully charged. Check for any corrosion on battery terminals.
- **Poor Image Quality:** Adjust the focus and IR illuminator intensity. Ensure lenses are clean and free from smudges or debris.
- **Recording Issues:** Verify that a compatible memory card is inserted and has sufficient free space. Check memory card formatting.

If problems persist, please contact GUOWENHA customer support for further assistance.

## 7. SPECIFICATIONS

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Below are the technical specifications for the GUOWENHA NK007 Night Vision Monocular:

Feature	Specification
Color	Black
IR Type	LED IR / Las-er IR (optional)
Visible Distance (LED IR)	100-200M
Visible Distance (Las-er IR)	200-400M
Screen	240*240, 1.3 inch TFT screen, 60% actual area
Video Resolution	1280*720

Feature	Specification
Camera Lens	16mm clear lens
Sensor	720P 130W pixel
Supported Languages	Chinese, English, German, Italian, Spanish, French, Portuguese, Russian
Item Size	117 * 95 * 65mm (4.6 * 3.7 * 2.6in)
Package Size	210 * 165 * 85mm (8.3 * 6.5 * 3.3in)
Package Weight	660g (23.3oz)
Objective Lens Diameter	16 Millimeters
Binocular Prism Description	Roof Prism
Exit Pupil	16 Millimeters
Lens Coating Description	Scratch-Resistant

## 8. WARRANTY AND SUPPORT

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For warranty information and customer support, please refer to the documentation included with your purchase or contact GUOWENHA directly through their official channels. Keep your purchase receipt as proof of purchase for any warranty claims.